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Environmental Services Company
4096 Piedmont Avenue #194
Oakland, California 94611
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Jennifer C. Sedlachek
Project Manager

ExxonMobil

January 24, 2011

Ms. Barbara Jakub, P.G.
Alameda County Health Care Services Agency
Department of Environmental Health
1131 Harbor Bay Parkway, Room 250
Alameda, California 94502-6577

RE: Former Exxon RAS #70104/1725 Park Street, Alameda, California.

Dear Ms. Jakub:

Attached for your review and comment is a copy of the letter report entitled ***Semi-Annual Groundwater Monitoring and Remediation Status Report, Fourth Quarter 2010,*** dated January 24, 2011, for the above-referenced site. The report was prepared by Cardno ERI of Petaluma, California, and details activities at 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,

Jennifer C. Sedlachek
Project Manager

Attachment: Cardno ERI's *Semi-Annual Groundwater Monitoring and Remediation Status Report, Fourth Quarter 2010*, dated January 24, 2011

cc: w/ attachment
Mr. Shay Wideman, The Valero Companies, Environmental Liability Management

w/o attachment
Ms. Paula Sime, Cardno ERI

Cardno ERI
Shaping the Future

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January 24, 2011
Cardno ERI 250611.Q104

Ms. Jennifer C. Sedlachek
ExxonMobil Environmental Services
4096 Piedmont Avenue
Oakland, California 94611

SUBJECT **Semi-Annual Groundwater Monitoring and Remediation Status Report, Fourth Quarter 2010**
Former Exxon Service Station 70104
1725 Park Street, Alameda, California

Alameda County RO#448

INTRODUCTION

At the request of ExxonMobil Environmental Services (EMES), on behalf of Exxon Mobil Corporation, Cardno ERI is submitting this report detailing fourth quarter 2010 groundwater monitoring and sampling and remedial activities at the subject site. This report covers activities from September 9, 2010, through December 28, 2010. Relevant plates, tables, and appendices 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:	11/18/10
Wells gauged and sampled:	MW1 through MW9, MW11
Wells gauged only:	EW1, EW3, EW5
Remediation system status on sampling date:	GWPTS active; SVE system active, AS system active
Presence of NAPL:	Not observed
Concurrently sampled:	Shell-branded service station (former XTRA Oil Company), 1701 Park Street, Alameda, California
Laboratory:	Calscience Environmental Laboratories, Inc. Garden Grove, 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:		162 gallons purge and decon water transferred to the GWPTS on 11/18/10

REMEDIATION SYSTEM SUMMARY

Groundwater Pump and Treat – Prior Systems

A GWPTS 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 TPHg, 4.92 pounds of benzene, and 7.71 pounds of MTBE were removed by the GWPTS during its periods of operation.

Air Sparge/Soil Vapor Extraction – Prior Systems

An 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

Environmental Resolutions, Inc. (ERI) retrofitted the GWPTS and AS/SVE system in 2005. ERI modified the SVE system to use an 8.45-horsepower regenerative blower (Siemens 2BH1 800-7A) capable of producing 360 scfm. ERI also modified groundwater extraction wells EW1 through EW5 to simultaneously extract soil vapor and pump and treat groundwater. Other components and processes of the systems remained unchanged. The retrofitted systems began operation on June 27, 2005.

GWPTS Configuration – Post Retrofit

The GWPTS operated in conjunction with the AS/SVE system to pump down the groundwater table, expose petroleum hydrocarbons in soil, and remediate dissolved-phase hydrocarbons in groundwater. Wells EW1 through EW4 were available for groundwater extraction using pneumatic pumps. Water was periodically transferred from the holding tank through a particulate filter and three 500-pound 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 was recorded using a totalizing flow meter. The GWPTS was shut down on December 28, 2010.

AS/SVE System Configuration – Post Retrofit

The AS/SVE system consisted 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 had a maximum flow capacity of 300 scfm. Water generated in the moisture separator was pumped to the GWPTS.

An oil-less air compressor was used for air sparging (subsurface air injection) at wells MW7, EW1, SM1, and SW1 to help volatilize hydrocarbons. Additional sparge points were located at wells AS1, MW6, and EW5, but are currently disabled. The AS/SVE system was shut down on December 28, 2010.

System start-up dates:	AS/SVE System	02/16/98
	GWPTS	10/10/94
System discharge permits:	AS/SVE System	BAAQMD Plant No. 8252
	GWPTS	EBMUD Permit No. 50266631
System reporting periods:	AS/SVE System	09/09/10 – 12/28/10
	GWPTS	09/09/10 – 12/28/10
System modifications during reporting period:		The GWPTS and AS/SVE system were shut down on December 28, 2010.
System status during reporting period:	SVE System	Active
	GWPTS	Active
	AS System	Active
System wells extracted from:	GWPTS	EW1, EW2
Laboratory:		Calscience Environmental Laboratories, Inc. Garden Grove, California
Effluent analyses performed:	AS/SVE System	
	EPA TO-3M	TPHg
	EPA TO-15M	MTBE, BTEX
	GWPTS	
	EPA Method 8015B	TPHg
	EPA Method 8021B	BTEX, MTBE

System performance:

AS/SVE System

Period	Mass of TPHg Removed (pounds)	Mass of Benzene Removed (pounds)	Mass of MTBE Removed (pounds)
09/09/10 – 12/28/10	<6.656	<0.0016	<0.0280
To date:	<1,746.96	<27.72	<14.76

GWPTS

Period	Volume of Groundwater Treated (gallons)	Mass of TPHg Removed (pounds)	Mass of Benzene Removed (pounds)	Mass of MTBE Removed (pounds)
09/09/10 – 12/28/10	254,100	1.276	<0.0048	1.684
To date:	5,044,070	<72.5	<5.228	<51.714

CONCLUSIONS

The groundwater monitoring and sampling data are consistent with the historical data for the site. Influent concentrations of dissolved-phase hydrocarbons have shown decreasing trends and the hydrocarbon mass recovery rate no longer justifies operation of the system. Mass removal for the AS/SVE system has been asymptotic since 2007, and is no longer recovering fuel hydrocarbons effectively. Based on this evaluation of the site data, Cardno ERI shut down the GWPTS and the AS/SVE system on December 28, 2010 and intends to evaluate the site for alternative remedial methods.

Cardno ERI anticipates submitting a work plan for advancing confirmation soil borings in January 2011.

DOCUMENT DISTRIBUTION

Cardno ERI recommends forwarding copies of this report to:

Ms. Barbara Jakub, P.G.
Alameda County Health Care Services Agency
Department of Environmental Health
1131 Harbor Bay Parkway, Room 250
Alameda, California 94502-6577

Mr. Shay Wideman
The Valero Companies
Environmental Liability Management
P.O. Box 696000
San Antonio, Texas 78269

LIMITATIONS

For any documents cited that were not generated by Cardno ERI, the data taken from those documents is used "as is" and is assumed to be accurate. Cardno ERI does not guarantee the accuracy of this data and makes no warranties for the referenced work performed nor the inferences or conclusions stated in these documents.

This document was prepared in accordance with generally accepted standards of environmental, geological, and engineering practices in California at the time of investigation. No soil engineering or geotechnical references are implied or should be inferred. The evaluation of the geologic conditions at the site for this investigation is made from a limited number of data points. Subsurface conditions may vary away from these data points.

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

Sincerely,

Jennifer L. Lacy
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for Cardno ERI
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Enclosures:

Acronym List

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Plate 2	Select Analytical Results
Plate 3	Groundwater Elevation Map
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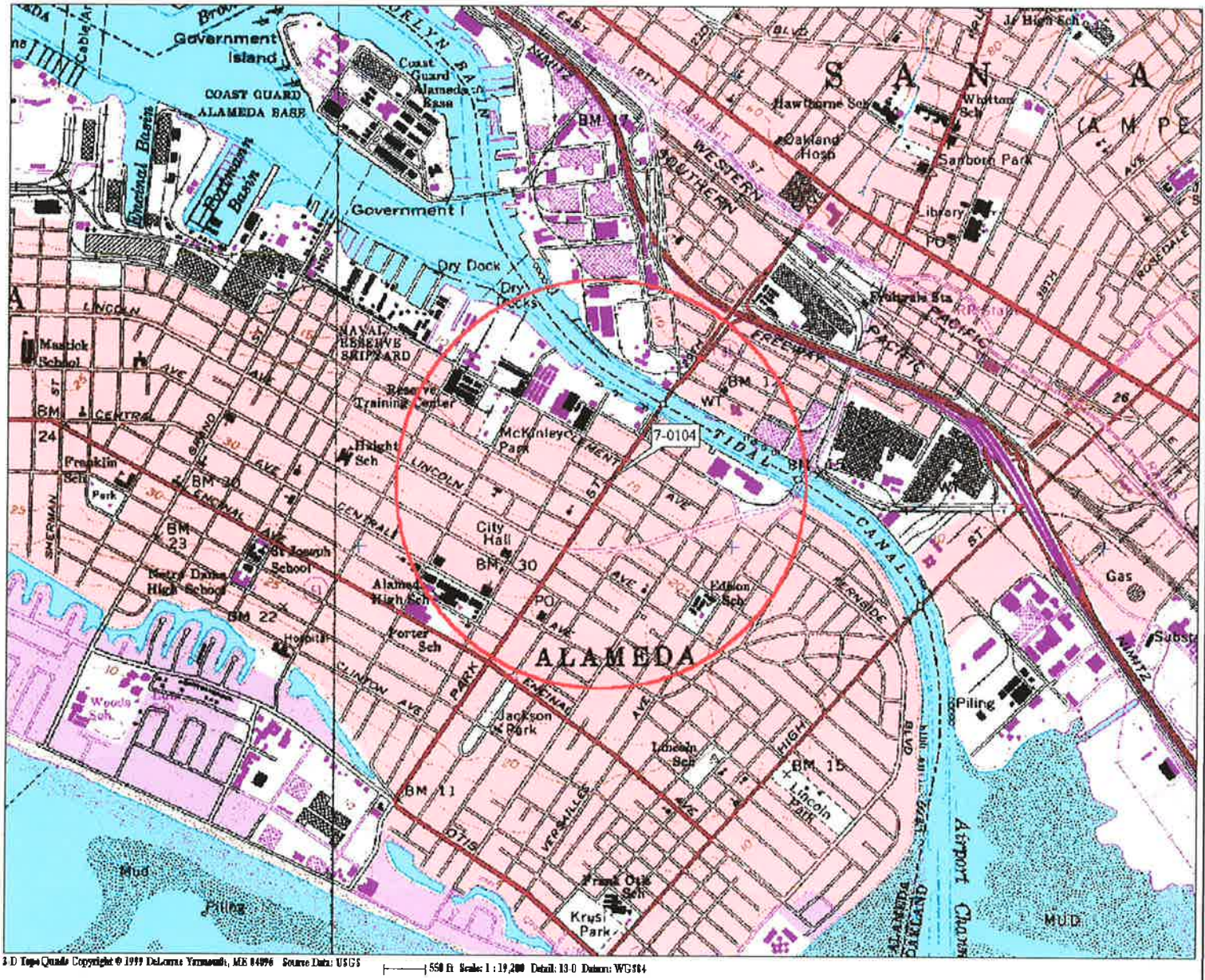
Appendix A	Groundwater Sampling Protocol
Appendix B	Laboratory Analytical Reports and Chain-of-Custody Records
Appendix C	Field Data Sheets
Appendix D	SOP-25: "Hydrocarbons Removed from a Vadose Well"
Appendix E	Groundwater Monitoring and Sampling Data, 1701 Park Street (P&D Environmental, November 18, 2010)

ACRONYM LIST

µg/L	Micrograms per liter
µs	Microsiemens
1,2-DCA	1,2-dichloroethane
acfm	Actual cubic feet per minute
AS	Air sparge
bgs	Below ground surface
BTEX	Benzene, toluene, ethylbenzene, and total xylenes
CEQA	California Environmental Quality Act
cfm	Cubic feet per minute
COC	Chain of Custody
CPT	Cone Penetration (Penetrometer) Test
DIPE	Di-isopropyl ether
DO	Dissolved oxygen
DOT	Department of Transportation
DPE	Dual-phase extraction
DTW	Depth to water
EDB	1,2-dibromoethane
EPA	Environmental Protection Agency
ESL	Environmental screening level
ETBE	Ethyl tertiary butyl ether
FID	Flame-ionization detector
fpm	Feet per minute
GAC	Granular activated carbon
gpd	Gallons per day
gpm	Gallons per minute
GWPTS	Groundwater pump and treat system
HVOC	Halogenated volatile organic compound
J	Estimated value between MDL and PQL (RL)
LEL	Lower explosive limit
LPC	Liquid-phase carbon
LRP	Liquid-ring pump
LUFT	Leaking underground fuel tank
LUST	Leaking underground storage tank
MCL	Maximum contaminant level
MDL	Method detection limit
mg/kg	Milligrams per kilogram
mg/L	Milligrams per liter
mg/m^3	Milligrams per cubic meter
MPE	Multi-phase extraction
MRL	Method reporting limit
msl	Mean sea level
MTBE	Methyl tertiary butyl ether
MTCA	Model Toxics Control Act
NAI	Natural attenuation indicators
NAPL	Non-aqueous phase liquid
NEPA	National Environmental Policy Act
NGVD	National Geodetic Vertical Datum
NPDES	National Pollutant Discharge Elimination System
O&M	Operations and Maintenance
ORP	Oxidation-reduction potential
OSHA	Occupational Safety and Health Administration
OVA	Organic vapor analyzer
P&ID	Process & Instrumentation Diagram
PAH	Polycyclic aromatic hydrocarbon
PCB	Polychlorinated biphenyl
PCE	Tetrachloroethene or perchloroethylene
PID	Photo-ionization detector
PLC	Programmable logic control
POTW	Publicly owned treatment works
ppmv	Parts per million by volume
PQL	Practical quantitation limit
psi	Pounds per square inch
PVC	Polyvinyl chloride
QA/QC	Quality assurance/quality control
RBSL	Risk-based screening levels
RCRA	Resource Conservation and Recovery Act
RL	Reporting limit
scfm	Standard cubic feet per minute
SSTL	Site-specific target level
STLC	Soluble threshold limit concentration
SVE	Soil vapor extraction
SVOC	Semivolatile organic compound
TAME	Tertiary amyl methyl ether
TBA	Tertiary butyl alcohol
TCE	Trichloroethene
TOC	Top of well casing elevation; datum is msl
TOG	Total oil and grease
TPHd	Total petroleum hydrocarbons as diesel
TPHg	Total petroleum hydrocarbons as gasoline
TPHmo	Total petroleum hydrocarbons as motor oil
TPHs	Total petroleum hydrocarbons as stoddard solvent
TRPH	Total recoverable petroleum hydrocarbons
UCL	Upper confidence level
USCS	Unified Soil Classification System
USGS	United States Geologic Survey
UST	Underground storage tank
VCP	Voluntary Cleanup Program
VOC	Volatile organic compound
VPC	Vapor-phase carbon



EXPLANATION

1/2-mile radius circle

APPROXIMATE SCALE

N

0 0.5 1 mile

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

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SITE VICINITY MAP

FORMER EXXON SERVICE STATION 70104
1725 Park Street
Alameda, California

PROJECT NO.
2506
PLATE
1

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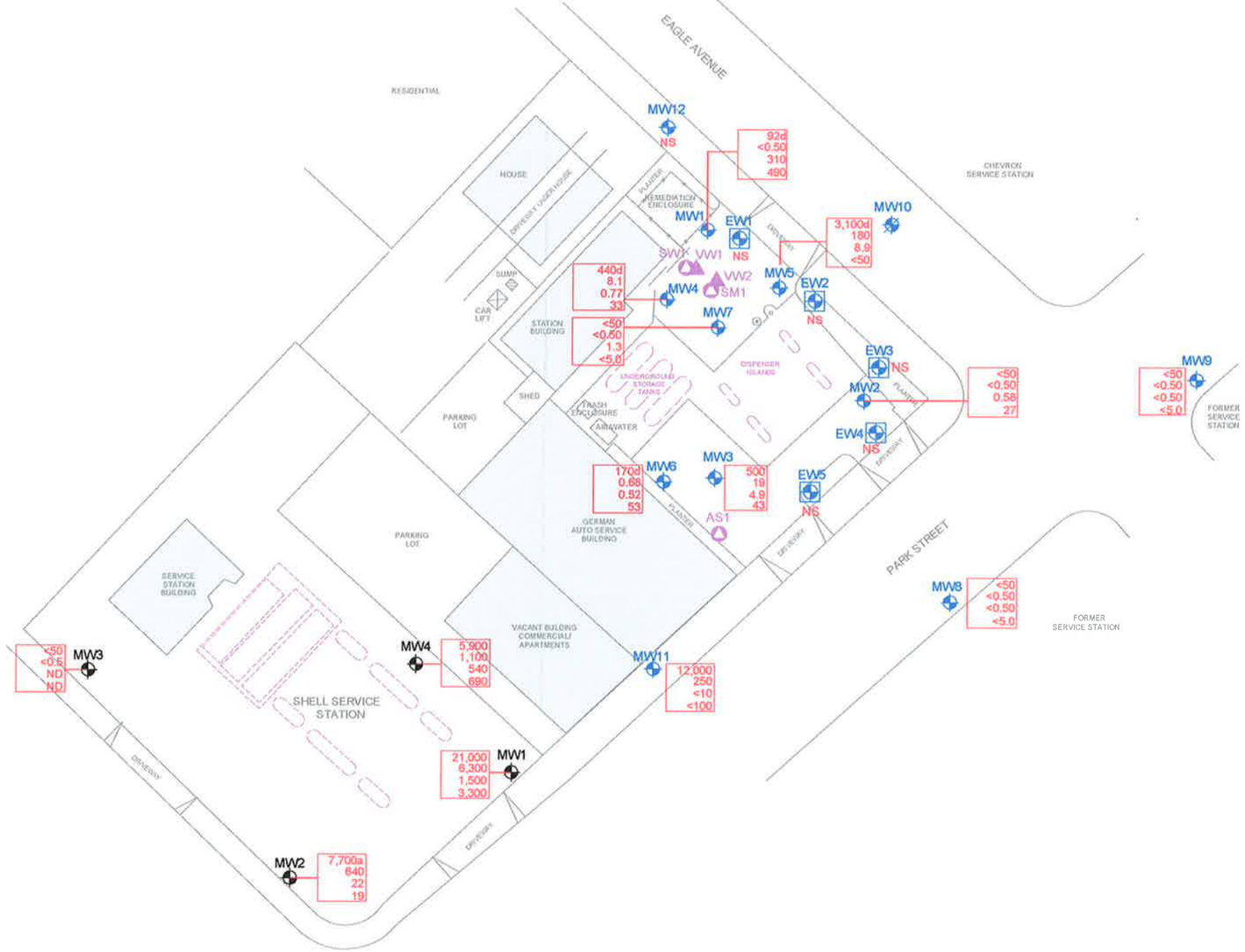
Analyte Concentrations in ug/L
Sampled November 18, 2010

Total Petroleum Hydrocarbons as gasoline
Benzene
Methyl Tertiary Butyl Ether 8260B
Tertiary Butyl Alcohol

< Less Than the Stated Laboratory Reporting Limit
ug/L Micrograms per Liter
NS Not sampled
ND Not Detected
d Hydrocarbon pattern does not resemble the requested fuel.
a Laboratory Note: lighter than water immiscible sheen/product is present

NOTES:

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



APPROXIMATE SCALE

0 50 100 Feet

FN 2506 10 4QTR_QM

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SELECT ANALYTICAL RESULTS
November 18, 2010

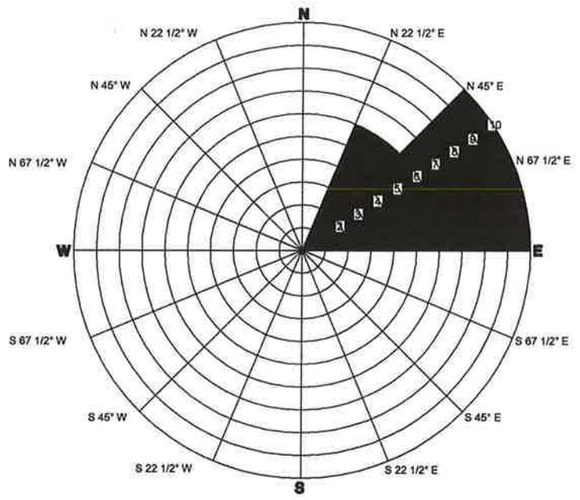
FORMER EXXON SERVICE STATION 70104
1725 Park Street
Alameda, California

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



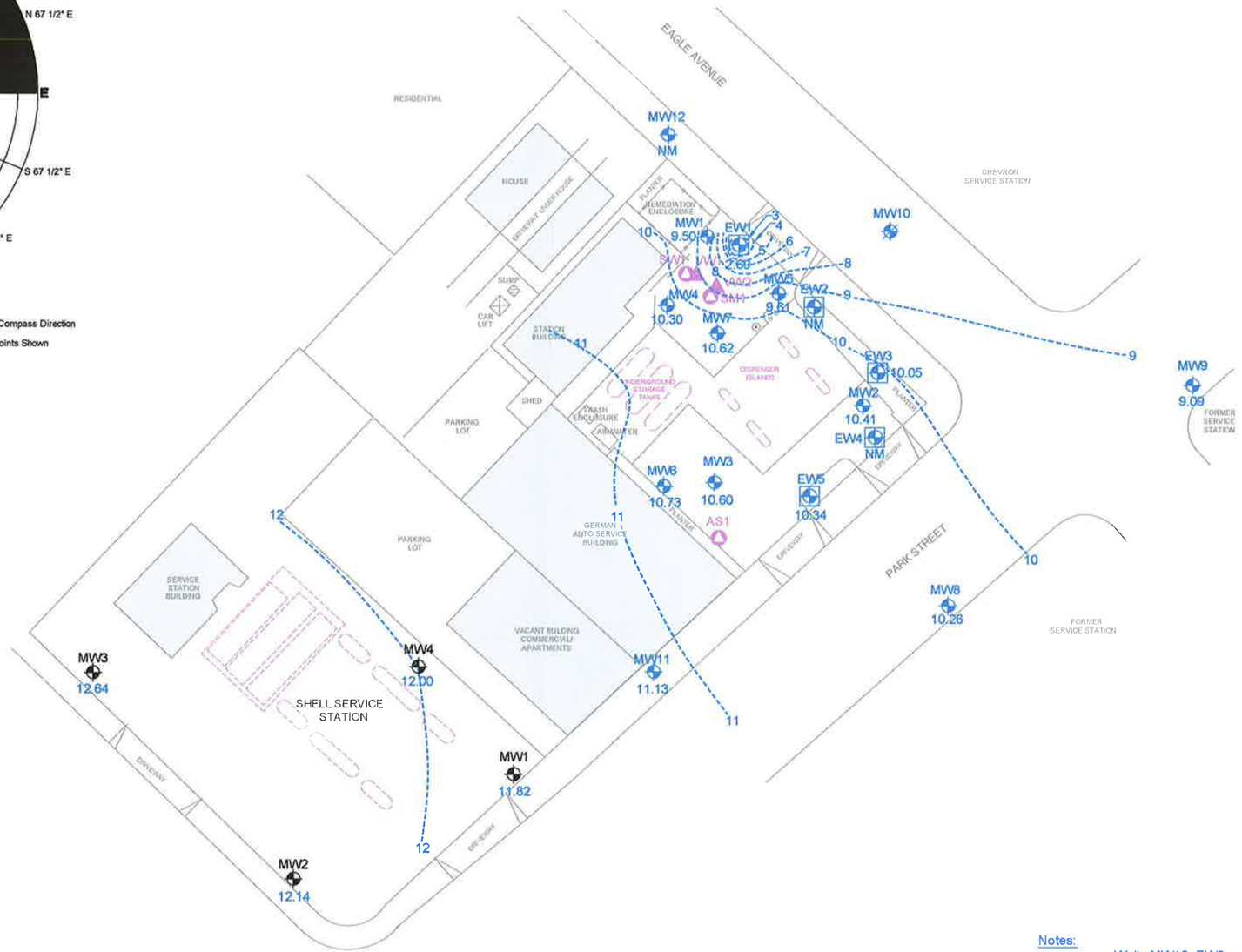
N Compass Direction

26 Data Points Shown

March 1, 2004, through November 18, 2010

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

0 50 100 Feet

FN 2506 10 4QTR_QM

Notes:

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

NM Not Measured

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

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GROUNDWATER ELEVATION MAP
November 18, 2010

FORMER EXXON SERVICE STATION 70104
1725 Park Street
Alameda, California

EXPLANATION

- MW11 — Groundwater Monitoring Well
- 11.13 — 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

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

Well ID	Sampling Date	TOC Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	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	06/07/88	17.35	---	---	---	---	27,000	---	---	5,000	77	1,100	2,700
MW1	06/10/88	17.35	6.35	11.00	No	---	---	---	---	---	---	---	---
MW1	01/17/89	17.35	5.81	11.54	No	---	6,800	---	---	2,000	91	800	1,600
MW1	01/24/89	17.35	5.16	12.19	No	---	---	---	---	---	---	---	---
MW1	06/01/89	17.35	6.27	11.08	Sheen	---	1,700	---	---	170	6.9	13	230
MW1	09/18/89	17.35	7.11	10.24	No	---	2,100	---	---	9.0	53	18	130
MW1	10/20/89	17.35	7.28	10.07	No	---	---	---	---	---	---	---	---
MW1	11/22/89	17.35	7.20	10.15	No	---	---	---	---	---	---	---	---
MW1	12/11/89	17.35	6.60	10.75	No	---	5,800	---	---	200	42	290	330
MW1	02/13/90	17.35	6.02	11.33	No	---	---	---	---	---	---	---	---
MW1	03/07/90	17.35	---	---	---	---	---	---	---	---	---	---	---
MW1	03/13/90	17.35	5.91	11.44	No	---	2,300	---	---	430	14	16	220
MW1	04/18/90	17.35	6.18	11.17	No	---	---	---	---	---	---	---	---
MW1	05/23/90	17.35	6.29	11.06	No	---	---	---	---	---	---	---	---
MW1	06/14/90	17.35	6.19	11.16	No	---	32,000	---	---	1,400	19	<5	120
MW1	08/21/90	17.35	7.03	10.32	No	---	---	---	---	---	---	---	---
MW1	09/19/90	17.35	7.26	10.09	No	---	950	---	---	290	2.9	<0.5	27
MW1	12/17/90	17.35	6.75	10.60	No	---	2,100	---	---	550	13	350	110
MW1	01/31/91	17.35	6.78	10.57	No	---	---	---	---	---	---	---	---
MW1	02/25/91	17.35	6.59	10.76	No	---	---	---	---	---	---	---	---
MW1	03/19/91	17.35	5.85	11.50	No	---	1,400	---	---	900	45	390	150
MW1	04/22/91	17.35	5.72	11.63	Sheen	---	---	---	---	---	---	---	---
MW1	05/17/91	17.35	6.00	11.35	No	---	---	---	---	---	---	---	---
MW1	07/24/91	17.35	6.79	10.56	No	---	9,700	---	---	1,300	670	950	2,100
MW1	09/10/91	17.35	7.25	10.10	No	---	---	---	---	---	---	---	---
MW1	09/23/91	17.35	7.33	10.02	No	---	---	---	---	---	---	---	---
MW1	10/21/91	17.35	7.53	9.82	No	---	---	---	---	---	---	---	---
MW1	10/22/91	17.35	---	---	---	---	540	---	---	220	1.8	110	7.8
MW1	11/18/91	17.35	7.13	10.22	No	---	---	---	---	---	---	---	---
MW1	12/11/91	17.35	7.25	10.10	No	---	---	---	---	---	---	---	---
MW1	01/21/92	17.35	6.54	10.81	No	---	1,800	---	---	650	23	300	64
MW1	02/20/92	17.35	4.82	12.53	No	---	---	---	---	---	---	---	---
MW1	03/19/92	17.35	5.24	12.11	No	---	---	---	---	---	---	---	---
MW1	04/24/92	17.35	5.71	11.64	No	---	4,900	---	---	1,600	78	660	250
MW1	05/13/92	17.35	5.99	11.36	No	---	---	---	---	---	---	---	---
MW1	06/24/92	17.35	6.65	10.70	No	---	---	---	---	---	---	---	---
MW1	07/16/92	17.35	6.72	10.63	No	---	3,400	---	---	1,000	11	550	100
MW1	08/19/92	17.35	7.07	10.28	No	---	---	---	---	---	---	---	---
MW1	09/24/92	17.35	7.36	9.99	No	---	3,700	---	---	1,300	21	330	<10
MW1	02/05/93	17.35	5.21	12.14	No	---	11,000	---	---	2,400	160	1,400	790

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

Well ID	Sampling Date	TOC Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	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	04/30/93	17.35	5.88	11.47	No	---	6,500	---	---	330	320	640	1,300
MW1	05/14/93	17.35	7.22	10.13	No	---	---	---	---	---	---	---	---
MW1	07/15/93	17.35	8.01	9.34	No	---	7,600	---	---	270	62	1,100	1,000
MW1	10/21/93	17.35	7.83	9.52	---	---	---	---	---	---	---	---	---
MW1	11/16/93	17.35	8.69	8.66	No	---	840	---	---	18	1.4	72	17
MW1	11/30/93	17.35	8.38	8.97	---	---	---	---	---	---	---	---	---
MW1	12/17/93	17.35	7.42	9.93	---	---	---	---	---	---	---	---	---
MW1	01/31/94	17.35	6.37	10.98	---	---	---	---	---	---	---	---	---
MW1	02/24/94 - 02/25/94	17.35	6.23	11.12	No	---	810	---	---	15	9.0	98	58
MW1	09/12/94	17.35	7.11	10.24	No	---	1,600a,d	---	---	200	1.9	210	6.6
MW1	10/01/94	17.35	7.44	9.91	No	---	1,400a	---	---	200	<0.5	160	6.6
MW1	01/13/95	17.35	5.13	12.22	No	---	2,100a	---	---	410b	17	280b	89
MW1	04/27/95	17.35	6.57	10.78	No	---	4,700	---	---	460	41	340	270
MW1	08/03/95	17.35	7.46	9.89	No	---	1,900	30	---	140	<5.0	160	9.9
MW1	10/17/95	17.35	7.67	9.68	No	---	280	5.5	---	6.2	<0.5	13	0.75
MW1	01/24/96	17.35	6.52	10.83	No	---	740	440	---	21	1.4	38	3.1
MW1	04/24/96	17.35	5.95	11.40	No	---	7,800	250	---	200	110	1,000	740
MW1	07/26/96	17.35	7.60	9.75	No	---	620	23	---	8.0	0.99	26	1.0
MW1	10/30/96	17.35	8.06	9.29	No	---	700	33	---	14	2.9	85	3.5
MW1	01/31/97	17.35	5.12	12.23	No	---	7,600	<200	---	420	33	1,400	480
MW1	04/10/97	17.35	---	---	---	---	---	---	---	---	---	---	---
MW1	07/10/97	17.35	7.54	9.81	No	---	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	No	---	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	No	---	2,700	41	---	210	<5.0	550	<5.0
MW1	10/19/98	17.35	6.72	10.63	No	---	---	---	---	---	---	---	---
MW1	01/13/99	17.35	6.52	10.83	No	---	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	No	---	1,030	10.6	---	114	8.07	184	0.644
MW1	10/25/99	17.35	6.68	10.67	No	---	---	---	---	---	---	---	---
MW1	01/21/00	17.35	6.20	11.15	No	---	<50	5.1	---	<1.0	<1.0	<1.0	<1.0
MW1	04/14/00	17.35	5.18	12.17	No	---	---	---	---	---	---	---	---
MW1	06/16/00	17.35	Property transferred to Valero Refining Company.										
MW1	07/05/00	17.35	5.93	11.42	No	---	88	200	---	4.3	<0.5	0.61	<0.5
MW1	10/03/00	17.35	6.51	10.84	No	---	<50	240	---	0.72	<0.5	<0.5	<0.5
MW1	01/02/01	17.35	6.17	11.18	No	---	<50	68	---	0.75	<0.5	<0.5	<0.5
MW1	04/02/01	17.35	7.42	9.93	No	---	140	4.3	---	<0.5	<0.5	4.1	1.1
MW1	07/02/01	17.35	6.27	11.08	No	---	74	14	---	<0.5	<0.5	<0.5	<0.5
MW1	10/15/01	17.35	6.64	10.71	No	---	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	No	52.0	75.0	67.1	---	0.70	<0.50	0.50	<0.50

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

Well ID	Sampling Date	TOC Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	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	05/06/02	17.29	5.48	11.81	No	129	793	702	1,004	8.6	<0.5	0.5	1.1
MW1	08/22/02	17.29	7.14	10.15	No	602	1,150	181	---	120	0.8	9.0	3.6
MW1	11/08/02	17.29	6.19	11.10	No	504	947	182	---	95.6	4.0	3.7	2.7
MW1	02/07/03	17.29	6.00	11.29	No	610	1,190	284	---	89.7	3.8	45.3	13.2
MW1	05/02/03	17.29	5.76	11.53	No	797	1,020	296	---	75.8	9.0	5.7	11.9
MW1	08/14/03	17.29	7.04	10.25	No	531d	822	201	---	33.9	2.8	1.5	1.9
MW1	11/14/03	17.29	6.41	10.88	No	560d	574	276	---	19.8	1.8	2.0	2.2
MW1	03/01/04	17.29	4.63	12.66	No	785d	1,430	---	895	46.2	3.1	14.2	9.2
MW1	06/15/04	17.29	6.05	11.24	No	204d	621	668	---	11.1	<0.5	<0.5	<0.5
MW1	09/13/04	17.29	6.62	10.67	No	221d	754	479	---	34.4	1.5	1.1	1.2
MW1	12/22/04	17.29	5.67	11.62	No	288d,f	775	253	---	38.8	1.0	1.8	0.8
MW1	03/24/05	17.29	4.63	12.66	No	471d	952	---	120	41.6	1.4	12.8	6.0
MW1	06/14/05	17.29	5.55	11.74	No	695d	605	---	91	37.9	2.5	2.6	2.5
MW1	09/12/05	17.29	8.16	9.13	No	280d	1,410	---	4,780	1.43	<0.50	0.82	1.08
MW1	12/13/05	17.29	6.86	10.43	No	182d	4,610	---	6000h	2.35	0.71	<0.50	<0.50
MW1	03/13/06	17.29	6.31	10.98	No	470d	6,800i	---	4,600	70	<25	76	56
MW1	06/12/06	17.29	2.01	15.28	No	300d,f	16,000i	---	16,000	<50	<50	<50	<50
MW1	09/08/06	17.29	6.61	10.68	No	62d	4,200i	---	4,700	<25	<25	<25	<25
MW1	12/05/06	17.29	7.94	9.35	No	<47	6,300i	---	9,300	<25	<25	<25	<25
MW1	03/12/07	17.29	5.53	11.76	No	120d	3,300i	---	3,400	<25	<25	<25	<25
MW1	05/29/07	17.29	7.15	10.14	No	277d	2,680	---	3,550	2.86	0.97	1.70	3.71f
MW1	08/29/07	17.29	7.44	9.85	No	94d	3,500i	---	3,100	<25	<25	<25	<25
MW1	11/29/07	17.29	7.04	10.25	No	58d	3,600i	---	5,000	<25	<25	<25	<25
MW1	02/27/08	17.29	5.80	11.49	No	130d	2,700i	---	3,600	<25	<25	<25	<25
MW1	05/28/08	17.29	6.50	10.79	No	165d	1,720f	---	3,840	<0.50	<0.50	<0.50	<0.50
MW1	08/27/08	17.29	6.91	10.38	No	180	1,400	---	3,000	<0.50	<0.50	<0.50	<1.0
MW1	11/25/08	17.29	6.96	10.33	No	250	1,800	---	1,300	<0.50	<0.50	0.65	<1.0
MW1	02/25/09	17.29	4.99	12.30	No	170	1,100	---	1,300	3.2	0.98	3.1	<1.0
MW1	05/27/09	17.29	5.85	11.44	No	100	840	---	3,600	3.6	0.64	0.92	1.5e
MW1	09/08/09	17.29	7.03	10.26	No	---	---	---	---	---	---	---	---
MW1	09/09/09	17.29	---	---	---	150d	1,600d	---	1,500	<0.50	<0.50	<0.50	<1.0
MW1	12/02/09	17.29	7.44	9.85	No	160d	1,000d	---	1,100	<0.50	<0.50	<0.50	<1.0
MW1	04/28/10	17.29	6.69	10.60	No	190d	870d	---	940	<0.50	0.67e	7.4	1.7
MW1	**11/18/10**	**17.29**	**7.79**	**9.50**	**No**	**<50**	**92d**	**---**	**310**	**<0.50**	**<0.50**	**<0.50**	**<1.0**
MW2	06/07/88	16.67	---	---	---	---	110,000	---	---	12,000	12,000	2,100	12,000
MW2	06/10/88	16.67	6.20	10.47	No	---	---	---	---	---	---	---	---
MW2	01/17/89	16.67	5.96	10.71	No	---	30,000	---	---	6,600	3,300	1,600	7,700
MW2	01/24/89	16.67	5.04	11.63	No	---	---	---	---	---	---	---	---
MW2	06/01/89	16.67	6.32	10.35	Sheen	---	8,700	---	---	330	280	680	1,200
MW2	09/18/89	16.67	6.73	9.94	No	---	17,000	---	---	580	280	570	220

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

Well ID	Sampling Date	TOC Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	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)
MW2	10/20/89	16.67	6.87	9.80	No	---	---	---	---	---	---	---	---
MW2	11/22/89	16.67	6.80	9.87	No	---	---	---	---	---	---	---	---
MW2	12/11/89	16.67	6.57	10.10	No	---	32,000	---	---	1,000	850	310	1,200
MW2	02/13/90	16.67	6.12	10.55	No	---	---	---	---	---	---	---	---
MW2	03/13/90	16.67	6.02	10.65	No	---	39,000	---	---	3,500	1,500	2,100	3,900
MW2	04/18/90	16.67	6.35	10.32	No	---	---	---	---	---	---	---	---
MW2	05/23/90	16.67	6.28	10.39	No	---	---	---	---	---	---	---	---
MW2	06/14/90	16.67	6.14	10.53	No	---	34,000	---	---	3,800	730	1,600	3,900
MW2	08/21/90	16.67	6.70	9.97	No	---	---	---	---	---	---	---	---
MW2	09/19/90	16.67	6.84	9.83	No	---	63,000	---	---	670	180	390	1,000
MW2	12/17/90	16.67	6.46	10.21	No	---	140,000	---	---	3,700	2,500	3,000	8,300
MW2	01/31/91	16.67	6.66	10.01	Sheen	---	---	---	---	---	---	---	---
MW2	02/25/91	16.67	6.50	10.17	No	---	---	---	---	---	---	---	---
MW2	03/19/91	16.67	5.76	10.91	Sheen	---	48,000	---	---	4,500	1,600	2,100	5,500
MW2	04/22/91	16.67	5.78	10.89	No	---	---	---	---	---	---	---	---
MW2	05/17/91	16.67	6.01	10.66	No	---	---	---	---	---	---	---	---
MW2	07/24/91	16.67	6.43	10.24	No	---	49,000	---	---	3,500	2,200	2,000	6,400
MW2	09/10/91	16.67	6.81	9.86	No	---	---	---	---	---	---	---	---
MW2	09/23/91	16.67	6.82	9.85	No	---	---	---	---	---	---	---	---
MW2	10/21/91	16.67	7.01	9.66	No	---	---	---	---	---	---	---	---
MW2	10/22/91	16.67	---	---	---	---	34,000	---	---	3,700	1,100	1,800	5,200
MW2	11/18/91	16.67	6.66	10.01	No	---	---	---	---	---	---	---	---
MW2	12/11/91	16.67	6.85	9.82	No	---	---	---	---	---	---	---	---
MW2	01/21/92	16.67	6.22	10.45	No	---	21,000	---	---	4,600	1,300	1,700	5,100
MW2	02/20/92	16.67	5.28	11.39	No	---	---	---	---	---	---	---	---
MW2	03/19/92	16.67	5.34	11.33	No	---	---	---	---	---	---	---	---
MW2	04/24/92	16.67	5.75	10.92	Sheen	---	36,000	---	---	5,000	970	2,300	5,200
MW2	05/13/92	16.67	5.95	10.72	No	---	---	---	---	---	---	---	---
MW2	06/24/92	16.67	6.39	10.28	No	---	---	---	---	---	---	---	---
MW2	07/16/92	16.67	6.50	10.17	Sheen	---	42,000	---	---	3,500	490	1,800	3,700
MW2	08/19/92	16.67	6.69	9.98	No	---	---	---	---	---	---	---	---
MW2	09/24/92	16.67	6.74	9.93	Sheen	---	26,000	---	---	3,600	670	1,700	3,300
MW2	02/05/93	16.67	5.56	11.12	0.01	---	---	---	---	---	---	---	---
MW2	04/30/93	16.67	5.78	10.89	Sheen	---	280,000	---	---	11,000	6,500	5,500	160,000
MW2	05/14/93	16.67	---	---	---	---	---	---	---	---	---	---	---
MW2	07/15/93	16.67	7.89	8.79	0.01	---	---	---	---	---	---	---	---
MW2	10/21/93	16.67	7.24	9.43	---	---	---	---	---	---	---	---	---
MW2	11/16/93	16.67	8.37	8.32	0.02	---	---	---	---	---	---	---	---
MW2	11/30/93	16.67	7.93	8.74	---	---	---	---	---	---	---	---	---
MW2	12/17/93	16.67	7.74	8.93	---	---	---	---	---	---	---	---	---
MW2	01/31/94	16.67	6.32	10.35	---	---	---	---	---	---	---	---	---
MW2	02/24/94 - 02/25/94	16.67	6.93	9.74	No	---	---	---	---	---	---	---	---

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

Well ID	Sampling Date	TOC Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	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)
MW2	09/12/94	16.67	6.71	9.96	No	---	31,000a,d	---	---	4,400	120	1,700	2,100
MW2	10/01/94	16.67	7.22	9.45	No	---	45,000a	---	---	4,500	250	1,800	2,400
MW2	01/13/95	16.67	4.46	12.21	No	---	---	---	---	---	---	---	---
MW2	04/27/95	16.67	6.92	9.75	No	---	44,000	---	---	7,000	840	2,400	3,400
MW2	08/03/95	16.67	6.96	9.71	No	---	30,000	37,000	---	4,600	170	1,600	1,100
MW2	10/17/95	16.67	7.83	8.84	No	---	45,000	14,000	---	5,400	190	2,000	1,500
MW2	01/24/96	16.67	6.45	10.22	No	---	30,000	4,100	---	5,000	810	2,200	2,200
MW2	04/24/96	16.67	6.00	10.67	No	---	34,000	22,000	---	8,700	410	2,200	2,000
MW2	07/26/96	16.67	7.14	9.53	No	---	40,000	18,000	---	10,000	<200	1,800	760
MW2	10/30/96	16.67	6.95	9.72	No	---	43,000	18,000	---	9,100	<250	2,400	730
MW2	01/31/97	16.67	5.07	11.60	No	---	28,000	8,000	---	2,400	630	1,500	3,300
MW2	04/10/97	16.67	---	---	---	---	---	---	---	---	---	---	---
MW2	07/10/97	16.67	7.34	9.33	No	---	18,000	2,600	---	2,900	82	1,500	530
MW2	10/08/97	16.67	---	---	---	---	---	---	---	---	---	---	---
MW2	01/28/98	16.67	4.46	12.21	No	---	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	No	---	24,000	6,300	---	7,500	<200	1,300	280
MW2	10/19/98	16.67	6.35	10.32	No	---	---	---	---	---	---	---	---
MW2	01/13/99	16.67	6.54	10.13	No	---	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	No	---	14,100	3,410	---	4,270	80.1	1,300	339
MW2	10/25/99	16.67	---	---	---	---	---	---	---	---	---	---	---
MW2	01/21/00	16.67	---	---	---	---	---	---	---	---	---	---	---
MW2	02/11/00	16.67	---	---	No	---	<50	15	---	<1.0	<1.0	<1.0	<1.0
MW2	04/14/00	16.67	4.69	11.98	No	---	---	---	---	---	---	---	---
MW2	06/16/00	16.67	Property transferred to Valero Refining Company.										
MW2	07/05/00	16.67	5.44	11.23	No	---	150	86	---	15	<0.5	6.2	2.8
MW2	10/03/00	16.67	6.31	10.36	No	---	200	2,500	---	35	0.51	5.1	12
MW2	01/02/01	16.67	---	---	---	---	---	---	---	---	---	---	---
MW2	04/02/01	16.67	5.00	11.67	No	---	<50	680	---	3.6	<0.5	<0.5	<0.5
MW2	07/02/01	16.67	5.62	11.05	No	---	1,400	890	---	13	1.1	<0.5	1.1
MW2	10/15/01	16.67	7.55	9.12	No	---	620	1,900	---	190	3.5	4.5	7
MW2	Nov-01	16.39	Well surveyed in compliance with AB 2886 requirements.										
MW2	02/04/02	16.39	4.71	11.68	No	69.0	122	7.10	---	31.4	5.40	9.10	10.4
MW2	05/06/02	16.39	5.08	11.31	No	252	1,250	646	958	125	22.5	68.2	63.1
MW2	08/22/02	16.39	6.88	9.51	No	178	1,270	652	---	269	<0.5	4.3	10.6
MW2	11/08/02	16.39	6.20	10.19	No	83	158	177	---	14.0	0.7	0.6	1.0
MW2	02/07/03	16.39	5.72	10.67	No	<50	173	78.1	---	43.1	3.4	4.5	5.5
MW2	05/02/03	16.39	4.18	12.21	No	56	60.0	50.5	---	4.10	<0.5	0.6	1.4
MW2	08/14/03	16.39	6.00	10.39	No	62d	1,080	506	---	143	1.1	0.7	2.0
MW2	11/14/03	16.39	5.81	10.58	No	132d	362	93.9	---	74.0	0.6	1.6	3.7
MW2	03/01/04	16.39	3.86	12.53	No	<100	<50.0	---	1.40	4.80	1.1	1.1	5.1

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

Well ID	Sampling Date	TOC Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	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)
MW2	06/15/04	16.39	5.30	11.09	No	<50	<50.0	1.1	---	2.00	2.5	0.5	3.3
MW2	09/13/04	16.39	5.81	10.58	No	57d	<50.0	10.7	---	1.60	<0.5	<0.5	2.5
MW2	12/22/04	16.39	5.17	11.22	No	69d,f	<50.0	0.9	---	0.70	<0.5	<0.5	0.8
MW2	03/24/05	16.39	3.81	12.58	No	78d	54.0	---	0.80	6.30	0.5	1.1	1.5
MW2	06/14/05	16.39	4.89	11.50	No	84d	<50.0	---	<0.50	1.00	<0.5	<0.5	<0.5
MW2	09/12/05	16.39	7.26	9.13	No	65.2d	152	---	15.1	2.94	<0.50	<0.50	<0.50
MW2	12/13/05	16.39	5.87	10.52	No	88.4d	107	---	28.6	24.3	<0.50	<0.50	0.82
MW2	03/13/06	16.39	4.70	11.69	No	<47	<50	---	1.3	6.8	<0.50	<0.50	1.6
MW2	06/12/06	16.39	5.79	10.60	No	130d,f	140	---	0.69	9.1	2.2	4.2	21
MW2	09/08/06	16.39	5.96	10.43	No	<47	71	---	18	1.9	<0.50	<0.50	<0.50
MW2	12/05/06	16.39	---	---	No	520d	97	---	26	6.2	<0.50	<0.50	<0.50
MW2	03/12/07	16.39	4.97	11.42	No	48d	160	---	11	51	<1.0	<1.0	<1.0
MW2	05/29/07	16.39	5.90	10.49	No	93.5d	172	---	18.4	59.6	<0.50	<0.50	0.56f
MW2	08/29/07	16.39	6.51	9.88	No	99d	260	---	47	79	<1.0	<1.0	<1.0
MW2	11/29/07	16.39	6.33	10.06	No	89d	440	---	55	170	<2.5	<2.5	<2.5
MW2	02/27/08	16.39	4.67	11.72	No	<47	<250	---	2.8	2.6	<2.5	3.5	13
MW2	05/28/08	16.39	5.63	10.76	No	153d	88.8	---	4.03	7.43	<0.50	<0.50	<0.50
MW2	08/27/08	16.39	6.19	10.20	No	<50	55	---	2.0	1.7	<0.50	1.4	1.2
MW2	11/25/08	16.39	6.04	10.35	No	<50	61	---	1.8	0.80	<0.50	<0.50	<1.0
MW2	02/25/09	16.39	4.39	12.00	No	<50	99	---	1.5	2.6	1.2	4.0	4.4
MW2	05/27/09	16.39	5.10	11.29	No	<50	63	---	1.2	5.5	<0.50	<0.50	<1.0
MW2	09/08/09	16.39	5.99	10.40	No	93d	81	---	1.6	1.4	<0.50	<0.50	<1.0
MW2	12/02/09	16.39	5.77	10.62	No	370d	810	---	1.5	18	6.1	31	37
MW2	04/28/10	16.39	4.98	11.41	No	<50	<50	---	<0.50	0.61e	<0.50	<0.50	<1.0
MW2	**11/18/10**	**16.39**	**5.98**	**10.41**	**No**	**<50**	**<50**	**---**	**0.58**	**<0.50**	**<0.50**	**<0.50**	**<1.0**
MW3	06/07/88	17.11	---	---	---	---	28,000	---	---	6,000	80	940	1,900
MW3	06/10/88	17.11	6.05	11.06	No	---	---	---	---	---	---	---	---
MW3	01/17/89	17.11	5.49	11.62	No	---	5,300	---	---	2,500	230	590	1,100
MW3	01/24/89	17.11	5.38	11.73	No	---	---	---	---	---	---	---	---
MW3	06/01/89	17.11	5.96	11.15	No	---	5,400	---	---	330	300	570	680
MW3	09/18/89	17.11	6.65	10.46	No	---	12,000	---	---	680	170	350	860
MW3	10/20/89	17.11	6.88	10.23	No	---	---	---	---	---	---	---	---
MW3	11/22/89	17.11	6.74	10.37	No	---	---	---	---	---	---	---	---
MW3	12/11/89	17.11	6.37	10.74	No	---	14,000	---	---	1,100	150	670	690
MW3	02/13/90	17.11	5.58	11.53	No	---	---	---	---	---	---	---	---
MW3	03/13/90	17.11	5.48	11.63	No	---	18,000	---	---	6,300	200	1,100	1,100
MW3	04/18/90	17.11	6.01	11.10	No	---	---	---	---	---	---	---	---
MW3	05/23/90	17.11	6.14	10.97	No	---	---	---	---	---	---	---	---
MW3	06/14/90	17.11	5.83	11.28	No	---	9,500	---	---	1,300	880	310	1,800
MW3	08/21/90	17.11	6.67	10.44	No	---	---	---	---	---	---	---	---

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

Well ID	Sampling Date	TOC Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW3	09/19/90	17.11	6.88	10.23	No	---	16,000	---	---	5,000	65	1,500	450
MW3	12/17/90	17.11	6.46	10.65	No	---	6,700	---	---	1,500	64	650	460
MW3	01/31/91	17.11	6.24	10.87	No	---	---	---	---	---	---	---	---
MW3	02/25/91	17.11	6.18	10.93	No	---	---	---	---	---	---	---	---
MW3	03/19/91	17.11	5.35	11.76	No	---	18,000	---	---	4,200	2,100	1,100	1,200
MW3	04/22/91	17.11	5.72	11.39	No	---	---	---	---	---	---	---	---
MW3	05/17/91	17.11	5.55	11.56	No	---	---	---	---	---	---	---	---
MW3	07/24/91	17.11	6.41	10.70	No	---	38,000	---	---	6,200	990	2,900	9,600
MW3	09/10/91	17.11	6.80	10.31	No	---	---	---	---	---	---	---	---
MW3	09/23/91	17.11	6.80	10.31	No	---	---	---	---	---	---	---	---
MW3	10/21/91	17.11	7.09	10.02	No	---	---	---	---	---	---	---	---
MW3	10/22/91	17.11	---	---	---	---	23,000	---	---	3,400	150	2,500	4,400
MW3	11/18/91	17.11	6.74	10.37	No	---	---	---	---	---	---	---	---
MW3	12/11/91	17.11	6.79	10.32	No	---	---	---	---	---	---	---	---
MW3	01/21/92	17.11	6.16	10.95	No	---	13,000	---	---	2,700	30	1,800	740
MW3	02/20/92	17.11	4.89	12.22	No	---	---	---	---	---	---	---	---
MW3	03/19/92	17.11	4.85	12.26	No	---	---	---	---	---	---	---	---
MW3	04/24/92	17.11	5.28	11.83	No	---	17,000	---	---	4,200	170	1,600	600
MW3	05/13/92	17.11	5.58	11.53	No	---	---	---	---	---	---	---	---
MW3	06/24/92	17.11	6.22	10.89	No	---	---	---	---	---	---	---	---
MW3	07/16/92	17.11	6.36	10.75	No	---	11,000	---	---	2,700	230	1,100	570
MW3	08/19/92	17.11	6.65	10.46	No	---	---	---	---	---	---	---	---
MW3	09/24/92	17.11	6.93	10.18	No	---	7,100	---	---	2,000	44	1,000	220
MW3	02/05/93	17.11	4.71	12.40	No	---	13,000	---	---	3,600	110	1,300	430
MW3	04/30/93	17.11	5.46	11.65	No	---	13,000	---	---	1,600	370	1,600	1,800
MW3	05/14/93	17.11	6.53	10.58	No	---	---	---	---	---	---	---	---
MW3	07/15/93	17.11	7.28	9.83	No	---	2,100	---	---	310	15	230	58
MW3	10/21/93	17.11	7.42	9.69	---	---	---	---	---	---	---	---	---
MW3	11/16/93	17.11	8.02	9.09	No	---	4,000	---	---	400	400	120	490
MW3	11/30/93	17.11	7.79	9.32	---	---	---	---	---	---	---	---	---
MW3	12/17/93	17.11	7.13	9.98	---	---	---	---	---	---	---	---	---
MW3	01/31/94	17.11	6.32	10.79	---	---	---	---	---	---	---	---	---
MW3	02/24/94 - 02/25/94	17.11	6.04	11.07	No	---	3,300	---	---	280	52	150	400
MW3	09/12/94	17.11	6.58	10.53	No	---	3,100a,d	---	---	580	8	340	100
MW3	10/01/94	17.11	6.85	10.26	No	---	3,800a	---	---	640	11	230	130
MW3	01/13/95	17.11	5.27	11.84	No	---	3,800a	---	---	690	24	210	130
MW3	04/27/95	17.11	6.05	11.06	No	---	7,500	---	---	940	35	810	530
MW3	08/03/95	17.11	6.71	10.40	No	---	1,900	24	---	380	<5.0	140	45
MW3	10/17/95	17.11	7.46	9.65	No	---	6,100	<5.0	---	950	29	230	190
MW3	01/24/96	17.11	5.83	11.28	No	---	3,000	<100	---	730	15	190	110
MW3	04/24/96	17.11	5.38	11.73	No	---	11,000	<100	---	1,200	130	1,000	1,400
MW3	07/26/96	17.11	6.80	10.31	No	---	2,500	250	---	800	16	24	56

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

Well ID	Sampling Date	TOC Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW3	10/30/96	17.11	7.20	9.91	No	---	5,200	2,900	---	1,300	28	170	180
MW3	01/31/97	17.11	4.31	12.80	No	---	---	---	---	---	---	---	---
MW3	04/10/97	17.11	---	---	---	---	---	---	---	---	---	---	---
MW3	07/10/97	17.11	---	---	---	---	---	---	---	---	---	---	---
MW3	10/08/97	17.11	---	---	---	---	---	---	---	---	---	---	---
MW3	01/28/98	17.11	4.03	13.08	No	---	---	---	---	---	---	---	---
MW3	04/14/98	17.11	3.80	13.31	No	---	---	---	---	---	---	---	---
MW3	07/30/98	17.11	5.84	11.27	No	---	---	---	---	---	---	---	---
MW3	10/19/98	17.11	6.25	10.86	No	---	---	---	---	---	---	---	---
MW3	01/13/99	17.11	6.14	10.97	No	---	---	---	---	---	---	---	---
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	No	560c	2,700	3,100	---	1300	8.8	11	21.3
MW3	04/02/01	17.11	4.71	12.40	No	620	3,700	1,400	---	1,400	11	36	21
MW3	07/02/01	17.11	5.82	11.29	No	880	5,300	1,200	---	1,300	32	30	730
MW3	10/15/01	17.11	6.12	10.99	No	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	No	402	8,830	1,420	---	2,300	166	150	158
MW3	05/06/02	17.02	4.84	12.18	No	1,300	7,950	544	967	1,930	18.0	80.0	648
MW3	08/22/02	17.02	6.42	10.60	No	416	2,270	298	---	506	3.5	8.0	6.5
MW3	11/08/02	17.02	5.66	11.36	No	193	1,640	470	---	330	1.8	4.9	2.7
MW3	02/07/03	17.02	4.99	12.03	No	800	1,360	662	---	328	6.5	9.0	35.0
MW3	05/02/03	17.02	4.73	12.29	No	562	2,500	300	---	306	4.8	17.5	29.1
MW3	08/14/03	17.02	6.02	11.00	No	227d	2,040	367	---	356	3.4	3.9	3.2
MW3	11/14/03	17.02	6.01	11.01	No	280d	1,880	794	---	244	2.6	3.7	4.5
MW3	03/01/04	17.02	3.71	13.31	No	484d	3,660	---	288	865	11.5	22.5	20.5
MW3	06/15/04	17.02	5.28	11.74	No	866d	9,980	180	---	1,120	82.0	86.0	1,740
MW3	09/13/04	17.02	5.91	11.11	No	390d	1,640	183	---	454	4.8	6.7	6.8
MW3	12/22/04	17.02	4.88	12.14	No	209d,f	1,770	44.9	---	230	2.8	8.2	9.2
MW3	03/24/05	17.02	3.59	13.43	No	808d	4,800	---	128	930	45.1	59.6	425
MW3	06/14/05	17.02	4.71	12.31	No	1,440d	6,080	---	144	1,330	34.0	39.0	217
MW3	09/12/05	17.02	7.03	9.99	No	417d	1,480	---	114	447	4.48	8.40	13.9
MW3	12/13/05	17.02	5.89	11.13	No	317d	1,160	---	26.5	218	2.19	3.87	6.70
MW3	03/13/06	17.02	4.41	12.61	No	640d	2,800	---	45	830	12	10	17
MW3	06/12/06	17.02	5.41	11.61	No	620d,f	4,800	---	43	580	20	42	480
MW3	09/08/06	17.02	6.16	10.86	No	130d	810	---	22	130	<2.5	<2.5	<2.5

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

Well ID	Sampling Date	TOC Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW3	12/05/06	17.02	6.61	10.41	No	110d	720	---	16	100	<2.5	<2.5	<2.5
MW3	03/12/07	17.02	4.70	12.32	No	160d	720	---	12	79	<2.5	4.1	4.4
MW3	05/29/07	17.02	5.87	11.15	No	195d	782	---	14.7	109	1.76	1.89	2.79f
MW3	08/29/07	17.02	6.64	10.38	No	100d	530	---	10	64	<2.5	<2.5	<2.5
MW3	11/29/07	17.02	6.32	10.70	No	100d	560	---	9.8	72	<2.5	<2.5	<2.5
MW3	02/27/08	17.02	4.49	12.53	No	130d	690	---	12	110	<2.5	7.5	8.8
MW3	05/28/08	17.02	6.19	10.83	No	819d	1,640f	---	13.8f	85.6	<0.50	130	37.5
MW3	08/27/08	17.02	6.35	10.67	No	150	700	---	9.5	54	0.65	1.3	1.1
MW3	11/25/08	17.02	6.15	10.87	No	110	460	---	7.8	56	0.64	1.1	<1.0
MW3	02/25/09	17.02	4.11	12.91	No	84	260	---	9.3	48	0.73	3.2	2.9
MW3	05/27/09	17.02	5.14	11.88	No	<50	2,400	---	9.1	220	12	79	260
MW3	09/08/09	17.02	6.30	10.72	No	---	---	---	---	---	---	---	---
MW3	09/09/09	17.02	---	---	---	150d	540	---	5.0	41	<0.50	1.5	3.8
MW3	12/02/09	17.02	6.02	11.00	No	150d	700d	---	8.8	49	1.1	1.7	1.3
MW3	04/28/10	17.02	4.87	12.15	No	780d	1,700d	---	6.4	150	6.0	8.2	7.3
MW3	**11/18/10**	**17.02**	**6.42**	**10.60**	**No**	**98**	**500**	**---**	**4.9**	**19**	**0.53e**	**0.92**	**<1.0**
MW4	01/17/89	17.34	5.36	11.98	No	---	19,000	---	---	1,000	1,500	360	2,200
MW4	01/24/89	17.34	5.46	11.88	No	---	---	---	---				
MW4	06/01/89	17.34	6.01	11.33	No	---	3,600	---	---	180	240	63	810
MW4	09/18/89	17.34	6.80	10.54	No	---	6,000	---	---	290	200	28	510
MW4	10/20/89	17.34	7.08	10.26	No	---	---	---	---	---	---	---	---
MW4	11/22/89	17.34	6.82	10.52	No	---	---	---	---	---	---	---	---
MW4	12/11/89	17.34	6.37	10.97	No	---	13,000	---	---	750	910	510	1,200
MW4	02/13/90	17.34	5.49	11.85	No	---	---	---	---	---	---	---	---
MW4	03/07/90	17.34	---	---	---	---	---	---	---	---	---	---	---
MW4	03/13/90	17.34	5.44	11.90	No	---	12,000	---	---	1,500	1,500	470	28,000
MW4	04/18/90	17.34	6.14	11.20	No	---	---	---	---	---	---	---	---
MW4	05/23/90	17.34	6.22	11.12	No	---	---	---	---	---	---	---	---
MW4	06/14/90	17.34	5.92	11.42	No	---	12,000	---	---	5,700	400	1,300	760
MW4	08/21/90	17.34	6.83	10.51	No	---	---	---	---	---	---	---	---
MW4	09/19/90	17.34	7.07	10.27	No	---	5,500	---	---	670	180	390	1,000
MW4	12/17/90	17.34	6.50	10.84	No	---	14,000	---	---	1,400	620	540	2,100
MW4	01/31/91	17.34	6.66	10.68	No	---	---	---	---	---	---	---	---
MW4	02/25/91	17.34	6.21	11.13	No	---	---	---	---	---	---	---	---
MW4	03/19/91	17.34	5.29	12.05	No	---	11,000	---	---	1,500	740	620	2,100
MW4	04/22/91	17.34	5.26	12.08	No	---	---	---	---	---	---	---	---
MW4	05/17/91	17.34	5.60	11.74	No	---	---	---	---	---	---	---	---
MW4	07/24/91	17.34	6.54	10.80	No	---	10,000	---	---	1,200	440	410	1,200
MW4	09/10/91	17.34	7.04	10.30	No	---	---	---	---	---	---	---	---
MW4	09/23/91	17.34	7.14	10.20	No	---	---	---	---	---	---	---	---

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

Well ID	Sampling Date	TOC Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	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	10/21/91	17.34	7.30	10.04	Sheen	---	---	---	---	---	---	---	---
MW4	10/22/91	17.34	---	---	---	---	4,600	---	---	750	190	350	780
MW4	11/18/91	17.34	6.90	10.44	No	---	---	---	---	---	---	---	---
MW4	12/11/91	17.34	7.01	10.33	No	---	---	---	---	---	---	---	---
MW4	01/21/92	17.34	6.25	11.09	No	---	6,000	---	---	1,300	320	510	1,200
MW4	02/20/92	17.34	4.79	12.55	No	---	---	---	---	---	---	---	---
MW4	03/19/92	17.34	4.70	12.64	No	---	---	---	---	---	---	---	---
MW4	04/24/92	17.34	5.25	12.09	Sheen	---	11,000	---	---	1,700	630	710	1,600
MW4	05/13/92	17.34	5.62	11.72	Sheen	---	---	---	---	---	---	---	---
MW4	06/24/92	17.34	6.19	11.15	Sheen	---	---	---	---	---	---	---	---
MW4	07/16/92	17.34	6.51	10.83	Sheen	---	5,400	---	---	870	240	440	700
MW4	08/19/92	17.34	6.85	10.49	No	---	---	---	---	---	---	---	---
MW4	09/24/92	17.34	7.17	10.17	No	---	5,900	---	---	1,300	130	530	690
MW4	02/05/93	17.34	4.61	12.73	No	---	15,000	---	---	2,300	820	980	2,200
MW4	04/30/93	17.34	5.59	11.75	No	---	21,000	---	---	4,000	960	1,500	2,900
MW4	05/14/93	17.34	6.50	10.84	No	---	---	---	---	---	---	---	---
MW4	07/15/93	17.34	7.50	9.84	No	---	2,300	---	---	440	55	130	220
MW4	10/21/93	17.34	7.77	9.57	---	---	---	---	---	---	---	---	---
MW4	11/16/93	17.34	8.27	9.07	No	---	5,100	---	---	820	160	260	760
MW4	11/30/93	17.34	8.02	9.32	---	---	---	---	---	---	---	---	---
MW4	12/17/93	17.34	7.04	10.30	---	---	---	---	---	---	---	---	---
MW4	01/31/94	17.34	6.36	10.98	---	---	---	---	---	---	---	---	---
MW4	02/24/94 - 02/25/94	17.34	5.78	11.56	No	---	9,800	---	---	2,200	190	660	1,200
MW4	09/12/94	17.34	6.80	10.54	No	---	5,200a	---	---	900	57	310	490
MW4	10/01/94	17.34	7.09	10.25	No	---	9,100a	---	---	1,200	66	360	380
MW4	01/13/95	17.34	4.66	12.68	No	---	25,000a	---	---	1,300	200	550	1,000
MW4	04/27/95	17.34	5.54	11.80	No	---	5,900	---	---	650	130	350	590
MW4	08/03/95	17.34	6.92	10.42	No	---	4,200	5,700	---	1,000	<12	170	140
MW4	10/17/95	17.34	7.50	9.84	No	---	6,900	1,700	---	1,300	30	360	380
MW4	01/24/96	17.34	5.81	11.53	No	---	6,300	830	---	1,900	46	290	330
MW4	04/24/96	17.34	5.44	11.90	No	---	5,000	1,600	---	1,800	<20	190	130
MW4	07/26/96	17.34	7.03	10.31	No	---	9,100	1,200	---	1,700	<25	340	280
MW4	10/30/96	17.34	7.57	9.77	No	---	5,300	1,500	---	1,100	35	420	300
MW4	01/31/97	17.34	4.22	13.12	No	---	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	No	---	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	No	---	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	No	---	2,900	2,800	---	680	<10	220	56
MW4	10/19/98	17.34	6.51	10.83	No	---	---	---	---	---	---	---	---
MW4	01/13/99	17.34	6.24	11.10	No	---	2,140	1,800	---	146	<10	60.9	16.2

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

Well ID	Sampling Date	TOC Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	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	04/28/99	17.34	4.80	12.54	---	---	---	---	---	---	---	---	---
MW4	07/09/99	17.34	6.04	11.30	No	---	1,300	1,310	---	322	<2.5	76.1	<2.5
MW4	10/25/99	17.34	6.51	10.83	No	---	---	---	---	---	---	---	---
MW4	01/21/00	17.34	5.75	11.59	No	---	2,200	1,000	---	410	3.70	40	14.4
MW4	04/14/00	17.34	4.39	12.95	No	---	---	---	---	---	---	---	---
MW4	06/16/00	17.34	Property transferred to Valero Refining Company.										
MW4	07/05/00	17.34	5.48	11.86	No	---	1,600	260	---	400	3.9	100	84
MW4	10/03/00	17.34	6.22	11.12	No	---	1,600	190	---	280	2	64	34.10
MW4	01/02/01	17.34	5.93	11.41	No	---	840	1,000	---	210	2.5	45	28.10
MW4	04/02/01	17.34	4.89	12.45	No	---	1,900	320	---	340	8.5	110	116
MW4	07/02/01	17.34	5.83	11.51	No	---	100	<2	---	3.9	<0.5	0.65	<0.5
MW4	10/15/01	17.34	6.36	10.98	No	---	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	No	774	1,250	46.1	---	124	4.40	46.7	43.5
MW4	05/06/02	17.29	4.95	12.34	No	776	2,040	1,410	2,120	165	5.0	42.0	39.0
MW4	08/22/02	17.29	6.65	10.64	No	445	1,570	1,070	---	73.3	<0.5	9.9	6.8
MW4	11/08/02	17.29	5.60	11.69	No	680	2,340	1,200	---	169	4.3	34.9	23.3
MW4	02/07/03	17.29	4.97	12.32	No	429	2,250	672	---	125	24.9	60.0	109
MW4	05/02/03	17.29	4.92	12.37	No	631	2,450	1,230	---	82.9	2.8	26.4	24.7
MW4	08/14/03	17.29	6.35	10.94	No	444	1,160	286	---	97.0	2.8	14.6	7.4
MW4	11/14/03	17.29	Well inaccessible.										
MW4	03/01/04	17.29	3.65	13.64	No	571d	1,860	---	66.7	104	4.4	38.3	25.4
MW4	06/15/04	17.29	5.60	11.69	No	453d	632	35.0	---	63.8	1.6	7.3	5.9
MW4	09/13/04	17.29	6.23	11.06	No	444d	1,120	93.4	---	126	3.9	17.8	9.7
MW4	12/22/04	17.29	5.01	12.28	No	561d,f	1,600	31.2	---	105	3.9	24.8	13.3
MW4	03/24/05	17.29	3.64	13.65	No	756d	2,120	---	255	94.9	4.9	44.6	32.3
MW4	06/14/05	17.29	4.84	12.45	No	992d	1,760	---	20.3	105	5.2	25.2	15.1
MW4	09/12/05	17.29	7.41	9.88	No	351d	922	---	524	48.2	<0.50	1.63	1.70
MW4	12/13/05	17.29	6.18	11.11	No	728d	1,970	---	836h	144	4.63	15.9	8.64
MW4	03/13/06	17.29	4.71	12.58	No	590d	1,400	---	16	84	2.7	22	15
MW4	06/12/06	17.29	5.88	11.41	No	330d,f	840	---	11	83	3.0	9.8	11
MW4	09/08/06	17.29	6.48	10.81	No	320d	1,000	---	65	88	3.4	6.1	3.6
MW4	12/05/06	17.29	7.15	10.14	No	240d	680	---	78	43	<2.5	3.2	<2.5
MW4	03/12/07	17.29	4.62	12.67	No	390d	1,200	---	44	57	1.8	11	7.4
MW4	05/29/07	17.29	6.32	10.97	No	772d	531	---	8.65	51.6	2.39	6.59	4.63f
MW4	08/29/07	17.29	7.02	10.27	No	250d	470	---	6.8	40	<2.5	4.2	3.0
MW4	11/29/07	17.29	6.61	10.68	No	320d	680	---	5.1	46	<2.5	6.8	4.2
MW4	02/27/08	17.29	4.87	12.42	No	440d	1,000	---	3.4	56	<2.5	18	5.7
MW4	05/28/08	17.29	6.00	11.29	No	714d	627f	---	4.13f	61.6	<0.50	7.36	2.88
MW4	08/27/08	17.29	6.64	10.65	No	400	410	---	2.1	25	1.5	3.7	2.9
MW4	11/25/08	17.29	6.49	10.80	No	<50	970	---	<0.50	57	2.9	7.2	3.5
MW4	02/25/09	17.29	4.22	13.07	No	300	1,300	---	<2.5	50	4.4	23	11

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

Well ID	Sampling Date	TOC Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	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	05/27/09	17.29	5.40	11.89	No	<50	1,300	---	<2.5	53	2.9	11	7.6
MW4	09/08/09	17.29	6.67	10.62	No	330d	740	---	1.5	26	2.0	4.1	3.2
MW4	12/02/09	17.29	6.48	10.81	No	320d	820d	---	1.1	24	1.4	4.1	2.4
MW4	04/28/10	17.29	5.39	11.90	No	600d	1,100d	---	2.9	43	3.9	16	9.7
MW4	**11/18/10**	**17.29**	**6.99**	**10.30**	**No**	**320**	**440d**	**---**	**0.77**	**8.1**	**0.74**	**1.8**	**1.9**
MW5	01/17/89	16.71	5.39	11.32	No	---	26,000	---	---	8,700	3,900	990	5,900
MW5	01/24/89	16.71	5.51	11.20	No	---	---	---	---	---	---	---	---
MW5	06/01/89	16.71	5.83	10.88	Sheen	---	5,200	---	---	240	220	130	690
MW5	09/18/89	16.71	6.52	10.19	No	---	8,000	---	---	340	150	140	460
MW5	10/20/89	16.71	6.72	9.99	No	---	---	---	---	---	---	---	---
MW5	11/22/89	16.71	6.54	10.17	No	---	---	---	---	---	---	---	---
MW5	12/11/89	16.71	6.21	10.50	No	---	15,000	---	---	720	320	450	870
MW5	02/13/90	16.71	5.60	11.11	No	---	---	---	---	---	---	---	---
MW5	03/07/90	16.71	---	---	---	---	---	---	---	---	---	---	---
MW5	03/13/90	16.71	5.54	11.17	No	---	10,000	---	---	3,400	220	280	800
MW5	04/18/90	16.71	5.75	10.96	No	---	---	---	---	---	---	---	---
MW5	05/23/90	16.71	5.98	10.73	No	---	---	---	---	---	---	---	---
MW5	06/14/90	16.71	5.81	10.90	No	---	12,000	---	---	3,300	160	350	730
MW5	08/21/90	16.71	6.51	10.20	No	---	---	---	---	---	---	---	---
MW5	09/19/90	16.71	6.70	10.01	No	---	8,500	---	---	1,800	85	120	460
MW5	12/17/90	16.71	6.24	10.47	Sheen	---	18,000	---	---	2,300	810	430	1,400
MW5	01/31/91	16.71	6.31	10.40	No	---	---	---	---	---	---	---	---
MW5	02/25/91	16.71	6.13	10.58	No	---	---	---	---	---	---	---	---
MW5	03/19/91	16.71	5.32	11.39	No	---	17,000	---	---	2,900	610	580	1,200
MW5	04/22/91	16.71	5.30	11.41	Sheen	---	---	---	---	---	---	---	---
MW5	05/17/91	16.71	5.59	11.12	No	---	---	---	---	---	---	---	---
MW5	07/24/91	16.71	6.33	10.38	No	---	16,000	---	---	3,200	320	690	1,100
MW5	09/10/91	16.71	6.66	10.05	No	---	---	---	---	---	---	---	---
MW5	09/23/91	16.71	6.75	9.96	No	---	---	---	---	---	---	---	---
MW5	10/21/91	16.71	6.92	9.79	Sheen	---	---	---	---	---	---	---	---
MW5	10/22/91	16.71	---	---	---	---	6,600	---	---	2,000	64	320	480
MW5	11/18/91	16.71	6.55	10.16	No	---	---	---	---	---	---	---	---
MW5	12/11/91	16.71	6.64	10.07	No	---	---	---	---	---	---	---	---
MW5	01/21/92	16.71	6.07	10.64	Sheen	---	14,000	---	---	4,000	190	630	1,300
MW5	02/20/92	16.71	4.83	11.88	No	---	---	---	---	---	---	---	---
MW5	03/19/92	16.71	4.83	11.88	Sheen	---	---	---	---	---	---	---	---
MW5	04/24/92	16.71	5.32	11.39	Sheen	---	12,000	---	---	2,600	120	620	530
MW5	05/13/92	16.71	5.61	11.10	Sheen	---	---	---	---	---	---	---	---
MW5	06/24/92	16.71	6.17	10.54	No	---	---	---	---	---	---	---	---
MW5	07/16/92	16.71	6.25	10.46	Sheen	---	20,000	---	---	4,000	48	880	720

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

Well ID	Sampling Date	TOC Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	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	08/19/92	16.71	6.53	10.18	Sheen	---	---	---	---	---	---	---	---
MW5	09/24/92	16.71	6.80	9.91	Sheen	---	9,300	---	---	2,200	31	330	250
MW5	02/05/93 l	16.71	4.70	12.01	No	---	---	---	---	---	---	---	---
MW5	04/30/93	16.71	5.43	11.28	Sheen	---	30,000	---	---	5,900	450	1,900	1,500
MW5	05/14/93	16.71	7.31	9.40	No	---	---	---	---	---	---	---	---
MW5	07/15/93	16.71	7.93	8.83	0.07	---	---	---	---	---	---	---	---
MW5	10/21/93	16.71	7.25	9.46	---	---	---	---	---	---	---	---	---
MW5	11/15/93	16.71	8.42	8.32	0.04	---	---	---	---	---	---	---	---
MW5	11/30/93	16.71	8.10	8.61	---	---	---	---	---	---	---	---	---
MW5	12/17/93	16.71	7.43	9.28	---	---	---	---	---	---	---	---	---
MW5	01/31/94	16.71	5.95	10.76	---	---	---	---	---	---	---	---	---
MW5	02/24/94 - 02/25/94	16.71	6.23	10.48	Sheen	---	---	---	---	---	---	---	---
MW5	09/12/94	16.71	7.12	9.59	No	---	10,000a,d	---	---	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	No	---	14,000	---	---	2,200	72	540	350
MW5	08/03/95	16.71	7.24	9.47	No	---	<10,000	39,000	---	2,100	<100	210	<100
MW5	10/17/95	16.71	7.80	8.91	No	---	13,000	38,000	---	1,800	14	240	170
MW5	01/24/96	16.71	6.66	10.05	No	---	10,000	20,000	---	2,400	79	340	190
MW5	04/24/96	16.71	5.80	10.91	No	---	13,000	33,000	---	3,700	120	520	170
MW5	07/26/96	16.71	7.67	9.04	No	---	15,000	140,000	---	3,400	53	280	76
MW5	10/30/96	16.71	7.77	8.94	No	---	10,000	110,000a	---	2,600	76	260	150
MW5	01/31/97	16.71	4.90	11.81	No	---	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	No	---	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	No	---	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	No	---	8,300	4,300	---	1,700	26	110	66
MW5	10/19/98	16.71	6.20	10.51	No	---	---	---	---	---	---	---	---
MW5	01/13/99	16.71	6.37	10.34	No	---	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	No	---	4,360	2,360	---	1,780	18.6	45	<5.0
MW5	10/25/99	16.71	6.46	10.25	No	---	---	---	---	---	---	---	---
MW5	01/21/00	16.71	5.79	10.92	No	---	2,600	3,100	---	720	4.7	25	11.3
MW5	04/14/00	16.71	4.57	12.14	No	---	---	---	---	---	---	---	---
MW5	06/16/00	16.71	Property transferred to Valero Refining Company.										
MW5	07/05/00	16.71	5.37	11.34	No	---	5,100	380	---	1,800	14	52	34
MW5	10/03/00	16.71	5.93	10.78	No	---	5,800	630	---	2,000	8.9	59	21
MW5	01/02/01	16.71	5.68	11.03	No	---	4,800	1,100	---	1,600	9.6	38	15
MW5	04/02/01	16.71	4.87	11.84	No	---	6,800	1,500	---	2,000	40	150	49
MW5	07/02/01	16.71	5.77	10.94	No	---	4,100	960	---	1,600	20	35	21

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

Well ID	Sampling Date	TOC Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	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	10/15/01	16.71	6.15	10.56	No	---	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	No	976	4,380	620	---	1,440	38.0	84.0	50.0
MW5	05/06/02	16.64	5.00	11.64	No	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	No	695	3,190	545	---	823	9.0	11.0	31.0
MW5	11/08/02	16.64	5.31	11.33	No	645	3,360	746	---	1,050	9.4	11.1	17.8
MW5	02/07/03	16.64	5.75	10.89	No	689	3,550	400	---	1,100	25.0	65.0	29.0
MW5	05/02/03	16.64	5.34	11.30	No	934	4,070	439	---	818	16.9	31.9	28.6
MW5	08/14/03	16.64	6.37	10.27	No	988d	3,860	286	---	912	15.6	16.2	24.0
MW5	11/14/03	16.64	6.01	10.63	No	1,000d	3,450	198	---	841	15.0	14.8	17.4
MW5	03/01/04	16.64	4.04	12.60	No	711d	3,160	---	52.7	767	21.5	32.5	26.5
MW5	06/15/04	16.64	5.47	11.17	No	600d	4,520	52.0	---	930	14.5	17.5	24.5
MW5	09/13/04	16.64	5.99	10.65	No	686d	3,960	70.0	---	998	12.0	14.0	20.0
MW5	12/22/04	16.64	5.08	11.56	No	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	No	1,240d	3,370	---	30.7	962	24.3	80.5	80.0
MW5	06/14/05	16.64	4.92	11.72	No	1,640d	4,210	---	28.1	976	25.0	51.0	64.0
MW5	09/12/05	16.64	7.86	8.78	No	780d	1,130	---	23.4	481	6.44	4.94	10.1
MW5	12/13/05	16.64	6.22	10.42	No	1,090d	2,210	---	18.7	698	8.07	9.59	8.15
MW5	03/13/06	16.64	5.52	11.12	No	770d	3,000	---	10	510	17	63	37
MW5	06/12/06	16.64	6.42	10.22	No	490d,f	2,200	---	6.8	290	14	22	40
MW5	09/08/06	16.64	6.07	10.57	No	600d	2,300	---	7.9	360	<10	<10	<10
MW5	12/05/06	16.64	7.71	8.93	No	710d	1,900	---	7.1	300	6.3	<5.0	5.7
MW5	03/12/07	16.64	4.95	11.69	No	630d	2,300	---	5.5	310	23	32	37
MW5	05/29/07	16.64	6.51	10.13	No	1,710d	2,880	---	5.24	438	18.3	19.3	45.6f
MW5	08/29/07	16.64	7.03	9.61	No	590d	2,000	---	6.3	220	<5.0	<5.0	9.0
MW5	11/29/07	16.64	6.67	9.97	No	480d	1,400	---	4.8	150	7.2	<5.0	6.9
MW5	02/27/08	16.64	5.22	11.42	No	830d	2,600	---	2.8	260	22	79	65
MW5	05/28/08	16.64	6.10	10.54	No	1,630d	2,040f	---	4.17f	249	10.7	16.8	29.0
MW5	08/27/08	16.64	6.32	10.32	No	1,100	2,300	---	<5.0	170	5.1	5.5	9.4
MW5	11/25/08	16.64	6.36	10.28	No	1,000	2,700	---	<5.0	220	8.7	10	12
MW5	02/25/09	16.64	4.25	12.39	No	950	3,100	---	<5.0	290	22	68	50
MW5	05/27/09	16.64	5.26	11.38	No	1,600	3,100	---	<5.0	47	2.5	7.7	8.3
MW5	09/08/09	16.64	6.65	9.99	No	---	---	---	---	---	---	---	---
MW5	09/09/09	16.64	---	---	---	720d	2,300	---	<2.5	100	<0.50	6.2	14
MW5	12/02/09	16.64	6.75	9.89	No	910d	2,400d	---	<2.0	110	4.5	11	11
MW5	04/28/10	16.64	6.20	10.44	No	1,600d	3,700d	---	1.2	160	30	120	110
MW5	**11/18/10**	**16.64**	**7.03**	**9.61**	**No**	**1,000**	**3,100d**	**---**	**8.9**	**180**	**11**	**8.7**	**16**
MW6	01/17/89	17.56	5.59	11.97	No	---	38,000	---	---	7,400	9,300	2,000	9,900
MW6	01/24/89	17.56	5.27	12.29	No	---	---	---	---	---	---	---	---
MW6	06/01/89	17.56	6.25	11.31	Sheen	---	23,000	---	---	1,900	2,500	2,000	6,000

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

Well ID	Sampling Date	TOC Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	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	09/18/89	17.56	6.95	10.61	No	---	17,000	---	---	650	410	650	320
MW6	10/20/89	17.56	7.24	10.32	No	---	---	---	---	---	---	---	---
MW6	11/22/89	17.56	7.05	10.51	No	---	---	---	---	---	---	---	---
MW6	12/11/89	17.56	6.63	10.93	No	---	29,000	---	---	1,100	810	330	1,500
MW6	02/13/90	17.56	5.70	11.86	No	---	---	---	---	---	---	---	---
MW6	03/07/90	17.56	---	---	---	---	---	---	---	---	---	---	---
MW6	03/13/90	17.56	5.63	11.93	No	---	38,000	---	---	12,000	15,000	2,500	12,000
MW6	04/18/90	17.56	6.26	11.30	No	---	---	---	---	---	---	---	---
MW6	05/23/90	17.56	6.42	11.14	No	---	---	---	---	---	---	---	---
MW6	06/14/90	17.56	6.19	11.37	No	---	38,000	---	---	9,100	7,800	2,900	12,000
MW6	08/21/90	17.56	7.01	10.55	No	---	---	---	---	---	---	---	---
MW6	09/19/90	17.56	7.23	10.33	No	---	22,000	---	---	4,200	300	1,400	3,400
MW6	12/17/90	17.56	6.66	10.90	No	---	20,000	---	---	3,100	4,100	890	2,700
MW6	01/31/91	17.56	6.39	11.17	No	---	---	---	---	---	---	---	---
MW6	02/25/91	17.56	6.39	11.17	No	---	---	---	---	---	---	---	---
MW6	03/19/91	17.56	5.57	11.99	No	---	180,000	---	---	11,000	55,000	5,600	28,000
MW6	04/22/91	17.56	5.42	12.14	No	---	---	---	---	---	---	---	---
MW6	05/17/91	17.56	5.73	11.83	No	---	---	---	---	---	---	---	---
MW6	07/24/91	17.56	6.72	10.84	No	---	48,000	---	---	5,400	2,300	2,000	9,000
MW6	09/10/91	17.56	7.15	10.41	No	---	---	---	---	---	---	---	---
MW6	09/23/91	17.56	7.25	10.31	No	---	---	---	---	---	---	---	---
MW6	10/21/91	17.56	7.42	10.14	No	---	---	---	---	---	---	---	---
MW6	10/22/91	17.56	---	---	---	---	18,000	---	---	3,100	700	1,400	2,900
MW6	11/18/91	17.56	7.08	10.48	No	---	---	---	---	---	---	---	---
MW6	12/11/91	17.56	7.17	10.39	No	---	---	---	---	---	---	---	---
MW6	01/21/92	17.56	6.40	11.16	No	---	9,400	---	---	2,100	370	1,000	1,100
MW6	02/20/92	17.56	5.06	12.50	No	---	---	---	---	---	---	---	---
MW6	03/19/92	17.56	4.86	12.70	No	---	---			---	---	---	---
MW6	04/24/92	17.56	5.44	12.12	No	---	42,000	---	---	3,500	8,000	2,100	8,000
MW6	05/13/92	17.56	5.83	11.73	No	---	---	---	---	---	---	---	---
MW6	06/24/92	17.56	6.50	11.06	No	---	---	---	---	---	---	---	---
MW6	07/16/92	17.56	6.68	10.88	No	---	14,000	---	---	1,600	1,000	1,000	2,500
MW6	08/19/92	17.56	7.00	10.56	No	---	---	---	---	---	---	---	---
MW6	09/24/92	17.56	7.28	10.28	No	---	4,700	---	---	790	97	640	540
MW6	02/05/93	17.56	4.84	12.72	No	---	26,000	---	---	2,500	4,300	1,700	5,300
MW6	04/30/93	17.56	5.69	11.87	No	---	9,600	---	---	1,000	410	1,100	1,600
MW6	05/14/93	17.56	6.52	11.04	No	---	---	---	---	---	---	---	---
MW6	07/15/93	17.56	7.51	10.05	No	---	4,600	---	---	250	72	540	650
MW6	10/21/93	17.56	7.85	9.71	---	---	---	---	---	---	---	---	---
MW6	11/16/93	17.56	8.29	9.27	No	---	410	---	---	41	12	47	71
MW6	11/30/93	17.56	8.08	9.48	---	---	---	---	---	---	---	---	---
MW6	12/17/93	17.56	7.27	10.29	---	---	---	---	---	---	---	---	---

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

Well ID	Sampling Date	TOC Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	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	01/31/94	17.56	6.62	10.94	---	---	---	---	---	---	---	---	---
MW6	02/24/94 - 02/25/94	17.56	6.23	11.33	No	---	4,300	---	---	190	190	300	460
MW6	09/12/94	17.56	6.88	10.68	No	---	1,500a,d	---	---	150	4.4	170	85
MW6	10/01/94	17.56	7.15	10.41	No	---	87a	---	---	120	<0.5	99	38
MW6	01/13/95	17.56	4.80	12.76	No	---	9,900a	---	---	710	220	780	1,100
MW6	04/27/95	17.56	6.14	11.42	No	---	3,900	---	---	340	40	460	320
MW6	08/03/95	17.56	6.83	10.73	No	---	1,100	65	---	89	<2.5	110	63
MW6	10/17/95	17.56	7.66	9.90	No	---	8,500	<5.0	---	410	74	850	110
MW6	01/24/96	17.56	5.86	11.70	No	---	31,000	<5.0	---	560	1,500	2,200	7,500
MW6	04/24/96	17.56	5.39	12.17	No	---	15,000	280	---	460	570	1,400	3,300
MW6	07/26/96	17.56	6.97	10.59	No	---	27,000	1,300	---	270	660	1,600	5,500
MW6	10/30/96	17.56	7.45	10.11	No	---	28,000	900	---	490	440	1,800	6,200
MW6	01/31/97	17.56	4.30	13.26	No	---	7,000	770	---	190	1,000	380	1,400
MW6	04/10/97	17.56	---	---	---	---	---	---	---	---	---	---	---
MW6	07/10/97	17.56	7.57	9.99	No	---	6,800	1,100	---	200	<50	300	860
MW6	10/08/97	17.56	7.48	10.08	No	---	51,000	580	---	870	7,300	2,600	12,000
MW6	01/28/98	17.56	3.74	13.82	No	---	15,000	---	2,400	650	2,300	900	2,700
MW6	04/14/98	17.56	3.92	13.64	No	---	25,000	---	2,100	850	3,300	1,200	4,300
MW6	07/30/98	17.56	6.09	11.47	No	---	5,900	910	---	270	65	500	630
MW6	10/19/98	17.56	6.56	11.00	No	---	---	---	---	---	---	---	---
MW6	01/13/99	17.56	6.35	11.21	No	---	3,150	422	---	204	107	297	304
MW6	04/28/99	17.56	4.89	12.67	No	---	15,300	---	436	1,270	980	1,100	3,320
MW6	07/09/99	17.56	6.07	11.49	No	---	1,140	439	---	121	9.95	160	4.69
MW6	10/25/99	17.56	6.11	11.45	No	---	2,200	3,400	---	590	<10	22	12.1
MW6	01/21/00	17.56	5.86	11.70	No	---	1,300	1,000	---	95	15	94	74
MW6	04/14/00	17.56	4.29	13.27	No	---	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	No	---	5,800	830	---	1,000	13	550	798
MW6	10/03/00	17.56	6.14	11.42	No	---	490	3,800	---	61	<0.5	74	12
MW6	01/02/01	17.56	---	---	---	---	---	---	---	---	---	---	---
MW6	04/02/01	17.56	4.70	12.86	No	400	16,000	450	---	370	690	870	3,200
MW6	07/02/01	17.56	8.73	8.83	No	520	3,700	2,000	---	330	<5	160	32
MW6	10/15/01	17.56	6.24	11.32	No	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	No	168	14,800	545	---	425	120	1,480	4,030
MW6	05/06/02	17.31	4.83	12.48	No	1,540	8,580	380	522.0	988	24.0	866	1,080
MW6	08/22/02	17.31	6.49	10.82	No	10,400	4,050	716	---	44.5	11.5	460	270
MW6	11/08/02	17.31	5.49	11.82	No	822	5,640	1,150	---	49.3	42.7	586	858
MW6	02/07/03	17.31	4.89	12.42	No	1,590	14,300	572	---	134	393	1,000	3,720
MW6	05/02/03	17.31	4.68	12.63	No	1,550	8,880	1,560	---	92.0	167	672	1,530
MW6	08/14/03	17.31	6.15	11.16	No	666d	6,560	3,780	---	28.2	5.3	133	184
MW6	11/14/03	17.31	6.03	11.28	No	338d	5,370	4,520	---	26.4	3.1	44.9	45.0

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

Well ID	Sampling Date	TOC Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	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	03/01/04	17.31	3.60	13.71	No	1,630d	9,020	---	134	223	265	546	1,700
MW6	06/15/04	17.31	5.41	11.90	No	521d	6,920	3,470	---	300	10.0	97.0	173
MW6	09/13/04	17.31	6.06	11.25	No	122d	1,010	733	---	23	<5.0	11.0	<5.0
MW6	12/22/04	17.31	4.98	12.33	No	884d,f	4,050	75.4	---	101	169	208	980
MW6	03/24/05	17.31	3.59	13.72	No	1,310d	7,650	---	129	460	46.0	365	1,240
MW6	06/14/05	17.31	4.67	12.64	No	895d	1,940	---	153	195	7.6	26.3	18.3
MW6	09/12/05	17.31	7.12	10.19	No	182d	560	---	286	10.2	<0.50	<0.50	<0.50
MW6	12/13/05	17.31	5.98	11.33	No	212d	397	---	88.1	12.6	2.64	3.31	4.58
MW6	03/13/06	17.31	4.28	13.03	No	850d	4,300	---	110	440	40	130	900
MW6	06/12/06	17.31	5.40	11.91	No	350d,f	1,600	---	<5.0	120	<10	<10	31
MW6	09/08/06	17.31	6.34	10.97	No	66d	290	---	16	4.0	<0.50	<0.50	<0.50
MW6	12/05/06	17.31	6.74	10.57	No	75d	260	---	23	3.5	<0.50	<0.50	1.8
MW6	03/12/07	17.31	4.71	12.60	No	170d	890	---	11	12	2.8	12	88
MW6	05/29/07	17.31	5.96	11.35	No	169d	318	---	7.08	7.77	1.03	<0.50	0.98f
MW6	08/29/07	17.31	6.80	10.51	No	60d	170	---	<2.5	3.1	<0.50	<0.50	<0.50
MW6	11/29/07	17.31	6.46	10.85	No	<47	180	---	<2.5	<0.50	<0.50	<0.50	<0.50
MW6	02/27/08	17.31	4.44	12.87	No	1,200d	14,000	---	30	82	250	1,200	4,500
MW6	05/28/08	17.31	5.75	11.56	No	3,610d	19,800	---	6.45f	33.4	30.2	1,080	3,270f
MW6	08/27/08	17.31	6.50	10.81	No	2,600	7,600	---	<50	33	16	710	1,800
MW6	11/25/08	17.31	6.27	11.04	No	2,100	8,100	---	<50	74	100	2,100	2,600
MW6	02/25/09	17.31	4.09	13.22	No	1,900	7,700	---	<50	75	250	1,200	1,700
MW6	05/27/09	17.31	5.26	12.05	No	88	5,100	---	<10	4.2	1.6	43	72
MW6	09/08/09	17.31	6.42	10.89	No	---	---	---	---	---	---	---	---
MW6	09/09/09	17.31	---	---	---	2,000d	4,200	---	<10	29	9.8	330	80
MW6	12/02/09	17.31	6.14	11.17	No	1,800d	4,800d	---	<5.0	25	34	240	18
MW6	04/28/10	17.31	4.90	12.41	No	660d	1,300d	---	<1.0	17	3.2	29	18
MW6	**11/18/10**	**17.31**	**6.58**	**10.73**	**No**	**74**	**170d**	**---**	**0.52**	**0.68**	**<0.50**	**<0.50**	**<1.0**
MW7	01/09/90	17.12	---	---	---	---	17,000	---	---	380	180	330	1,300
MW7	02/13/90	17.12	4.98	12.14	No	---	---	---	---	---	---	---	---
MW7	03/13/90	17.12	4.94	12.18	No	---	16,000	---	---	360	270	83	460
MW7	05/23/90	17.12	5.87	11.25	No	---	---	---	---	---	---	---	---
MW7	06/14/90	17.12	5.55	11.57	No	---	14,000	---	---	1,200	2,800	75	930
MW7	09/19/90	17.12	6.79	10.33	No	---	16,000	---	---	2,800	95	2,500	1,700
MW7	12/17/90	17.12	6.15	10.97	No	---	75,000	---	---	2,600	7,000	3,300	14,000
MW7	01/31/91	17.12	6.64	10.48	No	---	---	---	---	---	---	---	---
MW7	02/25/91	17.12	5.80	11.32	No	---	---	---	---	---	---	---	---
MW7	03/19/91	17.12	4.96	12.16	No	---	44,000	---	---	1,600	740	3,400	8,600
MW7	04/22/91	17.12	4.82	12.30	No	---	---	---	---	---	---	---	---
MW7	05/17/91	17.12	5.18	11.94	No	---	---	---	---	---	---	---	---
MW7	07/24/91	17.12	6.22	10.90	No	---	18,000	---	---	1,300	160	2,700	1,000

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

Well ID	Sampling Date	TOC Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	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	09/10/91	17.12	6.71	10.41	No	---	---	---	---	---	---	---	---
MW7	09/23/91	17.12	6.84	10.28	No	---	---	---	---	---	---	---	---
MW7	10/21/91	17.12	7.00	10.12	No	---	---	---	---	---	---	---	---
MW7	10/22/91	17.12	---	---	---	---	10,000	---	---	990	26	1,900	490
MW7	11/18/91	17.12	6.56	10.56	No	---	---	---	---	---	---	---	---
MW7	12/11/91	17.12	6.68	10.44	No	---	---	---	---	---	---	---	---
MW7	01/21/92	17.12	5.99	11.13	No	---	23,000	---	---	2,200	3,000	1,800	6,100
MW7	02/20/92	17.12	4.36	12.76	No	---	---	---	---	---	---	---	---
MW7	03/19/92	17.12	4.22	12.90	No	---	---	---	---	---	---	---	---
MW7	04/24/92	17.12	4.84	12.28	No	---	25,000	---	---	1,400	220	2,100	2,600
MW7	05/13/92	17.12	5.24	11.88	No	---	---	---	---	---	---	---	---
MW7	06/24/92	17.12	6.04	11.08	No	---	---	---	---	---	---	---	---
MW7	07/16/92	17.12	6.19	10.93	No	---	8,700	---	---	470	45	970	86
MW7	08/19/92	17.12	6.55	10.57	No	---	---	---	---	---	---	---	---
MW7	09/24/92	17.12	6.83	10.29	No	---	9,200	---	---	560	48	1,300	54
MW7	02/05/93	17.12	4.11	13.01	No	---	33,000	---	---	1,100	2,300	1,200	4,200
MW7	04/30/93 I	17.12	5.29	11.83	No	---	13,000	---	---	240	85	710	320
MW7	05/14/93	17.12	5.91	11.21	No	---	---	---	---	---	---	---	---
MW7	07/15/93	17.12	7.07	10.05	No	---	6,900	---	---	200	30	500	48
MW7	10/21/93	17.12	7.55	9.57	---	---	---	---	---	---	---	---	---
MW7	11/16/93	17.12	7.85	9.27	No	---	7,400	---	---	300	85	480	120
MW7	11/30/93	17.12	7.66	9.46	---	---	---	---	---	---	---	---	---
MW7	12/17/93	17.12	6.75	10.37	---	---	---	---	---	---	---	---	---
MW7	01/31/94	17.12	6.22	10.90	---	---	---	---	---	---	---	---	---
MW7	02/24/94 - 02/25/94	17.12	5.52	11.60	No	---	7,200	---	---	470	120	400	300
MW7	09/12/94	17.12	6.43	10.69	No	---	6,000a,d	---	---	490	50	280	70
MW7	10/01/94	17.12	6.71	10.41	No	---	8,900a	---	---	940	670	310	160
MW7	01/13/95	17.12	4.29	12.83	No	---	20,000a	---	---	590	780	970	4,200
MW7	04/27/95	17.12	5.00	12.12	No	---	8,800	---	---	410	32	410	230
MW7	08/03/95	17.12	6.53	10.59	No	---	4,900	17,000	---	390	<50	290	<50
MW7	10/17/95	17.12	7.23	9.89	No	---	6,700	17,000	---	530	26	240	25
MW7	01/24/96	17.12	5.26	11.86	No	---	9,300	60,000	---	2,000	390	350	230
MW7	04/24/96	17.12	5.06	12.06	No	---	9,000	360,000	---	2,400	850	150	130
MW7	07/26/96	17.12	6.62	10.50	No	---	4,800	86,000	---	530	25	60	46
MW7	10/30/96	17.12	7.09	10.03	No	---	3,400	28,000	---	180	9.8	58	38
MW7	01/31/97	17.12	3.65	13.47	No	---	3,800	45,000	---	300	18	48	37
MW7	04/10/97	17.12	---	---	---	---	---	---	---	---	---	---	---
MW7	07/10/97	17.12	7.44	9.68	No	---	3,500	18,000	---	70	<25	<25	<25
MW7	10/08/97	17.12	---	---	---	---	---	---	---	---	---	---	---
MW7	01/28/98	17.12	3.06	14.06	No	---	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	No	---	100	670	---	1.4	<0.5	<0.5	<0.5

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

Well ID	Sampling Date	TOC Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	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	10/19/98	17.12	6.25	10.87	No	---	---	---	---	---	---	---	---
MW7	01/13/99	17.12	5.98	11.14	No	---	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	No	---	139	860	---	3.79	7.10	1.19	8.65
MW7	10/25/99	17.12	6.23	10.89	No	---	<50	<1.0	---	<1.0	<1.0	<1.0	<1.0
MW7	01/21/00	17.12	5.41	11.71	No	---	410	500	---	10	2.5	<1.0	2.5
MW7	04/14/00	17.12	3.84	13.28	No	---	---	---	---	---	---	---	---
MW7	06/16/00	17.12	Property transferred to Valero Refining Company.										
MW7	07/05/00	17.12	5.05	12.07	No	---	140	480	---	<0.5	<0.5	<0.5	0.56
MW7	10/03/00	17.12	5.88	11.24	No	---	370	1,900	---	<0.5	0.62	<0.5	3.20
MW7	01/02/01	17.12	5.52	11.60	No	---	120	1,500	---	2.2	<0.5	<0.5	<0.5
MW7	04/02/01	17.12	4.26	12.86	No	---	120	1,500	---	0.91	<0.5	<0.5	<0.5
MW7	07/02/01	17.12	5.42	11.70	No	---	110	740	---	4.1	<0.5	0.75	0.84
MW7	10/15/01	17.12	7.50	9.62	No	---	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	No	88.0	928	610	---	<0.50	<0.50	<0.50	<0.50
MW7	05/06/02	17.06	4.51	12.55	No	72	591	565	712.0	2.4	<0.5	2.5	4.1
MW7	08/22/02	17.06	6.25	10.81	No	<50	586	482	---	2.5	<2.5	<2.5	3.0
MW7	11/08/02	17.06	5.03	12.03	No	<50	463	319	---	1.7	<0.5	<0.5	0.6
MW7	02/07/03	17.06	4.57	12.49	No	<50	344	440	---	0.9	0.9	0.8	3.5
MW7	05/02/03	17.06	4.39	12.67	No	<50	323	307	---	0.80	<0.5	<0.5	<0.5
MW7	08/14/03	17.06	5.96	11.10	No	<50	197	45.5	---	2.00	<0.5	<0.5	1.0
MW7	11/14/03	17.06	6.04	11.02	No	<50	146	48.0	---	1.50	<0.5	0.6	1.7
MW7	03/01/04	17.06	2.91	14.15	No	138d	<50.0	---	8.10	<0.50	<0.5	<0.5	<0.5
MW7	06/10/04	17.06	5.18	11.88	No	293d	9,830	26.0	---	501	2,280	205	1,920
MW7	09/13/04	17.06	5.85	11.21	No	292d	1,350	82.5	---	64.5	<2.5	6.5	225
MW7	12/22/04	17.06	4.51	12.55	No	173d,f	<50.0	12.2	---	0.50	<0.5	0.8	<0.5
MW7	03/24/05	17.06	2.92	14.14	No	124d	<50.0	---	2.10	<0.50	<0.5	<0.5	<0.5
MW7	06/14/05	17.06	4.31	12.75	No	89d	<50.0	---	4.50	<0.50	<0.5	<0.5	<0.5
MW7	09/12/05	17.06	6.92	10.14	No	68.0d	<50.0	---	10.8	<0.50	<0.50	<0.50	<0.50
MW7	12/13/05	17.06	5.71	11.35	No	249d	<50.0	---	5.93	<0.50	<0.50	<0.50	<0.50
MW7	03/13/06	17.06	3.66	13.40	No	<47	<50	---	3.0	<0.50	<0.50	<0.50	<0.50
MW7	06/12/06	17.06	5.22	11.84	No	<47	<50	---	2.3	<0.50	<0.50	<0.50	<0.50
MW7	09/08/06	17.06	6.27	10.79	No	<47	<50	---	6.1	<0.50	<0.50	<0.50	<0.50
MW7	12/05/06	17.06	6.61	10.45	No	<47	<50	---	4.1	<0.50	<0.50	<0.50	<0.50
MW7	03/12/07	17.06	4.41	12.65	No	<47	<50	---	5.2	<0.50	<0.50	<0.50	<0.50
MW7	05/29/07	17.06	5.72	11.34	No	178d	<50.0	---	1.84	<0.50	<0.50	<0.50	<0.50
MW7	08/29/07	17.06	6.64	10.42	No	<47	<50	---	3.8	<0.50	<0.50	<0.50	<0.50
MW7	11/29/07	17.06	6.26	10.80	No	<47	<50	---	3.3	<0.50	<0.50	<0.50	<0.50
MW7	02/27/08	17.06	4.11	12.95	No	<47	57	---	3.7	2.1	1.0	5.4	19
MW7	05/28/08	17.06	5.53	11.53	No	111d	<50.0	---	1.83f	<0.50	<0.50	<0.50	<0.50
MW7	08/27/08	17.06	6.25	10.81	No	<50	<50	---	1.6	<0.50	<0.50	<0.50	<1.0

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

Well ID	Sampling Date	TOC Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	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	11/25/08	17.06	6.02	11.04	No	<50	<50	---	2.1	<0.50	<0.50	<0.50	<1.0
MW7	02/25/09	17.06	3.50	13.56	No	<50	<50	---	0.97	<0.50	<0.50	<0.50	<1.0
MW7	05/27/09	17.06	5.01	12.05	No	<50	<50	---	1.8	<0.50	<0.50	<0.50	<1.0
MW7	09/08/09	17.06	6.29	10.77	No	<50	<50	---	1.2	<0.50	<0.50	<0.50	<1.0
MW7	12/02/09	17.06	5.84	11.22	No	<50	<50	---	1.7	<0.50	<0.50	<0.50	<1.0
MW7	04/28/10	17.06	4.66	12.40	No	<50	<50	---	0.88	<0.50	<0.50	<0.50	<1.0
MW7	**11/18/10**	**17.06**	**6.44**	**10.62**	**No**	**<50**	**<50**	**---**	**1.3**	**<0.50**	**<0.50**	**<0.50**	**<1.0**
MW8	05/14/93	16.33	6.54	9.79	No	---	<50	---	---	<0.5	<1.0	<0.5	<0.5
MW8	07/15/93	16.33	6.57	9.76	No	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW8	10/21/93	16.33	6.83	9.50	---	---	---	---	---	---	---	---	---
MW8	11/16/93	16.33	7.15	9.18	No	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW8	11/30/93	16.33	6.94	9.39	---	---	---	---	---	---	---	---	---
MW8	12/17/93	16.33	6.48	9.85	---	---	---	---	---	---	---	---	---
MW8	01/31/94	16.33	6.13	10.20	---	---	---	---	---	---	---	---	---
MW8	02/24/94 - 02/25/94	16.33	5.80	10.53	No	---	---	---	---	---	---	---	---
MW8	09/12/94	16.33	6.42	9.91	No	---	<50a	---	---	<0.5	<0.5	<0.5	<0.5
MW8	10/01/94	16.33	6.62	9.71	No	---	<50a	---	---	<0.5	<0.5	<0.5	<0.5
MW8	01/13/95	16.33	5.25	11.08	No	---	<50a	---	---	<0.5	<0.5	<0.5	<0.5
MW8	04/27/95	16.33	6.00	10.33	No	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW8	08/03/95	16.33	6.28	10.05	No	---	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5
MW8	10/17/95	16.33	6.93	9.40	No	---	<50	<5.0	---	<0.5	<0.5	<0.5	<0.5
MW8	01/24/96	16.33	5.71	10.62	No	---	<50	<5.0	---	<0.5	<0.5	<0.5	<0.5
MW8	04/24/96	16.33	5.52	10.81	No	---	<50	<5.0	---	<0.5	<0.5	<0.5	<0.5
MW8	07/26/96	16.33	6.27	10.06	No	---	<50	230	---	<0.5	<0.5	<0.5	<0.5
MW8	10/30/96	16.33	6.69	9.64	No	---	<50	<5.0	---	<0.5	<0.5	<0.5	<0.5
MW8	01/31/97	16.33	5.18	11.15	No	---	---	---	---	---	---	---	---
MW8	04/10/97	16.33	---	---	---	---	---	---	---	---	---	---	---
MW8	07/10/97	16.33	---	---	---	---	---	---	---	---	---	---	---
MW8	10/08/97	16.33	---	---	---	---	---	---	---	---	---	---	---
MW8	01/28/98	16.33	5.11	11.22	No	---	---	---	---	---	---	---	---
MW8	04/14/98	16.33	5.02	11.31	No	---	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5
MW8	07/30/98	16.33	5.84	10.49	No	---	<50	6.6	---	<0.5	<0.5	<0.5	<0.5
MW8	10/19/98	16.33	6.07	10.26	No	---	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5
MW8	01/13/99	16.33	5.59	10.74	No	---	<50	<2.0	---	<0.5	<0.5	<0.5	<0.5
MW8	04/28/99	16.33	5.38	10.95	No	---	<50	---	<0.5	<0.5	<0.5	<0.5	<0.5
MW8	07/09/99	16.33	5.71	10.62	No	---	<50	3.01	---	<0.5	<0.5	<0.5	<0.5
MW8	10/25/99	16.33	6.15	10.18	No	---	<50	<1.0	---	<1.0	<1.0	<1.0	<1.0
MW8	01/21/00	16.33	6.51	9.82	No	---	<50	<1.0	---	<1.0	<1.0	<1.0	<1.0
MW8	04/14/00	16.33	5.54	10.79	Brown	---	<50	<1	---	<1	<1	<1	<1
MW8	06/16/00	16.33	Property transferred to Valero Refining Company.										

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

Well ID	Sampling Date	TOC Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	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)
MW8	07/05/00	16.33	5.67	10.66	No	---	<50	<2	---	<0.5	<0.5	<0.5	<0.5
MW8	10/03/00	16.33	6.02	10.31	No	---	<50	<2	---	<0.5	<0.5	<0.5	<0.5
MW8	01/02/01	16.33	5.95	10.38	No	140c	<50	<2	---	<0.5	<0.5	<0.5	<0.5
MW8	04/02/01	16.33	---	---	---	---	---	---	---	---	---	---	---
MW8	07/02/01	16.33	5.76	10.57	No	<50	<50	<2	---	<0.5	<0.5	<0.5	<0.5
MW8	10/15/01	16.33	6.19	10.14	No	<50	<50	<2	---	<0.5	<0.5	<0.5	<0.5
MW8	Nov-01	16.24	Well surveyed in compliance with AB 2886 requirements.										
MW8	02/04/02	16.24	Well inaccessible.										
MW8	05/06/02	16.24	5.31	10.93	No	<50	<50.0	0.5	<0.50	<0.5	<0.5	<0.5	<0.5
MW8	08/22/02	16.24	6.07	10.17	No	<50	<50.0	<0.5	---	<0.5	<0.5	<0.5	<0.5
MW8	11/08/02	16.24	5.91	10.33	No	<50	<50.0	<0.5	---	<0.5	<0.5	<0.5	<0.5
MW8	02/07/03	16.24	5.34	10.90	No	<50	<50.0	<0.5	---	<0.5	<0.5	<0.5	<0.5
MW8	05/02/03	16.24	5.27	10.97	No	<50	<50.0	<0.5	---	<0.50	<0.5	<0.5	<0.5
MW8	08/14/03	16.24	5.60	10.64	No	<50	<50.0	<0.5	---	<0.50	<0.5	<0.5	<0.5
MW8	11/14/03	16.24	6.01	10.23	No	55d	<50.0	<0.5	---	<0.50	<0.5	0.7	1.7
MW8	03/01/04	16.24	5.16	11.08	No	<50	<50.0	---	<0.50	<0.50	<0.5	<0.5	<0.5
MW8	06/15/04	16.24	5.36	10.88	No	<50	<50.0	<0.50	---	<0.50	<0.5	<0.5	<0.5
MW8	09/13/04	16.24	5.81	10.43	No	<50	<50.0	0.9	---	<0.50	<0.5	<0.5	0.7
MW8	12/22/04	16.24	5.42	10.82	No	<50	<50.0	<0.50	---	0.50	<0.5	0.5	<0.5
MW8	03/24/05	16.24	5.03	11.21	No	<50	<50.0	---	<0.50	<0.50	<0.5	<0.5	<0.5
MW8	06/14/05	16.24	5.09	11.15	No	<50	<50.0	---	<0.50	<0.50	<0.5	<0.5	<0.5
MW8	09/12/05	16.24	6.24	10.00	No	69.5d	<50.0	---	<0.500	<0.50	<0.50	<0.50	<0.50
MW8	12/13/05	16.24	5.69	10.55	No	<50.0	<50.0	---	<0.500	<0.50	<0.50	<0.50	<0.50
MW8	03/13/06	16.24	5.28	10.96	No	<47	<50	---	<0.50	0.69	<0.50	<0.50	<0.50
MW8	06/12/06	16.24	4.58	11.66	No	<47	<50	---	<0.50	<0.50	<0.50	<0.50	<0.50
MW8	09/08/06	16.24	4.58	11.66	No	<50	<50	---	<0.50	<0.50	<0.50	<0.50	<0.50
MW8	12/05/06	16.24	6.02	10.22	No	<47	<50	---	<0.50	<0.50	<0.50	<0.50	<0.50
MW8	03/12/07	16.24	5.31	10.93	No	<47	<50	---	<0.50	<0.50	<0.50	<0.50	<0.50
MW8	05/29/07	16.24	5.71	10.53	No	<47.6	<50.0	---	<0.500	<0.50	<0.50	<0.50	<0.50
MW8	08/29/07	16.24	6.16	10.08	No	<47	<50	---	<0.50	<0.50	<0.50	<0.50	<0.50
MW8	11/29/07	16.24	6.08	10.16	No	<47	<50	---	<0.50	<0.50	<0.50	<0.50	<0.50
MW8	02/27/08	16.24	5.25	10.99	No	<47	<50	---	<0.50	<0.50	<0.50	<0.50	<0.50
MW8	05/28/08	16.24	5.83	10.41	No	<47.2	<50.0	---	<0.500	<0.50	<0.50	<0.50	<0.50
MW8	08/27/08	16.24	6.14	10.10	No	<50	<50	---	<0.50	<0.50	<0.50	<0.50	<1.0
MW8	11/25/08	16.24	6.07	10.17	No	<50	<50	---	<0.50	<0.50	<0.50	<0.50	<1.0
MW8	02/25/09	16.24	5.26	10.98	No	<50	<50	---	<0.50	0.53e	0.77	<0.50	<1.0
MW8	05/27/09	16.24	5.12	11.12	No	<50	<50	---	<0.50	<0.50	<0.50	<0.50	<1.0
MW8	09/08/09	16.24	6.10	10.14	No	---	---	---	---	---	---	---	---
MW8	09/09/09	16.24	---	---	---	<50	<50	---	<0.50	<0.50	<0.50	<0.50	<1.0
MW8	12/02/09	16.24	5.79	10.45	No	<50	<50	---	<0.50	<0.50	<0.50	<0.50	<1.0
MW8	04/28/10	16.24	4.33	11.91	No	Well inaccessible.							
MW8	**11/18/10**	**16.24**	**5.98**	**10.26**	**No**	**<50**	**<50**	**---**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**

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

Well ID	Sampling Date	TOC Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	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)
MW9	05/14/93	15.62	6.61	9.01	No	---	<50	---	---	<0.5	<1.0	<0.5	<0.5
MW9	07/15/93	15.62	6.79	8.83	No	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9	10/21/93	15.62	6.97	8.65	---	---	---	---	---	---	---	---	---
MW9	11/16/93	15.62	7.12	8.50	No	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9	11/30/93	15.62	6.98	8.64	---	---	---	---	---	---	---	---	---
MW9	12/17/93	15.62	6.73	8.89	---	---	---	---	---	---	---	---	---
MW9	01/31/94	15.62	6.71	8.91	---	---	---	---	---	---	---	---	---
MW9	02/24/94 - 02/25/94	15.62	6.45	9.17	No	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9	09/12/94	15.62	6.84	8.78	No	---	<50a	---	---	<0.5	<0.5	<0.5	<0.5
MW9	10/01/94	15.62	6.97	8.65	No	---	<50a	---	---	<0.5	<0.5	<0.5	<0.5
MW9	01/13/95	15.62	6.18	9.44	No	---	<50a	---	---	<0.5	<0.5	<0.5	<0.5
MW9	04/27/95	15.62	6.58	9.04	No	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9	08/03/95	15.62	6.72	8.90	No	---	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5
MW9	10/17/95	15.62	7.09	8.53	No	---	<50	<5.0	---	<0.5	<0.5	<0.5	<0.5
MW9	01/24/96	15.62	6.46	9.16	No	---	<50	<5.0	---	<0.5	<0.5	<0.5	<0.5
MW9	04/24/96	15.62	6.43	9.19	No	---	<50	<5.0	---	<0.5	<0.5	<0.5	<0.5
MW9	07/26/96	15.62	6.80	8.82	No	---	<50	<5.0	---	<0.5	<0.5	<0.5	<0.5
MW9	10/30/96	15.62	6.94	8.68	No	---	<50	<5.0	---	<0.5	<0.5	<0.5	<0.5
MW9	01/31/97	15.62	6.10	9.52	No	---	---	---	---	---	---	---	---
MW9	04/10/97	15.62	---	---	---	---	---	---	---	---	---	---	---
MW9	07/10/97	15.62	---	---	---	---	---	---	---	---	---	---	---
MW9	10/08/97	15.62	---	---	---	---	---	---	---	---	---	---	---
MW9	01/28/98	15.62	5.66	9.96	No	---	---	---	---	---	---	---	---
MW9	04/14/98	15.62	---	---	---	---	---	---	---	---	---	---	---
MW9	07/30/98	15.62	6.17	9.45	No	---	---	---	---	---	---	---	---
MW9	10/19/98	15.62	6.40	9.22	No	---	---	---	---	---	---	---	---
MW9	01/13/99	15.62	6.28	9.34	No	---	---	---	---	---	---	---	---
MW9	04/28/99	15.62	5.87	9.75	No	---	<50	---	<0.5	<0.5	<0.5	<0.5	<0.5
MW9	07/09/99	15.62	6.24	9.38	No	---	<50	<2.0	---	<0.5	<0.5	<0.5	<0.5
MW9	10/25/99	15.62	6.67	8.95	No	---	<50	<1.0	---	<1.0	<1.0	<1.0	<1.0
MW9	01/21/00	15.62	6.93	8.69	No	---	<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	No	---	<50	<2	---	<0.5	<0.5	<0.5	<0.5
MW9	10/03/00	15.62	6.52	9.10	No	---	<50	<2	---	<0.5	<0.5	<0.5	<0.5
MW9	01/02/01	15.62	6.53	9.09	No	---	<50	<2	---	<0.5	<0.5	<0.5	<0.5
MW9	04/02/01	15.62	6.21	9.41	No	---	<50	<2	---	<0.5	<0.5	0.57	0.73
MW9	07/02/01	15.62	6.40	9.22	No	---	<50	<2	---	<0.5	<0.5	<0.5	<0.5
MW9	10/15/01	15.62	6.65	8.97	No	---	<50	<2	---	<0.5	<0.5	<0.5	<0.5
MW9	Nov-01	15.56	Well surveyed in compliance with AB 2886 requirements.										

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

Well ID	Sampling Date	TOC Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	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)
MW9	02/04/02	15.56	4.77	10.79	No	<50.0	<50.0	0.50	---	<0.50	<0.50	<0.50	<0.50
MW9	05/06/02	15.56	6.29	9.27	No	<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	No	<50	<50.0	<0.5	---	<0.5	<0.5	<0.5	<0.5
MW9	11/08/02	15.56	6.55	9.01	No	<50	<50.0	<0.5	---	<0.5	<0.5	<0.5	<0.5
MW9	02/07/03	15.56	6.35	9.21	No	<50	<50.0	<0.5	---	<0.5	<0.5	<0.5	<0.5
MW9	05/02/03	15.56	6.16	9.40	No	91	<50.0	<0.5	---	<0.50	<0.5	<0.5	<0.5
MW9	08/14/03	15.56	6.54	9.02	No	<50	<50.0	<0.5	---	<0.50	<0.5	<0.5	<0.5
MW9	11/14/03	15.56	6.60	8.96	No	<50	<50.0	<0.5	---	<0.50	<0.5	<0.5	<0.5
MW9	03/01/04	15.56	5.89	9.67	No	<50	<50.0	---	<0.50	<0.50	<0.5	<0.5	<0.5
MW9	06/15/04	15.56	6.43	9.13	No	<50	<50.0	<0.50	---	<0.50	<0.5	<0.5	<0.5
MW9	09/13/04	15.56	6.58	8.98	No	<50	<50.0	<0.50	---	<0.50	<0.5	<0.5	<0.5
MW9	12/22/04	15.56	6.28	9.28	No	<50	<50.0	<0.50	---	<0.50	<0.5	<0.5	<0.5
MW9	03/24/05	15.56	5.61	9.95	No	<50	<50.0	---	<0.50	<0.50	<0.5	<0.5	<0.5
MW9	06/14/05	15.56	6.06	9.50	No	<50	<50.0	---	<0.50	<0.50	<0.5	<0.5	<0.5
MW9	09/12/05	15.56	6.65	8.91	No	<50.0	<50.0	---	<0.500	<0.50	<0.50	<0.50	<0.50
MW9	12/13/05	15.56	6.32	9.24	No	<50.0	<50.0	---	<0.500	<0.50	<0.50	<0.50	<0.50
MW9	03/13/06	15.56	5.90	9.66	No	<47	<50	---	<0.50	<0.50	<0.50	<0.50	<0.50
MW9	06/12/06	15.56	5.96	9.60	No	<47	<50	---	<0.50	<0.50	<0.50	<0.50	<0.50
MW9	09/08/06	15.56	6.43	9.13	No	<47	<50	---	<0.50	<0.50	<0.50	<0.50	<0.50
MW9	12/05/06	15.56	6.45	9.11	No	<47	<50	---	<0.50	<0.50	<0.50	<0.50	<0.50
MW9	03/12/07	15.56	5.98	9.58	No	<47	<50	---	<0.50	<0.50	<0.50	<0.50	<0.50
MW9	05/29/07	15.56	6.32	9.24	No	<47.6	<50.0	---	<0.500	<0.50	<0.50	<0.50	<0.50
MW9	08/29/07	15.56	6.51	9.05	No	<47	<50	---	<0.50	<0.50	<0.50	<0.50	<0.50
MW9	11/29/07	15.56	6.49	9.07	No	<47	<50	---	<0.50	<0.50	<0.50	<0.50	<0.50
MW9	02/27/08	15.56	5.90	9.66	No	<47	<50	---	<0.50	<0.50	<0.50	0.56	2.2
MW9	05/28/08	15.56	6.40	9.16	No	63.5d	<50.0	---	0.800f	<0.50	<0.50	<0.50	<0.50
MW9	08/27/08	15.56	6.57	8.99	No	<50	<50	---	<0.50	<0.50	<0.50	<0.50	<1.0
MW9	11/25/08	15.56	6.57	8.99	No	<50	<50	---	<0.50	<0.50	<0.50	<0.50	<1.0
MW9	02/25/09	15.56	5.69	9.87	No	<50	<50	---	<0.50	<0.50	<0.50	<0.50	<1.0
MW9	05/27/09	15.56	6.21	9.35	No	<50	<50	---	0.67	<0.50	<0.50	<0.50	<1.0
MW9	09/08/09	15.56	6.58	8.98	No	---	---	---	---	---	---	---	---
MW9	09/09/09	15.56	---	---	---	<50	<50	---	<0.50	<0.50	<0.50	<0.50	<1.0
MW9	12/02/09	15.56	6.42	9.14	No	<50	<50	---	<0.50	<0.50	<0.50	<0.50	<1.0
MW9	04/28/10	15.56	5.82	9.74	No	<50	<50	---	<0.50	<0.50	<0.50	<0.50	<1.0
MW9	**11/18/10**	**15.56**	**6.47**	**9.09**	**No**	**<50**	**<50**	**---**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**
MW10	05/14/93	16.79	6.91	9.88	No	---	97	---	---	<0.5	<0.5	9.8	12
MW10	07/15/93	16.79	7.47	9.32	No	---	160	---	---	<0.5	<0.5	15	19
MW10	10/21/93	16.79	7.57	9.22	---	---	---	---	---	---	---	---	---
MW10	11/16/93	16.79	8.17	8.62	No	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW10	11/30/93	16.79	7.96	8.83	---	---	---	---	---	---	---	---	---

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

Well ID	Sampling Date	TOC Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	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)
MW10	12/17/93	16.79	7.25	9.54	---	---	---	---	---	---	---	---	---
MW10	01/31/94	16.79	6.66	10.13	---	---	---	---	---	---	---	---	---
MW10	02/24/94 - 02/25/94	16.79	6.53	10.26	No	---	280	---	---	<0.5	<0.5	12	7.0
MW10	09/12/94	16.79	7.04	9.75	No	---	71a,d	---	---	<0.5	<0.5	1.6	<0.5
MW10	10/01/94	16.79	7.30	9.49	No	---	330a	---	---	1.1	<0.5	2.8	0.73
MW10	01/13/95	16.79	6.04	10.75	No	---	90a	---	---	<0.5	<0.5	<0.5	<0.5
MW10	04/27/95	16.79	6.66	10.13	No	---	140	---	---	<0.5	<0.5	5.4	1.3
MW10	08/03/95	16.79	7.23	9.56	No	---	150	<2.5	---	<0.5	<0.5	<0.5	<0.5
MW10	10/17/95	16.79	7.93	8.86	No	---	<50	95	---	<0.5	<0.5	<0.5	<0.5
MW10	01/24/96	16.79	6.43	10.36	No	---	760	24	---	1.6	0.52	62	28
MW10	04/24/96	16.79	6.42	10.37	No	---	110	6.8	---	<0.5	<0.5	7.1	<0.5
MW10	07/26/96	16.79	7.47	9.32	No	---	140	<5.0	---	<0.5	<0.5	12	0.86
MW10	10/30/96	16.79	7.88	8.91	No	---	<50	5.6	---	<0.5	<0.5	<0.5	<0.5
MW10	01/31/97	16.79	5.88	10.91	No	---	<50	10	---	<0.5	<0.5	<0.5	<0.5
MW10	04/10/97	16.79	---	---	---	---	---	---	---	---	---	---	---
MW10	07/10/97	16.79	7.32	9.47	No	---	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5
MW10	10/08/97	16.79	---	---	---	---	---	---	---	---	---	---	---
MW10	12/12/97	Well destroyed.											
MW11	10/17/95	18.04	7.72	10.32	No	---	34,000	890	---	3,800	150	950	4,500
MW11	01/24/96	18.04	5.97	12.07	No	---	44,000	<500	---	3,800	1,200	2,100	9,800
MW11	04/24/96	18.04	5.84	12.20	No	---	34,000	720	---	2,900	1,400	1,700	8,300
MW11	07/26/96	18.04	6.98	11.06	No	---	39,000	800	---	4,600	4,200	950	9,500
MW11	10/30/96	18.04	7.54	10.50	No	---	53,000	990	---	4,200	3,600	2,100	9,600
MW11	01/31/97	18.04	5.00	13.04	No	---	23,000	---	310	170	2,500	940	4,300
MW11	04/10/97	18.04	---	---	No	---	29,000	200	---	1,200	440	970	6,400
MW11	07/10/97	18.04	7.30	10.74	No	---	42,000	690	---	1,700	870	1,900	12,000
MW11	10/08/97	18.04	7.62	10.42	No	---	42,000	1,100	---	1,700	2,500	1,400	9,900
MW11	01/28/98	18.04	4.77	13.27	No	---	35,000	---	6,800	2,400	3,500	1,700	7,900
MW11	04/14/98	18.04	4.68	13.36	No	---	15,000	---	1,200	1,700	250	500	2,000
MW11	07/30/98	18.04	6.33	11.71	No	---	24,000	1,700	---	1,600	560	1,000	4,300
MW11	10/19/98	18.04	6.65	11.39	No	---	29,000	1,700	---	1,200	2,500	920	4,900
MW11	01/13/99	18.04	6.42	11.62	No	---	50,900	1,920	---	2,210	6,440	2,030	10,600
MW11	04/28/99	18.04	5.30	12.74	No	---	59,400	---	2,390	3,790	4,260	1,790	2,970
MW11	07/09/99	18.04	6.22	11.82	No	---	51,500	4,630	---	5,890	5,340	2,370	12,700
MW11	10/25/99	18.04	6.77	11.27	No	---	51,000	1,700	---	3,900	5,800	2,300	12,300
MW11	01/21/00	18.04	6.47	11.57	No	---	56,000	1,100	---	2,300	4,600	2,100	11,600
MW11	04/14/00	18.04	5.09	12.95	No	---	42,000	2,100	---	3,000	2,600	1,600	8,000
MW11	06/16/00	18.04	Property transferred to Valero Refining Company.										
MW11	07/05/00	18.04	5.93	12.11	No	---	32,000	3,900	---	3,000	2,700	1,300	6,200
MW11	10/03/00	18.04	6.57	11.47	No	---	46,000	4,300	---	2,900	3,600	1,600	7,900

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

Well ID	Sampling Date	TOC Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	TPHd (µg/L)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW11	01/02/01	18.04	6.46	11.58	No	1,600c	44,000	4,200	---	3,900	3,600	1,300	6,500
MW11	04/02/01	18.04	5.44	12.60	No	2,000	39,000	3,100	---	2,600	3,600	1,500	7,500
MW11	07/02/01	18.04	9.10	8.94	No	2,300	45,000	3,000	---	2,000	2,000	1,400	7,200
MW11	10/15/01	18.04	8.10	9.94	No	1,400d	55,000	2,600	---	5,100	5,700	1,900	9,100
MW11	Nov-01	17.98	Well surveyed in compliance with AB 2886 requirements.										
MW11	02/04/02	17.98	5.14	12.84	No	2,430	37,800	1,910	---	3,340	3,550	1,450	6,480
MW11	05/06/02	17.98	5.51	12.47	No	3,000	27,200	1,350	1,984	1,420	1,580	1,110	4,960
MW11	08/22/02	17.98	6.63	11.35	No	5,660	28,100	2,240	---	2,020	1,520	1,120	5,360
MW11	11/08/02	17.98	5.34	12.64	No	3,680	26,000	246	---	1,170	2,130	1,020	5,390
MW11	02/07/03	17.98	5.42	12.56	No	4,360	50,000	1,400	---	3,660	4,500	1,920	8,600
MW11	05/02/03	17.98	5.17	12.81	No	2,330	41,200	1,080	---	1,980	1,860	1,450	7,100
MW11	08/14/03	17.98	6.42	11.56	No	5,480d	46,700	1,140	---	3,360	2,150	1,870	7,640
MW11	11/14/03	17.98	6.39	11.59	No	3,530d	45,800	240	---	2,070	3,300	2,010	8,680
MW11	03/01/04	17.98	4.58	13.40	No	2,030d	5,540	---	61.7	246	350	205	904
MW11	06/15/04	17.98	5.83	12.15	No	2,090d	48,100	580	---	2,040	2,160	2,430	10,100
MW11	09/13/04	17.98	6.41	11.57	No	3,220d	40,300	250	---	2,210	1,290	1,930	8,350
MW11	12/22/04	17.98	5.49	12.49	No	1,770d,f	20,800	105	---	1,060	1,540	750	3,220
MW11	03/24/05	17.98	4.22	13.76	No	643d	4,030	---	800	64.0	52.1	114	532
MW11	06/14/05	17.98	5.42	12.56	No	3,830d	36,900	---	351	1,330	2,760	1,520	6,870
MW11	09/12/05	17.98	7.18	10.80	No	4,020d	16,600	---	245	1,050	795	1,090	4,190
MW11	12/13/05	17.98	6.52	11.46	No	2,670d	28,700	---	97.0	942	527	1,320	6,070
MW11	03/13/06	17.98	4.95	13.03	No	1,100d	5,000	---	<0.50	17	<10	130	730
MW11	06/12/06	17.98	5.77	12.21	No	1,300d,f	28,000	---	21	920	1,500	1,400	5,100
MW11	09/08/06	17.98	6.70	11.28	No	2,300d	21,000	---	25	990	790	1,000	3,700
MW11	12/05/06	17.98	6.93	11.05	No	2,900d	21,000	---	37	700	510	1,000	4,500
MW11	03/12/07	17.98	5.40	12.58	No	1,200d	13,000	---	28	420	280	580	2,700
MW11	05/29/07	17.98	6.40	11.58	No	2,850d	26,400	---	51.8	844	724	1,520	3,940f
MW11	08/29/07	17.98	7.11	10.87	No	2,200d	16,000	---	56	640	210	760	2,600
MW11	11/29/07	17.98	6.91	11.07	No	1,400d	16,000	---	28	550	160	750	2,600
MW11	02/27/08	17.98	5.16	12.82	No	1,300d	13,000	---	11	390	370	800	3,200
MW11	05/28/08	17.98	6.35	11.63	No	4,660d	31,900	---	29.8f	632	1,100	1,280	4,910f
MW11	08/27/08	17.98	7.06	10.92	No	1,200	13,000	---	<25	370	470	490	2,000
MW11	11/25/08	17.98	6.89	11.09	No	3,900	17,000	---	<25	580	470	990	3,700
MW11	02/25/09	17.98	4.87	13.11	No	200	1,500	---	<2.5	5.8	2.8	21	97
MW11	05/27/09	17.98	5.88	12.10	No	<50	18,000	---	<10	710	990	1,200	5,200
MW11	09/08/09	17.98	6.96	11.02	No	---	---	---	---	---	---	---	---
MW11	09/09/09	17.98	---	---	---	4,000d	16,000	---	<50	560	510	760	3,100
MW11	12/02/09	17.98	6.65	11.33	No	3,100d	15,000	---	<25	370	210	510	2,100
MW11	04/28/10	17.98	5.30	12.68	No	1,900d	6,600	---	<12	200	170	400	1,600
MW11	**11/18/10**	**17.98**	**6.85**	**11.13**	**No**	**2,800**	**12,000**	**---**	**<10**	**250**	**49**	**320**	**770**

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

Well ID	Sampling Date	TOC Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	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)
MW12	10/17/95	16.30	6.38	9.92	No	---	<50	<5.0	---	<0.5	<0.5	<0.5	<0.5
MW12	01/24/96	16.30	4.86	11.44	No	---	<50	<5.0	---	<0.5	<0.5	<0.5	<0.5
MW12	04/24/96	16.30	4.46	11.84	No	---	<50	<5.0	---	<0.5	0.68	<0.5	0.72
MW12	07/26/96	16.30	5.90	10.40	No	---	<50	<5.0	---	<0.5	<0.5	<0.5	<0.5
MW12	10/30/96	16.30	6.56	9.74	No	---	<50	<5.0	---	<0.5	<0.5	<0.5	<0.5
MW12	01/31/97	16.30	4.57	11.73	No	---	<50	<5.0	---	<0.5	<0.5	<0.5	<0.5
MW12	04/10/97	16.30	---	---	---	---	---	---	---	---	---	---	---
MW12	07/10/97	16.30	---	---	---	---	---	---	---	---	---	---	---
MW12	10/08/97	16.30	---	---	---	---	---	---	---	---	---	---	---
MW12	01/28/98	16.30	3.90	12.40	No	---	---	---	---	---	---	---	---
MW12	04/14/98	16.30	3.67	12.63	No	---	---	---	---	---	---	---	---
MW12	07/30/98	16.30	5.00	11.30	No	---	---	---	---	---	---	---	---
MW12	10/19/98	16.30	---	---	No	---	---	---	---	---	---	---	---
MW12	01/13/99	16.30	5.19	11.11	No	---	---	---	---	---	---	---	---
MW12	04/28/99	16.30	4.53	11.77	---	---	---	---	---	---	---	---	---
MW12	07/09/99 - 04/14/00	Not monitored or sampled.											
MW12	06/16/00	16.30	Property transferred to Valero Refining Company.										
MW12	07/05/00 - 04/02/01	Not monitored or sampled.											
MW12	07/02/01	16.30	8.34	7.96	No	---	---	---	---	---	---	---	---
MW12	10/15/01	16.30	---	---	---	---	---	---	---	---	---	---	---
MW12	Nov-01	16.15	Well surveyed in compliance with AB 2886 requirements.										
MW12	02/04/02 - Present	Not monitored or sampled.											
EW1	10/21/93	16.22	6.67	9.55	---	---	---	---	---	---	---	---	---
EW1	12/17/93	16.22	10.09	6.13	---	---	---	---	---	---	---	---	---
EW1	01/31/94	16.22	5.38	10.84	---	---	---	---	---	---	---	---	---
EW1	02/24/94 - 02/25/94	16.22	5.58	10.64	No	---	1,000	---	---	140	4.5	15	120
EW1	09/12/94	16.22	6.13	10.09	No	---	400a	---	---	40	<0.5	10	5.4
EW1	10/01/94	16.22	7.63	8.59	No	---	3,400a	---	---	<0.5	4.4	30	11
EW1	01/13/95	16.22	11.46	4.76	No	---	680a	---	---	40	<0.5	12	16
EW1	04/27/95	16.22	15.47	0.75	No	---	---	---	---	---	---	---	---
EW1	08/03/95	16.22	13.85	2.37	No	---	<125	590	---	2.7	<1.2	<1.2	<1.2
EW1	10/17/95	16.22	8.05	8.17	No	---	3,600	400	---	220	<0.5	160	36
EW1	01/24/96	16.22	11.07	5.15	No	---	64	260	---	4.3	<0.5	1.3	0.53
EW1	04/24/96	16.22	6.20	10.02	No	---	740	3,000	---	130	2.3	35	2.1
EW1	07/26/96	16.22	13.93	2.29	No	---	<50	960	---	<0.5	<0.5	<0.5	<0.5
EW1	10/30/96	16.22	13.74	2.48	No	---	<50	5,300	---	0.52	<0.5	<0.5	<0.5
EW1	01/31/97	16.22	8.40	7.82	No	---	---	---	---	---	---	---	---
EW1	04/10/97	16.22	---	---	---	---	---	---	---	---	---	---	---
EW1	07/10/97	16.22	---	---	---	---	---	---	---	---	---	---	---
EW1	10/08/97	16.22	---	---	---	---	---	---	---	---	---	---	---

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

Well ID	Sampling Date	TOC Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	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	01/28/98	16.22	3.35	12.87	No	---	---	---	---	---	---	---	---
EW1	04/14/98	16.22	3.52	12.70	No	---	---	---	---	---	---	---	---
EW1	07/30/98	16.22	5.48	10.74	No	---	---	---	---	---	---	---	---
EW1	10/19/98	16.22	5.77	10.45	No	---	---	---	---	---	---	---	---
EW1	01/13/99	16.22	5.49	10.73	No	---	---	---	---	---	---	---	---
EW1	04/28/99	16.22	4.31	11.91	No	---	---	---	---	---	---	---	---
EW1	07/09/99 - 04/14/00	Not monitored or sampled.											
EW1	06/16/00	16.22	Property transferred to Valero Refining Company.										
EW1	07/05/00 - 10/15/01	Not monitored or sampled.											
EW1	Nov-01	16.27	Well surveyed in compliance with AB 2886 requirements.										
EW1	02/04/02	16.27	---	---	---	---	---	---	---	---	---	---	---
EW1	05/06/02	16.27	4.94	11.33	No	---	---	---	---	---	---	---	---
EW1	08/22/02	16.27	Well inaccessible.										
EW1	11/08/02	16.27	3.80	12.47	No	---	---	---	---	---	---	---	---
EW1	02/07/03	16.27	12.45	3.82	No	---	---	---	---	---	---	---	---
EW1	05/02/03	16.27	6.55	9.72	No	---	---	---	---	---	---	---	---
EW1	08/14/03	16.27	---	---	No	---	---	---	---	---	---	---	---
EW1	11/14/03	16.27	---	---	No	---	---	---	---	---	---	---	---
EW1	03/01/04	16.27	---	---	No	---	---	---	---	---	---	---	---
EW1	06/15/04	16.27	4.47	11.80	No	---	---	---	---	---	---	---	---
EW1	09/13/04	16.27	5.12	11.15	No	---	---	---	---	---	---	---	---
EW1	12/22/04	16.27	4.17	12.10	No	---	---	---	---	---	---	---	---
EW1	03/24/05	16.27	2.97	13.30	No	---	---	---	---	---	---	---	---
EW1	06/14/05	16.27	3.98	12.29	No	---	---	---	---	---	---	---	---
EW1	09/12/05	16.27	14.39	1.88	No	---	---	---	---	---	---	---	---
EW1	12/13/05	16.27	12.7	3.57	No	---	---	---	---	---	---	---	---
EW1	03/13/06	16.27	11.43	4.84	No	---	---	---	---	---	---	---	---
EW1	06/12/06	16.27	11.78	4.49	No	---	---	---	---	---	---	---	---
EW1	09/08/06	16.27	5.18	11.09	No	---	---	---	---	---	---	---	---
EW1	12/05/06	16.27	10.48	5.79	No	---	---	---	---	---	---	---	---
EW1	03/12/07	16.27	3.82	12.45	No	---	---	---	---	---	---	---	---
EW1	05/29/07	16.27	14.9	1.37	No	---	---	---	---	---	---	---	---
EW1	08/29/07	16.27	7.82	8.45	No	---	---	---	---	---	---	---	---
EW1	11/29/07	16.27	6.23	10.04	No	---	---	---	---	---	---	---	---
EW1	02/27/08	16.27	4.38	11.89	No	---	---	---	---	---	---	---	---
EW1	05/28/08	16.27	6.51	9.76	No	---	---	---	---	---	---	---	---
EW1	08/27/08	16.27	4.75	11.52	No	---	---	---	---	---	---	---	---
EW1	11/25/08	16.27	7.21	9.06	No	---	---	---	---	---	---	---	---
EW1	02/25/09	16.27	3.45	12.82	No	---	---	---	---	---	---	---	---
EW1	05/27/09	16.27	4.14	12.13	No	---	---	---	---	---	---	---	---
EW1	09/08/09	16.27	8.13	8.14	No	---	---	---	---	---	---	---	---
EW1	12/02/09	16.27	14.70	1.57	No	---	---	---	---	---	---	---	---

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

Well ID	Sampling Date	TOC Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	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	04/28/10	16.27	13.16	3.11	No	---	---	---	---	---	---	---	---
EW1	**11/18/10**	**16.27**	**13.58**	**2.69**	**No**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**
EW2	10/21/93	16.05	6.71	9.34	---	---	---	---	---	---	---	---	---
EW2	12/17/93	16.05	14.95	1.10	---	---	---	---	---	---	---	---	---
EW2	01/31/94	16.05	5.35	10.70	---	---	---	---	---	---	---	---	---
EW2	02/24/94 - 02/25/94	16.05	14.30	1.75	k	---	5,200	---	---	1,200	390	63	410
EW2	09/12/94	16.05	6.09	9.96	No	---	8,800a	---	---	2,000	79	180	290
EW2	10/01/94	16.05	7.32	8.73	No	---	9,500a	---	---	1,400	6.7	700	310
EW2	01/13/95	16.05	14.38	1.67	No	---	5,700a	---	---	930	270	21	280
EW2	04/27/95	16.05	15.23	0.82	No	---	---	---	---	---	---	---	---
EW2	08/03/95	16.05	7.19	8.86	No	---	830	1,600	---	170	27	36	64
EW2	10/17/95	16.05	18.97	-2.92	No	---	180	3,600	---	<0.5	<0.5	<0.5	5.1
EW2	01/24/96	16.05	20.32	-4.27	No	---	1,700	6,400	---	290	82	14	170
EW2	04/24/96	16.05	9.46	6.59	No	---	3,500	7,300	---	670	200	110	490
EW2	07/26/96	16.05	16.50	-0.45	No	---	1,400	14,000	---	250	56	10	220
EW2	10/30/96	16.05	20.30	-4.25	No	---	1,500	13,000	---	200	44	8.8	190
EW2	01/31/97	16.05	19.21	-3.16	No	---	---	---	---	---	---	---	---
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	No	---	---	---	---	---	---	---	---
EW2	04/14/98	16.05	3.45	12.60	No	---	---	---	---	---	---	---	---
EW2	07/30/98	16.05	11.50	4.55	No	---	---	---	---	---	---	---	---
EW2	10/19/98	16.05	5.67	10.38	No	---	---	---	---	---	---	---	---
EW2	01/13/99	16.05	9.57	6.48	No	---	---	---	---	---	---	---	---
EW2	04/28/99	16.05	10.15	5.90	No	---	---	---	---	---	---	---	---
EW2	07/09/99 - 04/14/00	Not monitored or sampled.											
EW2	06/16/00	16.05	Property transferred to Valero Refining Company.										
EW2	07/05/00 - 10/15/01	Not monitored or sampled.											
EW2	Nov-01	16.07	Well surveyed in compliance with AB 2886 requirements.										
EW2	02/04/02 - Present	Not monitored or sampled.											
EW3	10/21/93	16.02	6.55	9.47	---	---	---	---	---	---	---	---	---
EW3	12/17/93	16.02	15.65	0.37	---	---	---	---	---	---	---	---	---
EW3	01/31/94	16.02	5.34	10.68	---	---	---	---	---	---	---	---	---
EW3	02/24/94 - 02/25/94	16.02	21.00	-4.98	No	---	91	---	---	<0.5	<0.5	<0.5	<0.5
EW3	09/12/94	16.02	6.12	9.90	No	---	300a	---	---	44	5.9	12	31
EW3	10/01/94	16.02	10.52	5.50	No	---	140a	---	---	12	0.42	1.7	3.7
EW3	01/13/95	16.02	18.13	-2.11	No	---	230a	---	---	4.6	7.6	1.2	6.6
EW3	04/27/95	16.02	23.07	-7.05	No	---	---	---	---	---	---	---	---

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

Well ID	Sampling Date	TOC Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	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)
EW3	08/03/95	16.02	22.90	-6.88	No	---	<200	1,400	---	<2.0	<2.0	<2.0	<2.0
EW3	10/17/95	16.02	22.87	-6.85	No	---	74	2,400	---	4.4	<0.5	<0.5	<0.5
EW3	01/24/96	16.02	20.97	-4.95	No	---	120	2,300	---	16	<0.5	<0.5	<0.5
EW3	04/24/96	16.02	18.10	-2.08	No	---	180	3,800	---	34	3.7	8.9	11
EW3	07/26/96	16.02	13.14	2.88	No	---	180	2,000	---	45	0.7	<0.5	2.1
EW3	10/30/96	16.02	9.24	6.78	No	---	660	2,800	---	60	8.2	<0.5	100
EW3	01/31/97	16.02	11.10	4.92	No	---	---	---	---	---	---	---	---
EW3	04/10/97	16.02	---	---	---	---	---	---	---	---	---	---	---
EW3	07/10/97	16.02	---	---	---	---	---	---	---	---	---	---	---
EW3	10/08/97	16.02	---	---	---	---	---	---	---	---	---	---	---
EW3	01/28/98	16.02	3.42	12.60	No	---	---	---	---	---	---	---	---
EW3	04/14/98	16.02	3.50	12.52	No	---	---	---	---	---	---	---	---
EW3	07/30/98	16.02	18.57	-2.55	No	---	---	---	---	---	---	---	---
EW3	10/19/98	16.02	5.65	10.37	No	---	---	---	---	---	---	---	---
EW3	01/13/99	16.02	13.85	2.17	No	---	---	---	---	---	---	---	---
EW3	04/28/99	16.02	4.52	11.50	No	---	---	---	---	---	---	---	---
EW3	07/09/99 - 04/14/00	Not monitored or sampled.											
EW3	06/16/00	16.02	Property transferred to Valero Refining Company.										
EW3	07/05/00 - 10/15/01	Not monitored or sampled.											
EW3	Nov-01	16.08	Well surveyed in compliance with AB 2886 requirements.										
EW3	02/04/02	16.08	---	---	---	---	---	---	---	---	---	---	---
EW3	05/06/02	16.08	5.38	10.70	No	---	---	---	---	---	---	---	---
EW3	08/22/02	16.08	13.00	3.08	No	---	---	---	---	---	---	---	---
EW3	11/08/02	16.08	4.19	11.89	No	---	---	---	---	---	---	---	---
EW3	02/07/03	16.08	21.15	-5.07	No	---	---	---	---	---	---	---	---
EW3	05/02/03	16.08	23.50	-7.42	No	---	---	---	---	---	---	---	---
EW3	08/14/03	16.08	6.07	10.01	No	---	---	---	---	---	---	---	---
EW3	11/14/03	16.08	6.04	10.04	No	---	---	---	---	---	---	---	---
EW3	03/01/04	16.08	3.98	12.10	No	---	---	---	---	---	---	---	---
EW3	06/15/04	16.08	4.80	11.28	No	---	---	---	---	---	---	---	---
EW3	09/13/04	16.08	5.56	10.52	No	---	---	---	---	---	---	---	---
EW3	12/22/04	16.08	4.51	11.57	No	---	---	---	---	---	---	---	---
EW3	03/24/05	16.08	3.23	12.85	No	---	---	---	---	---	---	---	---
EW3	06/14/05	16.08	4.31	11.77	No	---	---	---	---	---	---	---	---
EW3	09/12/05	16.08	32.48	-16.40	No	---	---	---	---	---	---	---	---
EW3	12/13/05	16.08	5.66	10.42	No	---	---	---	---	---	---	---	---
EW3	03/13/06	16.08	4.48	11.60	No	---	---	---	---	---	---	---	---
EW3	06/12/06	16.08	4.97	11.11	No	---	---	---	---	---	---	---	---
EW3	09/08/06	16.08	5.65	10.43	No	---	---	---	---	---	---	---	---
EW3	12/05/06	16.08	6.99	9.09	No	---	---	---	---	---	---	---	---
EW3	03/12/07	16.08	4.36	11.72	No	---	---	---	---	---	---	---	---
EW3	05/29/07	16.08	5.84	10.24	No	---	---	---	---	---	---	---	---

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

Well ID	Sampling Date	TOC Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	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)
EW3	08/29/07	16.08	7.38	8.70	No	---	---	---	---	---	---	---	---
EW3	11/29/07	16.08	5.99	10.09	No	---	---	---	---	---	---	---	---
EW3	02/27/08	16.08	4.53	11.55	No	---	---	---	---	---	---	---	---
EW3	05/28/08	16.08	5.52	10.56	No	---	---	---	---	---	---	---	---
EW3	08/27/08	16.08	6.03	10.05	No	---	---	---	---	---	---	---	---
EW3	11/25/08	16.08	6.05	10.03	No	---	---	---	---	---	---	---	---
EW3	02/25/09	16.08	3.88	12.20	No	---	---	---	---	---	---	---	---
EW3	05/27/09	16.08	4.88	11.20	No	---	---	---	---	---	---	---	---
EW3	09/08/09	16.08	6.31	9.77	No	---	---	---	---	---	---	---	---
EW3	12/02/09	16.08	6.09	9.99	No	---	---	---	---	---	---	---	---
EW3	04/28/10	16.08	5.25	10.83	No	---	---	---	---	---	---	---	---
EW3	**11/18/10**	**16.08**	**6.03**	**10.05**	**No**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**
EW4	10/21/93	15.61	6.13	9.48	---	---	---	---	---	---	---	---	---
EW4	12/17/93	15.61	14.60	1.01	---	---	---	---	---	---	---	---	---
EW4	01/31/94	15.61	5.08	10.53	---	---	---	---	---	---	---	---	---
EW4	02/24/94 - 02/25/94	15.61	14.88	0.73	k	---	4,600	---	---	1,900	140	13	450
EW4	09/12/94	16.61	5.69	10.92	No	---	4,000a,d	---	---	1,700	12	210	77
EW4	10/01/94	16.61	7.90	8.71	No	---	460a	---	---	100	1.5	15	11
EW4	01/13/95	16.61	11.36	5.25	No	---	520a	---	---	89	8.8	1.6	82
EW4	04/27/95	16.61	16.30	0.31	No	---	---	---	---	---	---	---	---
EW4	08/03/95	16.61	6.45	10.16	No	---	42,000	17,000	---	3,100	1,100	2,000	8,200
EW4	10/17/95	16.61	15.89	0.72	No	---	92	2,500	---	6.3	<0.5	<0.5	<0.5
EW4	01/24/96	16.61	6.03	10.58	No	---	220	9,200	---	79	2.5	2.9	10
EW4	04/24/96	16.61	4.97	11.64	No	---	4,600	860	---	49	36	69	1,100
EW4	07/26/96	16.61	6.54	10.07	No	---	2,900	15,000	---	610	6.2	200	300
EW4	10/30/96	16.61	6.53	10.08	No	---	550	3,400	---	68	11	<2.5	71
EW4	01/31/97	16.61	3.98	12.63	No	---	---	---	---	---	---	---	---
EW4	04/10/97	16.61	---	---	---	---	---	---	---	---	---	---	---
EW4	07/10/97	16.61	---	---	---	---	---	---	---	---	---	---	---
EW4	10/08/97	16.61	---	---	---	---	---	---	---	---	---	---	---
EW4	01/28/98	16.61	3.22	13.39	No	---	---	---	---	---	---	---	---
EW4	04/14/98	16.61	3.20	13.41	No	---	---	---	---	---	---	---	---
EW4	07/30/98	16.61	4.89	11.72	No	---	---	---	---	---	---	---	---
EW4	10/19/98	16.61	5.16	11.45	No	---	---	---	---	---	---	---	---
EW4	01/13/99	16.61	5.57	11.04	No	---	---	---	---	---	---	---	---
EW4	04/28/99	16.61	4.27	12.34	No	---	---	---	---	---	---	---	---
EW4	07/09/99 - 04/14/00	Not monitored or sampled.											
EW4	06/16/00	16.61	Property transferred to Valero Refining Company.										
EW4	07/05/00 - 10/15/01	Not monitored or sampled.											
EW4	Nov-01	15.69	Well surveyed in compliance with AB 2886 requirements.										

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

Well ID	Sampling Date	TOC Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	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)
EW4	02/04/02 - Present	Not monitored or sampled.											
EW5	10/21/93	16.51	6.77	9.74	---	---	---	---	---	---	---	---	---
EW5	12/17/93	16.51	14.20	2.31	---	---	---	---	---	---	---	---	---
EW5	01/31/94	16.51	5.64	10.87	---	---	---	---	---	---	---	---	---
EW5	02/24/94 - 02/25/94	16.51	11.95	4.56	No	---	1,000	---	---	140	45	3.4	190
EW5	09/12/94	16.51	6.30	10.21	No	---	180a	---	---	26	1.7	11	12
EW5	10/01/94	16.51	11.83	4.68	No	---	130a	---	---	16	0.92	5.7	8.5
EW5	01/13/95	16.51	12.54	3.97	No	---	130a	---	---	0.6	0.8	0.6	2.9
EW5	04/27/95	16.51	13.11	3.40	No	---	---	---	---	---	---	---	---
EW5	08/03/95	16.51	11.99	4.52	No	---	70	210	---	<0.5	<0.5	<0.5	<0.5
EW5	10/17/95	16.51	13.43	3.08	No	---	78	50	---	1.5	<0.5	<0.5	3.0
EW5	01/24/96	16.51	9.72	6.79	No	---	2,500	350	---	280	66	22	370
EW5	04/24/96	16.51	8.13	8.38	No	---	6,400	400	---	690	240	380	1,300
EW5	07/26/96	16.51	10.00	6.51	No	---	850	84	---	82	2.5	2.4	100
EW5	10/30/96	16.51	9.82	6.69	No	---	1,200	68	---	110	5.1	2.2	120
EW5	01/31/97	16.51	9.00	7.51	No	---	---	---	---	---	---	---	---
EW5	04/10/97	16.51	---	---	---	---	---	---	---	---	---	---	---
EW5	07/10/97	16.51	---	---	---	---	---	---	---	---	---	---	---
EW5	10/08/97	16.51	---	---	---	---	---	---	---	---	---	---	---
EW5	01/28/98	16.51	3.54	12.97	No	---	---	---	---	---	---	---	---
EW5	04/14/98	16.51	3.65	12.86	No	---	---	---	---	---	---	---	---
EW5	07/30/98	16.51	7.63	8.88	No	---	---	---	---	---	---	---	---
EW5	10/19/98	16.51	5.75	10.76	No	---	---	---	---	---	---	---	---
EW5	01/13/99	16.51	7.03	9.48	No	---	---	---	---	---	---	---	---
EW5	04/28/99	16.51	8.80	7.71	No	---	---	---	---	---	---	---	---
EW5	07/09/99 - 04/14/00	Not monitored or sampled.											
EW5	06/16/00	16.51	Property transferred to Valero Refining Company.										
EW5	07/05/00 - 10/15/01	Not monitored or sampled.											
EW5	Nov-01	16.67	Well surveyed in compliance with AB 2886 requirements.										
EW5	02/04/02	16.67	---	---	---	---	---	---	---	---	---	---	---
EW5	05/06/02	16.67	4.78	11.89	No	---	---	---	---	---	---	---	---
EW5	08/22/02	16.67	6.61	10.06	No	---	---	---	---	---	---	---	---
EW5	11/08/02	16.67	3.74	12.93	No	---	---	---	---	---	---	---	---
EW5	02/07/03	16.67	6.40	10.27	No	---	---	---	---	---	---	---	---
EW5	05/02/03	16.67	5.91	10.76	No	---	---	---	---	---	---	---	---
EW5	08/14/03	16.67	6.28	10.39	No	---	---	---	---	---	---	---	---
EW5	11/14/03	16.67	6.19	10.48	No	---	---	---	---	---	---	---	---
EW5	03/01/04	16.67	4.02	12.65	No	---	---	---	---	---	---	---	---
EW5	06/15/04	16.67	4.97	11.70	No	---	---	---	---	---	---	---	---
EW5	09/13/04	16.67	5.47	11.20	No	---	---	---	---	---	---	---	---

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

Well ID	Sampling Date	TOC Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	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)
EW5	12/22/04	16.67	4.71	11.96	No	---	---	---	---	---	---	---	---
EW5	03/24/05	16.67	3.15	13.52	No	---	---	---	---	---	---	---	---
EW5	06/14/05	16.67	4.28	12.39	No	---	---	---	---	---	---	---	---
EW5	09/12/05	16.67	7.46	9.21	No	---	---	---	---	---	---	---	---
EW5	12/13/05	16.67	5.47	11.20	No	---	---	---	---	---	---	---	---
EW5	03/13/06	16.67	3.71	12.96	No	---	---	---	---	---	---	---	---
EW5	06/12/06	16.67	4.36	12.31	No	---	---	---	---	---	---	---	---
EW5	09/08/06	16.67	5.70	10.97	No	---	---	---	---	---	---	---	---
EW5	12/05/06	16.67	6.41	10.26	No	---	---	---	---	---	---	---	---
EW5	03/12/07	16.67	4.48	12.19	No	---	---	---	---	---	---	---	---
EW5	05/29/07	16.67	5.76	10.91	No	---	---	---	---	---	---	---	---
EW5	08/29/07	16.67	6.36	10.31	No	---	---	---	---	---	---	---	---
EW5	11/29/07	16.67	6.04	10.63	No	---	---	---	---	---	---	---	---
EW5	02/27/08	16.67	4.38	12.29	No	---	---	---	---	---	---	---	---
EW5	05/28/08	16.67	5.25	11.42	No	---	---	---	---	---	---	---	---
EW5	08/27/08	16.67	5.94	10.73	No	---	---	---	---	---	---	---	---
EW5	11/25/08	16.67	5.84	10.83	No	---	---	---	---	---	---	---	---
EW5	02/25/09	16.67	3.51	13.16	No	---	---	---	---	---	---	---	---
EW5	05/27/09	16.67	4.75	11.92	No	---	---	---	---	---	---	---	---
EW5	09/08/09	16.67	5.72	10.95	No	---	---	---	---	---	---	---	---
EW5	12/02/09	16.67	5.79	10.88	No	---	---	---	---	---	---	---	---
EW5	04/28/10	16.67	4.66	12.01	No	---	---	---	---	---	---	---	---
EW5	**11/18/10**	**16.67**	**6.33**	**10.34**	**No**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**

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

Notes:		Total Dissolved Solids were reported in samples collected from wells MW1 and MW4 at 910 ppm and 370 ppm, respectively, on March 7, 1990.
TOC Elev.	=	Top of well casing elevation; datum is mean sea level.
DTW	=	Depth to water.
GW Elev.	=	Groundwater elevation; datum is mean sea level.
NAPL	=	Non aqueous phase liquid.
TPHd	=	Total petroleum hydrocarbons as diesel using EPA Method 5030/8015 (modified).
TPHg	=	Total petroleum hydrocarbons as gasoline analyzed using EPA Method 5030/8015B (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.
<	=	Less than the stated laboratory method reporting limit.
---	=	Not measured/Not sampled/Not analyzed.
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	=	Analyte presence not confirmed by second column or GC/MS analysis.
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.
k	=	Liquid-phase petroleum hydrocarbons present in well, thickness not measured, or not measurable.
l	=	A peak eluting before benzene was present in the groundwater sample, and is suspected to be MTBE.

* Total Dissolved Solids were detected in samples from wells MW1 and MW4 at 910 ppm and 370 ppm, respectively, on sampling date 03/07/90.

TABLE 1B
ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 70104
1725 Park Street
Alameda, California

Well ID	Sampling Date	EDB (µg/L)	1,2-DCA (µg/L)	TAME (µg/L)	TBA (µg/L)	ETBE (µg/L)	DIPE (µg/L)	Ethanol (µg/L)
MW1	06/07/88 - 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	<0.50	297	<0.50	<0.50	---
MW1	08/22/02 - 11/14/03	Not analyzed for these analytes.						
MW1	03/01/04	<0.50	<0.50	<0.50	42.3	<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	<0.50	3,020	<0.50	<0.50	<50.0
MW1	06/14/05	<0.50	<0.50	<0.50	6,590	<0.50	<0.50	<50.0
MW1	09/12/05	<0.500	<0.500	<0.500	10,900	<0.500	<0.500	<50.0
MW1	12/13/05	<0.500	<0.500	<0.500	6,590h	<0.500	<0.500	<50.0
MW1	03/13/06	<50	<50	<50	15,000	<50	<50	---
MW1	06/12/06	<50	<50	<50	26,000	<50	<50	---
MW1	09/08/06	<25	<25	<25	22,000	<25	<25	---
MW1	12/05/06	<25	<25	<25	12,000	<25	<25	---
MW1	03/12/07	<100	<100	<100	9,000	<100	<100	---
MW1	05/29/07	<0.500	<0.500	1.11	12,100	<0.500	<0.500	---
MW1	08/29/07	<50	<50	<50	12,000	<50	<50	---
MW1	11/29/07	<50	<50	<50	11,000	<50	<50	---
MW1	02/27/08	<50	<50	<50	11,000	<50	<50	---
MW1	05/28/08	<0.500	<0.500	<25.0	14,100	<0.500	<0.500	---
MW1	08/27/08	<0.50	<0.50	1.5	11,000	<0.50	<0.50	<50
MW1	11/25/08	<50	<50	<50	4,700	<50	<50	<5,000
MW1	02/25/09	<50	<50	<50	5,100	<50	<50	---
MW1	05/27/09	<25	<25	<25	9,100	<25	<25	---
MW1	09/09/09	<50	<50	<50	5,800	<50	<50	---
MW1	12/02/09	<50	<50	<50	3,000	<50	<50	---
MW1	04/28/10	<20	<20	<20	2,600	<20	<20	---
MW1	**11/18/10**	**<0.50**	**<0.50**	**<0.50**	**490**	**<0.50**	**<0.50**	**---**
MW2	06/07/88 - 04/14/00	Not analyzed for these analytes.						
MW2	06/16/00	Property transferred to Valero Refining Company.						

TABLE 1B
ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 70104
1725 Park Street
Alameda, California

Well ID	Sampling Date	EDB (µg/L)	1,2-DCA (µg/L)	TAME (µg/L)	TBA (µg/L)	ETBE (µg/L)	DIPE (µg/L)	Ethanol (µg/L)
MW2	07/05/00 - 10/15/01	Not analyzed for these analytes.						
MW2	02/04/02	---	---	---	---	69	---	---
MW2	05/06/02	<0.50	<0.50	<0.50	44.8	252	<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	<0.50	<10.0	<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	<0.50	37	<0.50	<0.50	<50.0
MW2	06/14/05	<0.50	1.90	<0.50	41.1	<0.50	<0.50	<50.0
MW2	09/12/05	<0.500	<0.500	<0.500	181	<0.500	<0.500	<50.0
MW2	12/13/05	<0.500	<0.500	<0.500	159	<0.500	0.680	<50.0
MW2	03/13/06	<0.50	<0.50	<0.50	28	<0.50	<0.50	<100
MW2	06/12/06	<0.50	<0.50	<0.50	40	<0.50	<0.50	<100
MW2	09/08/06	<0.50	<0.50	<0.50	440	<0.50	<0.50	<100
MW2	12/05/06	<0.50	<0.50	<0.50	620	<0.50	0.51	<100
MW2	03/12/07	<0.50	<0.50	<0.50	290	<0.50	<0.50	<100
MW2	05/29/07	<0.500	<0.500	<0.500	235	<0.500	<0.500	<50.0
MW2	08/29/07	<0.50	<0.50	<0.50	900	<0.50	0.50	<100
MW2	11/29/07	<0.50	<0.50	<0.50	1,300	<0.50	0.66	<100
MW2	02/27/08	<0.50	<0.50	<0.50	83	<0.50	<0.50	<100
MW2	05/28/08	<0.500	<0.500	<0.500	60.6	<0.500	<0.500	<50.0
MW2	08/27/08	<0.50	<0.50	<0.50	66	<0.50	<0.50	<50
MW2	11/25/08	<0.50	<0.50	<0.50	69	<0.50	<0.50	<50
MW2	02/25/09	<0.50	<0.50	<0.50	46	<0.50	<0.50	<50
MW2	05/27/09	<0.50	<0.50	<0.50	47	<0.50	<0.50	<50
MW2	09/08/09	<0.50	<0.50	<0.50	42	<0.50	<0.50	<50
MW2	12/02/09	<0.50	<0.50	<0.50	29	<0.50	<0.50	<50
MW2	04/28/10	<0.50	<0.50	<0.50	11	<0.50	<0.50	<50
MW2	**11/18/10**	**<0.50**	**<0.50**	**<0.50**	**27**	**<0.50**	**<0.50**	**<50**

TABLE 1B
ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 70104
1725 Park Street
Alameda, California

Well ID	Sampling Date	EDB (µg/L)	1,2-DCA (µg/L)	TAME (µg/L)	TBA (µg/L)	ETBE (µg/L)	DIPE (µg/L)	Ethanol (µg/L)
MW3	06/07/88 - 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	<0.50	194.0	<0.50	<0.50	---
MW3	08/22/02 - 11/14/03	Not analyzed for these analytes.						
MW3	03/01/04	<0.50	<0.50	<0.50	3550.0	<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	<0.50	12,600	<0.50	<0.50	<50.0
MW3	06/14/05	<0.50	<0.50	<0.50	10,500	<0.50	<0.50	<50.0
MW3	09/12/05	<0.500	10.4	<0.500	16,100	<0.500	<0.500	<50.0
MW3	12/13/05	<0.500	5.04	<0.500	3,530h	<0.500	<0.500	<50.0
MW3	03/13/06	<0.50	<0.50	<0.50	12,000h	<0.50	<0.50	<100
MW3	06/12/06	<5.0	<5.0	<5.0	8,000	<5.0	<5.0	<1,000
MW3	09/08/06	<2.5	<2.5	<2.5	6,700	<2.5	<2.5	<500
MW3	12/05/06	<2.5	<2.5	<2.5	6,700	<2.5	<2.5	<500
MW3	03/12/07	<2.5	<2.5	<2.5	5,900	<2.5	<2.5	<500
MW3	05/29/07	<0.500	<0.500	<0.500	4,330	<0.500	<0.500	<50.0
MW3	08/29/07	<1.0	<1.0	<1.0	2,800	<1.0	<1.0	<200
MW3	11/29/07	<1.0	<1.0	<1.0	3,700	<1.0	<1.0	<200
MW3	02/27/08	<5.0	<5.0	<5.0	4,300	<5.0	<5.0	<1,000
MW3	05/28/08	<0.500	<0.500	<0.500	920	<0.500	<0.500	<50.0
MW3	08/27/08	<0.50	<0.50	<0.50	450	<0.50	<0.50	<50
MW3	11/25/08	<2.5	<2.5	<2.5	230	<2.5	<2.5	<250
MW3	02/25/09	<2.5	<2.5	<2.5	460	<2.5	<2.5	<250
MW3	05/27/09	<2.5	<2.5	<2.5	220	<2.5	<2.5	<250
MW3	09/09/09	<0.50	<0.50	<0.50	79	<0.50	<0.50	<50
MW3	12/02/09	<0.50	<0.50	<0.50	120	<0.50	<0.50	<50
MW3	04/28/10	<1.0	<1.0	<1.0	140	<1.0	<1.0	<100
MW3	**11/18/10**	**<0.50**	**<0.50**	**<0.50**	**43**	**<0.50**	**<0.50**	**<50**
MW4	01/17/89 - 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	<0.50	<0.50	<0.50	499.0	0.8	<0.50	---

TABLE 1B
ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 70104
1725 Park Street
Alameda, California

Well ID	Sampling Date	EDB (µg/L)	1,2-DCA (µg/L)	TAME (µg/L)	TBA (µg/L)	ETBE (µg/L)	DIPE (µg/L)	Ethanol (µg/L)
MW4	08/22/02 - 11/14/03	Not analyzed for these analytes.						
MW4	03/01/04	<0.50	<0.50	<0.50	1,780	<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	<0.50	8,860	<0.50	<0.50	<50.0
MW4	06/14/05	<0.50	2.20	<0.50	5,890	<0.50	<0.50	<50.0
MW4	09/12/05	<0.500	<0.500	<0.500	7,230	<0.500	<0.500	<50.0
MW4	12/13/05	<0.500	3.49	<0.500	3,750g	<0.500	<0.500	<50.0
MW4	03/13/06	<0.50	<0.50	<0.50	2,000	<0.50	<0.50	<100
MW4	06/12/06	<0.50	<0.50	<0.50	740	<0.50	<0.50	<100
MW4	09/08/06	<0.50	<0.50	<0.50	2,800	<0.50	<0.50	<100
MW4	12/05/06	<0.50	<0.50	<0.50	3,900	<0.50	<0.50	<100
MW4	03/12/07	<1.0	<1.0	<1.0	2,800	<1.0	<1.0	<200
MW4	05/29/07	<0.500	<0.500	<0.500	1,350	<0.500	<0.500	<50.0
MW4	08/29/07	<0.50	<0.50	<0.50	940	<0.50	<0.50	<100
MW4	11/29/07	<0.50	<0.50	<0.50	810	<0.50	<0.50	<100
MW4	02/27/08	<0.50	<0.50	<0.50	220	<0.50	<0.50	<100
MW4	05/28/08	<0.500	<0.500	<0.500	107	<0.500	<0.500	<50.0
MW4	08/27/08	<0.50	<0.50	<0.50	130	<0.50	<0.50	<50
MW4	11/25/08	<0.50	<0.50	<0.50	69	<0.50	<0.50	<50
MW4	02/25/09	<2.5	<2.5	<2.5	46	<2.5	<2.5	<250
MW4	05/27/09	<2.5	<2.5	<2.5	<25	<2.5	<2.5	<250
MW4	09/08/09	<1.0	<1.0	<1.0	18	<1.0	<1.0	<100
MW4	12/02/09	<0.50	<0.50	<0.50	38	<0.50	<0.50	<50
MW4	04/28/10	<0.50	<0.50	<0.50	23	<0.50	<0.50	<50
MW4	**11/18/10**	**<0.50**	**<0.50**	**<0.50**	**33**	**<0.50**	**<0.50**	**<50**
MW5	01/17/89 - 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	<0.50	306	<0.50	3	---
MW5	08/22/02 - 11/14/03	Not analyzed for these analytes.						
MW5	03/01/04	<0.50	<0.50	<0.50	528	<0.50	1	---
MW5	06/15/04	---	---	---	---	---	---	<100
MW5	09/13/04	---	---	---	---	---	---	---

TABLE 1B
ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 70104
1725 Park Street
Alameda, California

Well ID	Sampling Date	EDB (µg/L)	1,2-DCA (µg/L)	TAME (µg/L)	TBA (µg/L)	ETBE (µg/L)	DIPE (µg/L)	Ethanol (µg/L)
MW5	12/22/04	---	---	---	---	---	---	---
MW5	03/24/05	<0.50	<0.50	<0.50	1,560	<0.50	1.30	<50.0
MW5	06/14/05	<0.50	<0.50	<0.50	908	<0.50	1.70	<50.0
MW5	09/12/05	<0.500	13.6	<0.500	1,130	<0.500	<0.500	<50.0
MW5	12/13/05	<0.500	16.5	<0.500	878	<0.500	1.01	<50.0
MW5	03/13/06	<0.50	<0.50	<0.50	1,800h	<0.50	<0.50	<100
MW5	06/12/06	<2.5	<2.5	<2.5	800	<2.5	<2.5	<500
MW5	09/08/06	<2.5	<2.5	<2.5	79	<2.5	<2.5	<500
MW5	12/05/06	<0.50	<0.50	<0.50	230	<0.50	<0.50	<100
MW5	03/12/07	<0.50	<0.50	<0.50	290	<0.50	<0.50	<100
MW5	05/29/07	<0.500	<0.500	<0.500	171	<0.500	<0.500	<50.0
MW5	08/29/07	<0.50	<0.50	<0.50	190	<0.50	<0.50	<100
MW5	11/29/07	<0.50	<0.50	<0.50	110	<0.50	<0.50	<100
MW5	02/27/08	<0.50	<0.50	<0.50	78	<0.50	<0.50	<100
MW5	05/28/08	<0.500	<0.500	<0.500	68.3	<0.500	<0.500	<50.0
MW5	08/27/08	<5.0	<5.0	<5.0	<50	<5.0	<5.0	<500
MW5	11/25/08	<5.0	<5.0	<5.0	51	<5.0	<5.0	<500
MW5	02/25/09	<5.0	<5.0	<5.0	<50	<5.0	<5.0	<500
MW5	05/27/09	<5.0	<5.0	<5.0	<50	<5.0	<5.0	<500
MW5	09/09/09	<2.5	<2.5	<2.5	<25	<2.5	<2.5	<250
MW5	12/02/09	<2.0	<2.0	<2.0	<20	<2.0	<2.0	<200
MW5	04/28/10	<0.50	<0.50	<0.50	6.7	<0.50	<0.50	<50
MW5	**11/18/10**	**<5.0**	**<5.0**	**<5.0**	**<50**	**<5.0**	**<5.0**	**<500**
MW6	01/17/89 - 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	<0.50	32	<0.50	<0.50	---
MW6	08/22/02 - 11/14/03	Not analyzed for these analytes.						
MW6	03/01/04	<0.50	<0.50	<0.50	2,000	<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	<0.50	14,700	<0.50	<0.50	<50.0
MW6	06/14/05	<0.50	<0.50	<0.50	22,800	<0.50	<0.50	<50.0
MW6	09/12/05	<0.500	<0.500	<0.500	15,400	<0.500	<0.500	<50.0

TABLE 1B
ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 70104
1725 Park Street
Alameda, California

Well ID	Sampling Date	EDB (µg/L)	1,2-DCA (µg/L)	TAME (µg/L)	TBA (µg/L)	ETBE (µg/L)	DIPE (µg/L)	Ethanol (µg/L)
MW6	12/13/05	<0.500	<0.500	<0.500	5,640g	<0.500	<0.500	<50.0
MW6	03/13/06	<5.0	<5.0	<5.0	11,000	<5.0	<5.0	<1,000
MW6	06/12/06	<5.0	<5.0	<5.0	7,700	<5.0	<5.0	<1,000
MW6	09/08/06	<5.0	<5.0	<5.0	6,000	<5.0	<5.0	<1,000
MW6	12/05/06	<2.5	<2.5	<2.5	11,000	<2.5	<2.5	<500
MW6	03/12/07	<2.5	<2.5	<2.5	5,200	<2.5	<2.5	<500
MW6	05/29/07	<0.500	<0.500	<0.500	3,640	<0.500	<0.500	<50.0
MW6	08/29/07	<2.5	<2.5	<2.5	4,400	<2.5	<2.5	<500
MW6	11/29/07	<2.5	<2.5	<2.5	7,800	<2.5	<2.5	<500
MW6	02/27/08	<25	<25	<25	2,600	<25	<25	<5,000
MW6	05/28/08	<0.500	<0.500	<0.500	156	<0.500	<0.500	<50.0
MW6	08/27/08	<50	<50	<50	<500	<50	<50	<5,000
MW6	11/25/08	<50	<50	<50	890	<50	<50	<5,000
MW6	02/25/09	<50	<50	<50	580	<50	<50	<5,000
MW6	05/27/09	<10	<10	<10	860	<10	<10	<1,000
MW6	09/09/09	<10	<10	<10	120	<10	<10	<1,000
MW6	12/02/09	<5.0	<5.0	<5.0	450	<5.0	<5.0	<500
MW6	04/28/10	<1.0	<1.0	<1.0	210	<1.0	<1.0	<100
MW6	**11/18/10**	**<0.50**	**<0.50**	**<0.50**	**53**	**<0.50**	**<0.50**	**<50**
MW7	01/09/90 - 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	<0.50	144	<0.50	<0.50	---
MW7	08/22/02 - 11/14/03	Not analyzed for these analytes.						
MW7	03/01/04	<0.50	<0.50	<0.50	295	<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	<0.50	163	<0.50	<0.50	<50.0
MW7	06/14/05	<0.50	<0.50	<0.50	878	<0.50	<0.50	<50.0
MW7	09/12/05	<0.500	<0.500	<0.500	6,910	<0.500	<0.500	<50.0
MW7	12/13/05	<0.500	<0.500	<0.500	683	<0.500	<0.500	<50.0
MW7	03/13/06	<0.50	<0.50	<0.50	120	<0.50	<0.50	<100
MW7	06/12/06	<0.50	<0.50	<0.50	31	<0.50	<0.50	<100
MW7	09/08/06	<0.50	<0.50	<0.50	550	<0.50	<0.50	<100

TABLE 1B
ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 70104
1725 Park Street
Alameda, California

Well ID	Sampling Date	EDB (µg/L)	1,2-DCA (µg/L)	TAME (µg/L)	TBA (µg/L)	ETBE (µg/L)	DIPE (µg/L)	Ethanol (µg/L)
MW7	12/05/06	<0.50	<0.50	<0.50	200	<0.50	<0.50	<100
MW7	03/12/07	<0.50	<0.50	<0.50	370	<0.50	<0.50	<100
MW7	05/29/07	<0.500	<0.500	<0.500	270	<0.500	<0.500	<50.0
MW7	08/29/07	<0.50	<0.50	<0.50	150	<0.50	<0.50	<100
MW7	11/29/07	<0.50	<0.50	<0.50	98	<0.50	<0.50	<100
MW7	02/27/08	<0.50	<0.50	<0.50	49	<0.50	<0.50	<100
MW7	05/28/08	<0.500	<0.500	<0.500	<10.0	<0.500	<0.500	<50.0
MW7	08/27/08	<0.50	<0.50	<0.50	7.9	<0.50	<0.50	<50
MW7	11/25/08	<0.50	<0.50	<0.50	19	<0.50	<0.50	<50
MW7	02/25/09	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50
MW7	05/27/09	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50
MW7	09/08/09	<0.50	<0.50	<0.50	9.6	<0.50	<0.50	<50
MW7	12/02/09	<0.50	<0.50	<0.50	5.1	<0.50	<0.50	<50
MW7	04/28/10	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50
MW7	**11/18/10**	**<0.50**	**<0.50**	**<0.50**	**<5.0**	**<0.50**	**<0.50**	**<50**
MW8	09/12/94 - 01/13/99	Not analyzed for these analytes.						
MW8	04/28/99	<0.50	<0.50	<0.50	<10.0	<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	<0.50	<10.0	<0.50	<0.50	---
MW8	08/22/02 - 11/14/03	Not analyzed for these analytes.						
MW8	03/01/04	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	---
MW8	06/15/04	---	---	---	---	---	---	<100
MW8	09/13/04	---	---	---	---	---	---	---
MW8	12/22/04	---	---	---	---	---	---	---
MW8	03/24/05	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<50.0
MW8	06/14/05	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<50.0
MW8	09/12/05	<0.500	<0.500	<0.500	46.2	<0.500	<0.500	<50.0
MW8	12/13/05	<0.500	<0.500	<0.500	<10.0	<0.500	<0.500	<50.0
MW8	03/13/06	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	---
MW8	06/12/06	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	---
MW8	09/08/06	<0.50	<0.50	<0.50	6.9	<0.50	<0.50	---
MW8	12/05/06	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	---
MW8	03/12/07	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	---

TABLE 1B
ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 70104
1725 Park Street
Alameda, California

Well ID	Sampling Date	EDB (µg/L)	1,2-DCA (µg/L)	TAME (µg/L)	TBA (µg/L)	ETBE (µg/L)	DIPE (µg/L)	Ethanol (µg/L)
MW8	05/29/07	<0.500	<0.500	<0.500	<10.0	<0.500	<0.500	---
MW8	08/29/07	<0.50	<0.50	<0.50	<10	<0.50	<0.50	---
MW8	11/29/07	<0.50	<0.50	<0.50	<10	<0.50	<0.50	---
MW8	02/27/08	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	---
MW8	05/28/08	<0.500	<0.500	<0.500	<10.0	<0.500	<0.500	---
MW8	08/27/08	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50
MW8	11/25/08	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50
MW8	02/25/09	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	---
MW8	05/27/09	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	---
MW8	09/09/09	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	---
MW8	12/02/09	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	---
MW8	04/28/10	Well inaccessible.						
MW8	**11/18/10**	**<0.50**	**<0.50**	**<0.50**	**<5.0**	**<0.50**	**<0.50**	**---**
MW9	05/14/93 - 04/14/00	Not analyzed for these analytes.						
MW9	06/16/00	Property transferred to Valero Refining Company.						
MW9	07/05/00 - 02/04/02	Not analyzed for these analytes.						
MW9	05/06/02	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	---
MW9	08/22/02 - 11/14/03	Not analyzed for these analytes.						
MW9	03/01/04	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	---
MW9	06/15/04	---	---	---	---	---	---	<100
MW9	09/13/04	---	---	---	---	---	---	---
MW9	12/22/04	---	---	---	---	---	---	---
MW9	03/24/05	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<50.0
MW9	06/14/05	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<50.0
MW9	09/12/05	<0.500	<0.500	<0.500	<10.0	<0.500	<0.500	<50.0
MW9	12/13/05	<0.500	<0.500	<0.500	<10.0	<0.500	<0.500	<50.0
MW9	03/13/06	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	---
MW9	06/12/06	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	---
MW9	09/08/06	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	---
MW9	12/05/06	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	---
MW9	03/12/07	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	---
MW9	05/29/07	<0.500	<0.500	<0.500	<10.0	<0.500	<0.500	---
MW9	08/29/07	<0.50	<0.50	<0.50	<10	<0.50	<0.50	---
MW9	11/29/07	<0.50	<0.50	<0.50	<10	<0.50	<0.50	---
MW9	02/27/08	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	---

TABLE 1B
ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 70104
1725 Park Street
Alameda, California

Well ID	Sampling Date	EDB (µg/L)	1,2-DCA (µg/L)	TAME (µg/L)	TBA (µg/L)	ETBE (µg/L)	DIPE (µg/L)	Ethanol (µg/L)
MW9	05/28/08	<0.500	<0.500	<0.500	<10.0	<0.500	<0.500	---
MW9	08/27/08	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50
MW9	11/25/08	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50
MW9	02/25/09	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	---
MW9	05/27/09	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	---
MW9	09/09/09	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	---
MW9	12/02/09	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	---
MW9	04/28/10	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	---
MW9	**11/18/10**	**<0.50**	**<0.50**	**<0.50**	**<5.0**	**<0.50**	**<0.50**	**---**
MW10	05/14/93 - 10/08/97	Not analyzed for these analytes.						
MW10	12/12/97	Well destroyed.						
MW11	09/12/94 - 04/14/00	Not analyzed for these analytes.						
MW11	06/16/00	Property transferred to Valero Refining Company.						
MW11	07/05/00 - 02/04/02	Not analyzed for these analytes.						
MW11	05/06/02	<0.50	<0.50	<0.50	311	1.00	<0.50	---
MW11	08/22/02 - 11/14/03	Not analyzed for these analytes.						
MW11	03/01/04	<0.50	<0.50	<0.50	21	<0.50	<0.50	---
MW11	06/15/04	---	---	---	---	---	---	<100
MW11	09/13/04	---	---	---	---	---	---	---
MW11	12/22/04	---	---	---	---	---	---	---
MW11	03/24/05	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<50.0
MW11	06/14/05	<0.50	<0.50	<0.50	49.0	<0.50	<0.50	<50.0
MW11	09/12/05	<0.500	<0.500	<0.500	24.2	<0.500	<0.500	<50.0
MW11	12/13/05	<0.500	<0.500	<0.500	70.8	<0.500	<0.500	<50.0
MW11	03/13/06	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	---
MW11	06/12/06	<0.50	<0.50	<0.50	56	<0.50	<0.50	---
MW11	09/08/06	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	---
MW11	12/05/06	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	---
MW11	03/12/07	<0.50	<0.50	<0.50	45	<0.50	<0.50	---
MW11	05/29/07	<0.500	<0.500	<0.500	<10.0	<0.500	<0.500	---
MW11	08/29/07	<0.50	<0.50	<0.50	100	<0.50	<0.50	---
MW11	11/29/07	<0.50	<0.50	<0.50	110	<0.50	<0.50	---
MW11	02/27/08	<0.50	<0.50	<0.50	31	<0.50	<0.50	---

TABLE 1B
ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 70104
1725 Park Street
Alameda, California

Well ID	Sampling Date	EDB (µg/L)	1,2-DCA (µg/L)	TAME (µg/L)	TBA (µg/L)	ETBE (µg/L)	DIPE (µg/L)	Ethanol (µg/L)
MW11	05/28/08	<0.500	<0.500	<0.500	<10.0	<0.500	<0.500	---
MW11	08/27/08	<25	<25	<25	<250	<25	<25	<2,500
MW11	11/25/08	<25	<25	<25	<250	<25	<25	<2,500
MW11	02/25/09	<2.5	<2.5	<2.5	<25	<2.5	<2.5	---
MW11	05/27/09	<10	18	<10	120	<10	<10	---
MW11	09/09/09	<50	<50	<50	<500	<50	<50	---
MW11	12/02/09	<25	<25	<25	<250	<25	<25	---
MW11	04/28/10	<12	<12	<12	<120	<12	<12	---
MW11	**11/18/10**	**<10**	**<10**	**<10**	**<100**	**<10**	**<10**	**---**
MW12	10/17/95 - 04/14/00	Not analyzed for these analytes.						
MW12	06/16/00	Property transferred to Valero Refining Company.						
MW12	07/05/00 - Present	Not analyzed for these analytes.						
EW1	10/21/93 - 04/14/00	Not analyzed for these analytes.						
EW1	06/16/00	Property transferred to Valero Refining Company.						
EW1	07/05/00 - Present	Not analyzed for these analytes.						
EW2	10/21/93 - 04/14/00	Not analyzed for these analytes.						
EW2	06/16/00	Property transferred to Valero Refining Company.						
EW2	07/05/00 - Present	Not analyzed for these analytes.						
EW3	10/21/93 - 04/14/00	Not analyzed for these analytes.						
EW3	06/16/00	Property transferred to Valero Refining Company.						
EW3	07/05/00 - Present	Not analyzed for these analytes.						
EW4	10/21/93 - 04/14/00	Not analyzed for these analytes.						
EW4	06/16/00	Property transferred to Valero Refining Company.						
EW4	07/05/00 - Present	Not analyzed for these analytes.						
EW5	10/21/93 - 04/14/00	Not analyzed for these analytes.						
EW5	06/16/00	Property transferred to Valero Refining Company.						
EW5	07/05/00 - Present	Not analyzed for these analytes.						

TABLE 1B
ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 70104
1725 Park Street
Alameda, California

Notes:		Total Dissolved Solids were reported in samples collected from wells MW1 and MW4 at 910 ppm and 370 ppm, respectively, on March 7, 1990.
TOC Elev.	=	Top of well casing elevation; datum is mean sea level.
DTW	=	Depth to water.
GW Elev.	=	Groundwater elevation; datum is mean sea level.
NAPL	=	Non aqueous phase liquid.
TPHd	=	Total petroleum hydrocarbons as diesel using EPA Method 5030/8015 (modified).
TPHg	=	Total petroleum hydrocarbons as gasoline analyzed using EPA Method 5030/8015B (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.
<	=	Less than the stated laboratory method reporting limit.
---	=	Not measured/Not sampled/Not analyzed.
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	=	Analyte presence not confirmed by second column or GC/MS analysis.
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.
k	=	Liquid-phase petroleum hydrocarbons present in well, thickness not measured, or not measurable.
l	=	A peak eluting before benzene was present in the groundwater sample, and is suspected to be MTBE.

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

Well ID	Well Installation Date	Well Destruction Date	TOC Elevation (feet)	Borehole Diameter (inches)	Total Depth of Boring (feet bgs)	Well Depth (feet bgs)	Casing Diameter (inches)	Well Casing Material	Screened Interval (feet bgs)	Slot Size (inches)	Filter Pack Interval (feet bgs)	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
MW6 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	NS	12/12/97	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW11b	1995	---	17.98	8	20	20	2	PVC	5-20	0.020	4-20	#3 Sand
MW12b	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
SW1	11/10/93	---	NS	8	20.5	20	2	PVC	17.5-20	0.010	16-20	Pea Gravel

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

Well ID	Well Installation Date	Well Destruction Date	TOC Elevation (feet)	Borehole Diameter (inches)	Total Depth of Boring (feet bgs)	Well Depth (feet bgs)	Casing Diameter (inches)	Well Casing Material	Screened Interval (feet bgs)	Slot Size (inches)	Filter Pack Interval (feet bgs)	Filter Pack Material
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 = Top of well casing elevation; datum is mean sea level.

PVC = Polyvinyl chloride.

feet bgs = feet below ground surface.

NS = Not specified.

--- = Not measured.

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
1725 Park Street
Alameda, California

	Field Measurements											Laboratory Analytical Results			TPHg Removed		Benzene Removed		MTBE Removed		Benzene
Date	Hour Meter	Total Hours	Hours of Operation	Temp EFF (deg F)	Pressure ("H20)	Vacuum ("Hg)	Vacuum (in H2O)	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)	Emitted (lbs/day)
02/16/98	System startup.																				
	—	0	—	—	—	—	—	—	—												
03/24/00	System shutdown pending evaluation.																				
	12,001	0	—	—	—	—	—	—		A-INF	—				<60.80	<60.80	—	—	—	—	—
										A-INT1											
										A-INT2	—										
										A-EFF	—										
04/01/00	Environmental Resolutions Inc. assumed operation of the system.																				
06/28/00	System upgrades complete. System restarted. System shutdown for carbon changeout, 2 x 500-pounds.																				
	12,008	7	7	—	—	—	26	—		A-INF	770.0										
										A-INT1	18.1										
										A-INT2											
										A-EFF	13.3										
07/11/00	System down on arrival; restart.																				
	12,011	10	3	86	—	—	8	4,000	85	A-INF	207.0	51	—	<1.0	0.16	<60.96	0.00	0.00	—	—	<0.01
										A-INT1	9.1	<10	—	<1.0							
										A-INT2											
										A-EFF	0.0	<10	—	<1.0							
07/20/00	System running on arrival (vapor extraction system only). System running on departure.																				
	12,226	225	215	78	—	—	9	4,500	97	A-INF	42.3										
										A-INT1	2.4										
										A-INT2											
										A-EFF	0.0										
07/31/00	System down on departure for carbon changeout (2x500-pounds).																				
	12,493	492	267	87	—	—	9	4,500	95	A-INF	266.0										
										A-INT1	73.0										
										A-INT2											
										A-EFF	41.2										
08/10/00	System down on arrival for carbon changeout. System running on departure.																				
	12,733	732	0	80	—	—	30	800	17	A-INF	53.5	43	—	<1	6.46	<67.42	<0.14	0.13	—	—	<0.001
										A-INT1	0.0	<10	—	<1							
										A-INT2											
										A-EFF	0.0	<10	—	<1							
08/16/00	12,874	873	141	84	—	—	31.5	250	5	A-INF	164.1										
										A-INT1	0.0										
										A-INT2											
										A-EFF	0.0										
08/24/00	System down on departure for carbon changeout.																				
	13,065	1,064	191	76	—	—	20	2,400	52	A-INF	294.0										
										A-INT1	23.7										
										A-INT2											
										A-EFF	2.4										
09/12/00	System down on arrival for carbon changeout. System running on departure.																				
	13,070	1,069	5	74	—	—	20	2,600	56	A-INF	247.5	190	—	2.5	5.39	<72.48	0.08	<0.21	—	—	<0.00
										A-INT1	0.0	<10	—	<1.0							
										A-INT2											
										A-EFF	0.0	<10	—	<1.0							

TABLE 3
OPERATION AND PERFORMANCE DATA FOR AIR SPARGE/SOIL VAPOR EXTRACTION SYSTEM
Former Exxon Service Station 70104
1725 Park Street
Alameda, California

	Field Measurements											Laboratory Analytical Results			TPHg Removed		Benzene Removed		MTBE Removed		Benzene Emitted
Date	Hour Meter	Total Hours	Hours of Operation	Temp EFF (deg F)	Pressure ("H20)	Vacuum ("Hg)	Vacuum (in H2O)	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)
09/26/00	13,406	1,405	336	80	—	—	22	2,450	52	A-INF	448.7										
										A-INT1	10.7										
										A-INT2											
										A-EFF	0.0										
10/12/00	System running on arrival and down on departure for carbon changeout. Samples taken.																				
	13,786	1,785	380	67	—	—	24	2,400	53	A-INF	96.4	55	—	<1.0	17.86	<90.66	<0.26	<0.46	—	—	<0.004
										A-INT1	72.3	21	—	<1.0							
										A-INT2											
										A-EFF	9.0	<10	—	<1.0							
10/30/00	System down on arrival for carbon changeout. System running on departure.																				
	13,788	1,787	2	56	—	—	24	2,450	55	A-INF	10,024	1,700	—	15	0.35	<91.01	0.00	<0.47	—	—	<0.005
										A-INT1	59.1	<10	—	<1.0							
										A-INT2											
										A-EFF	0.0	<10	—	<1.0							
11/08/00	14,008	2,007	220	60	—	—	25	2,300	51	A-INF	102.6	29	—	<1.0	37.69	<128.70	<0.35	<0.81	—	—	<0.004
										A-INT1	41.8	<10	—	<1.0							
										A-INT2											
										A-EFF	0.0	<10	—	<1.0							
11/21/00	System running on arrival. System down on departure for carbon changeout.																				
	14,314	2,313	306	68	—	—	25	2,300	50	A-INF	322.0										
										A-INT1	32.3										
										A-INT2											
										A-EFF	42.9										
12/06/00	System down on arrival for carbon changeout. System down on 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	54	A-INF	957	240	—	2.1	8.15	<136.86	0.09	<0.91	—	—	<0.005
										A-INT1	1.2	<10	—	<1.0							
										A-INT2											
										A-EFF	3.1	<10	—	<1.0							
12/27/00	14,697	2,696	381	56	—	—	26	2,600	58	A-INF	192.1										
										A-INT1	4.8										
										A-INT2											
										A-EFF	0.0										
01/09/01	15,012	3,011	315	56	—	—	25	2,400	54	A-INF	82.4	32	—	<1.0	19.10	<155.95	<0.22	<1.12	—	—	<0.005
										A-INT1	23.2	<10	—	<1.0							
										A-INT2											
										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	51	A-INF	485.0										
										A-INT1	35.2										
										A-INT2											
										A-EFF	20.7										

TABLE 3
OPERATION AND PERFORMANCE DATA FOR AIR SPARGE/SOIL VAPOR EXTRACTION SYSTEM
Former Exxon Service Station 70104
1725 Park Street
Alameda, California

	Field Measurements											Laboratory Analytical Results			TPHg Removed		Benzene Removed		MTBE Removed		Benzene Emitted
Date	Hour Meter	Total Hours	Hours of Operation	Temp EFF (deg F)	Pressure ("H20)	Vacuum ("Hg)	Vacuum (in H2O)	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)
01/31/01	15,355	3,354	2	45	—	—	33	1,500	34	A-INF	10,000										
										A-INT1	0										
										A-INT2											
										A-EFF	0										
02/13/01	15,669	3,668	314	56	—	—	12	4,000	90	A-INF	37.8	31	—	<1.0	5.55	<161.50	<0.18	<1.31	—	—	<0.008
										A-INT1	29.5	<10	—	<1.0							
										A-INT2											
										A-EFF	0	<10	—	<1.0							
02/27/01	System down on departure for changeout.																				
	15,999	3,998	330	70	—		8	4,000	87	A-INF	316										
										A-INT1	37.5										
										A-INT2											
										A-EFF	73.6										
03/13/01	System down on arrival for changeout and running on departure. Monthly samples taken.																				
	16,002	4,001	3	65	—	—	9	4,000	88	A-INF	5,833	1,300	—	6.1	73.60	<235.10	0.39	<1.69	—	—	<0.008
										A-INT1	190.4	16	—	<1.0							
										A-INT2											
										A-EFF	0	11	—	<1.0							
03/27/01	System running on arrival and departure.																				
	16,336	4,335	334	62	—	—	10	4,000	89	A-INF	182.6										
										A-INT1	16.8										
										A-INT2											
										A-EFF	0										
04/12/01	System running on arrival and departure.																				
	16,725	4,724	389	72	—	—	8	4,000	87	A-INF	4.8										
										A-INT1	2.6										
										A-INT2											
										A-EFF	0										
04/25/01	System running on arrival and departure.																				
	17,034	5,033	309	80	—	—	9	4,000	86	A-INF	18.6	<10	—	<1.0	<219.46	<454.56	<1.19	<2.86	—	—	<0.008
										A-INT1	9.5	<10	—	<1.0							
										A-INT2											
										A-EFF	0	26	—	<1.0							
05/09/01	System running on arrival and departure.																				
	17,371	5,370	337	86	—	—	10	4,000	85	A-INF	11.3	<10	—	<1.0	<1.07	<455.64	<0.11	<2.99	—	—	<0.007
										A-INT1	3.6	<10	—	<1.0							
										A-INT2											
										A-EFF	5.9	<10	—	<1.0							
05/24/01	System running on arrival and departure.																				
	17,734	5,733	363	86	—	—	20	3,050	65	A-INF	6.2										
										A-INT1	1.6										
										A-INT2											
										A-EFF	3.1										

TABLE 3
OPERATION AND PERFORMANCE DATA FOR AIR SPARGE/SOIL VAPOR EXTRACTION SYSTEM
Former Exxon Service Station 70104
1725 Park Street
Alameda, California

Date	Field Measurements										Laboratory Analytical Results			TPHg Removed		Benzene Removed		MTBE Removed		Benzene Emitted (lbs/day)
	Hour Meter	Total Hours	Hours of Operation	Temp EFF (deg F)	Pressure ("H20)	Vacuum ("Hg)	Vacuum (in H2O)	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)	
06/04/01	System running on arrival and departure.																			
	17,992	5,991	258	80	—	—	40	500	11	A-INF	496	280	—	<1.0	16.05	<471.69	<0.11	<3.11	—	—	<0.001
										A-INT1	19.7	<10	—	<1.0						
										A-INT2										
										A-EFF	3.2	<10	—	<1.0						
06/19/01	System running on arrival and departure.																			
	18,353	6,352	361	80	—	—	38	500	11	A-INF	140									
										A-INT1	6.4									
										A-INT2										
										A-EFF	3.0									
07/02/01	System running on arrival and departure.																			
	18,660	6,659	307	80	—	—	38	500	11	A-INF	7.2									
										A-INT1	0.0									
										A-INT2										
										A-EFF	0.0									
07/17/01	System running on arrival and departure.																			
	19,028	7,027	368	75	—	—	10	4,000	86	A-INF	0.0	<10	—	<1.0	<27.27	<498.96	<0.19	<3.29	—	—	<0.008
										A-INT1	0.0	<10	—	<1.0						
										A-INT2										
										A-EFF	0.0	<10	—	<1.0						
08/07/01	System running on arrival and shut down on departure for blower failure.																			
				---	---	---	---	---	---											
08/13/01	System down on arrival; blower removed awaiting replacement.																			
08/27/01	System down awaiting blower replacement.																			
09/10/01	System down awaiting blower replacement.																			
10/18/01	System down on arrival, installed blower, and running on departure.																			
	19,534	7,533	506	120	—	—	31	4,000	80	A-INF	568.0									
										A-INT1	3.0									
										A-INT2										
										A-EFF	2.0									
10/24/01	System running on arrival and departure.																			
	19,673	7,672	139	80	—	—	41	3,300	71	A-INF	93.1	72	—	<1.0	7.76	<506.73	<0.19	<3.48	—	—	<0.006
										A-INT1	7.3	<10	—	<1.0						
										A-INT2										
										A-EFF	5	<10	—	<1.0						
11/07/01	System running on arrival and down on departure for carbon changeout.																			
	20,012	8,011	339	74	—	—	45	3,000	65	A-INF	230.0	55	—	<1.0	5.46	<512.18	<0.09	<3.57	—	—	<0.005
										A-INT1	27.0	<10	—	<1.0						
										A-INT2										
										A-EFF	5.1	<10	—	<1.0						
11/21/01	System running on arrival and down on departure for carbon changeout. Samples taken.																			
	20,012	8,011	0	150	—	—	45	3,000	57	A-INF	373.0									
										A-INT1	0.0									
										A-INT2										
										A-EFF	0									

TABLE 3
OPERATION AND PERFORMANCE DATA FOR AIR SPARGE/SOIL VAPOR EXTRACTION SYSTEM
Former Exxon Service Station 70104
1725 Park Street
Alameda, California

	Field Measurements											Laboratory Analytical Results			TPHg Removed		Benzene Removed		MTBE Removed		Benzene
Date	Hour Meter	Total Hours	Hours of Operation	Temp EFF (deg F)	Pressure ("H20)	Vacuum ("Hg)	Vacuum (in H2O)	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)	Emitted (lbs/day)
12/12/01	System down on arrival, knockout tank High/High (H/H), and running on departure.																				
	20,361	8,360	349	142	—	—	46	3,000	58	A-INF	98.1	45	—	1.3	4.00	<516.18	0.09	<3.66	—	—	<0.005
										A-INT1	1.0	<10	—	<1.0							
										A-INT2											
										A-EFF	2.7	<10	—	<1.0							
12/27/01	System down on arrival and running on departure.																				
	20,508	8,507	147	142	—	—	44	2,400	46	A-INF	2,396										
										A-INT1	2.4										
										A-INT2											
										A-EFF	0										
01/09/02	System down on arrival, knockout tank H/H, and running on departure.																				
	20,541	8,540	33	148	—		42	2,700	51	A-INF	794.5	670	—	8.0	13.10	<529.28	0.17	<3.82	—	—	<0.004
										A-INT1	36.2	<10	—	<1.0							
										A-INT2											
										A-EFF	2	<10	—	<1.0							
01/23/02	System running on arrival and down on departure for carbon changeout.																				
	20,876	8,875	335	136	—	—	45	3,800	74	A-INF	41.2										
										A-INT1	8.3										
										A-INT2											
										A-EFF	7.2										
02/06/02	System down on arrival and running on departure.																				
	20,877	8,876	1	50	—	—	50	3,000	68	A-INF	260	458	—	24.5	42.27	<571.55	1.22	<4.92	—	—	<0.003
										A-INT1	4.9	<5.00	—	<0.500							
										A-INT2											
										A-EFF	0.1	<5.00	—	<0.500							
02/21/02	System running on arrival and on departure.																				
	21,237	9,236	360	158	—	—	50	2,600	49	A-INF	189.8										
										A-INT1	4.7										
										A-INT2											
										A-EFF	0.0										
03/06/02	System running on arrival and on departure.																				
	21,549	9,548	312	152	—	—	45	2,800	53	A-INF	185.2	82.3	—	2.90	41.02	<612.57	2.08	<6.90	—	—	<0.002
										A-INT1	14.2	15.1	—	<0.500							
										A-INT2											
										A-EFF	1.4	16.0	—	<0.500							
03/21/02	System running on arrival and departure. Installed pressure gauge for field reading.																				
	21,913	9,912	364	146	—	—	38	3,200	61	A-INF	96.3										
										A-INT1	1.5										
										A-INT2											
										A-EFF	1.7										
04/10/02	System running on arrival and down on departure.																				
	22,393	10,392	480	76	—	—	45	3,200	69	A-INF	64.3	12.0	—	0.16	9.07	<621.64	0.29	<7.40	—	—	<0.001
										A-INT1	19.6	<10	—	<0.10							
										A-INT2											
										A-EFF	6	<10	—	<0.10							

TABLE 3
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Former Exxon Service Station 70104
1725 Park Street
Alameda, California

Date	Field Measurements											Laboratory Analytical Results			TPHg Removed		Benzene Removed		MTBE Removed		Benzene Emitted (lbs/day)
	Hour Meter	Total Hours	Hours of Operation	Temp EFF (deg F)	Pressure ("H20)	Vacuum ("Hg)	Vacuum (in H2O)	Flow (fpm)	Flow (scfm)	Sample ID	PID (ppmv)	TPHg (mg/M³)	MTBE (mg/M³)	Benzene (mg/M³)	Per Period (pounds)	Cumulative (pounds)	Per Period (pounds)	Cumulative (pounds)	Per Period (pounds)	Cumulative (pounds)	
05/08/02	System down on arrival and running on departure.																				
	22,394	10,393	1	109	—	—	37	3,000	61	A-INF	354.1	440.0	---	3.2	0.05	<621.69	0.00	<7.43	---	---	<0.000
										A-INT1	16.7	<10	---	<0.10							
										A-INT2											
										A-EFF	11.9	10	---	<0.10							
05/16/02	System running on arrival and on departure.																				
	22,592	10,591	198	118	7	—	41	2,800	57	A-INF	98.1										
										A-INT1	3.9										
										A-INT2											
										A-EFF	3.9										
05/22/02	System running on arrival and on departure.																				
	22,731	10,730	139	118	7	—	38	2,800	57	A-INF	98.1										
										A-INT1	3.9										
										A-INT2											
										A-EFF	3.9										
06/05/02	System running on arrival and down on departure for carbon changeout.																				
	23,068	11,067	337	118	—	—	38	3,000	60	A-INF	101.1										
										A-INT1	10.1										
										A-INT2											
										A-EFF	18.2										
06/19/02	System down on arrival and running on departure.																				
	23,068	11,067	0	76	—	—	9	3,000	65	A-INF	178.8	120.0	---	0.83	44.32	<666.01	0.32	<7.73	---	---	<0.001
										A-INT1	0.0	<10	---	<0.10							
										A-INT2											
										A-EFF	0.0	<10	---	<0.10							
07/03/02	System running on arrival and departure.																				
	23,409	11,408	341	112	—	—	25	3,000	61	A-INF	62.2	33	---	0.25	6.11	<672.12	0.04	<7.79	---	---	<0.001
										A-INT1	0.0	<10	---	<0.10							
										A-INT2											
										A-EFF	0.0	<10	---	<0.10							
07/17/02	System down on arrival and running on departure.																				
	23,434	11,433	25	109	—	—	70	3,000	61	A-INF	82.2										
										A-INT1	0.0										
										A-INT2											
										A-EFF	0.0										
07/31/02	System running on arrival and departure.																				
	23,764	11,763	330	110	—	—	21	3,000	61	A-INF	16.4										
										A-INT1	0.0										
										A-INT2											
										A-EFF	0.0										
08/14/02	System running on arrival and departure.																				
	24,103	12,102	339	112	—	—	16	3,000	61	A-INF	9.8	19	---	0.21	4.09	<676.21	0.04	<7.83	---	---	<0.001
										A-INT1	0.0	<10	---	<0.10							
										A-INT2											
										A-EFF	0.0	<10	—	<0.10							

TABLE 3
OPERATION AND PERFORMANCE DATA FOR AIR SPARGE/SOIL VAPOR EXTRACTION SYSTEM
Former Exxon Service Station 70104
1725 Park Street
Alameda, California

	Field Measurements										Laboratory Analytical Results			TPHg Removed		Benzene Removed		MTBE Removed		Benzene Emitted
Date	Hour Meter	Total Hours	Hours of Operation	Temp EFF (deg F)	Pressure ("H20)	Vacuum ("Hg)	Vacuum (in H2O)	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)
08/28/02	System running on arrival and down departure.																				
	24,414	12,413	311	110	—	—	16	3,000	61	A-INF	16.0										
										A-INT1	0.0										
										A-INT2											
										A-EFF	0.0										
11/06/02	System down on arrival and running departure.																				
	24,415	12,414	1	106	—	—	26	3,000	61	A-INF	1282	1,300	—	12	46.88	<723.10	0.43	<8.24	—	—	<0.001
										A-INT1	0.0	<10	—	<0.10							
										A-INT2											
										A-EFF	0.0	<10	—	<0.10							
11/20/02	System running on arrival and departure.																				
	24,754	12,753	339	122	—	—	36	3,300	66	A-INF	67.6										
										A-INT1	1.1										
										A-INT2											
										A-EFF	0.0										
12/04/02	System running on arrival and departure.																				
	25,084	13,083	330	112	—	—	46	3,200	65	A-INF	47.5	<500	—	<5.0	<141.73	<864.83	<1.34	<9.48	—	—	<0.005
										A-INT1	0.2	<100	—	<1.0							
										A-INT2											
										A-EFF	0.0	<100	—	<1.0							
12/18/02	System running on arrival and departure. Carbon changeout performed.																				
	25,422	13,421	668	112	7	—	46	3,000	62	A-INF	76.1										
										A-INT1	2.1										
										A-INT2											
										A-EFF	0.0										
01/06/03	System running on arrival and on departure for carbon changeout.																				
	25,875	13,874	453	—	—	—	35	3200	80	A-INF	372.0										
										A-INT1	602.0										
										A-INT2											
										A-EFF	604.0										
01/15/03	System down on arrival and running on departure.																				
	25,875	13,874	0	112	—	—	45	2,800	57	A-INF	134.0	110	—	1.4	54.68	<919.51	0.57	<10.11	—	—	<0.001
										A-INT1	1.3	22	—	<0.20							
										A-INT2											
										A-EFF	0.0	<20	—	<0.20							
01/29/03	System running on arrival and departure.																				
	26,210	14,209	335	114	—	—	45	2,700	54	A-INF	56.9										
										A-INT1	0.0										
										A-INT2											
										A-EFF	0.0										
02/12/03	System running on arrival and departure.																				
	26,548	14,547	338	110	—	—	44	2,800	57	A-INF	50.6	24	—	0.27	9.55	<929.06	0.12	<10.28	—	—	<0.000
										A-INT1	3.4	90	—	1.1							
										A-INT2											
										A-EFF	0.0	<10	—	<0.10							

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OPERATION AND PERFORMANCE DATA FOR AIR SPARGE/SOIL VAPOR EXTRACTION SYSTEM
Former Exxon Service Station 70104
1725 Park Street
Alameda, California

Date	Field Measurements											Laboratory Analytical Results			TPHg Removed		Benzene Removed		MTBE Removed		Benzene Emitted (lbs/day)
	Hour Meter	Total Hours	Hours of Operation	Temp EFF (deg F)	Pressure ("H20)	Vacuum ("Hg)	Vacuum (in H2O)	Flow (fpm)	Flow (scfm)	Sample ID	PID (ppmv)	TPHg (mg/M³)	MTBE (mg/M³)	Benzene (mg/M³)	Per Period (pounds)	Cumulative (pounds)	Per Period (pounds)	Cumulative (pounds)	Per Period (pounds)	Cumulative (pounds)	
02/26/03	System running on arrival and departure. Carbon changeout performed																				
	26,884	14,883	336	112	—	—	44	2,300	46	A-INF	122.9										
										A-INT1	1.9										
										A-INT2											
										A-EFF	0.0										
03/12/03	System running on arrival and departure. Carbon changeout performed																				
	27,218	15,217	334	120	—	—	43	2,600	52	A-INF	30.4	59	—	0.81	5.64	<934.71	0.07	<10.36	—	—	<0.000
										A-INT1	0.6	<10	—	<0.10							
										A-INT2											
										A-EFF	0.1	<10	—	<0.10							
03/26/03	System running on arrival and departure.																				
	27,555	15,554	337	116	—	—	40	2,700	54	A-INF	12.4										
										A-INT1	2.5										
										A-INT2											
										A-EFF	0.1										
04/09/03	System running on arrival and departure.																				
	27,889	15,888	334	120	—	—	40	2,800	56	A-INF	36.0	57	—	0.36	7.83	<942.53	0.08	<10.45	—	—	<0.001
										A-INT1	2.4	<10	—	<0.10							
										A-INT2											
										A-EFF	1.0	<10	—	<0.10							
04/23/03	System running on arrival and departure.																				
	28,227	16,226	338	113	—	—	39	2,400	48	A-INF	54.7										
										A-INT1	4.0										
										A-INT2											
										A-EFF	3.7										
05/07/03	System running on arrival and departure.																				
	28,563	16,562	336	118	—	—	40	2,500	50	A-INF	8.5	14	—	0.34	4.73	<947.27	0.05	<10.49	—	—	<0.000
										A-INT1	1.8	<10	—	<0.10							
										A-INT2											
										A-EFF	2.2	<10	—	<0.10							
05/21/03	System running on arrival and departure.																				
	28,900	16,899	337	127	—	—	38	2,750	54	A-INF	15.8										
										A-INT1	2.4										
										A-INT2											
										A-EFF	1.3										
06/04/03	System running on arrival. System down on departure for carbon changeout.																				
	29,234	17,233	334	121	—	—	39	2,900	58	A-INF	81.2										
										A-INT1	90.7										
										A-INT2											
										A-EFF	70.2										
06/18/03	System down on arrival for changeout. System running on departure.																				
	29,237	17,236	3	120	—	—	39	2,800	56	A-INF	120.0	790	—	12	53.58	<1,000.85	0.82	<11.32	—	—	<0.001
										A-INT1	0.1	<10	—	0.13							
										A-INT2											
										A-EFF	0.1	<10	—	<0.10							

TABLE 3
OPERATION AND PERFORMANCE DATA FOR AIR SPARGE/SOIL VAPOR EXTRACTION SYSTEM
Former Exxon Service Station 70104
1725 Park Street
Alameda, California

Date	Hour Meter	Total Hours	Hours of Operation	Field Measurements: Temp EFF (deg F)	Pressure ("H20)	Vacuum ("Hg)	Vacuum (in H2O)	Flow (fpm)	Flow (scfm)	Sample ID	PID (ppmv)	Laboratory Analytical Results: TPHg (mg/M³)	MTBE (mg/M³)	Benzene (mg/M³)	TPHg Removed: Per Period (pounds)	TPHg Removed: Cumulative (pounds)	Benzene Removed: Per Period (pounds)	Benzene Removed: Cumulative (pounds)	MTBE Removed: Per Period (pounds)	MTBE Removed: Cumulative (pounds)	Benzene Emitted (lbs/day)
07/02/03	System running on arrival and departure.																				
	29,576	17,575	339	120	—	—	38	3,200	64	A-INF	91.0	70	—	1.1	32.58	<1,033.43	0.50	<11.81	—	—	<0.001
										A-INT1	0.0	<10	—	<0.10							
										A-INT2											
										A-EFF	0.1	<10	—	<0.10							
07/16/03	System running on arrival and departure.																				
	29,910	17,909	334	129	—	—	39	3,150	62	A-INF	95.0										
										A-INT1	6.6										
										A-INT2											
										A-EFF	2.5										
07/30/03	System running on arrival. Shut down for carbon changeout. Down on departure.																				
	30,241	18,240	331	118	—	—	40	3,050	61	A-INF	51.7										
										A-INT1	22.6										
										A-INT2											
										A-EFF	0.0										
08/13/03	System down on arrival. Restarted. Running on departure.																				
	30,244	18,243	3	125	—	—	39	3,100	61	A-INF	321.0	110	—	1.9	14.05	<1,047.48	0.23	<12.05	—	—	<0.001
										A-INT1	5.7	<10	—	<0.10							
										A-INT2											
										A-EFF	6.8	10	—	0.26							
08/27/03	System running on arrival and departure.																				
	30,501	18,500	257	121	—	—	39	2,900	58	A-INF	122.6										
										A-INT1	2.6										
										A-INT2											
										A-EFF	1.5										
09/10/03	System running on arrival and departure.																				
	30,919	18,918	418	126	—	—	40	2,650	—	A-INF	117.0	93	—	2.4	14.54	<1,062.02	0.31	<12.35	—	—	<0.0005
										A-INT1	6.4	<10	—	<0.10							
										A-INT2											
										A-EFF	3.0	<10	—	<0.10							
09/24/03	System running on arrival and departure.																				
	31,256	19,255	337	120	—	—	38.5	3,150	63	A-INF	96.0										
										A-INT1	17.0										
										A-INT2											
										A-EFF	0.6										
10/08/03	System running on arrival and departure.																				
	31,587	19,586	331	120	—	—	38	3,000	60	A-INF	31.0	33	—	0.52	8.82	<1,070.84	0.20	<12.56	—	—	<0.0005
										A-INT1	1.9	<10	—	<0.10							
										A-INT2											
										A-EFF	0.0	<10	—	<0.10							
10/22/03	System running on arrival. Shut down due to bad motor starter.																				
	31,923	19,922	336	—	—	—	41	2,700	68	A-INF	36.0										
										A-INT1	3.0										
										A-INT2											
										A-EFF	2.0										
11/03/03	System down on arrival and departure.																				
11/12/03	System down on arrival and departure. Replaced blower motor starter heater assembly.																				

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Former Exxon Service Station 70104
1725 Park Street
Alameda, California

	Field Measurements											Laboratory Analytical Results			TPHg Removed		Benzene Removed		MTBE Removed		Benzene
Date	Hour Meter	Total Hours	Hours of Operation	Temp EFF (deg F)	Pressure ("H20)	Vacuum ("Hg)	Vacuum (in H2O)	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)	Emitted (lbs/day)
11/17/03	System down on arrival. Restarted. Running on departure.																				
	31,927	19,926	4	110	—	—	36	3,100	63	A-INF	262.0										
										A-INT1	3.1										
										A-INT2											
										A-EFF	0.2										
12/01/03	System running on arrival and departure.																				
	32,263	20,262	336	108	—	—	38	2,800	57	A-INF	25.3	26	—	0.55	4.35	<1,075.19	0.08	<12.64	—	—	<0.0005
										A-INT1	0.0	<10	—	<0.10							
										A-INT2											
										A-EFF	0.0	<10	—	<0.10							
12/15/03	System running on arrival and departure.																				
	32,600	20,599	337	102	10	—	32	3,400	72	A-INF	53.0										
										A-INT1	7.0										
										A-INT2											
										A-EFF	2.7										
12/29/03	System running on arrival and departure.																				
	32,932	20,931	332	94	9.5	—	34	3,400	73	A-INF	46.9										
										A-INT1	0.0										
										A-INT2											
										A-EFF	0.0										
01/12/04	System down on arrival, groundwater pump and treat transfer pump failure. System down for knockout drum replacement.																				
01/26/04	System down on arrival and departure, blower not starting (needs troubleshooting).																				
02/09/04	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	185.6	124	8.63	11.3	20.00	<1,095.18	1.58	<14.22	0.00	0.00	<0.0039
										A-INT1	0.0	<10.2	<0.508	<0.508							
										A-INT2											
										A-EFF	0.6	<10.2	<0.508	<0.508							
06/28/05	33,269	21,268	1	72	2	—	88.5	3,400	74	A-INF	34.1										
										A-INT1	0.0										
										A-INT2											
										A-EFF	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	711.0										
										A-INT1	0.0										
										A-INT2											
										A-EFF	0.0										
07/01/05	System down awaiting Bay Area Air Quality Management District permit modification.																				
07/08/05	Restart system with bi-weekly visitation frequency (BAAQMD).																				
	33,291	21,290	2	70	2	—	95.3	3,000	66	A-INF	571.0										
										A-INT1	0.0										
										A-INT2											
										A-EFF	4.7										

TABLE 3
OPERATION AND PERFORMANCE DATA FOR AIR SPARGE/SOIL VAPOR EXTRACTION SYSTEM
Former Exxon Service Station 70104
1725 Park Street
Alameda, California

	Field Measurements											Laboratory Analytical Results			TPHg Removed		Benzene Removed		MTBE Removed		Benzene
Date	Hour Meter	Total Hours	Hours of Operation	Temp EFF (deg F)	Pressure ("H20)	Vacuum ("Hg)	Vacuum (in H2O)	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)	Emitted (lbs/day)
07/11/05	Shut down system on departure for vapor-phase carbon (VPC) changeout 3@500-pounds.																				
	33,362	21,361	71	79	1	—	68.1	4,000	86	A-INF	1,683.0										
										A-INT1	196.0										
										A-INT2											
										A-EFF	224.0										
07/15/05	Restarted system post VPC changeout. Added one more 500-pound vessel in series, three total before discharge to atmosphere.																				
	33,363	21,362	1	78	2	---	108.9	3,000	65	A-INF	440.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
07/22/05	33,363	21,362	0	78	2	—	108.9	3,000	65	A-INF	440.0	799	71.8	72.7	12.27	<1,107.45	1.12	<15.33	1.07	1.07	0.003
										A-INT1	0.0	20.2	4.87	2.03							
										A-INT2	---	---	---	---							
										A-EFF	0.0	<10.2	<0.609	0.508							
07/24/05	Responded to auto dialer callout. Shut down system, arranging for liquid-phase carbon (LPC) changeout (clogged) 3@500-pounds.																				
	33,462	21,461	99	80	2	—	108.9	2,600	56												
07/29/05	33,462	21,461	0	---	---	---	---	---	---												
08/05/05	33,462	21,461	0	78	2	---	108.9	2,800	60	A-INF	16.0	8.64	0.704	0.855	9.36	<1,116.81	0.85	<16.19	0.84	1.91	<0.003
										A-INT1	0.0	<5.00	<0.500	<0.500							
										A-INT2	0.0	<5.00	<0.500	<0.500							
										A-EFF	0.0	<5.00	<0.500	<0.500							
08/12/05	33,470	21,469	8	78	2	---	108.9	2,600	56	A-INF	56.0										
										A-INT1	46.0										
										A-INT2	6.0										
										A-EFF	0.0										
08/19/05	33,638	21,637	168	70	2	---	108.9	2,600	57	A-INF	18.0										
										A-INT1	8.1										
										A-INT2											
										A-EFF	7.6										
08/26/05	33,638	21,637	0	70	2	---	108.9	2,600	57	A-INF	56.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
09/02/05	33,806	21,805	168	70	2	---	122.5	3,000	66	A-INF	58.3										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										

TABLE 3
OPERATION AND PERFORMANCE DATA FOR AIR SPARGE/SOIL VAPOR EXTRACTION SYSTEM
Former Exxon Service Station 70104
1725 Park Street
Alameda, California

Date	Hour Meter	Total Hours	Hours of Operation	Field Measurements: Temp EFF (deg F)	Pressure ("H20)	Vacuum ("Hg)	Vacuum (in H2O)	Flow (fpm)	Flow (scfm)	Sample ID	PID (ppmv)	Laboratory Analytical Results: TPHg (mg/M³)	MTBE (mg/M³)	Benzene (mg/M³)	TPHg Removed: Per Period (pounds)	TPHg Removed: Cumulative (pounds)	Benzene Removed: Per Period (pounds)	Benzene Removed: Cumulative (pounds)	MTBE Removed: Per Period (pounds)	MTBE Removed: Cumulative (pounds)	Benzene Emitted (lbs/day)
09/09/05	33,974	21,973	168	70	2	—	122.5	2,600	57	A-INF	58.3	14.4	<0.500	0.520	1.29	<1,118.11	0.08	<16.26	<0.07	<1.98	<0.003
										A-INT1	0.0	<5.00	<0.500	<0.500							
										A-INT2	0.0	<5.00	<0.500	<0.500							
										A-EFF	0.0	<5.00	<0.500	<0.500							
09/16/05	34,142	22,141	168	70	2	—	108.9	3,600	79	A-INF	168.0										
										A-INT1	3.0										
										A-INT2	0.0										
										A-EFF	0.0										
09/19/05	34,208	22,207	66	70	2	—	108.9	3,600	79	A-INF	---										
										A-INT1	---										
										A-INT2	---										
										A-EFF	---										
10/07/05	34,208	22,207	0	70	2	—	108.9	3,600	78	A-INF	6.0										
										A-INT1	21.0										
										A-INT2	0.0										
										A-EFF	0.0										
10/14/05	System shut down for blower repair and vapor piping size increase.																				
	34,335	22,334	127	---	---	---	---	---	---	A-INF	---										
										A-INT1	---										
										A-INT2	---										
										A-EFF	---										
02/23/06	System down on arrival. Retrofit complete. Restarted. Running on departure.																				
	3	34,338	3	69	—	—	122.5	3,000	147	A-INF	12.2										
										A-INT1	12.1										
										A-INT2	0.8										
										A-EFF	0.4										
02/24/06	System running on arrival and departure.																				
	24	34,359	21	70	2	—	136	1,600	79	A-INF	0.0	<5.00	<0.500	<0.500	<0.95	<1,119.06	<0.05	<16.31	<0.05	<2.03	<0.004
										A-INT1	0.0	27.3	3.24	<0.500							
										A-INT2	0.0	<5.00	<0.500	<0.500							
										A-EFF	0.0	<5.00	<0.500	<0.500							
03/03/06	System running on arrival and departure.																				
	191	34,526	167	70	2	—	136	1,600	79	A-INF	0.0	24.5a	<0.500	<0.500	<0.73	<1,119.78	<0.02	<16.34	<0.02	<2.05	<0.004
										A-INT1	0.0	58.9 a	<0.500	<0.500							
										A-INT2	0.0	5.00	<0.500	<0.500							
										A-EFF	0.0	5.00	<0.500	<0.500							
03/10/06	System running on arrival and departure.																				
	277	34,612	86	70	2	—	136	1,600	79	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										

TABLE 3
OPERATION AND PERFORMANCE DATA FOR AIR SPARGE/SOIL VAPOR EXTRACTION SYSTEM
Former Exxon Service Station 70104
1725 Park Street
Alameda, California

	Field Measurements											Laboratory Analytical Results			TPHg Removed		Benzene Removed		MTBE Removed		Benzene Emitted
Date	Hour Meter	Total Hours	Hours of Operation	Temp EFF (deg F)	Pressure ("H20)	Vacuum ("Hg)	Vacuum (in H2O)	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)
03/17/06	System down on arrival (well box high level). Restarted. Running on departure.																				
	375	34,710	98	70	2	—	136	1,200	59	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
03/24/06	System running on arrival and departure.																				
	510	34,845	135	70	2	—	136	1,400	69	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
03/31/06	System down on arrival (well box high level). Restarted. Running on departure.																				
	527	34,862	17	70	2	—	149.71	1,500	74	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
04/07/06	System running on arrival and departure.																				
	696	35,031	169	70	2	—	135.9	1,400	69	A-INF	0.0	<50.0	<0.500	0.535	<5.20	<1,124.98	<0.07	<16.41	<0.07	<2.12	<0.003
										A-INT1	0.0	<50.0	0.571	<0.500							
										A-INT2	0.0	70.8 a	<0.500	<0.500							
										A-EFF	0.0	84.9a	<0.500	<0.500							
04/13/06	System running on arrival, down on departure for carbon changeout.																				
	837	35,172	141	76	2	—	135.9	2,200	107	A-INF	1.5										
										A-INT1	43.9										
										A-INT2	30.3										
										A-EFF	26.0										
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	68	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
05/05/06	System running on arrival and departure.																				
	1,006	23,340	169	70	2	—	108.7	1,500	74	A-INF	0.0	b	b	b							
										A-INT1	0.0	b	b	b							
										A-INT2	0.0	<50.0	<0.500	<0.500							
										A-EFF	0.0	<50.0	<0.500	<0.500							
05/12/06	System running on arrival and departure.																				
	1,172	23,506	166	70	2	—	122.3	1,500	74	A-INF	0.0	<50.0	<0.500	<0.500	<6.36	<1,131.33	<0.07	<16.48	<0.06	<2.18	<0.003
										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							
05/19/06	System running on arrival and departure.																				
	1,339	23,673	167	70	2	—	135.9	1,600	79	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										

TABLE 3
OPERATION AND PERFORMANCE DATA FOR AIR SPARGE/SOIL VAPOR EXTRACTION SYSTEM
Former Exxon Service Station 70104
1725 Park Street
Alameda, California

	Field Measurements											Laboratory Analytical Results			TPHg Removed		Benzene Removed		MTBE Removed		Benzene Emitted
Date	Hour Meter	Total Hours	Hours of Operation	Temp EFF (deg F)	Pressure ("H20)	Vacuum ("Hg)	Vacuum (in H2O)	Flow (fpm)	Flow (scfm)	Sample ID	PID (ppmv)	TPHg (mg/M³)	MTBE (mg/M³)	Benzene (mg/M³)	Per Period (pounds)	Cumulative (pounds)	Per Period (pounds)	Cumulative (pounds)	Per Period (pounds)	Cumulative (pounds)	(lbs/day)
05/25/06	System running on arrival and departure.																				
	1,485	23,819	146	70	2	---	135.9	1,600	79	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
06/02/06	System running on arrival and departure.																				
	1,676	24,010	191	70	2	---	135.9	1,600	79	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
06/09/06	System running on arrival and departure.																				
	1,846	24,180	170	70	2	---	135.9	1,499	74	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
06/16/06	System down on arrival and running on departure.																				
	1,967	24,301	121	70	2	---	135.9	1,400	69	A-INF	0.0	<50.0	2.73	<0.500	<10.61	<1,141.95	<0.11	<16.58	<0.34	<2.53	<0.003
										A-INT1	0.0	---	---	---							
										A-INT2	0.0	<50.0	<0.500	<0.500							
										A-EFF	0.0	<50.0	<0.500	<0.500							
06/23/06	System running on arrival and departure.																				
	2,134	24,468	167	70	2	---	135.9	1,450	71	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
06/30/06	System running on arrival and departure.																				
	2,300	24,634	166	70	2	---	135.9	1,400	69	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
07/05/06	System running on arrival and departure.																				
	2,424	24,758	124	70	2	---	135.9	2,000	98	A-INF	15.7	<50.0	<0.500	<0.500	<7.15	<1,149.10	<0.07	<16.65	<0.23	<2.76	<0.004
										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							
07/14/06	System running on arrival and departure.																				
	2,644	24,978	220	70	2	---	135.9	2,000	98	A-INF	240.0										
										A-INT1	3.2										
										A-INT2	0.0										
										A-EFF	0.0										
07/20/06	System running on arrival and departure.																				
	2,804	25,138	160	70	2	---	135.9	1,800	89	A-INF	61.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										

TABLE 3
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Former Exxon Service Station 70104
1725 Park Street
Alameda, California

	Field Measurements										Laboratory Analytical Results			TPHg Removed		Benzene Removed		MTBE Removed		Benzene Emitted
Date	Hour Meter	Total Hours	Hours of Operation	Temp EFF (deg F)	Pressure ("H20)	Vacuum ("Hg)	Vacuum (in H2O)	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)
07/28/06	System running on arrival and departure.																				
	2,973	25,307	169	70	2	—	135.9	1,800	89	A-INF	56.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
08/04/06	System running on arrival and departure.																				
	3,144	25,478	171	70	2	—	135.9	1,800	89	A-INF	96.0	147	1.30	1.71	<24.82	<1,173.92	<0.28	<16.93	<0.23	<2.98	<0.004
										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							
08/11/06	System running on arrival and departure.																				
	3,308	25,642	164	70	2	—	135.9	2,200	108	A-INF	65.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
08/18/06	System running on arrival and departure.																				
	3,483	25,817	175	70	2	—	135.9	2,500	123	A-INF	60.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	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	123	A-INF	56.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	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	123	A-INF	27.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	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	123	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
09/22/06	System down on arrival, locked out/tagged out system for repair.																				
10/06/06	3,734	26,068	77	70	2	—	136.1	2,500	123	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	123	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	—	—	—	—		—										

TABLE 3
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Alameda, California

Date	Hour Meter	Total Hours	Hours of Operation	Temp EFF (deg F)	Pressure ("H20)	Vacuum ("Hg)	Vacuum (in H2O)	Flow (fpm)	Flow (scfm)	Sample ID	PID (ppmv)	Laboratory Analytical Results TPHg (mg/M³)	MTBE (mg/M³)	Benzene (mg/M³)	TPHg Removed Per Period (pounds)	TPHg Removed Cumulative (pounds)	Benzene Removed Per Period (pounds)	Benzene Removed Cumulative (pounds)	MTBE Removed Per Period (pounds)	MTBE Removed Cumulative (pounds)	Benzene Emitted (lbs/day)
							Fleld Measurements														
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	123	A-INF	204.0	<50.0	<0.500	<0.500	<23.40	<1,197.32	<0.26	<17.19	<0.21	<3.20	<0.006
										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	122	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	117	A-INF	72.0	141	2.68	2.86	<14.34	<1,211.65	<0.25	<17.45	<0.24	<3.44	0.012
										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	121	A-INF	10.0	<50.0	<0.500	<0.500	<25.35	<1,237.00	<0.45	<17.89	<0.42	<3.86	<0.005
										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						
12/15/06	System down on arrival and running on departure.																				
	4,784	27,118	107	110	1	—	136.1	2,500	114	A-INF	16.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
12/21/06	System running on arrival and departure.																				
	4,952	27,286	168	100	10	—	136.1	2,500	119	A-INF	46.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										

TABLE 3
OPERATION AND PERFORMANCE DATA FOR AIR SPARGE/SOIL VAPOR EXTRACTION SYSTEM
Former Exxon Service Station 70104
1725 Park Street
Alameda, California

	Field Measurements											Laboratory Analytical Results			TPHg Removed		Benzene Removed		MTBE Removed		Benzene Emitted
Date	Hour Meter	Total Hours	Hours of Operation	Temp EFF (deg F)	Pressure ("H20)	Vacuum ("Hg)	Vacuum (in H2O)	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)
12/27/06	System down on arrival and running on departure.																				
	5,039	27,373	87	120	10	11	149.7	2,250	103	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
01/05/07	System down on arrival and running on departure.																				
	5,137	27,471	98	110	10	10	136.1	2,400	112	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
01/12/07	System running on arrival and departure.																				
	5,297	27,631	160	110	10	11	149.66	2,400	112	A-INF	10.0	<50.0	<0.500	<0.500	<13.50	<1,250.51	<0.14	<18.03	<0.14	<3.99	<0.005
										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							
01/19/07	System down on arrival and running on departure.																				
	5,370	27,704	73	110	10	10	136.1	2,400	112	A-INF	6.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
01/26/07	System running on arrival and departure.																				
	5,528	27,862	158	110	10	8	108.84	2,600	121	A-INF	1.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
02/02/07	System running on arrival and departure.																				
	5,696	28,030	168	90	9	8	108.8	2,400	116	A-INF	3.0	<50.0	<0.500	<0.500	<8.50	<1,259.01	<0.09	<18.11	<0.09	<4.08	<0.005
										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							
02/09/07	System running on arrival and departure.																				
	5,865	28,199	169	90	9	8	108.84	2,400	116	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
02/16/07	System running on arrival and locked out/tagged out on departure.																				
	6,033	28,367	168	110	0	8	108.84	2,400	109	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
02/23/07	System locked out/tagged out on arrival and departure.																				
03/02/07	System locked out/tagged out on arrival and departure.																				
03/09/07	System locked out/tagged out on arrival and departure.																				
04/03/07	System locked out/tagged out on arrival, restarted, and running on departure.																				
	6,033	28,367	0	110	0	8	108.84	2,600	118	A-INF	2.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										

TABLE 3
OPERATION AND PERFORMANCE DATA FOR AIR SPARGE/SOIL VAPOR EXTRACTION SYSTEM
Former Exxon Service Station 70104
1725 Park Street
Alameda, California

	Field Measurements											Laboratory Analytical Results			TPHg Removed		Benzene Removed		MTBE Removed		Benzene Emitted
Date	Hour Meter	Total Hours	Hours of Operation	Temp EFF (deg F)	Pressure ("H20)	Vacuum ("Hg)	Vacuum (in H2O)	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)
04/12/07	System running on arrival and departure.																				
	6,240	28,574	207	90	0	8	108.84	2,600	123	A-INF	2.0	<50.0	<0.500	<0.500	<12.14	<1,271.14	<0.12	<18.23	<0.12	<4.20	<0.006
										A-INT1	0.0	<50.0	0.703	0.888							
										A-INT2	0.0	<50.0	0.646	<0.500							
										A-EFF	0.0	<50.0	<0.500	<0.500							
04/20/07	System running on arrival and departure.																				
	6,430	28,764	190	110	0	8	108.84	2,600	118	A-INF	4.0										
										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	<50.0	<0.500	<0.500	<9.10	<1,280.25	<0.09	<18.32	<0.09	<4.29	<0.005
										A-INT1	0.0	<50.0	0.973	<0.500							
										A-INT2	0.0	<50.0	<0.500	<0.500							
										A-EFF	0.0	<50.0	<0.500	<0.500							
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	b							
										A-INT1	0.0	<50.0	<0.500	<0.500							
										A-INT2	0.0	<50.0	1.17	<0.500							
										A-EFF	0.0	<50.0	<0.500	<0.500							

TABLE 3
OPERATION AND PERFORMANCE DATA FOR AIR SPARGE/SOIL VAPOR EXTRACTION SYSTEM
Former Exxon Service Station 70104
1725 Park Street
Alameda, California

	Field Measurements											Laboratory Analytical Results			TPHg Removed		Benzene Removed		MTBE Removed		Benzene Emitted
Date	Hour Meter	Total Hours	Hours of Operation	Temp EFF (deg F)	Pressure ("H20)	Vacuum ("Hg)	Vacuum (in H2O)	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)
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	<50.0	<0.500	<0.500	<20.56	<1,300.80	<0.21	<18.53	<0.21	<4.50	<0.005
										A-INT1	0.0	<50.0	<0.500	0.753							
										A-INT2	0.0	<50.0	1.81	<0.500							
										A-EFF	0.0	<50.0	<0.500	<0.500							
07/06/07	System down on arrival and running on departure.																				
	7,660	29,994	45	150	0	7	95.24	2,400	102	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
07/11/07	System down on arrival and running on departure.																				
	7,703	30,037	43	110	0	8	108.84	2,600	118	A-INF	1.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	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	1.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	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 departure.																				
	7,952	30,286	94	70	0	6	81.63	3,200	157	A-INF	1.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
07/31/07	System running on arrival and departure.																				
	8,120	30,454	168	70	0	6	81.63	3,400	167	A-INF	1.0	<50.0	<0.500	<0.500	<13.09	<1,313.90	<0.13	<18.66	<0.13	<4.63	0.000
										A-INT1	0.0	<50.0	<0.500	<0.500							
										A-INT2	0.0	<50.0	<0.500	<0.500							
										A-EFF	0.0	b	b	b							
08/09/07	System running on arrival and departure.																				
	8,337	30,671	217	80	0	6	81.63	3,400	164	A-INF	0.0	1,100	27.5	29.7	<77.03	<1,390.92	<2.02	<20.68	<1.88	<6.50	<0.007
										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							
08/15/07	System running on arrival and departure.																				
	8,458	30,792	121	80	0	6	81.63	3,400	164	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										

TABLE 3
OPERATION AND PERFORMANCE DATA FOR AIR SPARGE/SOIL VAPOR EXTRACTION SYSTEM
Former Exxon Service Station 70104
1725 Park Street
Alameda, California

	Field Measurements										Laboratory Analytical Results			TPHg Removed		Benzene Removed		MTBE Removed		Benzene Emitted
Date	Hour Meter	Total Hours	Hours of Operation	Temp EFF (deg F)	Pressure ("H20)	Vacuum ("Hg)	Vacuum (in H2O)	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)
08/23/07	System running on arrival and departure.																				
	8,674	31,008	216	85	0	6	81.63	3,000	143	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	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	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
09/07/07	System running on arrival and departure.																				
	9,002	31,336	222	100	0	6	81.63	3,600	167	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
09/14/07	System running on arrival and departure.																				
	9,170	31,504	168	100	0	6	81.63	3,000	139	A-INF	0.0	<11d	0.097d	0.0046d	<261.88	<1,652.81	7.00	<27.69	6.51	<13.01	0.000
										A-INT1	0.0	<11d	0.26d	0.0099d							
										A-INT2	0.0	<11d	0.25d	0.0055d							
										A-EFF	0.0	<11d	<0.0072d	0.0029d							
09/21/07	System running on arrival and departure.																				
	9,337	31,671	167	100	0	6	81.63	3,000	139	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
09/28/07	System running on arrival and departure.																				
	9,505	31,839	168	100	0	6	81.63	3,000	139	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
10/02/07	System running on arrival and shut down on departure.																				
	9,602	31,936	97	100	0	6	81.63	3,000	139	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
10/05/07	System restarted on arrival and running on departure.																				
	9,602	31,936	0	100	0	6	81.63	3,000	139	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
10/12/07	System running on arrival and departure.																				
	9,770	32,104	168	100	0	6	81.63	3,200	148	A-INF	0.0	<11	0.69c/0.40	0.013	<3.55	<1,656.35	0.00	<27.69	0.13	<13.14	0.000
										A-INT1	0.0	b	b	b							
										A-INT2	0.0	<11	0.36c/0.14	0.009							
										A-EFF	0.0	<11	0.014	0.007							

TABLE 3
OPERATION AND PERFORMANCE DATA FOR AIR SPARGE/SOIL VAPOR EXTRACTION SYSTEM
Former Exxon Service Station 70104
1725 Park Street
Alameda, California

	Field Measurements										Laboratory Analytical Results			TPHg Removed		Benzene Removed		MTBE Removed		Benzene
Date	Hour Meter	Total Hours	Hours of Operation	Temp EFF (deg F)	Pressure ("H20)	Vacuum ("Hg)	Vacuum (in H2O)	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)	Emitted (lbs/day)
10/16/07	System running on arrival and departure.																				
	9,866	32,200	96	100	0	6	81.63	3,200	148	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
10/22/07	System running on arrival and departure.																				
	10,012	32,346	146	100	0	6	81.63	3,200	148	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
11/02/07	System running on arrival and departure.																				
	10,273	32,607	261	100	0	6	81.63	3,200	148	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
11/09/07	System running on arrival and departure.																				
	10,444	32,778	171	100	0	6	81.63	3,200	148	A-INF	0.0	<11	0.36	<0.0016	<4.11	<1,660.47	<0.00	<27.69	0.20	<13.33	<0.000
										A-INT1	0.0	<11	0.20	0.018							
										A-INT2	0.0	<11	0.42	0.014							
										A-EFF	0.0	<11	<0.0072	<0.0016							
11/16/07	System running on arrival and departure.																				
	10,610	32,944	166	100	0	6	81.63	3,200	148	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
11/21/07	System running on arrival and departure.																				
	10,728	33,062	118	100	0	6	81.63	3,000	139	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
11/26/07	System running on arrival and departure.																				
	10,848	33,182	120	100	0	6	81.63	3,000	139	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
12/07/07	System running on arrival and departure.																				
	11,112	33,446	264	90	0	6	81.63	3,000	142	A-INF	0.0	<11	0.12	0.0021	<3.99	<1,664.45	<0.00	<27.69	0.09	<13.42	<0.000
										A-INT1	0.0	<11	0.042	0.0029							
										A-INT2	0.0	<11	0.12	<0.0016							
										A-EFF	0.0	<11	<0.0072	<0.0016							
12/13/07	System down on arrival and departure.																				
	11,235	33,569	123	160	0	6	81.63	2,800	117	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
12/14/07	System shut down.																				
	11,261	33,595	26	160	0																

TABLE 3
OPERATION AND PERFORMANCE DATA FOR AIR SPARGE/SOIL VAPOR EXTRACTION SYSTEM
Former Exxon Service Station 70104
1725 Park Street
Alameda, California

	Field Measurements										Laboratory Analytical Results			TPHg Removed		Benzene Removed		MTBE Removed		Benzene Emitted
Date	Hour Meter	Total Hours	Hours of Operation	Temp EFF (deg F)	Pressure ("H20)	Vacuum ("Hg)	Vacuum (in H2O)	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)
12/19/07	System down on arrival and running on departure.																				
	11,262	33,596	1	160	0	6.5	88.44	2,800	117	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
12/21/07	System running on arrival and departure.																				
	11,303	33,637	41	160	0	6.5	88.44	2,800	117	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
12/27/07	System running on arrival and departure.																				
	11,470	33,804	167	160	0	6.5	88.44	2,800	117	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
01/04/08	System down on arrival and departure.																				
	11,636	33,970	166	160	0																
01/07/08	System down on arrival and running on departure.																				
	11,636	33,970	0	160	0	6	81.63	2,800	117	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
01/18/08	System running on arrival and departure.																				
	11,904	34,238	268	160	0	6	81.63	2,800	117	A-INF	0.0	<11d	<0.0072d	<0.0016d	<4.22	<1,668.67	<0.00	<27.69	<0.02	<13.44	0.000
										A-INT1	0.0	<11d	0.20d	0.015d							
										A-INT2	0.0	<11d	0.31d	<0.0016d							
										A-EFF	0.0	<1d	0.044d	0.0028d							
01/25/08	System down on arrival and running on departure.																				
	12,045	34,379	141	135	0	6	81.63	3,100	135	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
01/27/08	System down on arrival and running on departure.																				
	12,052	34,386	7	145	0	6	81.63	3,000	129	A-INF	---										
										A-INT1	---										
										A-INT2	---										
										A-EFF	---										
01/31/08	System down on arrival and running on departure.																				
	12,140	34,474	88	160	0	7	95.24	2,600	109	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
02/08/08	System running on arrival and departure.																				
	12,261	34,595	121	165	0	7.5	102.04	2,500	104	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										

TABLE 3
OPERATION AND PERFORMANCE DATA FOR AIR SPARGE/SOIL VAPOR EXTRACTION SYSTEM
Former Exxon Service Station 70104
1725 Park Street
Alameda, California

	Field Measurements										Laboratory Analytical Results			TPHg Removed		Benzene Removed		MTBE Removed		Benzene
Date	Hour Meter	Total Hours	Hours of Operation	Temp EFF (deg F)	Pressure ("H20)	Vacuum ("Hg)	Vacuum (in H2O)	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)	Emitted (lbs/day)
02/15/08	System running on arrival and departure.																				
	12,481	34,815	220	150	0	5	68.03	2,800	119	A-INF	0.0	<11d	0.12d	<0.0016d	<2.81	<1,671.48	<0.00	<27.69	<0.02	<13.46	<0.000
										A-INT1	0.0	<11 d	0.078 d	0.0059 d							
										A-INT2	0.0	<11 d	0.22 d	<0.0016 d							
										A-EFF	0.0	<11d	<0.0072 d	<0.0016 d							
02/22/08	System running on arrival and departure.																				
	12,651	34,985	170	150	0	5.5	74.83	2,800	119	A-INF	0.8										
										A-INT1	1.4										
										A-INT2	0.8										
										A-EFF	0.0										
02/26/08	System running on arrival and departure.																				
	12,746	35,080	95	155	0	5.5	74.83	2,800	118	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
03/06/08	System running on arrival and departure.																				
	12,988	35,322	242	160	0	5.5	74.83	2,600	109	A-INF	3.7										
										A-INT1	3.7										
										A-INT2	2.2										
										A-EFF	0.7										
03/14/08	System running on arrival and departure.																				
	13,150	35,484	162	160	0	5.5	74.83	2,600	109	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
03/21/08	System running on arrival and departure.																				
	13,327	35,661	177	162	0	6.0	81.63	3,000	125	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
03/28/08	System running on arrival and departure.																				
	13,491	35,825	164	160	0	5.5	74.83	2,600	109	A-INF	0.0	<11d	0.059d	<0.0016d	<4.74	<1,676.22	<0.00	<27.69	0.04	<13.50	<0.000
										A-INT1	0.0	<11d	0.13d	0.0043d							
										A-INT2	0.0	<11d	0.17d	<0.0016d							
										A-EFF	0.0	<11d	<0.0072d	<0.0016d							
04/05/08	System running on arrival and departure.																				
	13,656	35,990	165	155	0	5.5	74.83	2,600	110	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
04/11/08	System running on arrival and down on departure.																				
	13,825	36,159	169	155	0	5.5	74.83	2,600	110	A-INF	0.0	<11	0.037	0.0030	<1.50	<1,677.72	<0.00	<27.69	0.01	<13.50	<0.000
										A-INT1	0.0	<11	0.11	0.0056							
										A-INT2	0.0	<11	0.14	<0.0016							
										A-EFF	0.0	<11	<0.0072	<0.0016							

TABLE 3
OPERATION AND PERFORMANCE DATA FOR AIR SPARGE/SOIL VAPOR EXTRACTION SYSTEM
Former Exxon Service Station 70104
1725 Park Street
Alameda, California

	Field Measurements											Laboratory Analytical Results			TPHg Removed		Benzene Removed		MTBE Removed		Benzene Emitted
Date	Hour Meter	Total Hours	Hours of Operation	Temp EFF (deg F)	Pressure ("H20)	Vacuum ("Hg)	Vacuum (in H2O)	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)
04/15/08	System down on arrival and running on departure.																				
	13,918	36,252	93	160	0	5.5	74.83	2,600	109	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
04/22/08	System running on arrival and departure.																				
	14,085	36,419	167	160	0	5.5	74.83	2,600	109	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
05/02/08	System running on arrival and departure.																				
	14,326	36,660	241	160	0	5.0	68.03	2,600	109	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
05/06/08	System running on arrival and departure.																				
	14,413	36,747	87	160	0	5.0	68.03	2,600	109	A-INF	0.0	<11	0.21	<0.0016	<2.65	<1,680.37	<0.00	<27.69	0.03	<13.53	<0.000
										A-INT1	0.0	<11	0.066	0.0035							
										A-INT2	0.0	<11	0.093	<0.0016							
										A-EFF	0.0	<11	<0.0072	<0.0016							
05/16/08	System running on arrival and departure.																				
	14,650	36,984	237	160	0	5.0	68.03	2,800	117	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
05/23/08	System running on arrival and departure.																				
	14,819	37,153	169	160	0	5.0	68.03	2,800	117	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
05/28/08	System running on arrival and departure.																				
	14,940	37,274	121	160	0	5.0	68.03	2,800	117	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
06/03/08	System running on arrival and departure.																				
	15,083	37,417	143	150	0	5.0	68.03	2,800	119	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
06/13/08	System running on arrival and departure.																				
	15,323	37,657	240	160	0	5.0	68.03	2,800	117	A-INF	0.0	<11	0.080	<0.0016	<4.23	<1,684.60	<0.00	<27.70	0.06	<13.59	<0.000
										A-INT1	0.0	<11	0.27	0.0094							
										A-INT2	0.0	<11	0.25	<0.0016							
										A-EFF	0.0	<11	<0.0072	<0.0016							

TABLE 3
OPERATION AND PERFORMANCE DATA FOR AIR SPARGE/SOIL VAPOR EXTRACTION SYSTEM
Former Exxon Service Station 70104
1725 Park Street
Alameda, California

	Field Measurements											Laboratory Analytical Results			TPHg Removed		Benzene Removed		MTBE Removed		Benzene Emitted
Date	Hour Meter	Total Hours	Hours of Operation	Temp EFF (deg F)	Pressure ("H20)	Vacuum ("Hg)	Vacuum (in H2O)	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)
06/17/08	System running on arrival and departure.																				
	15,418	37,752	95	100	0	5.0	68.03	2,800	130	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
06/23/08	System running on arrival and departure.																				
	15,565	37,899	147	100	0	5.5	74.83	2,800	130	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
07/03/08	System running on arrival and departure.																				
	15,802	38,136	237	100	0	5.5	74.83	2,800	130	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
07/08/08	System running on arrival and departure.																				
	15,920	38,254	118	120	0	5.5	74.83	2,800	125	A-INF	0.0	<11	0.047	0.0023	<2.98	<1,687.58	<0.00	<27.70	0.02	<13.61	<0.000
										A-INT1	0.0	<11	0.17	0.0061							
										A-INT2	0.0	<11	0.28	<0.0016							
										A-EFF	0.0	<11	0.014	<0.0016							
07/14/08	System Lock out/tag out for LPC carbon changeout.																				
07/15/08	System running on arrival and departure.																				
	16,061	38,395	141	120	0	5.5	74.83	2,800	125	A-INF	0.0	<11	0.16	0.018	<0.73	<1,688.31	0.00	<27.70	0.01	<13.61	<0.000
										A-INT1	0.0	<11	0.024	<0.0016							
										A-INT2	0.0	<11	0.077	<0.0016							
										A-EFF	0.0	<11	<0.0072	<0.0016							
07/21/08	System running on arrival and departure.																				
	16,205	38,539	144	120	0	5.5	74.83	2,800	125	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
07/29/08	System running on arrival and departure.																				
	16,395	38,729	190	120	0	5.5	74.83	2,800	125	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
08/08/08	System running on arrival and departure.																				
	16,632	38,966	237	120	0	5.5	74.83	2,800	125	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
08/15/08	System running on arrival and departure.																				
	16,806	39,140	174	175	0	7.0	95.24	2,000	82	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										

TABLE 3
OPERATION AND PERFORMANCE DATA FOR AIR SPARGE/SOIL VAPOR EXTRACTION SYSTEM
Former Exxon Service Station 70104
1725 Park Street
Alameda, California

	Field Measurements											Laboratory Analytical Results			TPHg Removed		Benzene Removed		MTBE Removed		Benzene
Date	Hour Meter	Total Hours	Hours of Operation	Temp EFF (deg F)	Pressure ("H20)	Vacuum ("Hg)	Vacuum (in H2O)	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)	Emitted (lbs/day)
08/22/08	System running on arrival and departure.																				
	16,971	39,305	165	200	0	7.0	95.24	2,600	102	A-INF	0.0	<11d	0.062d	0.0067d	<4.26	<1,692.57	0.00	<27.70	0.04	<13.66	0.000
										A-INT1	0.0	<11 d	0.099 d	0.018 d							
										A-INT2	0.0	<11 d	0.0075 d	0.0098 d							
										A-EFF	0.0	<11d	0.023d	0.0039d							
08/29/08	System running on arrival and departure.																				
	17,137	39,471	166	100	0	7.0	95.24	2,500	116	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
09/05/08	System running on arrival and departure.																				
	17,307	39,641	170	100	0	7.0	95.24	2,600	121	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
09/12/08	System running on arrival and departure.																				
	17,472	39,806	165	100	0	6.0	81.63	2,600	121	A-INF	0.0	<11	0.029	<0.0030	<2.30	<1,694.87	<0.00	<27.70	0.01	<13.67	<0.000
										A-INT1	0.0	<11	0.011	0.0029							
										A-INT2	0.0	<11	0.13	<0.0016							
										A-EFF	0.0	<11	0.0075	<0.0016							
09/19/08	System down on arrival and running on departure.																				
	17,631	39,965	159	100	0	6.0	81.63	2,800	130	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
09/26/08	System running on arrival and departure.																				
	17,796	40,130	165	100	0	5.0	68.03	2,800	130	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
10/03/08	System running on arrival and departure.																				
	17,964	40,298	168	120	0	5.0	68.03	2,900	130	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
10/10/08	System running on arrival and departure.																				
	18,132	40,466	168	120	0	5.0	68.03	2,900	130	A-INF	0.0	<11	0.29c	<0.0023	<3.40	<1,698.27	<0.00	<27.70	0.05	<13.72	<0.000
										A-INT1	0.0	<11	0.19	0.0044							
										A-INT2	0.0	<11	0.24	<0.0016							
										A-EFF	0.0	<11	<0.0072	<0.0016							
10/17/08	System running on arrival and departure.																				
	18,303	40,637	171	120	0	5.0	68.03	2,900	130	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										

TABLE 3
OPERATION AND PERFORMANCE DATA FOR AIR SPARGE/SOIL VAPOR EXTRACTION SYSTEM
Former Exxon Service Station 70104
1725 Park Street
Alameda, California

	Field Measurements											Laboratory Analytical Results			TPHg Removed		Benzene Removed		MTBE Removed		Benzene Emitted
Date	Hour Meter	Total Hours	Hours of Operation	Temp EFF (deg F)	Pressure ("H20)	Vacuum ("Hg)	Vacuum (in H2O)	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)
10/31/08	System running on arrival and departure.																				
	18,640	40,974	337	150	0	6.0	81.63	2,700	115	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
11/07/08	System running on arrival and departure.																				
	18,804	41,138	164	130	0	6.0	81.63	2,700	119	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
11/15/08	System running on arrival and departure.																				
	18,973	41,307	169	105	0	6.0	81.63	2,800	129	A-INF	1.2										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
11/17/08	System running on arrival and departure.																				
	18,992	41,326	19	105	0	6.0	81.63	2,700	124	A-INF	0.0	<11	0.19	0.0046	<4.49	<1,702.76	<0.00	<27.70	0.10	<13.81	<0.000
										A-INT1	0.0	<11	0.20	0.0023							
										A-INT2	0.0	<11	0.092	<0.0016							
										A-EFF	0.0	13	0.022	<0.0016							
11/25/08	System running on arrival and departure.																				
	19,156	41,490	164	100	0	5.0	68.03	2,800	130	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
12/05/08	System running on arrival and departure.																				
	19,395	41,729	239	100	0	5.0	68.03c	2,800	130	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
12/12/08	System running on arrival and departure.																				
	19,397	41,731	2	100	0	5.0	68.03c	2,700	125	A-INF	0.0	<5.7	0.14	0.0046	<1.58	<1,704.34	0.00	<27.71	0.03	<13.84	<0.000
										A-INT1	0.0	<5.7	0.15	0.0018							
										A-INT2	0.0	<5.7	0.098	<0.0016							
										A-EFF	0.0	<5.7	0.028	<0.0016							
12/16/08	System running on arrival and departure.																				
	19,492	41,826	95	100	0	5.0	68.03	2,800	130	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
12/24/08	System running on arrival and departure.																				
	19,689	42,023	197	110	---	5.0	68.03	2,800	128	A-INF	4.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										

TABLE 3
OPERATION AND PERFORMANCE DATA FOR AIR SPARGE/SOIL VAPOR EXTRACTION SYSTEM
Former Exxon Service Station 70104
1725 Park Street
Alameda, California

	Field Measurements											Laboratory Analytical Results			TPHg Removed		Benzene Removed		MTBE Removed		Benzene Emitted
Date	Hour Meter	Total Hours	Hours of Operation	Temp EFF (deg F)	Pressure ("H20)	Vacuum ("Hg)	Vacuum (in H2O)	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)
01/02/09	System running on arrival and departure.																				
	19,899	42,233	210	110	---	5.0	68.03	2,900	132	A-INF	3.5										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
01/09/09	System running on arrival and departure.																				
	20,067	42,401	168	110	---	5.0	68.03	2,900	132	A-INF	0.0	<5.7	0.13	<0.0016	<1.84	<1,706.17	<0.00	<27.71	0.04	<13.89	<0.000
										A-INT1	0.0	<5.7	0.18	0.0021							
										A-INT2	0.0	<5.7	0.079	<0.0016							
										A-EFF	0.0	<5.7	0.088	<0.0016							
01/16/09	System running on arrival and departure.																				
	20,234	42,568	167	110	---	5.0	68.03	2,900	132	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
01/20/09	System running on arrival and departure.																				
	20,331	42,665	97	110	---	5.0	68.03	2,900	132	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
01/30/09	System running on arrival and departure.																				
	20,572	42,906	241	110	---	5.0	68.03	2,900	132	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
02/06/09	System running on arrival and departure.																				
	20,738	43,072	166	110	---	5.0	68.03	2,400	109	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
02/13/09	System running on arrival and departure.																				
	20,904	43,238	166	110	---	5.0	68.03	2,800	128	A-INF	0.0	<5.7	0.15	0.0050	<2.32	<1,708.49	<0.00	<27.71	0.06	<13.95	<0.000
										A-INT1	0.0	<5.7	0.13	0.0024							
										A-INT2	0.0	<5.7	0.061	<0.0016							
										A-EFF	0.0	<5.7	0.20	<0.0016							
02/20/09	System running on arrival and departure.																				
	21,072	43,406	168	110	---	5.0	68.03	2,800	128	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
02/27/09	System running on arrival and departure.																				
	21,240	43,574	168	110	---	5.0	68.03	3,100	141	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										

TABLE 3
OPERATION AND PERFORMANCE DATA FOR AIR SPARGE/SOIL VAPOR EXTRACTION SYSTEM
Former Exxon Service Station 70104
1725 Park Street
Alameda, California

Date	Field Measurements										Laboratory Analytical Results			TPHg Removed		Benzene Removed		MTBE Removed		Benzene Emitted (lbs/day)
	Hour Meter	Total Hours	Hours of Operation	Temp EFF (deg F)	Pressure ("H20)	Vacuum ("Hg)	Vacuum (in H2O)	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)	
03/06/09	System running on arrival and departure.																			
	21,406	43,740	166	110	---	5.0	68.03	3,100	141	A-INF	0.0									
										A-INT1	0.0									
										A-INT2	0.0									
										A-EFF	0.0									
03/13/09	System running on arrival and departure.																			
	21,574	43,908	168	110	---	5.0	68.03	3,100	141	A-INF	0.0	<5.7	0.078	0.0023	<1.92	<1,710.41	0.00	<27.71	0.04	<13.98	<0.000
										A-INT1	0.0	<5.7	0.27	0.0019							
										A-INT2	0.0	<5.7	0.069	<0.0016							
										A-EFF	0.0	<5.7	0.11	<0.0016							
03/20/09	System running on arrival and departure.																			
	21,740	44,074	166	120	---	5.0	68.03	3,000	134	A-INF	0.0									
										A-INT1	0.0									
										A-INT2	0.0									
										A-EFF	0.0									
03/23/09	System running on arrival and departure.																			
	21,830	44,164	90	125	---	5.0	68.03	3,000	133	A-INF	0.0									
										A-INT1	0.0									
										A-INT2	0.0									
										A-EFF	0.0									
03/31/09	System running on arrival and departure.																			
	22,003	44,337	173	100	---	5.0	68.03	2,600	121	A-INF	0.0									
										A-INT1	0.0									
										A-INT2	0.0									
										A-EFF	0.0									
04/07/09	System running on arrival and departure.																			
	22,175	44,509	172	100	---	5.0	68.03	2,600	121	A-INF	0.0	<5.7	0.26	<0.0016	<1.68	<1,712.09	<0.00	<27.71	0.05	<14.03	<0.000
										A-INT1	0.0	<5.7	0.21	0.0018							
										A-INT2	0.0	<5.7	0.051	<0.0016							
										A-EFF	0.0	<5.7	0.13	<0.0016							
04/17/09	System running on arrival and departure.																			
	22,417	44,751	242	100	---	5.0	68.03	2,600	121	A-INF	0.0									
										A-INT1	0.0									
										A-INT2	0.0									
										A-EFF	0.0									
04/24/09	System running on arrival and departure.																			
	22,578	44,912	161	110	---	5.0	68.03	2,600	118	A-INF	0.0									
										A-INT1	0.0									
										A-INT2	0.0									
										A-EFF	0.0									
05/01/09	System running on arrival and departure.																			
	22,747	45,081	169	100	---	5.0	68.03	2,600	121	A-INF	0.0									
										A-INT1	0.0									
										A-INT2	0.0									
										A-EFF	0.0									

TABLE 3
OPERATION AND PERFORMANCE DATA FOR AIR SPARGE/SOIL VAPOR EXTRACTION SYSTEM
Former Exxon Service Station 70104
1725 Park Street
Alameda, California

	Fleld Measurements										Laboratory Analytical Results			TPHg Removed		Benzene Removed		MTBE Removed		Benzene Emitted
Date	Hour Meter	Total Hours	Hours of Operation	Temp EFF (deg F)	Pressure ("H20)	Vacuum ("Hg)	Vacuum (in H2O)	Flow (fpm)	Flow (scfm)	Sample ID	PID (ppmv)	TPHg (mg/M³)	MTBE (mg/M³)	Benzene (mg/M³)	Per Period (pounds)	Cumulative (pounds)	Per Period (pounds)	Cumulative (pounds)	Per Period (pounds)	Cumulative (pounds)	(lbs/day)
05/08/09	System running on arrival and departure.																				
	22,912	45,246	165	100	---	5.0	68.03	2,600	121	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
05/15/09	System running on arrival and departure.																				
	23,110	45,444	198	100	---	5.0	68.03	2,000	93	A-INF	0.0	<5.7	0.34	<0.0016	<2.13	<1,714.21	<0.00	<27.71	0.11	<14.15	<0.000
										A-INT1	0.0	<5.7	0.44	0.0042							
										A-INT2	0.0	<5.7	0.12	<0.0016							
										A-EFF	0.0	<5.7	0.40	<0.0016							
05/22/09	System down on arrival and running on departure.																				
	23,236	45,570	126	110	---	5.0	68.03	2,800	128	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
05/29/09	System running on arrival and departure.																				
	23,405	45,739	169	120	---	5.0	68.03	2,600	116	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
06/05/09	System down on arrival and running on departure.																				
	23,519	45,853	114	120	---	5.0	68.03	2,600	116	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
06/11/09	System running on arrival and departure.																				
	23,658	45,992	139	110	---	5.0	68.03	2,600	118	A-INF	0.0	<5.7	0.87	0.0022	<1.23	<1,715.45	<0.00	<27.71	0.13	<14.28	<0.000
										A-INT1	0.0	<5.7	0.38	0.0025							
										A-INT2	0.0	<5.7	0.15	<0.0016							
										A-EFF	0.0	<5.7	0.72	<0.0016							
06/12/09	System down on arrival and running on departure.																				
	23,670	46,004	12	110	---	0.0	0	2,600	118	A-INF	---										
										A-INT1	---										
										A-INT2	---										
										A-EFF	---										
06/19/09	System running on arrival and departure.																				
	23,855	46,189	185	120	---	4.5	61.22	2,600	116	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
06/26/09	System running on arrival and departure.																				
	24,001	46,335	146	100	---	5.0	68.03	2,400	111	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										

TABLE 3
OPERATION AND PERFORMANCE DATA FOR AIR SPARGE/SOIL VAPOR EXTRACTION SYSTEM
Former Exxon Service Station 70104
1725 Park Street
Alameda, California

	Field Measurements											Laboratory Analytical Results			TPHg Removed		Benzene Removed		MTBE Removed		Benzene Emitted
Date	Hour Meter	Total Hours	Hours of Operation	Temp EFF (deg F)	Pressure ("H20)	Vacuum ("Hg)	Vacuum (in H2O)	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)
06/29/09	System running on arrival and departure.																				
	24,076	46,410	75	100	---	5.0	68.03	2,400	111	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
07/10/09	System running on arrival and departure.																				
	24,339	46,673	263	100	---	5.0	68.03	2,400	111	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
07/17/09	System running on arrival and departure.																				
	24,509	46,843	170	100	---	5.0	68.03	2,400	111	A-INF	0.0	<5.7	0.034	0.0020	<2.08	<1,717.53	0.00	<27.71	0.17	<14.44	<0.000
										A-INT1	0.0	<5.7	0.27	0.0030							
										A-INT2	0.0	<5.7	0.24	<0.0016							
										A-EFF	0.0	<5.7	0.33	<0.0016							
07/24/09	System running on arrival and departure.																				
	24,675	47,009	166	100	---	5.0	68.03	2,400	111	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
07/31/09	System running on arrival and departure.																				
	24,842	47,176	167	120	---	5.0	68.03	2,400	107	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
08/04/09	System running on arrival and departure.																				
	24,943	47,277	101	100	---	5.0	68.03	2,400	111	A-INF	0.0	<5.7d	0.069d	0.0088d	<1.03	<1,718.56	0.00	<27.71	0.01	<14.45	0.000
										A-INT1	0.0	<5.7d	0.33d	0.0083d							
										A-INT2	0.0	<5.7d	0.31d	0.0046d							
										A-EFF	0.0	<5.7d	0.53d	0.0035d							
08/14/09	System running on arrival and departure.																				
	25,179	47,513	236	100	---	5.0	68.03	2,400	111	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
08/21/09	System running on arrival and departure.																				
	25,347	47,681	168	100	---	5.0	68.03	2,400	111	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
08/28/09	System running on arrival and departure.																				
	25,519	47,853	172	110	---	5.0	68.03	2,400	109	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										

TABLE 3
OPERATION AND PERFORMANCE DATA FOR AIR SPARGE/SOIL VAPOR EXTRACTION SYSTEM
Former Exxon Service Station 70104
1725 Park Street
Alameda, California

	Field Measurements										Laboratory Analytical Results			TPHg Removed		Benzene Removed		MTBE Removed		Benzene Emitted
Date	Hour Meter	Total Hours	Hours of Operation	Temp EFF (deg F)	Pressure ("H20)	Vacuum ("Hg)	Vacuum (in H2O)	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)
09/04/09	System running on arrival and departure.																				
	25,681	48,015	162	110	—	5.0	68.03	2,500	114	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
09/11/09	System running on arrival and departure.																				
	25,849	48,183	168	110	—	5.0	68.03	2,400	109	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
09/14/09	System running on arrival and departure.																				
	25,924	48,258	75	95	—	5.0	68.03	2,600	122	A-INF	0.0	<5.7	0.11	<0.0016	<2.44	<1,721.00	<0.00	<27.71	0.04	<14.49	<0.000
										A-INT1	0.0	<5.7	0.20	0.0024							
										A-INT2	0.0	<5.7	0.35	<0.0016							
										A-EFF	0.0	<5.7	0.33	<0.0016							
09/25/09	System running on arrival and departure.																				
	26,185	48,519	261	100	—	5.0	68.03	2,400	111	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
10/02/09	System running on arrival and departure.																				
	26,352	48,686	167	155	—	5.5	74.83	2,500	106	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
10/10/09	System running on arrival and departure.																				
	26,545	48,879	193	95	—	5.0	68.03	2,600	122	A-INF	---										
										A-INT1	---										
										A-INT2	---										
										A-EFF	---										
10/15/09	System running on arrival and down on departure for carbon changeout.																				
	26,665	48,999	120	105	—	5.0	68.03	2,600	120	A-INF	1.0	<5.7	<0.0072	0.0046	<1.90	<1,722.90	<0.00	<27.72	<0.02	<14.51	<0.000
										A-INT1	0.0	<5.7	0.42	0.0050							
										A-INT2	0.0	<5.7	0.54	<0.0016							
										A-EFF	0.0	<5.7	0.24	<0.0016							
10/19/09	System down on arrival for carbon changeout and running on departure.																				
	26,666	49,000	1	95	—	5.0	68.03	2,750	129	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
10/30/09	System running on arrival and departure.																				
	26,928	49,262	262	155	—	5.4	73.47	2,300	97	A-INF	1.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										

TABLE 3
OPERATION AND PERFORMANCE DATA FOR AIR SPARGE/SOIL VAPOR EXTRACTION SYSTEM
Former Exxon Service Station 70104
1725 Park Street
Alameda, California

	Field Measurements											Laboratory Analytical Results			TPHg Removed		Benzene Removed		MTBE Removed		Benzene Emitted
Date	Hour Meter	Total Hours	Hours of Operation	Temp EFF (deg F)	Pressure ("H20)	Vacuum ("Hg)	Vacuum (in H2O)	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)
11/06/09	System running on arrival and departure.																				
	27,098	49,432	170	145	---	5.5	74.83	2,600	112	A-INF	0.0	<5.7	<0.0072	<0.0016	<1.07	<1,723.97	<0.00	<27.72	<0.00	<14.51	<0.000
										A-INT1	0.0	<5.7	0.39	0.0065							
										A-INT2	0.0	<5.7	0.59	0.0036							
										A-EFF	0.0	<5.7	0.27	<0.0016							
11/13/09	System running on arrival and departure.																				
	27,264	49,598	166	145	---	5.5	74.83	2,400	103	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
11/20/09	System running on arrival and departure.																				
	27,436	49,770	172	100	---	5.0	68.03	2,400	111	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
11/25/09	System running on arrival and departure.																				
	27,552	49,886	116	100	---	5.0	68.03	2,400	111	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
12/04/09	System down on arrival and running on departure.																				
	27,726	50,060	174	100	---	5.0	68.03	2,400	111	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
12/11/09	System down on arrival and running on departure.																				
	27,816	50,150	90	100	---	5.0	68.03	2,400	111	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
12/18/09	System running on arrival and departure.																				
	27,975	50,309	159	110	---	5.0	68.03	2,500	114	A-INF	---	<5.7	<0.0072	0.0023	<2.11	<1,726.08	<0.00	<27.72	<0.00	<14.51	<0.000
										A-INT1	---	<5.7	0.069	<0.0016							
										A-INT2	---	<5.7	0.24	<0.0016							
										A-EFF	---	<5.7	0.30	<0.0016							
12/23/09	System running on arrival and departure.																				
	28,096	50,430	121	110	---	5.0	68.03	2,500	114	A-INF	0.0	<5.7	<0.0072	0.0022	<0.29	<1,726.37	0.00	<27.72	<0.00	<14.51	<0.000
										A-INT1	0.0	<5.7	0.026	<0.0016							
										A-INT2	0.0	<5.7	0.098	<0.0016							
										A-EFF	0.0	<5.7	0.067	<0.0016							
12/31/09	System running on arrival and departure.																				
	28,291	50,625	195	105	---	5.0	68.03	2,600	120	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										

TABLE 3
OPERATION AND PERFORMANCE DATA FOR AIR SPARGE/SOIL VAPOR EXTRACTION SYSTEM
Former Exxon Service Station 70104
1725 Park Street
Alameda, California

	Field Measurements										Laboratory Analytical Results			TPHg Removed		Benzene Removed		MTBE Removed		Benzene Emitted
Date	Hour Meter	Total Hours	Hours of Operation	Temp EFF (deg F)	Pressure ("H20)	Vacuum ("Hg)	Vacuum (in H2O)	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)
01/08/10	System running on arrival and departure.																				
	28,480	50,814	189	90	---	5.0	68.03	2,500	118	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
01/15/10	System running on arrival and departure.																				
	28,648	50,982	168	90	---	5.0	68.03	2,600	123	A-INF	0.0	<5.7d	0.34d	<0.0016d	<1.39	<1,727.76	<0.00	<27.72	<0.04	<14.56	<0.000
										A-INT1	0.0	<5.7d	0.032d	<0.0016d							
										A-INT2	0.0	<5.7d	0.22d	<0.0016d							
										A-EFF	0.0	<5.7d	0.24d	<0.0016d							
01/22/10	System running on arrival and departure.																				
	28,818	51,152	170	90	---	5.0	68.03	2,400	113	A-INF	0.0	<5.7	0.21	<0.0016	<0.43	<1,728.19	<0.00	<27.72	0.02	<14.58	<0.000
										A-INT1	0.0	<5.7	0.019	<0.0016							
										A-INT2	0.0	<5.7	0.20	<0.0016							
										A-EFF	0.0	<5.7	0.20	<0.0016							
01/29/10	System running on arrival and departure.																				
	28,993	51,327	175	90	---	5.0	68.03	2,400	113	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
02/05/10	System running on arrival and departure.																				
	29,153	51,487	160	90	---	5.0	68.03	2,600	123	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
02/12/10	System running on arrival and departure.																				
	29,322	51,656	169	90	---	5.0	68.03	2,600	123	A-INF	0.0	<5.7	0.18	<0.0016	<1.27	<1,729.46	<0.00	<27.72	0.04	<14.62	<0.000
										A-INT1	0.0	<5.7	0.053	<0.0016							
										A-INT2	0.0	<5.7	0.20	<0.0016							
										A-EFF	0.0	<5.7	0.20	<0.0016							
02/19/10	System running on arrival and departure.																				
	29,487	51,821	165	90	---	5.0	68.03	2,500	118	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
02/26/10	System running on arrival and departure.																				
	29,655	51,989	168	100	---	5.0	68.03	2,500	116	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
03/06/10	System running on arrival and departure.																				
	29,807	52,141	152	100	---	5.0	68.03	2,500	116	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										

TABLE 3
OPERATION AND PERFORMANCE DATA FOR AIR SPARGE/SOIL VAPOR EXTRACTION SYSTEM
Former Exxon Service Station 70104
1725 Park Street
Alameda, California

	Field Measurements										Laboratory Analytical Results			TPHg Removed		Benzene Removed		MTBE Removed		Benzene Emitted
Date	Hour Meter	Total Hours	Hours of Operation	Temp EFF (deg F)	Pressure ("H20)	Vacuum ("Hg)	Vacuum (in H2O)	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)
03/09/10	System down on arrival and running on departure.																				
	29,813	52,147	6	—	---	5.0	68.03	---	---	A-INF	---										
										A-INT1	---										
										A-INT2	---										
										A-EFF	---										
03/10/10	System running on arrival and departure.																				
	29,844	52,178	31	—	---	5.0	68.03	---	---	A-INF	---										
										A-INT1	---										
										A-INT2	---										
										A-EFF	---										
03/19/10	System running on arrival and departure.																				
	30,052	52,386	208	---	---	5.0	68.03	2,500	---	A-INF	0.0	<5.7	0.017	0.0034	<1.86	<1,731.32	<0.00	<27.72	0.03	<14.65	<0.000
										A-INT1	0.0	<5.7	0.29	0.0051							
										A-INT2	0.0	<5.7	0.26	<0.0016							
										A-EFF	0.0	<5.7	0.15	<0.0016							
03/26/10	System running on arrival and departure.																				
	30,221	52,555	169	100	---	5.0	68.03	2,500	116	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
04/02/10	System running on arrival and departure.																				
	30,387	52,721	166	80	---	5.0	68.03	2,500	120	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
04/07/10	System running on arrival and down on departure.																				
	30,506	52,840	119	80	---	5.0	68.03	2,500	120	A-INF	---										
										A-INT1	---										
										A-INT2	---										
										A-EFF	---										
04/16/10	System down on arrival and running on departure.																				
	30,506	52,840	0	80	---	5.0	68.03	2,600	125	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
04/23/10	System running on arrival and departure.																				
	30,672	53,006	166	80	---	5.0	68.03	2,400	115	A-INF	0.0	<5.7	0.16	0.0059	<1.53	<1,732.85	0.00	<27.72	0.02	<14.68	<0.000
										A-INT1	0.0	<5.7	<0.0072	<0.0016							
										A-INT2	0.0	<5.7	<0.0072	<0.0016							
										A-EFF	0.0	<5.7	<0.0072	<0.0016							
04/30/10	System down on arrival and departure.																				
	30,814	53,148	142	—	---	---	---	---	---	A-INF	---										
										A-INT1	---										
										A-INT2	---										
										A-EFF	---										

TABLE 3
OPERATION AND PERFORMANCE DATA FOR AIR SPARGE/SOIL VAPOR EXTRACTION SYSTEM
Former Exxon Service Station 70104
1725 Park Street
Alameda, California

	Field Measurements										Laboratory Analytical Results			TPHg Removed		Benzene Removed		MTBE Removed		Benzene Emitted
Date	Hour Meter	Total Hours	Hours of Operation	Temp EFF (deg F)	Pressure ("H20)	Vacuum ("Hg)	Vacuum (in H2O)	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)
05/05/10	System down on arrival and running on departure.																				
	30,814	53,148	0	—	—	---	---	---	---	A-INF	---										
										A-INT1	---										
										A-INT2	---										
										A-EFF	---										
05/07/10	System running on arrival and departure.																				
	30,859	53,193	45	80	—	5.0	68.03	2,400	115	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
05/14/10	System running on arrival and departure.																				
	31,027	53,361	168	90	—	5.0	68.03	2,400	113	A-INF	0.0	<5.7	0.12	<0.0016	<0.87	<1,733.71	<0.00	<27.72	0.02	<14.70	<0.000
										A-INT1	0.0	<5.7	<0.0072	<0.0016							
										A-INT2	0.0	<5.7	<0.0072	<0.0016							
										A-EFF	0.0	<5.7	<0.0072	<0.0016							
05/21/10	System running on arrival and departure.																				
	31,196	53,530	169	90	—	5.0	68.03	2,400	113	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
05/28/10	System running on arrival and departure.																				
	31,361	53,695	165	80	—	5.0	68.03	2,000	96	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
06/04/10	System running on arrival and departure.																				
	31,531	53,865	170	90	—	5.0	68.03	2,500	118	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
06/09/10	System running on arrival and departure.																				
	31,648	53,982	117	90	—	5.0	68.03	2,500	118	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
06/18/10	System running on arrival and departure.																				
	31,866	54,200	218	90	—	5.0	68.03	2,500	118	A-INF	0.0	<5.7	0.026	<0.0016	<2.07	<1,735.78	<0.00	<27.72	0.03	<14.72	<0.000
										A-INT1	0.0	<5.7	<0.0072	<0.0016							
										A-INT2	0.0	<5.7	0.0085	<0.0016							
										A-EFF	0.0	<5.7	<0.0072	<0.0016							
06/23/10	System running on arrival and departure.																				
	31,985	54,319	119	90	—	5.0	68.03	2,500	118	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										

TABLE 3
OPERATION AND PERFORMANCE DATA FOR AIR SPARGE/SOIL VAPOR EXTRACTION SYSTEM
Former Exxon Service Station 70104
1725 Park Street
Alameda, California

	Field Measurements											Laboratory Analytical Results			TPHg Removed		Benzene Removed		MTBE Removed		Benzene Emitted
Date	Hour Meter	Total Hours	Hours of Operation	Temp EFF (deg F)	Pressure ("H20)	Vacuum ("Hg)	Vacuum (in H2O)	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)
06/30/10	System running on arrival and departure.																				
	32,153	54,487	168	90	---	5.0	68.03	2,400	113	A-INF	0.0										
										A-INT1	0.0										
										A-INT2	0.0										
										A-EFF	0.0										
07/07/10	System running on arrival and departure.																				
	32,321	54,655	168	90	---	5.0	68.03	2,400	113	V-INF-VC0	0.0										
										V-OUT-VC1	0.0										
										V-OUT-VC2	0.0										
										V-DSCHG	0.0										
07/14/10	System running on arrival and departure.																				
	32,491	54,825	170	100	---	5.0	68.03	2,200	102	V-INF-VC0	0.0	<5.7	0.013	0.0022	<1.47	<1,737.25	<0.00	<27.72	0.01	<14.73	<0.000
										V-OUT-VC1	0.0	<5.7	<0.0072	<0.0016							
										V-OUT-VC2	0.0	<5.7	<0.0072	<0.0016							
										V-DSCHG	0.0	<5.7	<0.0072	<0.0016							
07/22/10	System running on arrival and departure.																				
	32,683	55,017	192	100	---	5.0	68.03	2,400	111	V-INF-VC0	0.0										
										V-OUT-VC1	0.0										
										V-OUT-VC2	0.0										
										V-DSCHG	0.0										
07/29/10	System running on arrival and departure.																				
	32,853	55,187	170	100	---	5.0	68.03	2,400	111	V-INF-VC0	0.0										
										V-OUT-VC1	0.0										
										V-OUT-VC2	0.0										
										V-DSCHG	0.0										
08/03/10	System running on arrival and departure.																				
	32,920	55,254	67	100	---	5.0	68.03	2,400	111	V-INF-VC0	0.0										
										V-OUT-VC1	0.0										
										V-OUT-VC2	0.0										
										V-DSCHG	0.0										
08/11/10	System running on arrival and departure.																				
	33,162	55,496	242	100	---	5.0	68.03	2,400	111	V-INF-VC0	0.0	<5.7	0.0097	<0.0016	<1.53	<1,738.77	<0.00	<27.72	0.00	<14.73	<0.000
										V-OUT-VC1	0.0	<5.7	<0.0072	<0.0016							
										V-OUT-VC2	0.0	<5.7	<0.0072	<0.0016							
										V-DSCHG	0.0	<5.7	<0.0072	<0.0016							
08/17/10	System running on arrival and departure.																				
	33,305	55,639	143	90	---	5.0	68.03	2,400	113	V-INF-VC0	0.0										
										V-OUT-VC1	0.0										
										V-OUT-VC2	0.0										
										V-DSCHG	0.0										
08/24/10	System running on arrival and departure.																				
	33,475	55,809	170	90	---	5.0	68.03	2,200	104	V-INF-VC0	0.0										
										V-OUT-VC1	0.0										
										V-OUT-VC2	0.0										
										V-DSCHG	0.0										

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Former Exxon Service Station 70104
1725 Park Street
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	Field Measurements										Laboratory Analytical Results			TPHg Removed		Benzene Removed		MTBE Removed		Benzene Emitted
Date	Hour Meter	Total Hours	Hours of Operation	Temp EFF (deg F)	Pressure ("H20)	Vacuum ("Hg)	Vacuum (in H2O)	Flow (fpm)	Flow (scfm)	Sample ID	PID (ppmv)	TPHg (mg/M³)	MTBE (mg/M³)	Benzene (mg/M³)	Per Period (pounds)	Cumulative (pounds)	Per Period (pounds)	Cumulative (pounds)	Per Period (pounds)	Cumulative (pounds)	(lbs/day)
09/01/10	System running on arrival and departure.																				
	33,664	55,998	189	90	---	5.0	68.03	2,200	104	V-INF-VC0	0.0										
										V-OUT-VC1	0.0										
										V-OUT-VC2	0.0										
										V-DSCHG	0.0										
09/09/10	System down on arrival and running on departure.																				
	33,860	56,194	196	90	—	5.0	68.03	2,000	94	V-INF-VC0	0.0	<5.7	0.031	<0.0016	<1.53	<1,740.30	<0.00	<27.72	0.01	<14.74	<0.000
										V-OUT-VC1	0.0	<5.7	<0.0072	<0.0016							
										V-OUT-VC2	0.0	<5.7	<0.0072	<0.0016							
										V-DSCHG	0.0	<5.7	<0.0072	<0.0016							
09/14/10	System running on arrival and departure.																				
	33,976	56,310	116	90	---	6.0	81.63	2,000	94	V-INF-VC0	0.0										
										V-OUT-VC1	0.0										
										V-OUT-VC2	0.0										
										V-DSCHG	0.0										
09/17/10	System running on arrival and departure.																				
	34,048	56,382	72	—	---	---	---	---	---	V-INF-VC0	—										
										V-OUT-VC1	—										
										V-OUT-VC2	—										
										V-DSCHG	—										
09/24/10	System running on arrival and departure.																				
	34,218	56,552	170	---	---	6.0	81.63	2,000	---	V-INF-VC0	0.0										
										V-OUT-VC1	0.0										
										V-OUT-VC2	0.0										
										V-DSCHG	0.0										
10/01/10	System running on arrival and departure.																				
	34,384	56,718	166	90	---	6.0	81.63	2,200	104	V-INF-VC0	0.0										
										V-OUT-VC1	0.0										
										V-OUT-VC2	0.0										
										V-DSCHG	0.0										
10/05/10	System running on arrival and departure.																				
	34,483	56,817	99	91	---	6.0	81.63	2,100	99	V-INF-VC0	0.0										
										V-OUT-VC1	0.0										
										V-OUT-VC2	0.0										
										V-DSCHG	0.0										
10/15/10	System running on arrival and departure.																				
	34,725	57,059	242	90	---	6.0	81.63	1,900	90	V-INF-VC0	0.0										
										V-OUT-VC1	0.0										
										V-OUT-VC2	0.0										
										V-DSCHG	0.0										
10/25/10	System running on arrival and departure.																				
	34,961	57,295	236	90	---	6.0	81.63	2,000	94	V-INF-VC0	0.0	<7.0	0.057	<0.0016	<2.47	<1,742.77	<0.00	<27.72	0.02	<14.75	<0.000
										V-OUT-VC1	0.0	<7.0	<0.0072	<0.0016							
										V-OUT-VC2	0.0	<7.0	<0.0072	<0.0016							
										V-DSCHG	0.0	<7.0	<0.0072	<0.0016							

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1725 Park Street
Alameda, California

Date	Hour Meter	Total Hours	Hours of Operation	Temp EFF (deg F)	Pressure ("H20)	Vacuum ("Hg)	Vacuum (in H2O)	Flow (fpm)	Flow (scfm)	Sample ID	PID (ppmv)	Laboratory Analytical Results TPHg (mg/M³)	MTBE (mg/M³)	Benzene (mg/M³)	TPHg Removed Per Period (pounds)	TPHg Removed Cumulative (pounds)	Benzene Removed Per Period (pounds)	Benzene Removed Cumulative (pounds)	MTBE Removed Per Period (pounds)	MTBE Removed Cumulative (pounds)	Benzene Emitted (lbs/day)
11/04/10	System running on arrival and departure.																				
	35,202	57,536	241	90	—	6.0	81.63	2,000	94	V-INF-VC0	0.0										
										V-OUT-VC1	0.0										
										V-OUT-VC2	0.0										
										V-DSCHG	0.0										
11/16/10	System running on arrival and departure.																				
	35,488	57,822	286	90	—	6.0	81.63	2,200	104	V-INF-VC0	0.0	<7.0	0.013	<0.0016	<1.37	<1,744.14	<0.00	<27.72	0.01	<14.76	<0.000
										V-OUT-VC1	0.0	<7.0	<0.0072	<0.0016							
										V-OUT-VC2	0.0	<7.0	<0.0072	<0.0016							
										V-DSCHG	0.0	<7.0	<0.0072	<0.0016							
11/30/10	System running on arrival and departure.																				
	35,825	58,159	337	90	—	6.0	81.63	2,200	104	V-INF-VC0	0.0										
										V-OUT-VC1	0.0										
										V-OUT-VC2	0.0										
										V-DSCHG	0.0										
12/14/10	System running on arrival and departure.																				
	36,162	58,496	337	—	—	6.0	81.63	2,200	108	V-INF-VC0	0.0	<7.0	0.0093	<0.0016	<1.87	<1,746.01	<0.00	<27.72	0.00	<14.76	<0.000
										V-OUT-VC1	0.0	<7.0	<0.0072	<0.0016							
										V-OUT-VC2	0.0	<7.0	<0.0072	<0.0016							
										V-DSCHG	0.0	<7.0	<0.0072	<0.0016							
12/28/10	System running on arrival and shut down on departure.																				
	36,499	58,833	337	—	—	6.0	81.63	2,200	108	V-INF-VC0	0.0	<7.0	<0.0072	<0.0016	<0.95	<1,746.96	<0.00	<27.72	<0.00	<14.76	<0.000
										V-OUT-VC1	0.0	<7.0	<0.0072	<0.0016							
										V-OUT-VC2	0.0	<7.0	<0.0072	<0.0016							
										V-DSCHG	0.0	<7.0	<0.0072	<0.0016							

TABLE 3
OPERATION AND PERFORMANCE DATA FOR AIR SPARGE/SOIL VAPOR EXTRACTION SYSTEM
Former Exxon Service Station 70104
1725 Park Street
Alameda, California

Notes:		Removal rated are calculated using SOP-25: "Hydrocarbons removed from a Vadose Well" Data prior to April 1, 2000, provided by Delta Environmental Consultants, Inc.
A-INF/V-INF-VC0	=	Influent vapor sample collected prior to biofilters.
A-INT1/V-OUT-VC1	=	Vapor sample collected after 1st carbon vessel.
A-INT2/V-OUT-VC2	=	Vapor sample collected after 2nd carbon vessel.
A-EFF/V-DSCHG	=	Vapor sample collected from effluent sample port.
TPHg	=	Total petroleum hydrocarbons as gasoline using EPA Method T0-3M; 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 H20	=	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/M^3	=	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	=	Sample analyzed past recommended holding time.

TABLE 4
OPERATION AND PERFORMANCE DATA FOR GROUNDWATER PUMP AND TREAT SYSTEM
Former Exxon Service Station 70104
1725 Park Street
Alameda, California

Date	Total Flow (gallons)	Average Flow Rate (gpm)	Sample ID	Laboratory Analytical Results						TPHg Removed		Benzene Removed		MTBE Removed	
				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	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	---						
12/02/94	1,392,010	0.8	W-INF	65	1.9	0.9	<0.5	2.4	---	<0.029	<0.0	<0.0006	<0.001	---	---
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	---						
01/13/95	1,415,980	0.4	W-INF	1,000	<0.5	<0.5	<0.5	<0.5	---	0.106	<0.1	<0.0002	<0.001	---	---
			W-INT1	<50	<0.5	<0.5	<0.5	<0.5	---						
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	---						
02/23/95	1,494,030	1.3	W-INF	57	<0.5	<0.5	<0.5	2.7	---	0.344	<0.5	<0.0003	<0.001	---	---
			W-INT1	<50	<0.5	<0.5	<0.5	<0.5	---						
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	---						
03/14/95	---	---	W-INF	<50	<0.5	<0.5	<0.5	<0.5	---	---	---	---	---	---	---
			W-INT1	<50	<0.5	<0.5	<0.5	<0.5	---						
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	---						
04/14/95	1,513,240	0.3	W-INF	<50	<0.5	<0.5	<0.5	<0.5	---	<0.009	<0.5	<0.0001	<0.001	---	---
			W-INT1	<50	<0.5	<0.5	<0.5	<0.5	---						
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	---						
05/18/95	1,714,850	4.1	W-INF	---	---	---	---	---	---	---	---	---	---	---	—
06/30/95	1,847,330	2.1	W-INF	1,700	480	23	66	180	---	<2.439	<2.9	0.6685	<0.670	---	---
			W-INT1	<50	<0.5	<0.5	<0.5	<0.5	---						
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	---						
07/12/95	1,908,730	3.6	W-INF	290	68	<2.0	2.4	5.6	---	0.510	<3.4	0.1404	<0.810	---	---
			W-INT1	<50	<0.5	<0.5	<0.5	<0.5	---						
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	---						
08/09/95	2,027,830	3.0	W-INF	6,600	1,700	260	370	550	---	3.423	<6.9	0.8784	<1.689	---	---
			W-INT1	<50	<0.5	<0.5	<0.5	<0.5	---						
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	---						
09/06/95	2,158,260	3.2	W-INF	120	17	0.84	1.0	3.0	---	3.656	<10.5	0.9342	<2.623	---	---
			W-INT1	<50	<0.5	<0.5	<0.5	<0.5	---						
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	---						
10/11/95	2,215,310	1.1	W-INF	160	22	0.97	1.2	4.0	---	0.067	<10.6	0.0093	<2.632	---	---
			W-INT1	<50	<0.5	<0.5	<0.5	<0.5	---						
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	---						
11/16/95	2,384,880	3.3	W-INF	120	4.9	<0.5	<0.5	5.9	---	0.198	<10.8	0.0190	<2.651	---	---
			W-INT1	<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	---	0.162	<10.9	0.0145	<2.666	---	---
			W-INT1	<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	---	0.183	<11.1	0.0191	<2.685	---	---
			W-INT1	<50	<0.5	<0.5	<0.5	<0.5	---						
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	---						

TABLE 4
OPERATION AND PERFORMANCE DATA FOR GROUNDWATER PUMP AND TREAT SYSTEM
Former Exxon Service Station 70104
1725 Park Street
Alameda, California

Date	Total Flow (gallons)	Average Flow Rate (gpm)	Sample ID	Laboratory Analytical Results						TPHg Removed		Benzene Removed		MTBE Removed	
				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)
02/14/96	2,680,160	2.8	W-INF	470	43	5.5	<0.5	55	---	0.484	<11.6	0.0470	<2.732	---	---
			W-INT1	<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	---	0.399	<12.0	0.0377	<2.769	---	---
			W-INT1	<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	---	0.939	<12.9	0.1198	<2.889	---	---
			W-INT1	<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	1.5	W-INF	430	66	2.7	5	32	---	0.222	<13.2	0.0339	<2.923	---	---
			W-INT1	<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	---	1.926	<15.1	0.3100	<3.233	---	---
			W-INT1	<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	---	1.734	<16.8	0.2685	<3.502	---	---
			W-INT1	<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	---	0.592	<17.4	0.0576	<3.559	---	---
			W-INT1	<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-INT1	<50	<0.5	<0.5	<0.5	<0.5	---						
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	---						
10/02/96	3,530,230	2.1	W-INF	980	130	39	7.8	130	---	1.075	<18.5	0.1233	<3.683	---	---
			W-INT1	<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	---	0.774	<19.3	0.0912	<3.774	---	---
			W-INT1	<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	---	<0.173	<19.4	<0.0139	<3.788	---	---
			W-INT1	<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	---	0.000	<19.4	0.0000	<3.788	---	---
			W-INT1	<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	---		<19.4		<3.788	---	---
			W-INT1	<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	---	0.426	<19.9	<0.0453	<3.833	---	---
			W-INT1	<50	<0.5	<0.5	<0.5	<0.5	---						
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	---						

TABLE 4
OPERATION AND PERFORMANCE DATA FOR GROUNDWATER PUMP AND TREAT SYSTEM
Former Exxon Service Station 70104
1725 Park Street
Alameda, California

Date	Total Flow (gallons)	Average Flow Rate (gpm)	Sample ID	Laboratory Analytical Results						TPHg Removed		Benzene Removed		MTBE Removed	
				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)
04/03/97	3,918,650	3.7	W-INF	690	31	6.1	<5.0	89	---	0.244	<20.1	0.0099	<3.843	---	---
			W-INT1	<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	---	1.227	<21.3	0.0639	<3.907	---	---
			W-INT1	<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	---	0.340	<21.7	0.0266	<3.933	---	---
			W-INT1	<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	6.4												---	---
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	---						
07/24/97	4,363,090	2.2	W-INF	470	25	8.8	3.7	49	---	0.948	<22.6	0.0829	<4.016	---	---
			W-INT1	<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	---	0.203	<22.8	0.0137	<4.030	---	---
			W-INT1	<50	0.76	<0.5	<0.5	<0.5	---						
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	---						
10/21/97	4,496,810	0.8	W-INF	250	16	5.4	2.3	29	---	0.318	<23.2	0.0237	<4.054	---	---
			W-INT1	<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	---	0.178	<23.3	0.0089	<4.063	---	---
			W-INT1	<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	---	0.087	<23.4	0.0035	<4.066	---	---
			W-INT1	<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	---	0.025	<23.4	0.0006	<4.067	---	---
			W-INT1	<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	---	<0.021	<23.5	0.0005	<4.067	---	---
			W-INT1	<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	---	0.193	<23.7	0.0287	<4.096	---	---
			W-INT1	<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	---	0.732	<24.4	0.1081	<4.204	---	---
			W-INT1	<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	---	0.458	<24.8	0.0685	<4.272	---	---
			W-INT1	<50	<0.5	<0.5	<0.5	<0.5	---						
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	---						

TABLE 4
OPERATION AND PERFORMANCE DATA FOR GROUNDWATER PUMP AND TREAT SYSTEM
Former Exxon Service Station 70104
1725 Park Street
Alameda, California

Date	Total Flow (gallons)	Average Flow Rate (gpm)	Sample ID	Laboratory Analytical Results						TPHg Removed		Benzene Removed		MTBE Removed	
				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)
07/07/98	4,951,910	2.6	W-INF	690	91	13	6.3	55	---	0.567	<25.4	0.0838	<4.356	---	---
			W-INT1	<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	---	0.338	<25.7	0.0467	<4.403	---	---
			W-INT1	<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	1.0	W-INF	280	13	2.0	6.4	21	---	0.087	<25.8	0.0084	<4.411	---	---
			W-INT1	<50	<0.5	<0.5	<0.5	<0.5	---						
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	---						
10/20/98	---	---	W-INF	740	43	54	25	110	---	---	---	---	---	---	---
			W-INT1	<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	---	0.367	<26.2	0.0316	<4.443	---	---
			W-INT1	<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	---	0.216	<26.4	0.0257	<4.469	---	---
			W-INT1	<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	---	0.677	<27.1	0.0927	<4.561	---	---
			W-INT1	<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	---	0.344	<27.4	0.0496	<4.611	---	---
			W-INT1	<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	---	0.297	<27.7	0.0331	<4.644	---	---
			W-INT1	<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	---	<0.341	<28.1	0.0324	<4.676	---	---
			W-INT1	<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	---	0.168	<28.2	0.0169	<4.693	---	---
			W-INT1	<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	---	<0.198	<28.4	0.0247	<4.718	---	---
			W-INT1	<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	---	<0.144	<28.6	0.0131	<4.731	---	---
			W-INT1	<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	---	<0.111	<28.7	0.0045	<4.735	---	---
			W-INT1	<250	<2.5	<2.5	<2.5	<2.5	---						
			W-EFF	<250	<2.5	<2.5	<2.5	<2.5	---						

TABLE 4
OPERATION AND PERFORMANCE DATA FOR GROUNDWATER PUMP AND TREAT SYSTEM
Former Exxon Service Station 70104
1725 Park Street
Alameda, California

Date	Total Flow (gallons)	Average Flow Rate (gpm)	Sample ID	Laboratory Analytical Results						TPHg Removed		Benzene Removed		MTBE Removed	
				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)
09/07/99	5,880,860	0.8	W-INF	<500	20.4	<5.0	<5.0	31.1	---	<0.132	<28.8	0.0049	<4.740	---	---
			W-INT1	<50	<0.5	<0.5	<0.5	<0.5	---						
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	---						
10/12/99	5,966,690	1.7	W-INF	100	2	<1.0	<1.0	<1.0	---	0.215	<29.0	0.0080	<4.748	---	---
			W-INT1	<50	<1.0	<1.0	<1.0	<1.0	---						
			W-EFF	<50	<1.0	<1.0	<1.0	<1.0	---						
11/18/99	5,971,540	0.1	W-INF	660	66	7.8	5.6	57	---	0.015	<29.1	0.0014	<4.750	---	---
			W-INT1	<50	<1.0	<1.0	<1.0	<1.0	---						
			W-EFF	<50	<1.0	<1.0	<1.0	<1.0	---						
12/09/99	5,992,780	0.7	W-INF	200	28	3.2	2.2	22.4	---	0.076	<29.1	0.0083	<4.758	---	---
			W-INT1	<50	<1.0	<1.0	<1.0	<1.0	---						
			W-INT2	<50	<1.0	<1.0	<1.0	<1.0	---						
			W-EFF	<50	<1.0	<1.0	<1.0	<1.0	---						
01/10/00	6,035,690	0.9	W-INF	120	11	1.5	1.8	14.5	---	0.057	<29.2	0.0070	<4.765	---	---
			W-INT1	<50	<1.0	<1.0	<1.0	<1.0	---						
			W-EFF	<50	<1.0	<1.0	<1.0	<1.0	---						
02/08/00	6,055,000	0.5	W-INF	130	14	<1.0	<1.0	11.9	---	0.020	<29.2	0.0020	<4.767	---	---
			W-INT2	<50	<1.0	<1.0	<1.0	<1.0	---						
			W-EFF	<50	<1.0	<1.0	<1.0	<1.0	---						
03/24/00	System shut down pending evaluation.														
	6,080,125	0.4													
03/28/00	System shut down upon departure.														
	6,080,360	0.0	W-INF	<50	<1.0	<1.0	<1.0	<1.0	---	<0.019	<29.2	<0.0016	<4.769	---	---
			W-INT1	<50	<1.0	<1.0	<1.0	<1.0	---						
			W-INT2	<50	<1.0	<1.0	<1.0	<1.0	---						
			W-EFF	<67	<1.0	<1.0	<1.0	<1.0	---						
04/01/00	Environmental Resolutions, Inc. assumed operation of the remediation system.														
06/05/02	System down on arrival and running on departure. Startup. Water samples collected for startup.														
	10	0.0	W-INF	<50	<0.5	<0.5	<0.5	<0.5	---	<0.000	<29.2	<0.0000	<4.769	---	---
			W-INT1	<50	<0.5	<0.5	<0.5	<0.5	---						
			W-INT2	<50	<0.5	<0.5	<0.5	<0.5	---						
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	---						
06/19/02	System running on arrival and departure.														
	47,370	2.4													
07/03/02	System running on arrival and departure.														
	114,030	3.3	W-INF	270	<2.5	<2.5	<2.5	<2.5	1,300	0.152	<29.4	<0.0014	<4.770	2.473	2.473
			W-INT1	<50	<0.5	<0.5	<0.5	<0.5	46						
			W-INT2	<50	<0.5	<0.5	<0.5	<0.5	<2.5						
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	<2.5						
07/17/02	System down on arrival and running on departure.														
	114,230	0.0													
07/31/02	System running on arrival and down on departure.														
	179,580	3.2													

TABLE 4
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Former Exxon Service Station 70104
1725 Park Street
Alameda, California

Date	Total Flow (gallons)	Average Flow Rate (gpm)	Sample ID	Laboratory Analytical Results						TPHg Removed		Benzene Removed		MTBE Removed	
				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)
08/14/02	System down on arrival and running on departure.														
	179,930	0.0	W-INF	620	4.1	<2.5	<2.5	<2.5	1,400	0.245	<29.6	0.0018	<4.772	0.742	3.216
			W-INT1	<50	<0.50	<0.50	<0.50	<0.5	150						
			W-INT2	<50	<0.50	<0.50	<0.50	<0.5	<2.5						
			W-EFF	<50	<0.50	<0.50	<0.50	<0.50	<2.5						
08/28/02	System running on arrival and down on departure.														
	222,900	2.1													
11/06/02	System down on arrival and running on departure.														
	223,080	0.0	W-INF	660	<5.0	<5.0	<5.0	<5.0	1,700	0.230	<29.9	<0.0016	<4.774	0.558	3.774
			W-INT1	100	3.9	<0.5	<0.5	1.4	150						
			W-INT2	<50	<0.5	<0.5	<0.5	<0.5	<2.5						
			W-EFF	<50	<0.5	<0.5	<0.5	<0.5	<2.5						
11/20/02	System down on arrival and departure.														
12/04/02	System down on arrival and departure.														
12/18/02	System down on arrival and departure.														
01/03/03	System down on arrival and departure.														
	224,032	0.0													
01/06/03	System down on arrival and departure.														
01/15/03	System down on arrival and running on departure.														
	224,360	0.0	W-INF	730	<5.0	<5.0	<5.0	<5.0	1,200	0.007	<29.9	<0.0001	<4.774	0.015	3.789
			W-INT1	71	<0.50	<0.50	<0.50	<0.50	110						
			W-INT2	---	---	---	---	---	---						
			W-EFF	<50	<0.50	<0.50	<0.50	<0.50	<2.5						
01/29/03	System running on arrival and departure.														
	283,830	3.0													
02/12/03	System running on arrival and departure.														
	321,540	1.9	W-INF	<500	<5.0	<5.0	<5.0	<5.0	500	<0.499	<30.4	<0.0041	<4.778	0.689	4.478
			W-INT1	<500	<5.0	<5.0	<5.0	<5.0	500						
			W-INT2	<250	<2.5	<2.5	<2.5	<2.5	330						
			W-EFF	<50	<0.50	<0.50	<0.50	<0.50	<2.5						
02/26/03	System running on arrival and departure.														
	383,280	3.1													
03/12/03	System running on arrival and departure.														
	439,050	2.8	W-INF	190	<10	<10	<10	<10	1,200	0.338	<30.7	<0.0074	<4.785	0.833	5.312
			W-INT1	86	<2.5	<2.5	<2.5	<2.5	150						
			W-INT2	<50	<0.50	<0.50	<0.50	<0.50	1.5						
			W-EFF	<50	<0.50	<0.50	<0.50	<0.50	<0.5						
03/26/03	System running on arrival and departure.														
	489,680	2.5													

TABLE 4
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1725 Park Street
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Date	Total Flow (gallons)	Average Flow Rate (gpm)	Sample ID	Laboratory Analytical Results						TPHg Removed		Benzene Removed		MTBE Removed	
				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)
04/09/03	System running on arrival and departure.														
	537,030	2.4	W-INF	<500	<25	<25	<25	<25	930	<0.282	<31.0	<0.0143	<4.799	0.871	6.182
			W-INT1	50	<2.5	<2.5	<2.5	<2.5	91						
			W-INT2	<50	<0.50	<0.50	<0.50	<0.50	8.7						
			W-EFF	<50	<0.50	<0.50	<0.50	<0.50	<0.5						
04/23/03	System running on arrival and departure.														
	584,410	2.4													
05/07/03	System running on arrival and departure.														
	613,620	1.5	W-INF	180	<5.0	<5.0	<5.0	<5.0	430	0.217	<31.2	<0.0096	<4.809	0.435	6.617
			W-INT1	110	<0.50	<0.50	<0.50	<0.50	99						
			W-INT2	<50	<0.50	<0.50	<0.50	<0.50	18						
			W-EFF	<50	<0.50	<0.50	<0.50	<0.50	<0.50						
05/21/03	System running on arrival and departure.														
	646,410	1.6													
06/04/03	System running on arrival, down on departure for carbon changeout.														
	723,100	3.8													
06/18/03	System down on arrival, running on departure, monthly samples taken.														
	723,320	0.0	W-INF	<250	<2.5	<2.5	<2.5	<2.5	410	<0.197	<31.4	<0.0034	<4.812	0.384	7.001
			W-INT1	<50	<0.50	<0.50	<0.50	<0.50	<2.5						
			W-INT2	<50	<0.50	<0.50	<0.50	<0.50	<2.5						
			W-EFF	<50	<0.50	<0.50	<0.50	<0.50	<2.5						
07/02/03	System running on arrival and departure.														
	751,630	1.4	W-INF	120	<25	<25	<25	29	560	0.044	<31.4	<0.0032	<4.816	0.115	7.116
			W-INT1	<50	<0.50	<0.50	<0.50	<0.50	<0.50						
			W-INT2	<50	<0.50	<0.50	<0.50	<0.50	<0.50						
			W-EFF	<50	<0.50	<0.50	<0.50	<0.50	<0.50						
07/16/03	System running on arrival and departure.														
	778,100	1.3													
07/30/03	System running on arrival and departure.														
	805,390	1.4													
08/13/03	System running on arrival and departure.														
	828,920	1.2	W-INF	390	<10	<10	<10	<10	620	0.164	<31.6	<0.0113	<4.827	0.380	7.496
			W-INT1	<50	<0.50	<0.50	<0.50	<0.50	0.90						
			W-INT2	<50	<0.50	<0.50	<0.50	<0.50	<0.50						
			W-EFF	<50	<0.50	<0.50	<0.50	<0.50	<0.50						
08/27/03	System running on arrival and departure.														
	854,560	1.3													
09/10/03	System down on arrival, running on departure.														
	854,800	0.0	W-INF	89	<5.0	<5.0	<5.0	<5.0	140	0.052	<31.7	<0.0016	<4.828	0.082	7.578
			W-INT1	<50	<0.50	<0.50	<0.50	<0.50	0.81						
			W-INT2	<50	<0.50	<0.50	<0.50	<0.50	<0.50						
			W-EFF	<50	<0.50	<0.50	<0.50	<0.50	<0.50						

TABLE 4
OPERATION AND PERFORMANCE DATA FOR GROUNDWATER PUMP AND TREAT SYSTEM
Former Exxon Service Station 70104
1725 Park Street
Alameda, California

Date	Total Flow (gallons)	Average Flow Rate (gpm)	Sample ID	Laboratory Analytical Results						TPHg Removed		Benzene Removed		MTBE Removed	
				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)
09/24/03	System running on arrival and departure.														
	879,920	1.3													
10/08/03	System running on arrival and departure.														
	903,850	1.2	W-INF	330	<10	<10	<10	<10	540	0.086	<31.7	<0.0031	<4.832	0.139	7,718
			W-INT1	<50	<0.50	<0.50	<0.50	<0.50	1.5						
			W-INT2	<50	<0.50	<0.50	<0.50	<0.50	<0.50						
			W-EFF	<50	<0.50	<0.50	<0.50	<0.50	<0.50						
10/22/03	System running on arrival and departure.														
	927,460	1.2													
11/03/03	System running on arrival and departure.														
	947,710	1.2	W-INF	530	<10	<10	<10	<10	810	0.157	<31.9	<0.0037	<4.835	0.247	7,965
			W-INT1	<50	<0.50	<0.50	<0.50	<0.50	4.4						
			W-INT2	<50	<0.50	<0.50	<0.50	<0.50	<0.50						
			W-EFF	<50	<0.50	<0.50	<0.50	<0.50	<0.50						
11/17/03	System down on arrival. Restarted. Running on departure.														
	964,770	0.9													
12/01/03	System running on arrival and departure.														
	992,510	1.4	W-INF	410	<250	<250	<250	<250	820	0.176	<32.1	<0.0486	<4.884	0.305	8,269
			W-INT1	<50	<0.50	<0.50	<0.50	<0.50	4.2						
			W-INT2	<50	<0.50	<0.50	<0.50	<0.50	<0.50						
			W-EFF	<50	<0.50	<0.50	<0.50	<0.50	<0.50						
12/15/03	System running on arrival and departure.														
	1,021,420	1.4													
12/29/03	System running on arrival and departure.														
	1,051,220	1.5													
01/12/04	System down on arrival High/High ([H/H] holding tank), transfer pump failure.														
	1,062,140	0.5													
01/26/04	System shut down on arrival, replaced transfer pump restarted system. Collected monthly samples.														
	1,062,440	0.0	W-INF	300	<5.0	<5.0	<5.0	<5.0	770	0.207	<32.3	<0.0744	<4.958	0.464	8,733
			W-INT1	<50	<0.50	<0.50	<0.50	<0.50	5.7						
			W-INT2	<50	<0.50	<0.50	<0.50	<0.50	<0.50						
			W-EFF	<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.														
	1,062,450	0.0													
04/08/05	Started system and ran water through system into holding tank (did not discharge). Approximately 400 gallons.														
	1,064,739	0.0	W-INF	600	<0.50	<0.5	<0.5	<0.5	748	0.009	<32.3	<0.0001	<4.958	0.015	8,748
			W-INT1	<50.0	<0.50	<0.5	<0.5	<0.5	2.9						
			W-INT2	<50.0	<0.50	<0.5	<0.5	<0.5	<0.5						
			W-EFF	<50.0	<0.50	<0.5	<0.5	<0.5	<0.5						
06/27/05	1,065,780	0.0													
06/28/05	1,066,510	0.5													
06/29/05	1,075,770	6.4													
07/01/05	1,093,250	6.1													

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				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)
07/08/05	1,146,060	5.2													
07/15/05	1,201,070	5.5													
07/22/05	1,257,570	5.6	W-INF	844	8.80	2.3	0.7	30.9	707	1.162	<33.5	0.0075	<4.966	1.170	9.918
			W-INT1	151	<0.50	<0.5	<0.5	<0.5	151						
			W-INT2	<50.0	<0.50	<0.5	<0.5	<0.5	1.9						
			W-EFF	<50.0	<0.50	<0.5	<0.5	<0.5	<0.5						
07/24/05	1,271,470	4.8													
07/29/05	1,272,030	0.1													
08/05/05	1,272,630	0.1	W-INF	713	6.01	<0.500	0.569	9.69	647	0.098	<33.6	0.0009	<4.967	0.085	10.003
			W-INT1	<50.0	<0.500	<0.500	<0.500	<0.500	0.698						
			W-INT2	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500						
			W-EFF	<50.0	<0.500	<0.500	<0.500	<0.500	<0.500						
08/12/05	1,326,820	5.4													
08/19/05	1,330,450	0.4													
08/26/05	1,346,130	1.6													
09/02/05	1,384,160	3.8													
09/09/05	1,436,360	5.2	W-INF	681	0.96	<0.50	<0.50	<0.50	664	0.952	<34.5	0.0048	<4.971	0.895	10.899
			W-INT1	<50.0	<0.50	<0.50	<0.50	<0.50	<0.50						
			W-INT2	<50.0	<0.50	<0.50	<0.50	<0.50	<0.50						
			W-EFF	<50.0	<0.50	<0.50	<0.50	<0.50	<0.50						
09/16/05	1,488,660	5.2													
09/19/05	1,507,200	4.3													
10/07/05	1,507,820	0.0													
10/14/05	1,550,690	4.3													
10/21/05	1,563,060	1.2													
10/28/05	1,578,720	1.6													
11/04/05	1,634,790	5.6													
11/11/05	1,670,990	3.6	W-INF	858	0.86	<0.50	<0.50	<0.50	695	1.506	<36.0	0.0018	<4.973	1.330	12.229
			W-INT1	<50.0	<0.50	<0.50	<0.50	<0.50	3.25						
			W-INT2	<50.0	<0.50	<0.50	<0.50	<0.50	0.53						
			W-EFF	<50.0	<0.50	<0.50	<0.50	<0.50	<0.50						
11/18/05	1,706,440	3.5													
11/21/05	1,715,550	2.1													
12/02/05	1,772,310	3.6													
12/09/05	1,786,420	1.4	W-INF	1,060	<0.50	<0.50	<0.50	<0.50	821	0.924	<36.9	<0.0007	<4.974	0.730	12.959
			W-INT1	<50.0	<0.50	<0.50	<0.50	<0.50	16.0						
			W-INT2	<50.0	<0.50	<0.50	<0.50	<0.50	<0.50						
			W-EFF	<50.0	<0.50	<0.50	<0.50	<0.50	<0.50						
12/16/05	1,800,240	1.4													
12/22/05	1,804,140	0.5													
12/30/05	1,804,160	0.0													

TABLE 4
OPERATION AND PERFORMANCE DATA FOR GROUNDWATER PUMP AND TREAT SYSTEM
Former Exxon Service Station 70104
1725 Park Street
Alameda, California

Date	Total Flow (gallons)	Average Flow Rate (gpm)	Sample ID	Laboratory Analytical Results						TPHg Removed		Benzene Removed		MTBE Removed	
				TPHg (µg/l)	B (µg/l)	T (µg/l)	E (µg/l)	X (µg/l)	MTBE (µg/l)	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)
01/06/06	1,823,487	1.9	W-INF	3,210c	<0.50	<0.50	<0.50	<0.50	1,240	0.660	<37.6	<0.0002	<4.974	0.319	13.277
			W-INT1	<50.0	<0.50	<0.50	<0.50	<0.50	28.8						
			W-INT2	<50.0	<0.50	<0.50	<0.50	<0.50	<0.50						
			W-EFF	<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	1,700d	<10	<10	<10	<10	1,700	1.309	<38.9	<0.0028	<4.977	0.784	14.061
			W-INT1	<50	<0.50	<0.50	<0.50	<0.50	35						
			W-INT2	<50	<0.50	<0.50	<0.50	<0.50	<2.5						
			W-EFF	<50	<0.50	<0.50	<0.50	<0.50	<2.5						
02/10/06	System running on arrival and departure.														
	1,904,310	1.7													
02/17/06	System running on arrival and departure.														
	1,921,860	1.7													
02/23/06	System running on arrival and departure.														
	1,936,920	1.7													
02/24/06	System running on arrival and departure.														
	1,941,290	3.0													
03/03/06	System running on arrival and departure.														
	1,972,060	3.1	W-INF	<2,500	<25	<25	<25	<25	1,700	<1.484	<40.4	<0.0124	<4.989	1.201	15.262
			W-INT1	<500	<5.0	<5.0	<5.0	<5.0	250						
			W-INT2	<50	<0.50	<0.50	<0.50	<0.50	<2.5						
			W-EFF	<50	<0.50	<0.50	<0.50	<0.50	<2.5						
03/10/06	System running on arrival and departure.														
	1,989,680	1.8													
03/17/06	System down on arrival (moisture separator tank [MST] high level). Restarted. Running on departure.														
	2,002,980	1.3													
03/24/06	System running on arrival and departure.														
	2,038,840	3.6													
03/31/06	System down on arrival. Restarted. Running on departure.														
	2,042,050	0.3													
04/07/06	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	<5.011	1.562	16.824
			W-INT1	400d	<2.5	<2.5	<2.5	<2.5	440						
			W-INT2	<50	<0.50	<0.50	<0.50	<0.50	<2.5						
			W-EFF	<50	<0.50	<0.50	<0.50	<0.50	<2.5						
04/13/06	System running on arrival and departure.														
	2,109,320	3.5													
04/28/06	System running on arrival and departure.														
	2,145,290	1.7													

TABLE 4
OPERATION AND PERFORMANCE DATA FOR GROUNDWATER PUMP AND TREAT SYSTEM
Former Exxon Service Station 70104
1725 Park Street
Alameda, California

Date	Total Flow (gallons)	Average Flow Rate (gpm)	Sample ID	Laboratory Analytical Results						TPHg Removed		Benzene Removed		MTBE Removed	
				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)
05/05/06	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	<5.033	1.528	18.352
			W-INT1	650d	<5.0	<5.0	<5.0	<5.0	800						
			W-INT2	<50	<0.50	<0.50	<0.50	<0.50	<2.5						
			W-EFF	<50	<0.50	<0.50	<0.50	<0.50	<2.5						
05/12/06	System running on arrival and departure.														
	2,213,710	3.3													
05/19/06	System running on arrival and departure.														
	2,245,730	3.2													
05/25/06	System running on arrival and departure.														
	2,272,150	3.1													
06/02/06	System running on arrival and departure.														
	2,305,800	2.9													
06/09/06	System running on arrival and departure.														
	2,334,660	2.9	W-INF	<2,500	<25	<25	<25	<25	2,100	<3.210	<48.0	<0.0321	<5.065	2.504	20.856
			W-INT1	1,200d	15	<10	<10	<10	1,100						
			W-INT2	<50	<0.50	<0.50	<0.50	<0.50	9.6						
			W-EFF	<50	<0.50	<0.50	<0.50	<0.50	<2.5						
06/16/06	System down on arrival and running on departure.														
	2,354,230	1.9													
06/23/06	System running on arrival and departure.														
	2,364,230	1.0													
06/30/06	System running on arrival and departure.														
	2,373,900	1.0													
07/05/06	System running on arrival and departure.														
	2,381,000	1.0	W-INF	113	<0.50	<0.50	<0.50	<0.50	169	0.505	<48.5	<0.0049	<5.070	0.439	21.294
			W-INT1	<50.0	<0.50	<0.50	<0.50	<0.50	9.86						
			W-INT2	<50.0	<0.50	<0.50	<0.50	<0.50	<0.50						
			W-EFF	<50.0	<0.50	<0.50	<0.50	<0.50	<0.50						
07/14/06	System running on arrival and departure.														
	2,435,000	4.2													
07/21/06	System running on arrival and departure.														
	2,471,700	3.6													
07/28/06	System running on arrival and departure.														
	2,505,700	3.4													
08/04/06	System running on arrival and departure.														
	2,541,520	3.6	W-INF	1,800	1.97	<0.50	<0.50	2.27	2,220	1.281	<49.7	0.0017	<5.071	1.600	22.894
			W-INT1	619	<0.50	<0.50	<0.50	<0.50	646						
			W-INT2	<50.0	<0.50	<0.50	<0.50	0.64	<0.50						
			W-EFF	<50.0	<0.50	<0.50	<0.50	<0.50	<0.50						
08/11/06	System running on arrival and departure.														
	2,578,290	3.7													

TABLE 4
OPERATION AND PERFORMANCE DATA FOR GROUNDWATER PUMP AND TREAT SYSTEM
Former Exxon Service Station 70104
1725 Park Street
Alameda, California

Date	Total Flow (gallons)	Average Flow Rate (gpm)	Sample ID	Laboratory Analytical Results TPHg (µg/l)	B (µg/l)	T (µg/l)	E (µg/l)	X (µg/l)	MTBE (µg/l)	TPHg Removed Per Period (lbs)	TPHg Removed Cumulative (lbs)	Benzene Removed Per Period (lbs)	Benzene Removed Cumulative (lbs)	MTBE Removed Per Period (lbs)	MTBE Removed Cumulative (lbs)
08/18/06	System running on arrival and departure.														
	2,614,050	3.6													
08/25/06	System running on arrival and departure.														
	2,614,100	0.0													
09/01/06	System running on arrival and shut down on departure for carbon changeout.														
	2,651,170	3.7													
09/15/06	Carbon changeout complete. Restart system.														
	2,651,170	0.0													
09/22/06	System down on arrival and locked out/tagged out on departure for repairs.														
	2,670,860	2.0	W-INF	861	<0.50	<0.50	<0.50	0.67	924	1.436	<51.2	<0.0013	<5.073	1.696	24.590
			W-INT1	<50.0	<0.50	<0.50	<0.50	<0.50	6.66						
			W-INT2	<50.0	0.84	<0.50	<0.50	2.98	1.29						
			W-EFF	<50.0	<0.50	<0.50	<0.50	<0.50	<0.50						
10/06/06	System down on arrival and running on departure.														
	2,670,860	0.0													
10/13/06	System down on arrival and departure.														
	2,672,600	0.2													
10/20/06	System down on arrival and locked out/tagged out on departure for carbon changeout.														
	2,672,860	0.0													
10/27/06	System down on arrival and running on departure.														
	2,672,860	0.0	W-INF	<2,500	<25	<25	<25	<25	2,400	<0.028	<51.2	<0.0002	<5.073	0.028	24.618
			W-INT1	<50	<0.50	<0.50	<0.50	<0.50	<2.5						
			W-INT2	<50	<0.50	<0.50	<0.50	<0.50	<2.5						
			W-EFF	<50	<0.50	<0.50	<0.50	<0.50	<2.5						
11/03/06	System running on arrival and departure.														
	2,710,410	3.7													
11/10/06	System running on arrival and departure.														
	2,751,080	4.0	W-INF	2,700d	<25	<25	<25	<25	2,500	1.697	<52.9	<0.0163	<5.089	1.599	26.217
			W-INT1	<50	<0.50	<0.50	<0.50	<0.50	<2.5						
			W-INT2	<50	<0.50	<0.50	<0.50	<0.50	<2.5						
			W-EFF	<50	<0.50	<0.50	<0.50	<0.50	<2.5						
11/14/06	System running on arrival and departure.														
	2,775,140	4.2													
11/20/06	System running on arrival and departure.														
	2,808,860	3.9													
11/27/06	System running on arrival and departure.														
	2,845,210	3.6													
12/05/06	System running on arrival and departure.														
	2,885,930	3.5	W-INF	2,500d	<25	<25	<25	<25	2,300	2.925	<55.8	<0.0281	<5.117	2.700	28.917
			W-INT1	<50	<0.50	<0.50	<0.50	<0.50	38						
			W-INT2	<50	<0.50	<0.50	<0.50	<0.50	<2.5						
			W-EFF	<50	<0.50	<0.50	<0.50	<0.50	<2.5						

TABLE 4
OPERATION AND PERFORMANCE DATA FOR GROUNDWATER PUMP AND TREAT SYSTEM
Former Exxon Service Station 70104
1725 Park Street
Alameda, California

Date	Total Flow (gallons)	Average Flow Rate (gpm)	Sample ID	Laboratory Analytical Results						TPHg Removed		Benzene Removed		MTBE Removed	
				TPHg (µg/l)	B (µg/l)	T (µg/l)	E (µg/l)	X (µg/l)	MTBE (µg/l)	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)
12/15/06	System down on arrival and running departure.														
	2,885,930	0.0													
12/21/06	System running on arrival and departure.														
	2,922,240	4.2													
12/26/06	System running on arrival and departure.														
	2,944,490	3.1													
01/05/07	System running on arrival and departure.														
	2,969,800	1.8													
01/12/07	System running on arrival and departure.														
	3,012,350	4.2	W-INF	1,600d	<12	<12	<12	<12	1,700	2.162	<58.0	<0.0195	<5.137	2.110	31.027
			W-INT1	580d	<5.0	<5.0	<5.0	<5.0	590						
			W-INT2	<50	<0.50	<0.50	<0.50	<0.50	<2.5						
			W-EFF	<50	<0.50	<0.50	<0.50	<0.50	<2.5						
01/19/07	System running on arrival and departure.														
	3,046,970	3.4													
01/26/07	System running on arrival and departure.														
	3,090,550	4.3													
02/02/07	System running on arrival and departure.														
	3,129,760	3.9	W-INF	1,400d	<12	<12	<12	<12	2,100	1.469	<59.5	<0.0118	<5.149	1.861	32.888
			W-INT1	1,100d	<10	<10	<10	<10	1,400						
			W-INT2	<50	<0.50	<0.50	<0.50	<0.50	<2.5						
			W-EFF	<50	<0.50	<0.50	<0.50	<0.50	<2.5						
02/09/07	System running on arrival and departure.														
	3,169,480	3.9													
02/16/07	System running on arrival and locked out/tagged out on departure for carbon changeout.														
	3,187,150	1.8													
02/23/07	System locked out/tagged out on arrival and departure.														
03/02/07	System locked out/tagged out on arrival and departure.														
03/09/07	System locked out/tagged out on arrival and departure.														
04/03/07	System locked out/tagged out on arrival, restarted, and running on departure.														
	3,187,660	0.0													
04/12/07	System running on arrival and departure.														
	3,223,250	2.8	W-INF	2,700d,e	<25e	<25e	<25e	<25e	3,100e	1.599	<61.1	<0.0144	<5.163	2.028	34.916
			W-INT1	1,600d,e	<10e	<10e	<10e	<10e	1,800e						
			W-INT2	<50e	<0.50 e	<0.50 e	<0.50 e	<0.50 e	<2.5 e						
			W-EFF	<50 e	<0.50 e	<0.50 e	<0.50 e	<0.50 e	<2.5 e						
04/20/07	System running on arrival and departure.														
	3,235,130	1.0													
04/25/07	System down on arrival and running on departure.														
	3,246,590	1.6													
05/04/07	System down on arrival and running on departure.														
	3,248,650	0.2													

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Former Exxon Service Station 70104
1725 Park Street
Alameda, California

Date	Total Flow (gallons)	Average Flow Rate (gpm)	Sample ID	Laboratory Analytical Results						TPHg Removed		Benzene Removed		MTBE Removed	
				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)
05/11/07	System down on arrival and running on departure.														
	3,255,710	0.7	W-INF	2,200f	<10 f	<10f	<10f	<10f	3,400f	0.664	<61.7	<0.0047	<5.168	0.880	35.796
			W-INT1	1,000f	<10f	<10f	<10f	<10f	1,600f						
			W-INT2	<50f	<0.50 f	<0.50 f	<0.50 f	<0.50 f	<0.50 f						
			W-EFF	<50 f	<0.50 f	<0.50 f	<0.50 f	<0.50 f	2.5 f						
05/17/07	System down on arrival and running on departure.														
	3,276,990	2.5													
05/25/07	System running on arrival and departure.														
	3,284,770	0.7													
05/30/07	System running on arrival and departure.														
	3,299,240	2.0													
06/01/07	System down on arrival and running on departure.														
06/08/07	System down on arrival and running on departure.														
	3,338,400	3.0													
06/15/07	System down on arrival and running on departure.														
06/21/07	System down on arrival and running on departure.														
	3,351,600	0.7	W-INF	<2,500	<25	<25	<25	<25	1,600	<1.880	<63.6	<0.0140	<5.182	2.000	37.796
			W-INT1	<50	<0.50	<0.50	<0.50	<0.50	<2.5						
			W-INT2	<50	<0.50	<0.50	<0.50	<0.50	<2.5						
			W-EFF	<50	<0.50	<0.50	<0.50	<0.50	<2.5						
06/29/07	System down on arrival and running on departure.														
	3,374,190	2.0													
07/06/07	System down on arrival and running on departure.														
	3,382,010	0.8													
07/11/07	System down on arrival and running on departure.														
	3,388,110	0.9													
07/18/07	System down on arrival and running on departure.														
	3,409,620	2.1													
07/20/07	System down on arrival and running on departure.														
	3,411,890	0.8													
07/24/07	System running on arrival and departure.														
	3,416,420	0.8													
07/31/07	System running on arrival and departure.														
	3,425,640	0.9	W-INF	1,040	0.86	<0.50	<0.50	<0.50	684	1.093	<64.7	0.0080	<5.190	0.705	38.502
			W-INT1	<50.0	<0.50	<0.50	<0.50	<0.50	<0.50						
			W-INT2	<50.0	<0.50	<0.50	<0.50	<0.50	<0.50						
			W-EFF	<50.0	<0.50	<0.50	<0.50	<0.50	<0.50						
08/09/07	System running on arrival and departure.														
	3,437,380	0.9	W-INF	2,330	<0.50	<0.50	<0.50	<0.50	1,590	0.165	<64.9	<0.0001	<5.190	0.111	38.613
			W-INT1	<50.0	<0.50	<0.50	<0.50	<0.50	0.65						
			W-INT2	<50.0	<0.50	<0.50	<0.50	<0.50	<0.50						
			W-EFF	<50.0	<0.50	<0.50	<0.50	<0.50	<0.50						

TABLE 4
OPERATION AND PERFORMANCE DATA FOR GROUNDWATER PUMP AND TREAT SYSTEM
Former Exxon Service Station 70104
1725 Park Street
Alameda, California

Date	Total Flow (gallons)	Average Flow Rate (gpm)	Sample ID	Laboratory Analytical Results TPHg (µg/l)	B (µg/l)	T (µg/l)	E (µg/l)	X (µg/l)	MTBE (µg/l)	TPHg Removed Per Period (lbs)	TPHg Removed Cumulative (lbs)	Benzene Removed Per Period (lbs)	Benzene Removed Cumulative (lbs)	MTBE Removed Per Period (lbs)	MTBE Removed Cumulative (lbs)
08/14/07	System running on arrival and departure.														
	3,446,080	1.2													
08/21/07	System running on arrival and departure.														
	3,456,500	1.0													
08/28/07	System down on arrival and running on departure.														
	3,467,940	1.1													
09/07/07	System running on arrival and departure.														
	3,478,900	0.8													
09/14/07	System running on arrival and departure.														
	3,485,690	0.7	W-INF	120	<0.50	<0.50	<0.50	<1.0	330	0.494	<65.4	<0.0002	<5.190	0.387	39.000
			W-INT1	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
			W-INT2	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
			W-EFF	79	<0.50	<0.50	<0.50	<1.0	<5.0						
09/21/07	System running on arrival and departure.														
	3,492,210	0.7													
09/28/07	System running on arrival and 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	<65.6	<0.0009	<5.191	0.346	39.346
			W-INT1	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
			W-INT2	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
			W-EFF	<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	<5.193	0.805	40.152
			W-INT1	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
			W-INT2	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
			W-EFF	<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													

TABLE 4
OPERATION AND PERFORMANCE DATA FOR GROUNDWATER PUMP AND TREAT SYSTEM
Former Exxon Service Station 70104
1725 Park Street
Alameda, California

Date	Total Flow (gallons)	Average Flow Rate (gpm)	Sample ID	Laboratory Analytical Results						TPHg Removed		Benzene Removed		MTBE Removed	
				TPHg (µg/l)	B (µg/l)	T (µg/l)	E (µg/l)	X (µg/l)	MTBE (µg/l)	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)
12/07/07	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	<5.193	0.255	40.407
			W-INT1	<50	<0.50	0.50	<0.50	<1.0	<5.0						
			W-INT2	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
			W-EFF	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
12/13/07	System running on arrival and running on departure.														
	3,609,430	0.4													
12/14/07	System shut down on arrival and departure.														
	3,610,550	0.8													
12/19/07	System down on arrival and running on departure.														
	3,610,960	0.1													
12/21/07	System running on arrival and running on departure.														
	3,617,270	2.2													
12/27/07	System running on arrival and running on departure.														
	3,628,510	1.3													
01/04/08	System down on arrival and down on departure.														
	3,635,950	0.7													
01/07/08	System restarted.														
	3,635,950	0.0													
01/18/08	System running on arrival and departure.														
	3,647,250	0.7	W-INF	360	<1.0	<1.0	<1.0	<2.0	500	0.105	<66.2	<0.0006	<5.194	0.152	40.558
			W-INT1	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
			W-INT2	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
			W-EFF	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
01/25/08	System down on arrival and running on departure.														
	3,653,500	0.6													
01/27/08	System down on arrival and running on departure.														
	3,654,200	0.2													
01/31/08	System down on arrival and running on departure.														
	3,659,910	1.0													
02/08/08	System running on arrival and departure.														
	3,690,670	2.7													
02/15/08	Restart system; running on departure.														
	3,704,620	1.4	W-INF	<50	<10.00	29	<10.00	49	2,400	<0.098	<66.2	<0.0026	<5.196	0.694	41.252
			W-INT1	<50	<0.50	<0.50	<0.50	<1.0	14						
			W-INT2	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
			W-EFF	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
02/22/08	System running on arrival and departure.														
	3,716,980	1.2													
02/26/08	System running on arrival and departure.														
	3,722,530	1.0													
03/06/08	System running on arrival and departure.														
	3,738,110	1.2													

TABLE 4
OPERATION AND PERFORMANCE DATA FOR GROUNDWATER PUMP AND TREAT SYSTEM
Former Exxon Service Station 70104
1725 Park Street
Alameda, California

Date	Total Flow (gallons)	Average Flow Rate (gpm)	Sample ID	Laboratory Analytical Results						TPHg Removed		Benzene Removed		MTBE Removed	
				TPHg (µg/l)	B (µg/l)	T (µg/l)	E (µg/l)	X (µg/l)	MTBE (µg/l)	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)
03/14/08	System running on arrival and departure.														
	3,749,150	1.0													
03/21/08	System down on arrival and running on departure.														
	3,757,000	0.8													
03/28/08	System down on arrival and running on departure.														
	3,757,540	0.1	W-INF	120	<0.50	<0.50	<0.50	<1.0	210	0.038	<66.3	<0.0023	<5.199	0.576	41.829
			W-INT1	<50	<0.50	<0.50	<0.50	<1.0	21						
			W-INT2	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
			W-EFF	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
04/05/08	System running on arrival and departure.														
	3,757,690	0.0													
04/11/08	System running on arrival and down on departure.														
	3,757,750	0.0	W-INF	370	<0.50	<0.50	<0.50	<1.0	270	0.000	<66.3	<0.0000	<5.199	0.000	41.829
			W-INT1	<50	<0.50	<0.50	<0.50	<1.0	24						
			W-INT2	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
			W-EFF	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
04/15/08	System down on arrival and running on departure.														
	3,757,750	0.0													
04/22/08	System running on arrival and departure.														
	3,761,040	0.3													
05/02/08	System running on arrival and departure.														
	3,769,160	0.6													
05/06/08	System running on arrival and departure.														
	3,774,830	1.0	W-INF	870	<2.5	<2.5	<2.5	<5.0	1,300	0.088	<66.4	<0.0002	<5.199	0.112	41.941
			W-INT1	65	<0.50	<0.50	<0.50	<1.0	86						
			W-INT2	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
			W-EFF	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
05/16/08	System running on arrival and departure.														
	3,785,690	0.8													
05/23/08	System running on arrival and departure.														
	3,788,780	0.3													
05/28/08	System running on arrival and departure.														
	3,790,260	0.2													
06/03/08	System running on arrival and departure.														
	3,795,970	0.7	W-INF	630	<1.0	<1.0	<1.0	<2.0	550	0.132	<66.5	<0.0003	<5.199	0.163	42.104
			W-INT1	82	0.56	<1.4	<0.50	<1.0	17						
			W-INT2	<50	0.62	1.5	<0.50	<1.0	<5.0						
			W-EFF	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
06/13/08	System running on arrival and departure.														
	3,796,670	0.1													
06/17/08	System running on arrival and departure.														
	3,797,130	0.1													

TABLE 4
OPERATION AND PERFORMANCE DATA FOR GROUNDWATER PUMP AND TREAT SYSTEM
Former Exxon Service Station 70104
1725 Park Street
Alameda, California

Date	Total Flow (gallons)	Average Flow Rate (gpm)	Sample ID	Laboratory Analytical Results						TPHg Removed		Benzene Removed		MTBE Removed	
				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)
06/23/08	System running on arrival and departure.														
	3,797,230	0.0													
07/03/08	System running on arrival and departure.														
	3,797,330	0.0													
07/08/08	System running on arrival and departure.														
	3,797,510	0.0	W-INF	640	<2.5	<2.5	<2.5	<5.0	1,200	0.008	<66.5	<0.0000	<5.199	0.011	42.115
			W-INT1	<50	<0.50	<0.50	<0.50	<1.0	77						
			W-INT2	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
			W-EFF	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
07/15/08	System running on arrival and departure.														
	3,797,760	0.0	W-INF	<50	2.0	<0.50	<0.50	<1.0	120	<0.001	<66.5	0.0000	<5.199	0.001	42.117
			W-INT1	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
			W-INT2	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
			W-EFF	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
07/21/08	System running on arrival and departure.														
	3,799,120	0.2													
07/29/08	System running on arrival and departure.														
	3,799,560	0.0													
08/08/08	System running on arrival and departure.														
	3,799,950	0.0													
08/15/08	System running on arrival and departure.														
	3,800,390	0.0													
08/22/08	System running on arrival and departure.														
	3,800,440	0.0	W-INF	150	4.0	<0.50	<0.50	<1.0	370	0.002	<66.5	0.0001	<5.199	0.005	42.122
			W-INT1	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
			W-INT2	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
			W-EFF	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
08/29/08	System running on arrival and departure.														
	3,801,090	0.1													
09/05/08	System running on arrival and departure.														
	3,801,360	0.0	W-INF	570	5.6	<5.0	<5.0	<10	4,700	0.003	<66.5	0.0000	<5.199	0.019	42.142
			W-INT1	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
			W-INT2	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
			W-EFF	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
09/12/08	System running on arrival and departure.														
	3,801,700	0.0													
09/19/08	System running on arrival and departure.														
	3,802,220	0.1													
09/26/08	System running on arrival and departure.														
	3,821,130	1.9													
10/03/08	System running on arrival and departure.														
	3,829,660	0.9													

TABLE 4
OPERATION AND PERFORMANCE DATA FOR GROUNDWATER PUMP AND TREAT SYSTEM
Former Exxon Service Station 70104
1725 Park Street
Alameda, California

Date	Total Flow (gallons)	Average Flow Rate (gpm)	Sample ID	Laboratory Analytical Results						TPHg Removed		Benzene Removed		MTBE Removed	
				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)
10/10/08	System running on arrival and departure.														
	3,836,030	0.6	W-INF	410	<1.0	<1.00	<1.00	<2.0	640	0.142	<66.7	<0.0010	<5,200	0.772	42,914
			W-INT1	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
			W-INT2	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
			W-EFF	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
10/17/08	System running on arrival and departure.														
	3,842,780	0.7													
10/31/08	System running on arrival and departure.														
	3,859,120	0.8													
11/07/08	System running on arrival and departure.														
	3,865,290	0.6													
11/15/08	System running on arrival and departure.														
	3,871,710	0.6													
11/17/08	System running on arrival and departure.														
	3,872,707	0.4	W-INF	550	<1.0	<1.0	<1.0	<2.0	940	0.147	<66.8	<0.0003	<5,201	0.242	43,156
			W-INT1	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
			W-INT2	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
			W-EFF	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
11/25/08	System running on arrival and departure.														
	3,875,830	0.3													
12/05/08	System running on arrival and departure.														
	3,883,530	0.5													
12/12/08	System running on arrival and departure.														
	3,887,570	0.4	W-INF	180	<0.50	<0.50	<0.50	<1.0	280	0.045	<66.9	<0.0001	<5,201	0.076	43,231
			W-INT1	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
			W-INT2	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
			W-EFF	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
12/16/08	System running on arrival and departure.														
	3,891,390	0.7													
12/24/08	System running on arrival and departure.														
	3,892,540	0.1													
01/02/09	System running on arrival and departure.														
	3,912,840	1.6													
01/09/09	System running on arrival and departure.														
	3,921,110	0.8	W-INF	63	<0.50	<0.50	<0.50	<1.0	310	0.034	<66.9	<0.0001	<5,201	0.083	43,314
			W-INT1	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
			W-INT2	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
			W-EFF	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
01/16/09	System running on arrival and departure.														
	3,923,430	0.2													
01/20/09	System running on arrival and departure.														
	3,928,540	0.9													

TABLE 4
OPERATION AND PERFORMANCE DATA FOR GROUNDWATER PUMP AND TREAT SYSTEM
Former Exxon Service Station 70104
1725 Park Street
Alameda, California

Date	Total Flow (gallons)	Average Flow Rate (gpm)	Sample ID	Laboratory Analytical Results						TPHg Removed		Benzene Removed		MTBE Removed	
				TPHg (µg/l)	B (µg/l)	T (µg/l)	E (µg/l)	X (µg/l)	MTBE (µg/l)	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)
01/30/09	System running on arrival and departure.														
	3,939,740	0.8													
02/06/09	System running on arrival and departure.														
	3,947,850	0.8													
02/13/09	System running on arrival and departure.														
	3,955,300	0.7	W-INF	97	<0.50	<0.50	<0.50	<1.0	400	0.023	<66.9	<0.0001	<5.201	0.101	43.415
			W-INT1	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
			W-INT2	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
			W-EFF	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
02/20/09	System down on arrival and departure.														
	3,961,760	0.6													
02/27/09	System down on arrival and departure.														
	3,961,760	0.0													
03/06/09	System running on arrival and departure.														
	3,969,890	0.8													
03/10/09	System down on arrival and running on departure.														
	4,385,120	0.2													
03/13/09	System running on arrival and departure.														
	3,989,370	1.9	W-INF	310	1.5	<0.50	<0.50	1.6	410	0.058	<67.0	0.0003	<5.201	0.115	43.530
			W-INT1	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
			W-INT2	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
			W-EFF	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
03/20/09	System running on arrival and departure.														
	3,999,140	1.0													
03/23/09	System running on arrival and departure.														
	3,999,870	0.2													
03/31/09	System running on arrival and departure.														
	4,009,710	0.9													
04/07/09	System running on arrival and departure.														
	4,015,770	0.6	W-INF	360	<0.50	<0.50	<0.50	<1.0	490	0.074	<67.0	<0.0002	<5.202	0.099	43.629
			W-INT1	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
			W-INT2	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
			W-EFF	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
04/17/09	System running on arrival and departure.														
	4,030,486	1.0													
04/29/09	System running on arrival and departure.														
	4,047,450	1.0													
05/01/09	System running on arrival and departure.														
	4,057,140	3.4													
05/08/09	System running on arrival and departure.														
	4,064,660	0.8													

TABLE 4
OPERATION AND PERFORMANCE DATA FOR GROUNDWATER PUMP AND TREAT SYSTEM
Former Exxon Service Station 70104
1725 Park Street
Alameda, California

Date	Total Flow (gallons)	Average Flow Rate (gpm)	Sample ID	Laboratory Analytical Results						TPHg Removed		Benzene Removed		MTBE Removed	
				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)
05/15/09	System running on arrival and departure.														
	4,070,650	0.6	W-INF	360	<0.50	<0.50	<0.50	<1.0	470	0.165	<67.2	<0.0002	<5.202	0.220	43.849
			W-INT1	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
			W-INT2	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
			W-EFF	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
05/22/09	System running on arrival and departure.														
	4,075,430	0.5													
05/29/09	System running on arrival and departure.														
	4,077,470	0.2													
06/05/09	System running on arrival and departure.														
	4,083,490	0.6													
06/11/09	System running on arrival and departure.														
	4,094,140	1.2	W-INF	<50	<0.50	<0.50	<0.50	<1.0	700	<0.040	<67.2	<0.0001	<5.202	0.115	43.964
			W-INT1	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
			W-INT2	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
			W-EFF	<50	<0.50	0.69g	<0.50	3.4	<5.0						
06/12/09	System down on arrival and running on departure.														
	4,095,170	0.7													
06/19/09	System running on arrival and departure.														
	4,104,580	1.9													
06/26/09	System running on arrival and departure.														
	4,112,860	0.8													
06/29/09	System running on arrival and departure.														
	4,116,600	0.9													
07/10/09	System running on arrival and departure.														
	4,129,920	0.8													
07/17/09	System running on arrival and departure.														
	4,137,560	0.8	W-INF	160	<2.5	<2.5	<2.5	<5.0	220	0.038	<67.3	<0.0005	<5.202	0.167	44.130
			W-INT1	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
			W-INT2	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
			W-EFF	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
07/24/09	System running on arrival and departure.														
	4,145,570	0.8													
07/31/09	System running on arrival and departure.														
	4,152,830	0.7													
08/04/09	System running on arrival and departure.														
	4,157,350	0.8	W-INF	260	1.3	1.0	<0.50	1.4g	340	0.035	<67.3	0.0003	<5.203	0.046	44.177
			W-INT1	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
			W-INT2	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
			W-EFF	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
08/14/09	System running on arrival and departure.														
	4,167,720	0.7													

TABLE 4
OPERATION AND PERFORMANCE DATA FOR GROUNDWATER PUMP AND TREAT SYSTEM
Former Exxon Service Station 70104
1725 Park Street
Alameda, California

Date	Total Flow (gallons)	Average Flow Rate (gpm)	Sample ID	Laboratory Analytical Results						TPHg Removed		Benzene Removed		MTBE Removed	
				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)
08/21/09	System running on arrival and departure.														
	4,175,880	0.8													
08/28/09	System running on arrival and departure.														
	4,183,940	0.8													
09/04/09	System running on arrival and departure.														
	4,190,890	0.7													
09/11/09	System running on arrival and departure.														
	4,198,820	0.8													
09/14/09	System running on arrival and departure.														
	4,202,640	0.9	W-INF	1,300	3.8g	<2.5	<2.5	<5.0	2,200	0.295	<67.6	0.0010	<5,204	0.480	44,657
			W-INT1	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
			W-INT2	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
			W-EFF	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
09/25/09	System down on arrival and running on departure.														
	4,224,590	1.4													
10/02/09	System down on arrival and running on departure.														
	4,236,600	1.2													
10/15/09	System running on arrival and down on departure for carbon changeout.														
	4,260,050	1.3	W-INF	380h	<2.5	<2.5	<2.5	<5.0	670	0.402	<68.0	<0.0015	<5,205	0.687	45,344
			W-INT1	<50	<0.50	<0.50	<0.50	<1.0	9.1						
			W-INT2	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
			W-EFF	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
10/19/09	System down on arrival and running on departure.														
	4,260,050	0.0													
10/30/09	System down on arrival and running on departure.														
	4,260,050	0.0													
11/06/09	System running on arrival and departure.														
	4,260,660	0.1	W-INF	73h	5.4	<2.5	<2.5	<5.0	58	0.001	<68.0	0.0000	<5,205	0.002	45,346
			W-INT1	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
			W-INT2	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
			W-EFF	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
11/13/09	System running on arrival and departure.														
	4,260,670	0.0													
11/20/09	System down on arrival and running on departure.														
	4,261,910	0.1													
11/25/09	System running on arrival and departure.														
	4,265,320	0.5													
12/04/09	System down on arrival and running on departure.														
	4,278,560	1.0													
12/11/09	System down on arrival and departure.														
	4,280,560	0.2													

TABLE 4
OPERATION AND PERFORMANCE DATA FOR GROUNDWATER PUMP AND TREAT SYSTEM
Former Exxon Service Station 70104
1725 Park Street
Alameda, California

Date	Total Flow (gallons)	Average Flow Rate (gpm)	Sample ID	Laboratory Analytical Results						TPHg Removed		Benzene Removed		MTBE Removed	
				TPHg (µg/l)	B (µg/l)	T (µg/l)	E (µg/l)	X (µg/l)	MTBE (µg/l)	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)
12/18/09	System down on arrival and departure.														
	4,280,650	0.0	W-INF	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<0.010	<68.0	<0.0005	<5.206	<0.005	<45.351
			W-INT1	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
			W-INT2	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
			W-EFF	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
12/23/09	System down on arrival and departure.														
	4,280,660	0.0													
12/31/09	System down on arrival and departure.														
	4,280,660	0.0													
01/08/10	System running on arrival and departure.														
	4,284,140	0.3													
01/15/10	System running on arrival and departure.														
	4,288,090	0.4	W-INF	300h	<0.50	<0.50	<0.50	<1.0	450	0.011	<68.0	<0.0000	<5.206	0.014	<45.365
			W-INT1	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
			W-INT2	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
			W-EFF	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
01/22/10	System running on arrival and departure.														
	4,291,420	0.3													
01/29/10	System running on arrival and departure.														
	4,294,656	0.3													
02/05/10	System running on arrival and departure.														
	4,297,890	0.3													
02/12/10	System running on arrival and departure.														
	4,301,320	0.3	W-INF	<50	<0.50	<0.50	<0.50	<1.0	110	<0.019	<68.1	<0.0001	<5.206	0.031	<45.396
			W-INT1	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
			W-INT2	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
			W-EFF	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
02/19/10	System running on arrival and departure.														
	4,331,510	3.0													
02/26/10	System running on arrival and departure.														
	4,358,820	2.7													
03/06/10	System down on arrival and running on departure.														
	4,384,020	2.2													
03/09/10	System down on arrival and running on departure.														
	4,384,970	0.2													
03/10/10	System down on arrival and running on departure.														
	4,385,120	0.1													
03/12/10	System running on arrival and departure.														
	4,393,310	1.9													

TABLE 4
OPERATION AND PERFORMANCE DATA FOR GROUNDWATER PUMP AND TREAT SYSTEM
Former Exxon Service Station 70104
1725 Park Street
Alameda, California

Date	Total Flow (gallons)	Average Flow Rate (gpm)	Sample ID	Laboratory Analytical Results						TPHg Removed		Benzene Removed		MTBE Removed	
				TPHg (µg/l)	B (µg/l)	T (µg/l)	E (µg/l)	X (µg/l)	MTBE (µg/l)	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)	Per Period (lbs)	Cumulative (lbs)
03/19/10	System running on arrival and departure.														
	4,425,590	3.2	W-INF	1,100	8.5	<5.0	<5.0	<10	1,700	0.596	<68.7	0.0047	<5.210	0.938	<46.334
			W-INT1	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
			W-INT2	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
			W-EFF	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
03/26/10	System running on arrival and departure.														
	4,457,600	3.2													
04/02/10	System running on arrival and departure.														
	4,477,070	1.9													
04/07/10	System running on arrival and down on departure.														
	4,489,430	1.7													
04/16/10	System down on arrival and running on departure.														
	4,489,500	0.0													
04/23/10	System running on arrival and departure.														
	4,518,760	2.9	W-INF	950h	<5.0	<5.0	<5.0	<10	1,400	0.797	<69.5	<0.0052	<5.216	1.205	<47.539
			W-INT1	120h	<0.50	<0.50	<0.50	<1.0	180						
			W-INT2	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
			W-EFF	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
04/30/10	System down on arrival and departure.														
	4,545,880	2.7													
05/05/10	System down on arrival and running on departure.														
	4,546,150	0.0													
05/07/10	System running on arrival and departure.														
	4,552,010	2.0													
05/14/10	System running on arrival and departure.														
	4,572,650	2.1	W-INF	1,000h	<5.0	<5.0	<5.0	<10	1,400	0.438	<69.9	<0.0022	<5.218	0.629	<48.169
			W-INT1	340h	<0.50	<0.50	<0.50	<1.0	420						
			W-INT2	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
			W-EFF	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
05/21/10	System running on arrival and departure.														
	4,592,460	1.8													
05/28/10	System running on arrival and departure.														
	4,611,710	1.9													
06/04/10	System running on arrival and departure.														
	4,631,150	1.9													
06/09/10	System running on arrival and departure.														
	4,642,820	1.6													
06/18/10	System running on arrival and departure.														
	4,663,990	2.5	W-INF	650h	<2.5	<2.5	<2.5	<5.0	950	0.629	<70.5	<0.0029	<5.221	0.895	<49.064
			W-INT1	500h	<2.5	<2.5	<2.5	<5.0	760						
			W-INT2	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
			W-EFF	<50	<0.50	<0.50	<0.50	<1.0	<5.0						

TABLE 4
OPERATION AND PERFORMANCE DATA FOR GROUNDWATER PUMP AND TREAT SYSTEM
Former Exxon Service Station 70104
1725 Park Street
Alameda, California

Date	Total Flow (gallons)	Average Flow Rate (gpm)	Sample ID	Laboratory Analytical Results TPHg (µg/l)	B (µg/l)	T (µg/l)	E (µg/l)	X (µg/l)	MTBE (µg/l)	TPHg Removed Per Period (lbs)	TPHg Removed Cumulative (lbs)	Benzene Removed Per Period (lbs)	Benzene Removed Cumulative (lbs)	MTBE Removed Per Period (lbs)	MTBE Removed Cumulative (lbs)
06/23/10	System running on arrival and departure.														
	4,675,290	1.0													
06/30/10	System running on arrival and departure.														
	4,691,220	1.6													
07/07/10	System running on arrival and departure.														
	4,706,210	1.5													
07/14/10	System running on arrival and departure.														
	4,720,680	1.4	W-INF-HT	710h	<2.5	<2.5	<2.5	<5.0	1,000	0.322	<70.8	<0.0012	<5.222	0.461	<49.525
			W-OUT-WC1	450h	<2.5	<2.5	<2.5	<5.0	670						
			W-OUT-WC2	<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						
07/22/10	System running on arrival and departure.														
	4,735,260	1.3													
07/29/10	System running on arrival and departure.														
	4,747,631	1.2													
08/03/10	System running on arrival and departure.														
	4,755,840	1.1													
08/11/10	System running on arrival and departure.														
	4,767,777	1.0	W-INF-HT	670h	<2.5	<2.5	<2.5	<5.0	750	0.271	<71.1	<0.0010	<5.223	0.344	<49.869
			W-OUT-WC1	490 h	<2.5	<2.5	<2.5	<5.0	620						
			W-OUT-WC2	<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						
08/17/10	System running on arrival and departure.														
	4,775,300	0.9													
08/24/10	System running on arrival and departure.														
	4,781,750	0.6													
09/01/10	System running on arrival and departure.														
	4,786,540	0.4													
09/09/10	System running on arrival and departure.														
	4,789,970	0.3	W-INF-HT	980h	<2.5	<2.5	<2.5	<5.0	990	0.153	<71.3	<0.0005	<5.223	0.161	<50.030
			W-OUT-WC1	500h	<2.5	<2.5	<2.5	<5.0	560						
			W-OUT-WC2	<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						
09/14/10	System running on arrival and departure.														
	4,802,950	1.8													
09/16/10	System down on arrival and running on departure.														
	4,810,760	2.7													
09/24/10	System running on arrival and departure.														
	4,828,980	1.6													
10/01/10	System running on arrival and departure.														
	4,846,780	1.8													
10/05/10	System running on arrival and departure.														
	4,856,970	1.8													

TABLE 4
OPERATION AND PERFORMANCE DATA FOR GROUNDWATER PUMP AND TREAT SYSTEM
Former Exxon Service Station 70104
1725 Park Street
Alameda, California

Date	Total Flow (gallons)	Average Flow Rate (gpm)	Sample ID	Laboratory Analytical Results						TPHg Removed		Benzene Removed		MTBE Removed	
				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)
10/15/10	System running on arrival and departure.														
	4,882,060	1.7													
10/25/10	System down on arrival and running on departure.														
	4,903,760	1.5	W-INF-HT	520	<2.5	<2.5	<2.5	<5.0	830	0.712	<72.0	<0.0024	<5.226	0.864	<50.894
			W-OUT-WC1	350	<2.5	<2.5	<2.5	<5.0	600						
			W-OUT-WC2	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
			W-PSP-1	<50	<0.50	<0.50	<0.50	<1.0	25						
11/04/10	System running on arrival and departure.														
	4,929,030	1.8													
11/16/10	System running on arrival and departure.														
	4,958,840	1.7	W-INF-HT	540h	<2.5	<2.5	<2.5	<5.0	680	0.244	<72.2	<0.0011	<5.227	0.347	<51.241
			W-OUT-WC1	430h	<2.5	<2.5	<2.5	<5.0	580						
			W-OUT-WC2	<50	<0.50	<0.50	<0.50	<1.0	7.4						
			W-PSP-1	<50	<0.50	<0.50	<0.50	<1.0	<5.0						
11/30/10	System down on arrival and running on departure.														
	4,969,830	0.5													
12/14/10	System running on arrival and departure.														
	5,009,510	2.0													
12/28/10	System running on arrival and shut down on departure.														
	5,044,070	1.7	W-INF-HT	360h	<1.0	<1.0	<1.0	<2.0	650	0.320	<72.5	<0.0012	<5.228	0.473	<51.714
			W-OUT-WC1	340h	<0.50	<0.50	<0.50	<1.0	440						
			W-OUT-WC2	<50	<0.50	<0.50	<0.50	<1.0	83						
			W-PSP-1	<50	<0.50	<0.50	<0.50	<1.0	<5.0						

TABLE 4
OPERATION AND PERFORMANCE DATA FOR GROUNDWATER PUMP AND TREAT SYSTEM
Former Exxon Service Station 70104
1725 Park Street
Alameda, California

Notes:		* If value is below laboratory detection limit, then detection limit value is used for removal calculations.
		Data prior to April 1, 2000, provided by Delta Environmental Consultants, Inc.
W- INF/W-INF-HT	=	Water sample collected at the influent sample port.
W-INT1/WC-OUT-WC	=	Water sample collected at the intermediate 1 sample port.
W-INT2/WC-OUT-WC	=	Water sample collected at the intermediate 2 sample port.
W-EFF/W-PSP#1	=	Water sample collected at the effluent sample port. Also referred to as PSP#1 for reporting purposes.
TPHg	=	Total petroleum hydrocarbons as gasoline analyzed using EPA Method 5030/8015 (modified)/8015B or LUFT GCMS.
BTEX	=	Benzene, toluene, ethylbenzene, and total xylenes analyzed using EPA Method 5030/8021B or 624.
MTBE	=	Methyl tertiary butyl ether analyzed using EPA Method 8020/8021B.
gal	=	Gallons.
gpm	=	Gallons per day.
µg/L	=	Micrograms per liter.
lbs	=	Pounds.
<	=	Less than the stated laboratory method reporting limit.
---	=	Not sampled/Not analyzed/Not recorded/Not measured/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.
g	=	Analyte presence was not confirmed by second column or GC/MS analysis.
h	=	The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard.

APPENDIX A

GROUNDWATER SAMPLING PROTOCOL

GROUNDWATER SAMPLING PROTOCOL

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

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

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

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

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

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

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

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

APPENDIX B

LABORATORY ANALYTICAL REPORTS AND CHAIN-OF-CUSTODY RECORDS

Calscience
Environmental
Laboratories, Inc.

December 06, 2010

RECEIVED
DEC 0 9 2010
BY:_____

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

Subject: **Calscience Work Order No.: 10-11-1700**
Client Reference: ExxonMobil 70104 / 022506

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 11/20/2010 and analyzed in accordance with the attached chain-of-custody.

Calscience Environmental Laboratories certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. 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

Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received: 11/20/10
Work Order No: 10-11-1700
Preparation: EPA 3510C
Method: EPA 8015B (M)

Project: ExxonMobil 70104 / 022506

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-12-MW1	**10-11-1700-2-H**	**11/18/10 13:15**	**Aqueous**	**GC 27**	**11/23/10**	**11/24/10 15:08**	**101123B14**

Comment(s): -The sample extract was subjected to Silica Gel treatment prior to analysis.

Parameter	Result	RL	DF	Qual	Units
TPH as Diesel	ND	50	1	U	ug/L

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	104	68-140	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-12-MW2	**10-11-1700-3-H**	**11/18/10 12:15**	**Aqueous**	**GC 27**	**11/23/10**	**11/24/10 15:25**	**101123B14**

Comment(s): -The sample extract was subjected to Silica Gel treatment prior to analysis.

Parameter	Result	RL	DF	Qual	Units
TPH as Diesel	ND	50	1	U	ug/L

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	95	68-140	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-7-MW3	**10-11-1700-4-H**	**11/18/10 11:40**	**Aqueous**	**GC 27**	**11/23/10**	**11/24/10 15:43**	**101123B14**

Comment(s): -The sample extract was subjected to Silica Gel treatment prior to analysis.

Parameter	Result	RL	DF	Qual	Units
TPH as Diesel	98	50	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	101	68-140	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-8-MW4	**10-11-1700-5-H**	**11/18/10 10:40**	**Aqueous**	**GC 27**	**11/23/10**	**11/24/10 16:01**	**101123B14**

Comment(s): -The sample extract was subjected to Silica Gel treatment prior to analysis.

Parameter	Result	RL	DF	Qual	Units
TPH as Diesel	320	50	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	113	68-140	

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Environmental Resolutions, Inc.		Date Received:	11/20/10
601 North McDowell Blvd.		Work Order No:	10-11-1700
Petaluma, CA 94954-2312		Preparation:	EPA 3510C
		Method:	EPA 8015B (M)

Project: ExxonMobil 70104 / 022506

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-9-MW5	**10-11-1700-6-H**	**11/18/10 12:40**	**Aqueous**	**GC 27**	**11/23/10**	**11/24/10 16:18**	**101123B14**

Comment(s): -The sample extract was subjected to Silica Gel treatment prior to analysis.

Parameter	Result	RL	DF	Qual	Units
TPH as Diesel	1000	50	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	109	68-140	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-7-MW6	**10-11-1700-7-H**	**11/18/10 11:25**	**Aqueous**	**GC 27**	**11/23/10**	**11/24/10 16:36**	**101123B14**

Comment(s): -The sample extract was subjected to Silica Gel treatment prior to analysis.

Parameter	Result	RL	DF	Qual	Units
TPH as Diesel	74	50	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	96	68-140	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-6-MW7	**10-11-1700-8-H**	**11/18/10 11:32**	**Aqueous**	**GC 27**	**11/23/10**	**11/24/10 16:54**	**101123B14**

Comment(s): -The sample extract was subjected to Silica Gel treatment prior to analysis.

Parameter	Result	RL	DF	Qual	Units
TPH as Diesel	ND	50	1	U	ug/L

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	97	68-140	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-8-MW8	**10-11-1700-9-H**	**11/18/10 08:11**	**Aqueous**	**GC 27**	**11/23/10**	**11/24/10 17:12**	**101123B14**

Comment(s): -The sample extract was subjected to Silica Gel treatment prior to analysis.

Parameter	Result	RL	DF	Qual	Units
TPH as Diesel	ND	50	1	U	ug/L

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	104	68-140	

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Environmental Resolutions, Inc.		Date Received:	11/20/10
601 North McDowell Blvd.		Work Order No:	10-11-1700
Petaluma, CA 94954-2312		Preparation:	EPA 3510C
		Method:	EPA 8015B (M)

Project: ExxonMobil 70104 / 022506

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-8-MW9	**10-11-1700-10-H**	**11/18/10 08:40**	**Aqueous**	**GC 27**	**11/23/10**	**11/24/10 17:29**	**101123B14**

Comment(s): -The sample extract was subjected to Silica Gel treatment prior to analysis.

Parameter	Result	RL	DF	Qual	Units
TPH as Diesel	ND	50	1	U	ug/L

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	101	68-140	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-7-MW11	**10-11-1700-11-H**	**11/18/10 10:15**	**Aqueous**	**GC 27**	**11/23/10**	**11/24/10 17:47**	**101123B14**

Comment(s): -The sample extract was subjected to Silica Gel treatment prior to analysis.

Parameter	Result	RL	DF	Qual	Units
TPH as Diesel	2800	50	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	90	68-140	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-330-1,726**	**N/A**	**Aqueous**	**GC 27**	**11/23/10**	**11/24/10 14:14**	**101123B14**

Parameter	Result	RL	DF	Qual	Units
TPH as Diesel	ND	50	1	U	ug/L

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	101	68-140	

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Environmental Resolutions, Inc.		Date Received:	11/20/10
601 North McDowell Blvd.		Work Order No:	10-11-1700
Petaluma, CA 94954-2312		Preparation:	EPA 5030C
		Method:	EPA 8015B (M)

Project: ExxonMobil 70104 / 022506

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-12-MW1	**10-11-1700-2-F**	**11/18/10 13:15**	**Aqueous**	**GC 29**	**11/23/10**	**11/23/10 15:04**	**101122B02**

Comment(s): -The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	92	50	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	80	38-134	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-12-MW2	**10-11-1700-3-F**	**11/18/10 12:15**	**Aqueous**	**GC 29**	**11/23/10**	**11/23/10 15:39**	**101122B02**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	50	1	U	ug/L

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	80	38-134	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-7-MW3	**10-11-1700-4-F**	**11/18/10 11:40**	**Aqueous**	**GC 29**	**11/23/10**	**11/23/10 16:14**	**101122B02**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	500	50	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	90	38-134	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-8-MW4	**10-11-1700-5-F**	**11/18/10 10:40**	**Aqueous**	**GC 29**	**11/23/10**	**11/23/10 16:49**	**101122B02**

Comment(s): -The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	440	50	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	97	38-134	

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Environmental Resolutions, Inc.		Date Received:	11/20/10
601 North McDowell Blvd.		Work Order No:	10-11-1700
Petaluma, CA 94954-2312		Preparation:	EPA 5030C
		Method:	EPA 8015B (M)

Project: ExxonMobil 70104 / 022506

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-9-MW5	**10-11-1700-6-F**	**11/18/10 12:40**	**Aqueous**	**GC 29**	**11/23/10**	**11/23/10 17:24**	**101122B02**

Comment(s): -The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	3100	250	5		ug/L

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	92	38-134	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-7-MW6	**10-11-1700-7-F**	**11/18/10 11:25**	**Aqueous**	**GC 29**	**11/23/10**	**11/23/10 18:23**	**101122B02**

Comment(s): -The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	170	50	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	83	38-134	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-6-MW7	**10-11-1700-8-F**	**11/18/10 11:32**	**Aqueous**	**GC 29**	**11/23/10**	**11/23/10 18:58**	**101122B02**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	50	1	U	ug/L

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	78	38-134	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-8-MW8	**10-11-1700-9-F**	**11/18/10 08:11**	**Aqueous**	**GC 29**	**11/23/10**	**11/23/10 19:33**	**101122B02**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	50	1	U	ug/L

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	80	38-134	

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Environmental Resolutions, Inc.		Date Received:	11/20/10
601 North McDowell Blvd.		Work Order No:	10-11-1700
Petaluma, CA 94954-2312		Preparation:	EPA 5030C
		Method:	EPA 8015B (M)

Project: ExxonMobil 70104 / 022506

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-8-MW9	**10-11-1700-10-E**	**11/18/10 08:40**	**Aqueous**	**GC 18**	**11/24/10**	**11/24/10 19:10**	**101124B01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	50	1	U	ug/L

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	89	38-134	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-7-MW11	**10-11-1700-11-F**	**11/18/10 10:15**	**Aqueous**	**GC 29**	**11/23/10**	**11/23/10 20:50**	**101122B02**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	12000	250	5		ug/L

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	104	38-134	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-436-5,550**	**N/A**	**Aqueous**	**GC 29**	**11/22/10**	**11/23/10 04:38**	**101122B02**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	50	1	U	ug/L

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	79	38-134	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-436-5,564**	**N/A**	**Aqueous**	**GC 18**	**11/24/10**	**11/24/10 16:02**	**101124B01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	50	1	U	ug/L

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	90	38-134	

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Environmental Resolutions, Inc.	Date Received:	11/20/10
601 North McDowell Blvd.	Work Order No:	10-11-1700
Petaluma, CA 94954-2312	Preparation:	EPA 5030C
	Method:	EPA 8021B
	Units:	ug/L

Project: ExxonMobil 70104 / 022506

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-12-MW1	**10-11-1700-2-D**	**11/18/10 13:15**	**Aqueous**	**GC 21**	**11/22/10**	**11/22/10 19:35**	**101123B01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1	U	Ethylbenzene	ND	0.50	1	U
Toluene	ND	0.50	1	U	Xylenes (total)	ND	1.0	1	U
Surrogates:	REC (%)	Control Limits		Qual					
1,4-Bromofluorobenzene	104	70-130							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-12-MW2	**10-11-1700-3-D**	**11/18/10 12:15**	**Aqueous**	**GC 21**	**11/22/10**	**11/22/10 20:11**	**101123B01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1	U	Ethylbenzene	ND	0.50	1	U
Toluene	ND	0.50	1	U	Xylenes (total)	ND	1.0	1	U
Surrogates:	REC (%)	Control Limits		Qual					
1,4-Bromofluorobenzene	101	70-130							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-7-MW3	**10-11-1700-4-D**	**11/18/10 11:40**	**Aqueous**	**GC 21**	**11/22/10**	**11/22/10 20:46**	**101123B01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	19	0.50	1		Ethylbenzene	0.92	0.50	1	
Toluene	0.53	0.50	1	Z	Xylenes (total)	ND	1.0	1	U
Surrogates:	REC (%)	Control Limits		Qual					
1,4-Bromofluorobenzene	109	70-130							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-8-MW4	**10-11-1700-5-D**	**11/18/10 10:40**	**Aqueous**	**GC 21**	**11/22/10**	**11/22/10 21:22**	**101123B01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	8.1	0.50	1		Ethylbenzene	1.8	0.50	1	
Toluene	0.74	0.50	1		Xylenes (total)	1.9	1.0	1	
Surrogates:	REC (%)	Control Limits		Qual					
1,4-Bromofluorobenzene	114	70-130							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-9-MW5	**10-11-1700-6-D**	**11/18/10 12:40**	**Aqueous**	**GC 21**	**11/22/10**	**11/22/10 21:57**	**101123B01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	180	0.50	1		Ethylbenzene	8.7	0.50	1	
Toluene	11	0.50	1		Xylenes (total)	16	1.0	1	
Surrogates:	REC (%)	Control Limits		Qual					
1,4-Bromofluorobenzene	139	70-130		2					

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

Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received: 11/20/10
Work Order No: 10-11-1700
Preparation: EPA 5030C
Method: EPA 8021B
Units: ug/L

Project: ExxonMobil 70104 / 022506

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-7-MW6	**10-11-1700-7-D**	**11/18/10 11:25**	**Aqueous**	**GC 21**	**11/22/10**	**11/22/10 22:33**	**101123B01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	0.68	0.50	1	Z	Ethylbenzene	ND	0.50	1	U
Toluene	ND	0.50	1	U	Xylenes (total)	ND	1.0	1	U
Surrogates:	REC (%)	Control Limits	Qual						
1,4-Bromofluorobenzene	102	70-130							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-6-MW7	**10-11-1700-8-D**	**11/18/10 11:32**	**Aqueous**	**GC 21**	**11/22/10**	**11/22/10 23:08**	**101123B01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1	U	Ethylbenzene	ND	0.50	1	U
Toluene	ND	0.50	1	U	Xylenes (total)	ND	1.0	1	U
Surrogates:	REC (%)	Control Limits	Qual						
1,4-Bromofluorobenzene	100	70-130							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-8-MW8	**10-11-1700-9-D**	**11/18/10 08:11**	**Aqueous**	**GC 21**	**11/22/10**	**11/23/10 00:56**	**101123B01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1	U	Ethylbenzene	ND	0.50	1	U
Toluene	ND	0.50	1	U	Xylenes (total)	ND	1.0	1	U
Surrogates:	REC (%)	Control Limits	Qual						
1,4-Bromofluorobenzene	97	70-130							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-8-MW9	**10-11-1700-10-D**	**11/18/10 08:40**	**Aqueous**	**GC 21**	**11/22/10**	**11/23/10 01:31**	**101123B01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1	U	Ethylbenzene	ND	0.50	1	U
Toluene	ND	0.50	1	U	Xylenes (total)	ND	1.0	1	U
Surrogates:	REC (%)	Control Limits	Qual						
1,4-Bromofluorobenzene	96	70-130							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-7-MW11	**10-11-1700-11-D**	**11/18/10 10:15**	**Aqueous**	**GC 21**	**11/22/10**	**11/23/10 02:08**	**101123B01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	250	0.50	1		Ethylbenzene	320	0.50	1	
Toluene	49	0.50	1		Xylenes (total)	770	1.0	1	
Surrogates:	REC (%)	Control Limits	Qual						
1,4-Bromofluorobenzene	163	70-130		2					

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Environmental Resolutions, Inc.	Date Received:	11/20/10
601 North McDowell Blvd.	Work Order No:	10-11-1700
Petaluma, CA 94954-2312	Preparation:	EPA 5030C
	Method:	EPA 8021B
	Units:	ug/L

Project: ExxonMobil 70104 / 022506

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-667-980**	**N/A**	**Aqueous**	**GC 21**	**11/23/10**	**11/23/10 14:09**	**101123B01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1	U	Ethylbenzene	ND	0.50	1	U
Toluene	ND	0.50	1	U	Xylenes (total)	ND	1.0	1	U

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	100	70-130	

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Environmental Resolutions, Inc.	Date Received:	11/20/10
601 North McDowell Blvd.	Work Order No:	10-11-1700
Petaluma, CA 94954-2312	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L

Project: ExxonMobil 70104 / 022506

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-12-MW2	**10-11-1700-3-B**	**11/18/10 12:15**	**Aqueous**	**GC/MS BB**	**11/27/10**	**11/28/10 00:21**	**101127L03**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Methyl-t-Butyl Ether (MTBE)	0.58	0.50	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.50	1	U
Tert-Butyl Alcohol (TBA)	27	5.0	1		Ethanol	ND	50	1	U
Diisopropyl Ether (DIPE)	ND	0.50	1	U	1,2-Dibromoethane	ND	0.50	1	U
Ethyl-t-Butyl Ether (ETBE)	ND	0.50	1	U	1,2-Dichloroethane	ND	0.50	1	U
Surrogates:	REC (%)	Control Limits	Qual		Surrogates:	REC (%)	Control Limits	Qual	
1,2-Dichloroethane-d4	101	80-128			1,4-Bromofluorobenzene	99	68-120		
Dibromofluoromethane	103	80-127			Toluene-d8	100	80-120		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-7-MW3	**10-11-1700-4-B**	**11/18/10 11:40**	**Aqueous**	**GC/MS BB**	**11/27/10**	**11/28/10 00:49**	**101127L03**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Methyl-t-Butyl Ether (MTBE)	4.9	0.50	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.50	1	U
Tert-Butyl Alcohol (TBA)	43	5.0	1		Ethanol	ND	50	1	U
Diisopropyl Ether (DIPE)	ND	0.50	1	U	1,2-Dibromoethane	ND	0.50	1	U
Ethyl-t-Butyl Ether (ETBE)	ND	0.50	1	U	1,2-Dichloroethane	ND	0.50	1	U
Surrogates:	REC (%)	Control Limits	Qual		Surrogates:	REC (%)	Control Limits	Qual	
1,2-Dichloroethane-d4	95	80-128			1,4-Bromofluorobenzene	99	68-120		
Dibromofluoromethane	99	80-127			Toluene-d8	100	80-120		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-8-MW4	**10-11-1700-5-A**	**11/18/10 10:40**	**Aqueous**	**GC/MS BB**	**11/23/10**	**11/24/10 07:32**	**101123L03**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Methyl-t-Butyl Ether (MTBE)	0.77	0.50	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.50	1	U
Tert-Butyl Alcohol (TBA)	33	5.0	1		Ethanol	ND	50	1	U
Diisopropyl Ether (DIPE)	ND	0.50	1	U	1,2-Dibromoethane	ND	0.50	1	U
Ethyl-t-Butyl Ether (ETBE)	ND	0.50	1	U	1,2-Dichloroethane	ND	0.50	1	U
Surrogates:	REC (%)	Control Limits	Qual		Surrogates:	REC (%)	Control Limits	Qual	
1,2-Dichloroethane-d4	100	80-128			1,4-Bromofluorobenzene	100	68-120		
Dibromofluoromethane	98	80-127			Toluene-d8	99	80-120		

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Environmental Resolutions, Inc.	Date Received:	11/20/10
601 North McDowell Blvd.	Work Order No:	10-11-1700
Petaluma, CA 94954-2312	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L

Project: ExxonMobil 70104 / 022506

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-9-MW5	**10-11-1700-6-B**	**11/18/10 12:40**	**Aqueous**	**GC/MS BB**	**11/27/10**	**11/28/10 01:17**	**101127L03**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Methyl-t-Butyl Ether (MTBE)	8.9	5.0	10		Tert-Amyl-Methyl Ether (TAME)	ND	5.0	10	U
Tert-Butyl Alcohol (TBA)	ND	50	10	U	Ethanol	ND	500	10	U
Diisopropyl Ether (DIPE)	ND	5.0	10	U	1,2-Dibromoethane	ND	5.0	10	U
Ethyl-t-Butyl Ether (ETBE)	ND	5.0	10	U	1,2-Dichloroethane	ND	5.0	10	U
Surrogates:	REC (%)	Control Limits	Qual		Surrogates:	REC (%)	Control Limits	Qual	
1,2-Dichloroethane-d4	97	80-128			1,4-Bromofluorobenzene	100	68-120		
Dibromofluoromethane	100	80-127			Toluene-d8	99	80-120		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-7-MW6	**10-11-1700-7-A**	**11/18/10 11:25**	**Aqueous**	**GC/MS BB**	**11/23/10**	**11/24/10 08:29**	**101123L03**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Methyl-t-Butyl Ether (MTBE)	0.52	0.50	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.50	1	U
Tert-Butyl Alcohol (TBA)	53	5.0	1		Ethanol	ND	50	1	U
Diisopropyl Ether (DIPE)	ND	0.50	1	U	1,2-Dibromoethane	ND	0.50	1	U
Ethyl-t-Butyl Ether (ETBE)	ND	0.50	1	U	1,2-Dichloroethane	ND	0.50	1	U
Surrogates:	REC (%)	Control Limits	Qual		Surrogates:	REC (%)	Control Limits	Qual	
1,2-Dichloroethane-d4	101	80-128			1,4-Bromofluorobenzene	101	68-120		
Dibromofluoromethane	96	80-127			Toluene-d8	99	80-120		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-6-MW7	**10-11-1700-8-A**	**11/18/10 11:32**	**Aqueous**	**GC/MS BB**	**11/23/10**	**11/24/10 08:58**	**101123L03**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Methyl-t-Butyl Ether (MTBE)	1.3	0.50	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.50	1	U
Tert-Butyl Alcohol (TBA)	ND	5.0	1	U	Ethanol	ND	50	1	U
Diisopropyl Ether (DIPE)	ND	0.50	1	U	1,2-Dibromoethane	ND	0.50	1	U
Ethyl-t-Butyl Ether (ETBE)	ND	0.50	1	U	1,2-Dichloroethane	ND	0.50	1	U
Surrogates:	REC (%)	Control Limits	Qual		Surrogates:	REC (%)	Control Limits	Qual	
1,2-Dichloroethane-d4	102	80-128			1,4-Bromofluorobenzene	98	68-120		
Dibromofluoromethane	96	80-127			Toluene-d8	98	80-120		

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Environmental Resolutions, Inc.	Date Received:	11/20/10
601 North McDowell Blvd.	Work Order No:	10-11-1700
Petaluma, CA 94954-2312	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L

Project: ExxonMobil 70104 / 022506

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-880-510**	**N/A**	**Aqueous**	**GC/MS BB**	**11/23/10**	**11/24/10 01:23**	**101123L03**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Methyl-t-Butyl Ether (MTBE)	ND	0.50	1	U	Tert-Amyl-Methyl Ether (TAME)	ND	0.50	1	U
Tert-Butyl Alcohol (TBA)	ND	5.0	1	U	Ethanol	ND	50	1	U
Diisopropyl Ether (DIPE)	ND	0.50	1	U	1,2-Dibromoethane	ND	0.50	1	U
Ethyl-t-Butyl Ether (ETBE)	ND	0.50	1	U	1,2-Dichloroethane	ND	0.50	1	U
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,2-Dichloroethane-d4	104	80-128			1,4-Bromofluorobenzene	98	68-120		
Dibromofluoromethane	104	80-127			Toluene-d8	99	80-120		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-880-511**	**N/A**	**Aqueous**	**GC/MS BB**	**11/27/10**	**11/27/10 23:24**	**101127L03**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Methyl-t-Butyl Ether (MTBE)	ND	0.50	1	U	Tert-Amyl-Methyl Ether (TAME)	ND	0.50	1	U
Tert-Butyl Alcohol (TBA)	ND	5.0	1	U	Ethanol	ND	50	1	U
Diisopropyl Ether (DIPE)	ND	0.50	1	U	1,2-Dibromoethane	ND	0.50	1	U
Ethyl-t-Butyl Ether (ETBE)	ND	0.50	1	U	1,2-Dichloroethane	ND	0.50	1	U
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,2-Dichloroethane-d4	99	80-128			1,4-Bromofluorobenzene	98	68-120		
Dibromofluoromethane	101	80-127			Toluene-d8	100	80-120		

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Environmental Resolutions, Inc.	Date Received:	11/20/10
601 North McDowell Blvd.	Work Order No:	10-11-1700
Petaluma, CA 94954-2312	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L

Project: ExxonMobil 70104 / 022506

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-12-MW1	**10-11-1700-2-A**	**11/18/10 13:15**	**Aqueous**	**GC/MS BB**	**11/23/10**	**11/24/10 06:07**	**101123L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Methyl-t-Butyl Ether (MTBE)	310	5.0	10		Tert-Amyl-Methyl Ether (TAME)	ND	0.50	1	U
Tert-Butyl Alcohol (TBA)	490	50	10		1,2-Dibromoethane	ND	0.50	1	U
Diisopropyl Ether (DIPE)	ND	0.50	1	U	1,2-Dichloroethane	ND	0.50	1	U
Ethyl-t-Butyl Ether (ETBE)	ND	0.50	1	U					
Surrogates:	REC (%)	Control Limits	Qual		Surrogates:	REC (%)	Control Limits	Qual	
1,4-Bromofluorobenzene	100	68-120			1,2-Dichloroethane-d4	97	80-128		
Dibromofluoromethane	96	80-127			Toluene-d8	99	80-120		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-8-MW8	**10-11-1700-9-B**	**11/18/10 08:11**	**Aqueous**	**GC/MS BB**	**11/27/10**	**11/28/10 01:45**	**101127L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Methyl-t-Butyl Ether (MTBE)	ND	0.50	1	U	Tert-Amyl-Methyl Ether (TAME)	ND	0.50	1	U
Tert-Butyl Alcohol (TBA)	ND	5.0	1	U	1,2-Dibromoethane	ND	0.50	1	U
Diisopropyl Ether (DIPE)	ND	0.50	1	U	1,2-Dichloroethane	ND	0.50	1	U
Ethyl-t-Butyl Ether (ETBE)	ND	0.50	1	U					
Surrogates:	REC (%)	Control Limits	Qual		Surrogates:	REC (%)	Control Limits	Qual	
1,4-Bromofluorobenzene	98	68-120			1,2-Dichloroethane-d4	102	80-128		
Dibromofluoromethane	103	80-127			Toluene-d8	99	80-120		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-8-MW9	**10-11-1700-10-B**	**11/18/10 08:40**	**Aqueous**	**GC/MS BB**	**11/27/10**	**11/28/10 02:14**	**101127L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Methyl-t-Butyl Ether (MTBE)	ND	0.50	1	U	Tert-Amyl-Methyl Ether (TAME)	ND	0.50	1	U
Tert-Butyl Alcohol (TBA)	ND	5.0	1	U	1,2-Dibromoethane	ND	0.50	1	U
Diisopropyl Ether (DIPE)	ND	0.50	1	U	1,2-Dichloroethane	ND	0.50	1	U
Ethyl-t-Butyl Ether (ETBE)	ND	0.50	1	U					
Surrogates:	REC (%)	Control Limits	Qual		Surrogates:	REC (%)	Control Limits	Qual	
Toluene-d8	99	80-120			Dibromofluoromethane	102	80-127		
1,4-Bromofluorobenzene	98	68-120			1,2-Dichloroethane-d4	102	80-128		

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Environmental Resolutions, Inc.	Date Received:	11/20/10
601 North McDowell Blvd.	Work Order No:	10-11-1700
Petaluma, CA 94954-2312	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L

Project: ExxonMobil 70104 / 022506

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-7-MW11	**10-11-1700-11-B**	**11/18/10 10:15**	**Aqueous**	**GC/MS BB**	**11/27/10**	**11/28/10 02:43**	**101127L02**

Comment(s): -The reporting limits are elevated due to high levels of non-target compounds.

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Methyl-t-Butyl Ether (MTBE)	ND	10	20	U	Tert-Amyl-Methyl Ether (TAME)	ND	10	20	U
Tert-Butyl Alcohol (TBA)	ND	100	20	U	1,2-Dibromoethane	ND	10	20	U
Diisopropyl Ether (DIPE)	ND	10	20	U	1,2-Dichloroethane	ND	10	20	U
Ethyl-t-Butyl Ether (ETBE)	ND	10	20	U					
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Toluene-d8	100	80-120			Dibromofluoromethane	102	80-127		
1,4-Bromofluorobenzene	99	68-120			1,2-Dichloroethane-d4	99	80-128		

Method Blank	099-12-884-481	N/A	Aqueous	GC/MS BB	11/23/10	11/24/10 01:23	101123L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Methyl-t-Butyl Ether (MTBE)	ND	0.50	1	U	Tert-Amyl-Methyl Ether (TAME)	ND	0.50	1	U
Tert-Butyl Alcohol (TBA)	ND	5.0	1	U	1,2-Dibromoethane	ND	0.50	1	U
Diisopropyl Ether (DIPE)	ND	0.50	1	U	1,2-Dichloroethane	ND	0.50	1	U
Ethyl-t-Butyl Ether (ETBE)	ND	0.50	1	U					
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,2-Dichloroethane-d4	104	80-128			Toluene-d8	99	80-120		
Dibromofluoromethane	104	80-127			1,4-Bromofluorobenzene	98	68-120		

Method Blank	099-12-884-482	N/A	Aqueous	GC/MS BB	11/27/10	11/27/10 23:24	101127L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Methyl-t-Butyl Ether (MTBE)	ND	0.50	1	U	Tert-Amyl-Methyl Ether (TAME)	ND	0.50	1	U
Tert-Butyl Alcohol (TBA)	ND	5.0	1	U	1,2-Dibromoethane	ND	0.50	1	U
Diisopropyl Ether (DIPE)	ND	0.50	1	U	1,2-Dichloroethane	ND	0.50	1	U
Ethyl-t-Butyl Ether (ETBE)	ND	0.50	1	U					
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Toluene-d8	100	80-120			Dibromofluoromethane	101	80-127		
1,4-Bromofluorobenzene	98	68-120			1,2-Dichloroethane-d4	99	80-128		

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

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

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

Date Received: 11/20/10
Work Order No: 10-11-1700
Preparation: EPA 5030C
Method: EPA 8015B (M)

Project ExxonMobil 70104 / 022506

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
10-11-1684-21	**Aqueous**	**GC 29**	**11/22/10**	**11/23/10**	**101122S02**

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

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

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

Date Received: 11/20/10
Work Order No: 10-11-1700
Preparation: EPA 5030C
Method: EPA 8015B (M)

Project ExxonMobil 70104 / 022506

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
W-8-MW9	**Aqueous**	**GC 18**	**11/24/10**	**11/24/10**	**101124S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	88	91	68-122	3	0-18	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Environmental Resolutions, Inc.	Date Received: 11/20/10
601 North McDowell Blvd.	Work Order No: 10-11-1700
Petaluma, CA 94954-2312	Preparation: EPA 5030C
	Method: EPA 8021B

Project ExxonMobil 70104 / 022506

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
10-11-1479-1	**Aqueous**	**GC 21**	**11/22/10**	**11/22/10**	**101122B01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	105	105	57-129	0	0-23	
Toluene	100	100	50-134	1	0-26	
Ethylbenzene	100	100	58-130	0	0-26	
Xylenes (total)	101	101	57-123	0	0-26	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

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

Date Received: 11/20/10
Work Order No: 10-11-1700
Preparation: EPA 5030C
Method: EPA 8260B

Project ExxonMobil 70104 / 022506

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
10-11-1612-3	**Aqueous**	**GC/MS BB**	**11/23/10**	**11/24/10**	**101123S02**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	100	103	76-124	3	0-20	
Toluene	103	102	80-120	1	0-20	
Ethylbenzene	102	101	78-126	1	0-20	
Methyl-t-Butyl Ether (MTBE)	101	101	67-121	0	0-49	
Tert-Butyl Alcohol (TBA)	98	113	36-162	10	0-30	
Diisopropyl Ether (DIPE)	101	101	60-138	0	0-45	
Ethyl-t-Butyl Ether (ETBE)	98	99	69-123	1	0-30	
Tert-Amyl-Methyl Ether (TAME)	100	100	65-120	0	0-20	
Ethanol	87	104	30-180	19	0-72	
1,1-Dichloroethene	93	94	73-127	1	0-20	
1,2-Dibromoethane	102	103	80-120	1	0-20	
1,2-Dichlorobenzene	98	99	80-120	1	0-20	
1,2-Dichloroethane	106	105	80-120	1	0-20	
Carbon Tetrachloride	99	100	74-134	1	0-20	
Chlorobenzene	100	99	80-120	1	0-20	
Trichloroethene	95	95	77-120	1	0-20	
Vinyl Chloride	107	106	72-126	1	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

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

Date Received: 11/20/10
Work Order No: 10-11-1700
Preparation: EPA 5030C
Method: EPA 8260B

Project ExxonMobil 70104 / 022506

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
10-11-1912-1	**Aqueous**	**GC/MS BB**	**11/27/10**	**11/28/10**	**101127S02**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	97	97	76-124	0	0-20	
Toluene	96	96	80-120	1	0-20	
Ethylbenzene	98	98	78-126	0	0-20	
Methyl-t-Butyl Ether (MTBE)	101	104	67-121	4	0-49	
Tert-Butyl Alcohol (TBA)	108	121	36-162	12	0-30	
Diisopropyl Ether (DIPE)	97	99	60-138	1	0-45	
Ethyl-t-Butyl Ether (ETBE)	96	98	69-123	2	0-30	
Tert-Amyl-Methyl Ether (TAME)	98	101	65-120	3	0-20	
Ethanol	99	103	30-180	3	0-72	
1,1-Dichloroethene	87	88	73-127	1	0-20	
1,2-Dibromoethane	99	102	80-120	3	0-20	
1,2-Dichlorobenzene	94	96	80-120	2	0-20	
1,2-Dichloroethane	99	101	80-120	2	0-20	
Carbon Tetrachloride	94	96	74-134	2	0-20	
Chlorobenzene	97	97	80-120	0	0-20	
Trichloroethene	91	91	77-120	0	0-20	
Vinyl Chloride	95	92	72-126	3	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

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

Date Received: 11/20/10
Work Order No: 10-11-1700
Preparation: EPA 5030C
Method: EPA 8260B

Project ExxonMobil 70104 / 022506

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
10-11-1612-3	**Aqueous**	**GC/MS BB**	**11/23/10**	**11/24/10**	**101123S02**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	100	103	76-124	3	0-20	
Toluene	103	102	80-120	1	0-20	
Ethylbenzene	102	101	78-126	1	0-20	
Methyl-t-Butyl Ether (MTBE)	101	101	67-121	0	0-49	
Tert-Butyl Alcohol (TBA)	98	113	36-162	10	0-30	
Diisopropyl Ether (DIPE)	101	101	60-138	0	0-45	
Ethyl-t-Butyl Ether (ETBE)	98	99	69-123	1	0-30	
Tert-Amyl-Methyl Ether (TAME)	100	100	65-120	0	0-20	
Ethanol	87	104	30-180	19	0-72	
1,2-Dibromoethane	102	103	80-120	1	0-20	
1,2-Dichloroethane	106	105	80-120	1	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Environmental Resolutions, Inc.	Date Received:	N/A
601 North McDowell Blvd.	Work Order No:	10-11-1700
Petaluma, CA 94954-2312	Preparation:	EPA 3510C
	Method:	EPA 8015B (M)

Project: ExxonMobil 70104 / 022506

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-330-1,726	**Aqueous**	**GC 27**	**11/23/10**	**11/24/10**	**101123B14**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Diesel	90	92	75-117	2	0-13	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Environmental Resolutions, Inc.	Date Received:	N/A
601 North McDowell Blvd.	Work Order No:	10-11-1700
Petaluma, CA 94954-2312	Preparation:	EPA 5030C
	Method:	EPA 8015B (M)

Project: ExxonMobil 70104 / 022506

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-436-5,550	**Aqueous**	**GC 29**	**11/22/10**	**11/23/10**	**101122B02**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	108	106	78-120	2	0-10	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Environmental Resolutions, Inc.	Date Received:	N/A
601 North McDowell Blvd.	Work Order No:	10-11-1700
Petaluma, CA 94954-2312	Preparation:	EPA 5030C
	Method:	EPA 8015B (M)

Project: ExxonMobil 70104 / 022506

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-436-5,564	**Aqueous**	**GC 18**	**11/24/10**	**11/24/10**	**101124B01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	91	92	78-120	1	0-10	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Environmental Resolutions, Inc.		Date Received:	N/A
601 North McDowell Blvd.		Work Order No:	10-11-1700
Petaluma, CA 94954-2312		Preparation:	EPA 5030C
		Method:	EPA 8021B

Project: ExxonMobil 70104 / 022506

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-667-980	**Aqueous**	**GC 21**	**11/23/10**	**11/23/10**	**101123B01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	103	105	70-118	2	0-9	
Toluene	99	100	66-114	1	0-9	
Ethylbenzene	99	101	72-114	2	0-9	
Xylenes (total)	99	101	72-114	2	0-9	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Environmental Resolutions, Inc.		Date Received:	N/A
601 North McDowell Blvd.		Work Order No:	10-11-1700
Petaluma, CA 94954-2312		Preparation:	EPA 5030C
		Method:	EPA 8260B

Project: ExxonMobil 70104 / 022506

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-880-510	**Aqueous**	**GC/MS BB**	**11/23/10**	**11/23/10**	**101123L03**

Parameter	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Benzene	100	99	80-120	73-127	1	0-20	
Toluene	99	98	80-120	73-127	1	0-20	
Ethylbenzene	101	100	80-120	73-127	0	0-20	
Methyl-t-Butyl Ether (MTBE)	99	95	69-123	60-132	4	0-20	
Tert-Butyl Alcohol (TBA)	106	101	63-123	53-133	4	0-20	
Diisopropyl Ether (DIPE)	99	96	59-137	46-150	3	0-37	
Ethyl-t-Butyl Ether (ETBE)	97	94	69-123	60-132	3	0-20	
Tert-Amyl-Methyl Ether (TAME)	98	97	70-120	62-128	2	0-20	
Ethanol	100	93	28-160	6-182	7	0-57	
1,1-Dichloroethene	93	90	78-126	70-134	3	0-28	
1,2-Dibromoethane	101	97	79-121	72-128	4	0-20	
1,2-Dichlorobenzene	97	97	80-120	73-127	0	0-20	
1,2-Dichloroethane	101	99	80-120	73-127	2	0-20	
Carbon Tetrachloride	100	97	74-134	64-144	3	0-20	
Chlorobenzene	99	98	80-120	73-127	1	0-20	
Trichloroethene	97	97	79-127	71-135	1	0-20	
Vinyl Chloride	101	102	72-132	62-142	0	0-20	

Total number of LCS compounds : 17
Total number of ME compounds : 0
Total number of ME compounds allowed : 1
LCS ME CL validation result : Pass

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Environmental Resolutions, Inc.		Date Received:	N/A
601 North McDowell Blvd.		Work Order No:	10-11-1700
Petaluma, CA 94954-2312		Preparation:	EPA 5030C
		Method:	EPA 8260B

Project: ExxonMobil 70104 / 022506

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-880-511	**Aqueous**	**GC/MS BB**	**11/27/10**	**11/27/10**	**101127L03**

Parameter	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Benzene	95	94	80-120	73-127	0	0-20	
Toluene	94	94	80-120	73-127	0	0-20	
Ethylbenzene	96	95	80-120	73-127	1	0-20	
Methyl-t-Butyl Ether (MTBE)	93	97	69-123	60-132	5	0-20	
Tert-Butyl Alcohol (TBA)	101	103	63-123	53-133	2	0-20	
Diisopropyl Ether (DIPE)	95	96	59-137	46-150	2	0-37	
Ethyl-t-Butyl Ether (ETBE)	92	96	69-123	60-132	4	0-20	
Tert-Amyl-Methyl Ether (TAME)	94	98	70-120	62-128	4	0-20	
Ethanol	93	91	28-160	6-182	3	0-57	
1,1-Dichloroethene	85	85	78-126	70-134	0	0-28	
1,2-Dibromoethane	92	96	79-121	72-128	4	0-20	
1,2-Dichlorobenzene	93	94	80-120	73-127	1	0-20	
1,2-Dichloroethane	95	96	80-120	73-127	2	0-20	
Carbon Tetrachloride	95	95	74-134	64-144	0	0-20	
Chlorobenzene	94	95	80-120	73-127	0	0-20	
Trichloroethene	89	88	79-127	71-135	1	0-20	
Vinyl Chloride	93	93	72-132	62-142	1	0-20	

Total number of LCS compounds : 17
Total number of ME compounds : 0
Total number of ME compounds allowed : 1
LCS ME CL validation result : Pass

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Environmental Resolutions, Inc.		Date Received:	N/A
601 North McDowell Blvd.		Work Order No:	10-11-1700
Petaluma, CA 94954-2312		Preparation:	EPA 5030C
		Method:	EPA 8260B

Project: ExxonMobil 70104 / 022506

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-884-481	**Aqueous**	**GC/MS BB**	**11/23/10**	**11/23/10**	**101123L02**

Parameter	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Benzene	100	99	80-120	73-127	1	0-20	
Toluene	99	98	80-120	73-127	1	0-20	
Ethylbenzene	101	100	80-120	73-127	0	0-20	
Methyl-t-Butyl Ether (MTBE)	99	95	69-123	60-132	4	0-20	
Tert-Butyl Alcohol (TBA)	106	101	63-123	53-133	4	0-20	
Diisopropyl Ether (DIPE)	99	96	59-137	46-150	3	0-37	
Ethyl-t-Butyl Ether (ETBE)	97	94	69-123	60-132	3	0-20	
Tert-Amyl-Methyl Ether (TAME)	98	97	70-120	62-128	2	0-20	
Ethanol	100	93	28-160	6-182	7	0-57	
1,2-Dibromoethane	101	97	79-121	72-128	4	0-20	
1,2-Dichloroethane	101	99	80-120	73-127	2	0-20	

Total number of LCS compounds : 11
Total number of ME compounds : 0
Total number of ME compounds allowed : 1
LCS ME CL validation result : Pass

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Environmental Resolutions, Inc.	Date Received: N/A
601 North McDowell Blvd.	Work Order No: 10-11-1700
Petaluma, CA 94954-2312	Preparation: EPA 5030C
	Method: EPA 8260B

Project: ExxonMobil 70104 / 022506

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-884-482	**Aqueous**	**GC/MS BB**	**11/27/10**	**11/27/10**	**101127L02**

Parameter	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Benzene	95	94	80-120	73-127	0	0-20	
Toluene	94	94	80-120	73-127	0	0-20	
Ethylbenzene	96	95	80-120	73-127	1	0-20	
Methyl-t-Butyl Ether (MTBE)	93	97	69-123	60-132	5	0-20	
Tert-Butyl Alcohol (TBA)	101	103	63-123	53-133	2	0-20	
Diisopropyl Ether (DIPE)	95	96	59-137	46-150	2	0-37	
Ethyl-t-Butyl Ether (ETBE)	92	96	69-123	60-132	4	0-20	
Tert-Amyl-Methyl Ether (TAME)	94	98	70-120	62-128	4	0-20	
Ethanol	93	91	28-160	6-182	3	0-57	
1,2-Dibromoethane	92	96	79-121	72-128	4	0-20	
1,2-Dichloroethane	95	96	80-120	73-127	2	0-20	

Total number of LCS compounds : 11
Total number of ME compounds : 0
Total number of ME compounds allowed : 1
LCS ME CL validation result : Pass

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 10-11-1700

Qualifier	Definition
*	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 or PES/PESD 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 without further clarification.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
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.
ME	LCS recovery percentage is within LCS ME control limit range.
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.
U	Undetected at detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture.

Calscience Environmental Laboratories, Inc.

7440 Lincoln Way
Garden Grove, CA 92841

Phone: 714-895-5494
Fax: 714-894-7501

ExxonMobil

1700

Consultant Name: Cardno ERI | **Account #:** NA | **PO#:** 4512297203
Consultant Address: 601 N. McDowell Boulevard | **Invoice To:** Jennifer Sedlachek
Consultant City/State/Zip: Petaluma, California, 94954 | **Report To:** Paula Sime
ExxonMobil Project Mgr: Jennifer Sedlachek | **Project Name:** 02 2506 13X
Consultant Project Mgr: Paula Sime | **ExxonMobil Site #:** 70104 | **Major Project (AFE #):**
Consultant Telephone Number: 707-766-2000 | **Fax No.:** 707-789-0414 | **Site Address:** 1725 Park Street
Sampler Name (Print): Danny West | **Site City, State, Zip:** Alameda, California
Sampler Signature: | **Oversight Agency:** Alameda County Environmental Health Department

	Sample ID	Field Point Name	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl	NaOH	H_2SO_4 Plastic	H_2SO_4 Glass	HNO_3	Ice	Other	None	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Air	Other (specify): Distilled Water	Analyze For: TPHg 8015B	BTEX 8021B	OXYGENATES 8260B	ETHANOL 8260B	TPHd 8015B			RUSH TAT (Pre-Schedule)	5-day TAT	Standard 10-day TAT	Due Date of Report
1	BB		11/18	1325	2V						x														x	H	O	L	D						X	
2	W- 12 -MW1	MW1		1315	6V/2A						x								x							x	x	x		x					X	
3	W- 12 -MW2	MW2		1215	6V/2A						x								x							x	x	x	x	x					X	
4	W- 7 -MW3	MW3		1140	6V/2A						x								x							x	x	x	x	x					X	
5	W- 8 -MW4	MW4		1040	6V/2A						x								x							x	x	x	x	x					X	
6	W- 9 -MW5	MW5		1240	6V/2A						x								x							x	x	x	x	x					X	
7	W- 7 -MW6	MW6		1125	6V/2A						x								x							x	x	x	x	x					X	
8	W- 6 -MW7	MW7		1132	6V/2A						x								x							x	x	x	x	x					X	
9	W- 8 -MW8	MW8		811	6V/2A						x								x							x	x	x		x					X	
10	W- 8 -MW9	MW9		840	6V/2A						x								x							x	x	x		x					X	
11	W- 7 -MW11	MW11		1015	6V/2A						x								x							x	x	x		x					X	

Comments/Special Instructions:
PLEASE E-MAIL ALL PDF FILES TO
norcallabs@eri-us.com; ERI-EIMLABS@eri-us.com
GLOBAL ID # T0600100555

7 CA Oxys= MTBE, ETBE, TAME, TBA, EDB, 1,2-DCA, DIPE.
Set TBA detection limit at or below 12 ug/L
Use silica gel cleanup on all TPHd analyses.

Laboratory Comments:
Temperature Upon Receipt:
Sample Containers Intact? Y N
VOCs Free of Headspace? Y N

QC Deliverables (please circle one)
Level 2
Level 3
Level 4
Site Specific - if yes, please attach pre-schedule w/ TestAmerica Project Manager or attach specific instructions

Relinquished by:		Date	Time	Received by:	Date	Time
		11/18	1450	Tom O'Malley CEL	11/19/10	1225
Relinquished by:		Date	Time	Received by (Lab personnel):	Date	Time
to FedEx		11/19/10	1730	CEL	11/20/10	0930

1697 1700

GSO

<WebShip>>>>>

800-322-5555 www.gso.com

Ship From:
ALAN KEMP
CAL SCIENCE- CONCORD
5063 COMMERCIAL CIRCLE #H
CONCORD, CA 94520

Ship To:
SAMPLE RECEIVING
CEL
7440 LINCOLN WAY
GARDEN GROVE, CA 92841

COD:
$0.00

Reference:
ERI, STANTEC, CONOCO PHILLIPS

Delivery Instructions:

Signature Type:
SIGNATURE REQUIRED

Tracking #: 515399006

SDS

ORC

D

GARDEN GROVE

D92843A

86499243

Print Date : 11/19/10 14:47 PM

Package 1 of 1

5

~~16994~~ (1700)

GSO
GOLDEN STATE OVERNIGHT

< WebShip > > > > >
800-322-5555 www.gso.com

Ship From:
ALAN KEMP
CAL SCIENCE- CONCORD
5063 COMMERCIAL CIRCLE #H
CONCORD, CA 94520

Ship To:
SAMPLE RECEIVING
CEL
7440 LINCOLN WAY
GARDEN GROVE, CA 92841

COD:
$0.00

Reference:
ERI, PREMIER ENVIRONMENTAL

Delivery Instructions:

Signature Type:
SIGNATURE REQUIRED

Tracking #: 515399047

SDS

ORC

D

GARDEN GROVE

D92843A

86499293

Print Date : 11/19/10 14:48 PM

Package 1 of 1

Send Label To Printer | ☑ Print All | Edit Shipment | Finish

LABEL INSTRUCTIONS:

Do not copy or reprint this label for additional shipments - each package must have a unique barcode.

STEP 1 - Use the "Send Label to Printer" button on this page to print the shipping label on a laser or inkjet printer.
STEP 2 - Fold this page in half.
STEP 3 - Securely attach this label to your package, do not cover the barcode.
STEP 4 - Request an on-call pickup for your package, if you do not have scheduled daily pickup service or Drop-off your package at the nearest GSO drop box. Locate nearest GSO dropbox locations using this link.

ADDITIONAL OPTIONS:

Send Label Via Email | Create Return Label

TERMS AND CONDITIONS:

By giving us your shipment to deliver, you agree to all the service terms and conditions described in this section.
Our liability for loss or damage to any package is limited to your actual damages or $100 whichever is less, unless you pay for and declare a higher authorized value. If you declare a higher value and pay the additional charge, our liability will be the lesser of your declared value or the actual value of your loss or damage. In any event, we will not be liable for any damage, whether direct, incidental, special or consequential, in excess of the declared value of a shipment whether or not we had knowledge that such damage might be incurred including but not limited to loss of income or profit. We will not be liable for your acts or omissions, including but not limited to improper or insufficient packaging, securing, marking or addressing. Also, we will not be liable if you or the recipient violates any of the terms of our agreement. We will not be liable for loss, damage or delay caused by events we cannot control, including but not limited to acts of God, perils of the air, weather conditions, act of public enemies, war, strikes, or civil commotion. The highest declared value for our GSO Priority Letter or GSO Priority Package is $500. For other shipments the highest declared value is $10,000 unless your package contains items of "extraordinary value", in which case the highest declared value we allow is $500. Items of "extraordinary value" include, but or not limited to, artwork, jewelry, furs, precious metals, tickets, negotiable instruments and other items with intrinsic value.

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 10-11-17[illegible]

SAMPLE RECEIPT FORM

Cooler 1 of 2

CLIENT: Cardo ERI DATE: 11/20/10

TEMPERATURE: Thermometer ID: SC1 (Criteria: 0.0 °C – 6.0 °C, not frozen)

Temperature 2.2 °C + 0.5 °C (CF) = 2.7 °C ☑ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____).

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

☐ Received at ambient temperature, placed on ice for transport by Courier.

Ambient Temperature: ☐ Air ☐ Filter Initial: YL

CUSTODY SEALS INTACT:

☑ Cooler ☐_____ ☐ No (Not Intact) ☐ Not Present ☐ N/A Initial: YL

☐ Sample ☐_____ ☐ No (Not Intact) ☑ Not Present Initial: DT

SAMPLE CONDITION:	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
☐ Collection date/time, matrix, and/or # of containers logged in based on sample labels.			
☐ No analysis requested. ☐ Not relinquished. ☐ No date/time relinquished.			
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and good condition	☑	☐	☐
Proper containers and sufficient volume for analyses requested	☑	☐	☐
Analyses received within holding time	☑	☐	☐
pH / Residual Chlorine / Dissolved Sulfide received within 24 hours	☐	☐	☑
Proper preservation noted on COC or sample container	☑	☐	☐
☐ Unpreserved vials received for Volatiles analysis			
Volatile analysis container(s) free of headspace	☑	☐	☐
Tedlar bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE:

Solid: ☐4ozCGJ ☐8ozCGJ ☐16ozCGJ ☐Sleeve (____) ☐EnCores® ☐TerraCores® ☐_____

Water: ☐VOA ☑VOAh ☐VOAna_2 ☐125AGB ☐125AGBh ☐125AGBp ☐1AGB ☐1AGBna_2 ☐1AGBs ☐500AGB ☑500AGJ ☐500AGJs ☐250AGB ☐250CGB ☐250CGBs ☐1PB ☐500PB ☐500PBna ☐250PB ☐250PBn ☐125PB ☐125PBznna ☐100PJ ☐100PJna_2 ☐_____ ☐_____ ☐_____

Air: ☐Tedlar® ☐Summa® **Other:** ☐_____ **Trip Blank Lot#:** NA **Labeled/Checked by:** DT

Container: C: Clear A: Amber P: Plastic G: Glass J: Jar B: Bottle Z: Ziploc/Resealable Bag E: Envelope **Reviewed by:** [illegible]

Preservative: h: HCL n: HNO_3 na_2:$Na_2S_2O_3$ na: NaOH p: H_3PO_4 s: H_2SO_4 znna: $ZnAc_2$+NaOH f: Field-filtered **Scanned by:** [illegible]

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 10-11-1760

SAMPLE RECEIPT FORM

Cooler 2 of 2

CLIENT: Cardo ERI DATE: 11/20/10

TEMPERATURE: Thermometer ID: SC1 (Criteria: 0.0 °C – 6.0 °C, not frozen)

Temperature 2.0 °C + 0.5 °C (CF) = 2.5 °C ☑ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____).

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

☐ **Received at ambient temperature, placed on ice for transport by Courier.**

Ambient Temperature: ☐ Air ☐ Filter Initial: YL

CUSTODY SEALS INTACT:

☑ Cooler ☐_____ ☐ No (Not Intact) ☐ Not Present ☐ N/A Initial: YL

☐ Sample ☐_____ ☐ No (Not Intact) ☑ Not Present Initial: DT

SAMPLE CONDITION:	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
☐ Collection date/time, matrix, and/or # of containers logged in based on sample labels.			
☐ No analysis requested. ☐ Not relinquished. ☐ No date/time relinquished.			
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and good condition	☑	☐	☐
Proper containers and sufficient volume for analyses requested	☑	☐	☐
Analyses received within holding time	☑	☐	☐
pH / Residual Chlorine / Dissolved Sulfide received within 24 hours	☐	☐	☑
Proper preservation noted on COC or sample container	☑	☐	☐
☐ Unpreserved vials received for Volatiles analysis			
Volatile analysis container(s) free of headspace	☐	☐	☑
Tedlar bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE:

Solid: ☐4ozCGJ ☐8ozCGJ ☐16ozCGJ ☐Sleeve (_____) ☐EnCores® ☐TerraCores® ☐_____

Water: ☐VOA ☐VOAh ☐VOAna_2 ☐125AGB ☐125AGBh ☐125AGBp ☐1AGB ☐1AGBna_2 ☐1AGBs

☐500AGB ☑500AGJ ☐500AGJs ☐250AGB ☐250CGB ☐250CGBs ☐1PB ☐500PB ☐500PBna

☐250PB ☐250PBn ☐125PB ☐125PBznna ☐100PJ ☐100PJna_2 ☐_____ ☐_____ ☐_____

Air: ☐Tedlar® ☐Summa® **Other:** ☐_____ **Trip Blank Lot#:**_____ Labeled/Checked by: DT

Container: C: Clear A: Amber P: Plastic G: Glass J: Jar B: Bottle Z: Ziploc/Resealable Bag E: Envelope Reviewed by: _____

Preservative: h: HCL n: HNO_3 na_2:$Na_2S_2O_3$ na: NaOH p: H_3PO_4 s: H_2SO_4 znna: $ZnAc_2$+NaOH f: Field-filtered Scanned by: _____

Calscience Environmental Laboratories, Inc.

October 29, 2010

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

Subject: **Calscience Work Order No.: 10-10-2105**
Client Reference: ExxonMobil 70104 / 022506

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 10/27/2010 and analyzed in accordance with the attached chain-of-custody.

Calscience Environmental Laboratories certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. 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

Work Order # 10-10-2105

Modified EPA TO-14A or EPA TO-15

EPA Methods TO-14A and TO-15 describe gas chromatographic procedures that will allow for that separation of volatile organic compounds and their qualitative and quantitative analysis by mass spectrometry (GC/MS). A known volume of sample is directed from the container (Summa® canister or Tedlar™ bag) through a solid multi-module (glass beads, tenex, cryofocuser) concentrator. Following concentration, the VOCs are thermally desorbed onto a gas chromatographic column for separation and then detected on a mass selective detector.

Comparison of EPA TO-14A/TO-15 versus Calscience EPA TO-14A/TO-15 (Modified)

Requirement	EPA Method	Calscience Modifications
BFB Acceptance Criteria	CLP Protocol	SW846 Protocol
Initial Calibration	Allowable % RSD for each Target Analyte <= 30%, two analytes allowed <= 40%	Allowable % RSD for each Target Analyte <= 30%, 10% of analytes allowed <= 40%
Initial Calibration Verification (ICV) - Second Source Standard (LCS)	Not Mentioned	Analytes contained in the LCS standard evaluated against historical control limits for the LCS
Daily Calibration Verification (CCV)	Allowable % Difference for each Target Analyte is <= 30%	**Full List Analysis:** Allowable % Difference for each CCC analyte is <= 30%
		Target List Analysis: Allowable % Difference for each target analytes is <= 30%
Daily Calibration Verification (CCV) - Internal Standard Area Response	Allowable +/- 40% (Range: 60% to 140%)	Allowable +/- 50% (Range: 50% to 150%)
Method Blank, Laboratory Control Sample and Sample - Internal Standard Area Response	Allowable +/- 40% of the mean area response of most recent Initial Calibration (Range: 60% to 140%)	Allowable +/- 50% of the mean area response of the most recent Calibration Verification (Range: 50% to 150%)
Surrogates	Not Mentioned	1,4-Bromoflurobenzene, 1,2-Dichloroethane-d4 and Toluene-d8 - % Recoveries based upon historical control limits +/-3S

Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received: 10/27/10
Work Order No: 10-10-2105
Preparation: N/A
Method: EPA TO-3M

Project: ExxonMobil 70104 / 022506

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
V-DSCHG	**10-10-2105-1-A**	**10/25/10 11:30**	**Air**	**GC 13**	**N/A**	**10/27/10 11:13**	**101027L01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	7.0	1	U	mg/m3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
V-OUT-VC2	**10-10-2105-2-A**	**10/25/10 11:45**	**Air**	**GC 13**	**N/A**	**10/27/10 11:22**	**101027L01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	7.0	1	U	mg/m3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
V-OUT-VC1	**10-10-2105-3-A**	**10/25/10 12:00**	**Air**	**GC 13**	**N/A**	**10/27/10 11:32**	**101027L01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	7.0	1	U	mg/m3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
V-INF-VC0	**10-10-2105-4-A**	**10/25/10 12:15**	**Air**	**GC 13**	**N/A**	**10/27/10 11:41**	**101027L01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	7.0	1	U	mg/m3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**098-01-005-2,699**	**N/A**	**Air**	**GC 13**	**N/A**	**10/27/10 08:49**	**101027L01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	7.0	1	U	mg/m3

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Environmental Resolutions, Inc.	Date Received:	10/27/10
601 North McDowell Blvd.	Work Order No:	10-10-2105
Petaluma, CA 94954-2312	Preparation:	N/A
	Method:	EPA TO-15M
	Units:	mg/m3

Project: ExxonMobil 70104 / 022506

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
V-DSCHG	**10-10-2105-1-A**	**10/25/10 11:30**	**Air**	**GC/MS K**	**N/A**	**10/27/10 14:16**	**101027L01**

Comment(s): -The method has been modified to use Tedlar bags instead of Summa Canisters.

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0016	1	U	Xylenes (total)	ND	0.0087	1	U
Toluene	ND	0.019	1	U	Methyl-t-Butyl Ether (MTBE)	ND	0.0072	1	U
Ethylbenzene	ND	0.0022	1	U					
Surrogates:	REC (%)	Control Limits	Qual		Surrogates:	REC (%)	Control Limits	Qual	
1,4-Bromofluorobenzene	101	57-129			1,2-Dichloroethane-d4	109	47-137		
Toluene-d8	97	78-156							

V-OUT-VC2	**10-10-2105-2-A**	**10/25/10 11:45**	**Air**	**GC/MS K**	**N/A**	**10/27/10 15:05**	**101027L01**

Comment(s): -The method has been modified to use Tedlar bags instead of Summa Canisters.

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0016	1	U	Xylenes (total)	ND	0.0087	1	U
Toluene	ND	0.019	1	U	Methyl-t-Butyl Ether (MTBE)	ND	0.0072	1	U
Ethylbenzene	ND	0.0022	1	U					
Surrogates:	REC (%)	Control Limits	Qual		Surrogates:	REC (%)	Control Limits	Qual	
1,4-Bromofluorobenzene	103	57-129			1,2-Dichloroethane-d4	107	47-137		
Toluene-d8	101	78-156							

V-OUT-VC1	**10-10-2105-3-A**	**10/25/10 12:00**	**Air**	**GC/MS K**	**N/A**	**10/27/10 15:53**	**101027L01**

Comment(s): -The method has been modified to use Tedlar bags instead of Summa Canisters.

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0016	1	U	Xylenes (total)	ND	0.0087	1	U
Toluene	ND	0.019	1	U	Methyl-t-Butyl Ether (MTBE)	ND	0.0072	1	U
Ethylbenzene	ND	0.0022	1	U					
Surrogates:	REC (%)	Control Limits	Qual		Surrogates:	REC (%)	Control Limits	Qual	
1,4-Bromofluorobenzene	106	57-129			1,2-Dichloroethane-d4	105	47-137		
Toluene-d8	103	78-156							

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Environmental Resolutions, Inc.	Date Received:	10/27/10
601 North McDowell Blvd.	Work Order No:	10-10-2105
Petaluma, CA 94954-2312	Preparation:	N/A
	Method:	EPA TO-15M
	Units:	mg/m3

Project: ExxonMobil 70104 / 022506

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
V-INF-VC0	**10-10-2105-4-A**	**10/25/10 12:15**	**Air**	**GC/MS K**	**N/A**	**10/27/10 16:42**	**101027L01**

Comment(s): -The method has been modified to use Tedlar bags instead of Summa Canisters.

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0016	1	U	Xylenes (total)	ND	0.0087	1	U
Toluene	ND	0.019	1	U	Methyl-t-Butyl Ether (MTBE)	0.057	0.0072	1	
Ethylbenzene	ND	0.0022	1	U					
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	100	57-129			1,2-Dichloroethane-d4	106	47-137		
Toluene-d8	102	78-156							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-983-1,088**	**N/A**	**Air**	**GC/MS K**	**N/A**	**10/27/10 13:04**	**101027L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0016	1	U	Xylenes (total)	ND	0.0087	1	U
Toluene	ND	0.019	1	U	Methyl-t-Butyl Ether (MTBE)	ND	0.0072	1	U
Ethylbenzene	ND	0.0022	1	U					
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	101	57-129			1,2-Dichloroethane-d4	111	47-137		
Toluene-d8	101	78-156							

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

Calscience Environmental Laboratories, Inc.

Quality Control - Duplicate

Environmental Resolutions, Inc.	Date Received:	10/27/10
601 North McDowell Blvd.	Work Order No:	10-10-2105
Petaluma, CA 94954-2312	Preparation:	N/A
	Method:	EPA TO-3M

Project: ExxonMobil 70104 / 022506

Quality Control Sample ID	Matrix	Instrument	Date Prepared:	Date Analyzed:	Duplicate Batch Number
10-10-2121-13	**Air**	**GC 13**	**N/A**	**10/27/10**	**101027D01**

Parameter	Sample Conc	DUP Conc	RPD	RPD CL	Qualifiers
TPH as Gasoline	58	57	2	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Environmental Resolutions, Inc.	Date Received: N/A
601 North McDowell Blvd.	Work Order No: 10-10-2105
Petaluma, CA 94954-2312	Preparation: N/A
	Method: EPA TO-15M

Project: ExxonMobil 70104 / 022506

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-983-1,088	Air	GC/MS K	N/A	10/27/10	101027L01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	107	106	60-156	0	0-40	
Toluene	109	110	56-146	1	0-43	
Ethylbenzene	118	118	52-154	0	0-38	
Xylenes (total)	115	115	52-148	0	0-38	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 10-10-2105

Qualifier	Definition
*	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 or PES/PESD 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 without further clarification.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
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.
ME	LCS recovery percentage is within LCS ME control limit range.
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.
U	Undetected at detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.
	Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture.

Calscience Environmental Laboratories, Inc.

7440 Lincoln Way
Garden Grove, CA 92841

Phone: 714-895-5494
Fax: 714-894-7501

ExxonMobil

2105

Consultant Name: Environmental Resolutions, Inc.
Consultant Address: 601 North McDowell Blvd
Consultant City/State/Zip: Petaluma, California 94954
ExxonMobil Project Mgr: Jennifer C. Sedlachek
Consultant Project Mgr: Paula Sime
Consultant Telephone Number: (707) 766-2000 Fax No.: (707) 789-0414
Sampler Name (Print): J Newman
Sampler Signature:

Account #: NA PO#: 4508883534
Invoice To: Jennifer C. Sedlachek
Report To: Paula Sime
Project Name: 022506 11X (Monthly)
ExxonMobil Site #: 70104 Major Project (AFE #):
Site Address: 1725 Park Street
Site City, State, Zip: Alameda, California
Oversight Agency:

Sample ID	Field Point Name	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl (Blue Label)	NaOH (Orange Label)	H_2SO_4 Plastic (Yellow Label)	H_2SO_4 Glass (Yellow Label)	HNO_3 (Red Label)	Ice	Other	None (Black Label)	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Air	Other (specify):	Analyze For: TPHg/BTEX/MTBE TO-3M + TO-15M							RUSH TAT (Pre-Schedule)	5-day TAT	Standard 10-day TAT	Due Date of Report
V-DSCHG	VEFF	10/25	1130	1L Tedlar	X												X						X		X									X		
V-OUT-VC2	VC2		1145	1L Tedlar	X												X						X		X									X		
V-OUT-VC1	VC1		1200	1L Tedlar	X												X						X		X									X		
V-INF-VC0	VC0	↓	1215	1L Tedlar	X												X						X		X									X		

Comments/Special Instructions: Vapor samples: Report in mg/m3 unit for pdf and edd

GLOBAL ID # (T0600100555)

PLEASE E-MAIL ALL PDF FILES TO (NORCALLABS@ERI-US.COM)

Relinquished by:		Date	Time	Received by:	Date	Time
J Newman		10/26/10	1200	CEL	10-26-10	1430
Relinquished by:		Date	Time	Received by (Lab personnel):	Date	Time
to GSO		10-26-10	1730		10-27-10	1040

Laboratory Comments:
Temperature Upon Receipt:
Sample Containers Intact? Y N
VOCs Free of Headspace? Y N

QC Deliverables (please circle one)
Level 2
Level 3
Level 4
Site Specific - if yes, please attach pre-schedule w/ TestAmerica Project Manager or attach specific instructions

GSO

< WebShip > > > > >

800-322-5555 www.gso.com

Ship From:
ALAN KEMP
CAL SCIENCE- CONCORD
5063 COMMERCIAL CIRCLE #H
CONCORD, CA 94520

Ship To:
SAMPLE RECEIVING
CEL
7440 LINCOLN WAY
GARDEN GROVE, CA 92841

COD:
$0.00

Reference:
ERI

Delivery Instructions:

Signature Type:
SIGNATURE REQUIRED

Tracking #: 515231156

NPS

ORC

D

GARDEN GROVE

D92843A

85810051

Print Date : 10/26/10 16:26 PM

Package 1 of 1

Send Label To Printer | ☑ Print All | Edit Shipment | Finish

LABEL INSTRUCTIONS:

Do not copy or reprint this label for additional shipments - each package must have a unique barcode.

STEP 1 - Use the "Send Label to Printer" button on this page to print the shipping label on a laser or inkjet printer.

STEP 2 - Fold this page in half.

STEP 3 - Securely attach this label to your package, do not cover the barcode.

STEP 4 - Request an on-call pickup for your package, if you do not have scheduled daily pickup service or Drop-off your package at the nearest GSO drop box. Locate nearest GSO dropbox locations using this link.

ADDITIONAL OPTIONS:

Send Label Via Email | Create Return Label

TERMS AND CONDITIONS:

By giving us your shipment to deliver, you agree to all the service terms and conditions described in this section.
Our liability for loss or damage to any package is limited to your actual damages or $100 whichever is less, unless you pay for and declare a higher authorized value. If you declare a higher value and pay the additional charge, our liability will be the lesser of your declared value or the actual value of your loss or damage. In any event, we will not be liable for any damage, whether direct, incidental, special or consequential, in excess of the declared value of a shipment whether or not we had knowledge that such damage might be incurred including but not limited to loss of income or profit. We will not be liable for your acts or omissions, including but not limited to improper or insufficient packaging, securing, marking or addressing. Also, we will not be liable if you or the recipient violates any of the terms of our agreement. We will not be liable for loss, damage or delay caused by events we cannot control, including but not limited to acts of God, perils of the air, weather conditions, act of public enemies, war, strikes, or civil commotion. The highest declared value for our GSO Priority Letter or GSO Priority Package is $500. For other shipments the highest declared value is $10,000 unless your package contains items of "extraordinary value", in which case the highest declared value we allow is $500. Items of "extraordinary value" include, but or not limited to, artwork, jewelry, furs, precious metals, tickets, negotiable instruments and other items with intrinsic value.

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 10-10-2105

SAMPLE RECEIPT FORM

Box 1 of 1

CLIENT: ERI DATE: 10/27/10

TEMPERATURE: Thermometer ID: SC1 (Criteria: 0.0 °C – 6.0 °C, not frozen)

Temperature ____.____ °C + 0.5 °C (CF) = ____.____ °C ☐ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____).

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

☐ **Received at ambient temperature, placed on ice for transport by Courier.**

Ambient Temperature: ☑ Air ☐ Filter **Initial:** MC

CUSTODY SEALS INTACT:

☑ Box ☐_____ ☐ No (Not Intact) ☐ Not Present ☐ N/A **Initial:** MC

☐ Sample ☐_____ ☐ No (Not Intact) ☑ Not Present **Initial:** MC

SAMPLE CONDITION:	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
☐ Collection date/time, matrix, and/or # of containers logged in based on sample labels.			
☐ No analysis requested. ☐ Not relinquished. ☐ No date/time relinquished.			
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and good condition	☑	☐	☐
Proper containers and sufficient volume for analyses requested	☑	☐	☐
Analyses received within holding time	☑	☐	☐
pH / Residual Chlorine / Dissolved Sulfide received within 24 hours	☐	☐	☑
Proper preservation noted on COC or sample container	☐	☐	☑
☐ Unpreserved vials received for Volatiles analysis			
Volatile analysis container(s) free of headspace	☐	☐	☑
Tedlar bag(s) free of condensation	☑	☐	☐

CONTAINER TYPE:

Solid: ☐4ozCGJ ☐8ozCGJ ☐16ozCGJ ☐Sleeve (_____) ☐EnCores® ☐TerraCores® ☐_____

Water: ☐VOA ☐VOAh ☐VOAna_2 ☐125AGB ☐125AGBh ☐125AGBp ☐1AGB ☐1AGBna_2 ☐1AGBs ☐500AGB ☐500AGJ ☐500AGJs ☐250AGB ☐250CGB ☐250CGBs ☐1PB ☐500PB ☐500PBna ☐250PB ☐250PBn ☐125PB ☐125PBznna ☐100PJ ☐100PJna_2 ☐_____ ☐_____ ☐_____

Air: ☑Tedlar® ☐Summa® **Other:** ☐_____ **Trip Blank Lot#:**_____ **Labeled/Checked by:** MC

Container: C: Clear A: Amber P: Plastic G: Glass J: Jar B: Bottle Z: Ziploc/Resealable Bag E: Envelope **Reviewed by:** JC

Preservative: h: HCL n: HNO_3 na_2: $Na_2S_2O_3$ na: NaOH p: H_3PO_4 s: H_2SO_4 znna: $ZnAc_2$+NaOH f: Field-filtered **Scanned by:** MC

Calscience Environmental Laboratories, Inc.

November 24, 2010

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

RECEIVED
NOV 29 2010
BY:

Subject: **Calscience Work Order No.: 10-11-1355**
Client Reference: ExxonMobil 70104 / 022506

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 11/17/2010 and analyzed in accordance with the attached chain-of-custody.

Calscience Environmental Laboratories certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. 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 deGuia

Calscience Environmental
Laboratories, Inc.
Cecile deGuia
Project Manager

Case Narrative

Work Order # 10-11-1355

Modified EPA TO-14A or EPA TO-15

EPA Methods TO-14A and TO-15 describe gas chromatographic procedures that will allow for that separation of volatile organic compounds and their qualitative and quantitative analysis by mass spectrometry (GC/MS). A known volume of sample is directed from the container (Summa® canister or Tedlar™ bag) through a solid multi-module (glass beads, tenex, cryofocuser) concentrator. Following concentration, the VOCs are thermally desorbed onto a gas chromatographic column for separation and then detected on a mass selective detector.

Comparison of EPA TO-14A/TO-15 versus Calscience EPA TO-14A/TO-15 (Modified)

Requirement	EPA Method	Calscience Modifications
BFB Acceptance Criteria	CLP Protocol	SW846 Protocol
Initial Calibration	Allowable % RSD for each Target Analyte <= 30%, two analytes allowed <= 40%	Allowable % RSD for each Target Analyte <= 30%, 10% of analytes allowed <= 40%
Initial Calibration Verification (ICV) - Second Source Standard (LCS)	Not Mentioned	Analytes contained in the LCS standard evaluated against historical control limits for the LCS
Daily Calibration Verification (CCV)	Allowable % Difference for each Target Analyte is <= 30%	**Full List Analysis:** Allowable % Difference for each CCC analyte is <= 30%
		Target List Analysis: Allowable % Difference for each target analytes is <= 30%
Daily Calibration Verification (CCV) - Internal Standard Area Response	Allowable +/- 40% (Range: 60% to 140%)	Allowable +/- 50% (Range: 50% to 150%)
Method Blank, Laboratory Control Sample and Sample - Internal Standard Area Response	Allowable +/- 40% of the mean area response of most recent Initial Calibration (Range: 60% to 140%)	Allowable +/- 50% of the mean area response of the most recent Calibration Verification (Range: 50% to 150%)
Surrogates	Not Mentioned	1,4-Bromoflurobenzene, 1,2-Dichloroethane-d4 and Toluene-d8 - % Recoveries based upon historical control limits +/-3S

Calscience Environmental Laboratories, Inc.

Analytical Report

Environmental Resolutions, Inc.		Date Received:	11/17/10
601 North McDowell Blvd.		Work Order No:	10-11-1355
Petaluma, CA 94954-2312		Preparation:	N/A
		Method:	EPA TO-3M

Project: ExxonMobil 70104 / 022506 — Page 1 of 1

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
V-DSCHG	**10-11-1355-1-A**	**11/16/10 10:00**	**Air**	**GC 53**	**N/A**	**11/17/10 11:38**	**101117L01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	7.0	1	U	mg/m3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
V-OUT-VC2	**10-11-1355-2-A**	**11/16/10 10:15**	**Air**	**GC 53**	**N/A**	**11/17/10 12:01**	**101117L01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	7.0	1	U	mg/m3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
V-OUT-VC1	**10-11-1355-3-A**	**11/16/10 10:30**	**Air**	**GC 53**	**N/A**	**11/17/10 12:12**	**101117L01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	7.0	1	U	mg/m3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
V-INF-VC0	**10-11-1355-4-A**	**11/16/10 10:45**	**Air**	**GC 53**	**N/A**	**11/17/10 14:09**	**101117L01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	7.0	1	U	mg/m3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**098-01-005-2,749**	**N/A**	**Air**	**GC 53**	**N/A**	**11/17/10 09:31**	**101117L01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	7.0	1	U	mg/m3

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Environmental Resolutions, Inc.		Date Received:	11/17/10
601 North McDowell Blvd.		Work Order No:	10-11-1355
Petaluma, CA 94954-2312		Preparation:	N/A
		Method:	EPA TO-15M
		Units:	mg/m3
Project: ExxonMobil 70104 / 022506			Page 1 of 2

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
V-DSCHG	**10-11-1355-1-A**	**11/16/10 10:00**	**Air**	**GC/MS HH**	**N/A**	**11/17/10 18:29**	**101117L01**

Comment(s): -The method has been modified to use Tedlar bags instead of Summa Canisters.

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0016	1	U	Xylenes (total)	ND	0.0087	1	U
Toluene	ND	0.019	1	U	Methyl-t-Butyl Ether (MTBE)	ND	0.0072	1	U
Ethylbenzene	ND	0.0022	1	U					
Surrogates:	REC (%)	Control Limits	Qual		Surrogates:	REC (%)	Control Limits	Qual	
1,4-Bromofluorobenzene	99	57-129			1,2-Dichloroethane-d4	98	47-137		
Toluene-d8	98	78-156							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
V-OUT-VC2	**10-11-1355-2-A**	**11/16/10 10:15**	**Air**	**GC/MS HH**	**N/A**	**11/17/10 19:21**	**101117L01**

Comment(s): -The method has been modified to use Tedlar bags instead of Summa Canisters.

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0016	1	U	Xylenes (total)	ND	0.0087	1	U
Toluene	ND	0.019	1	U	Methyl-t-Butyl Ether (MTBE)	ND	0.0072	1	U
Ethylbenzene	ND	0.0022	1	U					
Surrogates:	REC (%)	Control Limits	Qual		Surrogates:	REC (%)	Control Limits	Qual	
1,4-Bromofluorobenzene	98	57-129			1,2-Dichloroethane-d4	99	47-137		
Toluene-d8	97	78-156							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
V-OUT-VC1	**10-11-1355-3-A**	**11/16/10 10:30**	**Air**	**GC/MS HH**	**N/A**	**11/17/10 20:13**	**101117L01**

Comment(s): -The method has been modified to use Tedlar bags instead of Summa Canisters.

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0016	1	U	Xylenes (total)	ND	0.0087	1	U
Toluene	ND	0.019	1	U	Methyl-t-Butyl Ether (MTBE)	ND	0.0072	1	U
Ethylbenzene	ND	0.0022	1	U					
Surrogates:	REC (%)	Control Limits	Qual		Surrogates:	REC (%)	Control Limits	Qual	
1,4-Bromofluorobenzene	96	57-129			1,2-Dichloroethane-d4	100	47-137		
Toluene-d8	98	78-156							

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Environmental Resolutions, Inc.		Date Received:	11/17/10
601 North McDowell Blvd.		Work Order No:	10-11-1355
Petaluma, CA 94954-2312		Preparation:	N/A
		Method:	EPA TO-15M
		Units:	mg/m3
Project: ExxonMobil 70104 / 022506			Page 2 of 2

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
V-INF-VC0	**10-11-1355-4-A**	**11/16/10 10:45**	**Air**	**GC/MS HH**	**N/A**	**11/17/10 21:06**	**101117L01**

Comment(s): -The method has been modified to use Tedlar bags instead of Summa Canisters.

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0016	1	U	Xylenes (total)	ND	0.0087	1	U
Toluene	ND	0.019	1	U	Methyl-t-Butyl Ether (MTBE)	0.013	0.0072	1	
Ethylbenzene	ND	0.0022	1	U					
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	98	57-129			1,2-Dichloroethane-d4	100	47-137		
Toluene-d8	97	78-156							

Method Blank	**099-12-983-1,162**	**N/A**	**Air**	**GC/MS HH**	**N/A**	**11/17/10 12:31**	**101117L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0016	1	U	Xylenes (total)	ND	0.0087	1	U
Toluene	ND	0.019	1	U	Methyl-t-Butyl Ether (MTBE)	ND	0.0072	1	U
Ethylbenzene	ND	0.0022	1	U					
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	97	57-129			1,2-Dichloroethane-d4	99	47-137		
Toluene-d8	95	78-156							

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

Calscience Environmental Laboratories, Inc.

Quality Control - Duplicate

Environmental Resolutions, Inc.	Date Received:	11/17/10
601 North McDowell Blvd.	Work Order No:	10-11-1355
Petaluma, CA 94954-2312	Preparation:	N/A
	Method:	EPA TO-3M

Project: ExxonMobil 70104 / 022506

Quality Control Sample ID	Matrix	Instrument	Date Prepared:	Date Analyzed:	Duplicate Batch Number
10-11-1359-2	**Air**	**GC 53**	**N/A**	**11/17/10**	**101117D01**

Parameter	Sample Conc	DUP Conc	RPD	RPD CL	Qualifiers
TPH as Gasoline	119.6	129.0	8	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Environmental Resolutions, Inc.	Date Received:	N/A
601 North McDowell Blvd.	Work Order No:	10-11-1355
Petaluma, CA 94954-2312	Preparation:	N/A
	Method:	EPA TO-15M

Project: ExxonMobil 70104 / 022506

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-983-1,162	**Air**	**GC/MS HH**	**N/A**	**11/17/10**	**101117L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	105	105	60-156	0	0-40	
Toluene	107	104	56-146	3	0-43	
Ethylbenzene	107	104	52-154	2	0-38	
Xylenes (total)	105	103	52-148	2	0-38	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 10-11-1355

Qualifier	Definition
*	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 or PES/PESD 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 without further clarification.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
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.
ME	LCS recovery percentage is within LCS ME control limit range.
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.
U	Undetected at detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture.

1355

Calscience Environmental Laboratories, Inc.

7440 Lincoln Way
Garden Grove, CA 92841
Phone: 714-895-5494
Fax: 714-894-7501

ExxonMobil

Consultant Name: Environmental Resolutions, Inc.
Consultant Address: 601 North McDowell Blvd
Consultant City/State/Zip: Petaluma, California 94954
ExxonMobil Project Mgr: Jennifer C. Sedlachek
Consultant Project Mgr: Paula Sime
Consultant Telephone Number: (707) 766-2000 Fax No.: (707) 789-0414
Sampler Name (Print): J Herman
Sampler Signature: J Herman

Account #: NA PO#: 4508883534
Invoice To: Jennifer C. Sedlachek
Report To: Paula Sime
Project Name: 022506 11X (Monthly)
ExxonMobil Site #: 70104 Major Project (AFE #):
Site Address: 1725 Park Street
Site City, State, Zip: Alameda, California
Oversight Agency:

	Sample ID	Field Point Name	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl (Blue Label)	NaOH (Orange Label)	H_2SO_4 Plastic (Yellow Label)	H_2SO_4 Glass (Yellow Label)	HNO_3 (Red Label)	Ice	Other	None (Black Label)	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Air	Other (specify):	Analyze For: TPHg/BTEX/MTBE TO-3M + TO-15M	RUSH TAT (Pre-Schedule)	5-day TAT	Standard 10-day TAT	Due Date of Report
1	V-DSCHG	VEFF	11/16	1000	1L Tedlar	X												X						X		X				X
2	V-OUT-VC2	VC2		1015	1L Tedlar	X												X						X		X				X
3	V-OUT-VC1	VC1		1030	1L Tedlar	X												X						X		X				X
4	V-INF-VC0	VC0		1045	1L Tedlar	X												X						X		X				X

Comments/Special Instructions: Vapor samples: Report in mg/m3 unit for pdf and edd

GLOBAL ID # (T0600100555)

PLEASE E-MAIL ALL PDF FILES TO (NORCALLABS@ERI-US.COM)

Relinquished by:	Date	Time	Received by:	Date	Time
J Herman	11/16/10	15:50	Tia Malby CCL	11/16/10	1550
Relinquished by:	Date	Time	Received by (Lab personnel):	Date	Time
Tia Malby TO GSO	11/16/10	1730	[signature]	11/17/10	10:30

Laboratory Comments:
Temperature Upon Receipt:
Sample Containers Intact? Y N
VOCs Free of Headspace? Y N
QC Deliverables (please circle one)
Level 2
Level 3
Level 4
Site Specific - if yes, please attach pre-schedule w/ TestAmerica Project Manager or attach specific instructions

(1355)

GSO

< WebShip > > > > >

800-322-5555 www.gso.com

Ship From:
ALAN KEMP
CAL SCIENCE- CONCORD
5063 COMMERCIAL CIRCLE #H
CONCORD, CA 94520

Ship To:
SAMPLE RECEIVING
CEL
7440 LINCOLN WAY
GARDEN GROVE, CA 92841

COD:
$0.00

Reference:
BTS

Delivery Instructions:

Signature Type:
SIGNATURE REQUIRED

Tracking #: 515372748

NPS

ORC

D

GARDEN GROVE

D92843A

86390344

Print Date : 11/16/10 16:28 PM

Package 1 of 1

Send Label To Printer ☑ Print All Edit Shipment Finish

LABEL INSTRUCTIONS:

Do not copy or reprint this label for additional shipments - each package must have a unique barcode.

STEP 1 - Use the "Send Label to Printer" button on this page to print the shipping label on a laser or inkjet printer.
STEP 2 - Fold this page in half.
STEP 3 - Securely attach this label to your package, do not cover the barcode.
STEP 4 - Request an on-call pickup for your package, if you do not have scheduled daily pickup service or Drop-off your package at the nearest GSO drop box. Locate nearest GSO dropbox locations using this link.

ADDITIONAL OPTIONS:

Send Label Via Email | Create Return Label

TERMS AND CONDITIONS:

By giving us your shipment to deliver, you agree to all the service terms and conditions described in this section.
Our liability for loss or damage to any package is limited to your actual damages or $100 whichever is less, unless you pay for and declare a higher authorized value. If you declare a higher value and pay the additional charge, our liability will be the lesser of your declared value or the actual value of your loss or damage. In any event, we will not be liable for any damage, whether direct, incidental, special or consequential, in excess of the declared value of a shipment whether or not we had knowledge that such damage might be incurred including but not limited to loss of income or profit. We will not be liable for your acts or omissions, including but not limited to improper or insufficient packaging, securing, marking or addressing. Also, we will not be liable if you or the recipient violates any of the terms of our agreement. We will not be liable for loss, damage or delay caused by events we cannot control, including but not limited to acts of God, perils of the air, weather conditions, act of public enemies, war, strikes, or civil commotion. The highest declared value for our GSO Priority Letter or GSO Priority Package is $500. For other shipments the highest declared value is $10,000 unless your package contains items of "extraordinary value", in which case the highest declared value we allow is $500. Items of "extraordinary value" include, but or not limited to, artwork, jewelry, furs, precious metals, tickets, negotiable instruments and other items with intrinsic value.

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 10-11-[1][3][5][X] PS 11/17/10

SAMPLE RECEIPT FORM

Box 1 of 1

CLIENT: ERI DATE: 11/17/10

TEMPERATURE: Thermometer ID: SC1 (Criteria: 0.0 °C – 6.0 °C, not frozen)

Temperature _____.____ °C + 0.5 °C (CF) = _____.____ °C ☐ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____).

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

☐ **Received at ambient temperature, placed on ice for transport by Courier.**

Ambient Temperature: ☑ Air ☐ Filter Initial: PS

CUSTODY SEALS INTACT:

☑ Box ☐_____ ☐ No (Not Intact) ☐ Not Present ☐ N/A Initial: PS

☐ Sample ☐_____ ☐ No (Not Intact) ☑ Not Present Initial: PS

SAMPLE CONDITION:	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
☐ Collection date/time, matrix, and/or # of containers logged in based on sample labels.			
☐ No analysis requested. ☐ Not relinquished. ☐ No date/time relinquished.			
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and good condition	☑	☐	☐
Proper containers and sufficient volume for analyses requested	☑	☐	☐
Analyses received within holding time	☑	☐	☐
pH / Residual Chlorine / Dissolved Sulfide received within 24 hours	☐	☐	☑
Proper preservation noted on COC or sample container	☐	☐	☑
☐ Unpreserved vials received for Volatiles analysis			
Volatile analysis container(s) free of headspace	☐	☐	☑
Tedlar bag(s) free of condensation	☑	☐	☐

CONTAINER TYPE:

Solid: ☐4ozCGJ ☐8ozCGJ ☐16ozCGJ ☐Sleeve (_____) ☐EnCores® ☐TerraCores® ☐_____

Water: ☐VOA ☐VOA**h** ☐VOA**na$_2$** ☐125AGB ☐125AGB**h** ☐125AGB**p** ☐1AGB ☐1AGB**na$_2$** ☐1AGB**s**

☐500AGB ☐500AGJ ☐500AGJ**s** ☐250AGB ☐250CGB ☐250CGB**s** ☐1PB ☐500PB ☐500PB**na**

☐250PB ☐250PB**n** ☐125PB ☐125PB**znna** ☐100PJ ☐100PJ**na$_2$** ☐_____ ☐_____ ☐_____

Air: ☑Tedlar® ☐Summa® **Other:** ☐_____ **Trip Blank Lot#:**_____ **Labeled/Checked by:** PS

Container: C: Clear A: Amber P: Plastic G: Glass J: Jar B: Bottle Z: Ziploc/Resealable Bag E: Envelope **Reviewed by:** WB

Preservative: h: HCL n: HNO_3 na$_2$: $Na_2S_2O_3$ na: NaOH p: H_3PO_4 s: H_2SO_4 znna: $ZnAc_2$+NaOH f: Field-filtered **Scanned by:** _____

Calscience
Environmental
Laboratories, Inc.

December 23, 2010

RECEIVED
DEC 23 2010
BY:----------

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

Subject: **Calscience Work Order No.: 10-12-1340**
Client Reference: ExxonMobil 70104 / 022506

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 12/16/2010 and analyzed in accordance with the attached chain-of-custody.

Calscience Environmental Laboratories certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. 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

Work Order # 10-12-1340

Modified EPA TO-14A or EPA TO-15

EPA Methods TO-14A and TO-15 describe gas chromatographic procedures that will allow for that separation of volatile organic compounds and their qualitative and quantitative analysis by mass spectrometry (GC/MS). A known volume of sample is directed from the container (Summa® canister or Tedlar™ bag) through a solid multi-module (glass beads, tenex, cryofocuser) concentrator. Following concentration, the VOCs are thermally desorbed onto a gas chromatographic column for separation and then detected on a mass selective detector.

Comparison of EPA TO-14A/TO-15 versus Calscience EPA TO-14A/TO-15 (Modified)

Requirement	EPA Method	Calscience Modifications
BFB Acceptance Criteria	CLP Protocol	SW846 Protocol
Initial Calibration	Allowable % RSD for each Target Analyte <= 30%, two analytes allowed <= 40%	Allowable % RSD for each Target Analyte <= 30%, 10% of analytes allowed <= 40%
Initial Calibration Verification (ICV) - Second Source Standard (LCS)	Not Mentioned	Analytes contained in the LCS standard evaluated against historical control limits for the LCS
Daily Calibration Verification (CCV)	Allowable % Difference for each Target Analyte is <= 30%	**Full List Analysis:** Allowable % Difference for each CCC analyte is <= 30%
		Target List Analysis: Allowable % Difference for each target analytes is <= 30%
Daily Calibration Verification (CCV) - Internal Standard Area Response	Allowable +/- 40% (Range: 60% to 140%)	Allowable +/- 50% (Range: 50% to 150%)
Method Blank, Laboratory Control Sample and Sample - Internal Standard Area Response	Allowable +/- 40% of the mean area response of most recent Initial Calibration (Range: 60% to 140%)	Allowable +/- 50% of the mean area response of the most recent Calibration Verification (Range: 50% to 150%)
Surrogates	Not Mentioned	1,4-Bromoflurobenzene, 1,2-Dichloroethane-d4 and Toluene-d8 - % Recoveries based upon historical control limits +/-3S

Calscience Environmental Laboratories, Inc.

Analytical Report

Environmental Resolutions, Inc.		Date Received:	12/16/10
601 North McDowell Blvd.		Work Order No:	10-12-1340
Petaluma, CA 94954-2312		Preparation:	N/A
		Method:	EPA TO-3M

Project: ExxonMobil 70104 / 022506

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
V-DSCHG	**10-12-1340-1-A**	**12/14/10 13:15**	**Air**	**GC 53**	**N/A**	**12/16/10 11:10**	**101216L02**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	7.0	1	U	mg/m3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
V-OUT-VC2	**10-12-1340-2-A**	**12/14/10 13:30**	**Air**	**GC 53**	**N/A**	**12/16/10 11:20**	**101216L02**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	7.0	1	U	mg/m3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
V-OUT-VC1	**10-12-1340-3-A**	**12/14/10 13:45**	**Air**	**GC 53**	**N/A**	**12/16/10 11:29**	**101216L02**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	7.0	1	U	mg/m3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
V-INF-VC0	**10-12-1340-4-A**	**12/14/10 14:00**	**Air**	**GC 53**	**N/A**	**12/16/10 11:39**	**101216L02**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	7.0	1	U	mg/m3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**098-01-005-2,818**	**N/A**	**Air**	**GC 53**	**N/A**	**12/16/10 09:19**	**101216L02**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	7.0	1	U	mg/m3

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

Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received: 12/16/10
Work Order No: 10-12-1340
Preparation: N/A
Method: EPA TO-15M
Units: mg/m3

Project: ExxonMobil 70104 / 022506

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
V-DSCHG	**10-12-1340-1-A**	**12/14/10 13:15**	**Air**	**GC/MS II**	**N/A**	**12/16/10 15:44**	**101216L01**

Comment(s): -The method has been modified to use Tedlar bags instead of Summa Canisters.

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0016	1	U	Xylenes (total)	ND	0.0087	1	U
Toluene	ND	0.019	1	U	Methyl-t-Butyl Ether (MTBE)	ND	0.0072	1	U
Ethylbenzene	ND	0.0022	1	U					
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	94	78-156							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
V-OUT-VC2	**10-12-1340-2-A**	**12/14/10 13:30**	**Air**	**GC/MS II**	**N/A**	**12/16/10 16:35**	**101216L01**

Comment(s): -The method has been modified to use Tedlar bags instead of Summa Canisters.

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0016	1	U	Xylenes (total)	ND	0.0087	1	U
Toluene	ND	0.019	1	U	Methyl-t-Butyl Ether (MTBE)	ND	0.0072	1	U
Ethylbenzene	ND	0.0022	1	U					
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	98	57-129			1,2-Dichloroethane-d4	105	47-137		
Toluene-d8	98	78-156							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
V-OUT-VC1	**10-12-1340-3-A**	**12/14/10 13:45**	**Air**	**GC/MS II**	**N/A**	**12/16/10 19:22**	**101216L01**

Comment(s): -The method has been modified to use Tedlar bags instead of Summa Canisters.

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0016	1	U	Xylenes (total)	ND	0.0087	1	U
Toluene	ND	0.019	1	U	Methyl-t-Butyl Ether (MTBE)	ND	0.0072	1	U
Ethylbenzene	ND	0.0022	1	U					
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	98	57-129			1,2-Dichloroethane-d4	106	47-137		
Toluene-d8	100	78-156							

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Environmental Resolutions, Inc.		Date Received:	12/16/10
601 North McDowell Blvd.		Work Order No:	10-12-1340
Petaluma, CA 94954-2312		Preparation:	N/A
		Method:	EPA TO-15M
		Units:	mg/m3
Project: ExxonMobil 70104 / 022506			Page 2 of 2

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
V-INF-VC0	**10-12-1340-4-A**	**12/14/10 14:00**	**Air**	**GC/MS II**	**N/A**	**12/16/10 20:13**	**101216L01**

Comment(s): -The method has been modified to use Tedlar bags instead of Summa Canisters.

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0016	1	U	Xylenes (total)	ND	0.0087	1	U
Toluene	ND	0.019	1	U	Methyl-t-Butyl Ether (MTBE)	0.0093	0.0072	1	
Ethylbenzene	ND	0.0022	1	U					
Surrogates:	REC (%)	Control Limits	Qual		Surrogates:	REC (%)	Control Limits	Qual	
1,4-Bromofluorobenzene	98	57-129			1,2-Dichloroethane-d4	107	47-137		
Toluene-d8	100	78-156							

Method Blank	**099-12-983-1,229**	**N/A**	**Air**	**GC/MS II**	**N/A**	**12/16/10 14:53**	**101216L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0016	1	U	Xylenes (total)	ND	0.0087	1	U
Toluene	ND	0.019	1	U	Methyl-t-Butyl Ether (MTBE)	ND	0.0072	1	U
Ethylbenzene	ND	0.0022	1	U					
Surrogates:	REC (%)	Control Limits	Qual		Surrogates:	REC (%)	Control Limits	Qual	
1,4-Bromofluorobenzene	100	57-129			1,2-Dichloroethane-d4	104	47-137		
Toluene-d8	98	78-156							

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

Calscience Environmental Laboratories, Inc.

Quality Control - Duplicate

Environmental Resolutions, Inc.	Date Received:	12/16/10
601 North McDowell Blvd.	Work Order No:	10-12-1340
Petaluma, CA 94954-2312	Preparation:	N/A
	Method:	EPA TO-3M

Project: ExxonMobil 70104 / 022506

Quality Control Sample ID	Matrix	Instrument	Date Prepared:	Date Analyzed:	Duplicate Batch Number
V-INF-VC0	**Air**	**GC 53**	**N/A**	**12/16/10**	**101216D02**

Parameter	Sample Conc	DUP Conc	RPD	RPD CL	Qualifiers
TPH as Gasoline	ND	ND	NA	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Environmental Resolutions, Inc.	Date Received:	N/A
601 North McDowell Blvd.	Work Order No:	10-12-1340
Petaluma, CA 94954-2312	Preparation:	N/A
	Method:	EPA TO-15M

Project: ExxonMobil 70104 / 022506

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-983-1,229	Air	GC/MS II	N/A	12/16/10	101216L01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	108	110	60-156	1	0-40	
Toluene	109	109	56-146	0	0-43	
Ethylbenzene	113	113	52-154	0	0-38	
Xylenes (total)	116	116	52-148	0	0-38	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 10-12-1340

Qualifier	Definition
*	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 or PES/PESD 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 without further clarification.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
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.
ME	LCS recovery percentage is within LCS ME control limit range.
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.
U	Undetected at detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture.

Calscience Environmental Laboratories, Inc.
7440 Lincoln Way
Garden Grove, CA 92841
Phone: 714-895-5494
Fax: 714-894-7501

ExxonMobil

1340

Consultant Name: Cardno ERI | Account #: NA | PO#: 4508883534
Consultant Address: 601 North McDowell Blvd | Invoice To: Jennifer C. Sedlachek
Consultant City/State/Zip: Petaluma, California 94954 | Report To: Paula Sime
ExxonMobil Project Mgr: Jennifer C. Sedlachek | Project Name: 022506 11X (Monthly)
Consultant Project Mgr: Paula Sime | ExxonMobil Site #: 70104 | Major Project (AFE #):
Consultant Telephone Number: (707) 766-2000 | Fax No.: (707) 789-0414 | Site Address: 1725 Park Street
Sampler Name (Print): Jon Herman | Site City, State, Zip: Alameda, California
Sampler Signature: J Herman | Oversight Agency:

Sample ID	Field Point Name	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl (Blue Label)	NaOH (Orange Label)	H_2SO_4 Plastic (Yellow Label)	H_2SO_4 Glass (Yellow Label)	HNO_3 (Red Label)	Ice	Other	None (Black Label)	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Air	Other (specify):	Analyze For: TPHg/BTEX/MTBE TO-3M + TO-15M	RUSH TAT (Pre-Schedule)	5-day TAT	Standard 10-day TAT	Due Date of Report
V-DSCHG	VEFF	12/14	1315	1L Tedlar	X												X						X		X		X		
V-OUT-VC2	VC2	↓	1330	1L Tedlar	X												X						X		X		X		
V-OUT-VC1	VC1		1345	1L Tedlar	X												X						X		X		X		
V-INF-VC0	VC0		1400	1L Tedlar	X												X						X		X		X		

Comments/Special Instructions: Vapor samples: Report in mg/m3 unit for pdf and edd

PLEASE E-MAIL ALL PDF FILES TO (NORCALLABS@ERI-US.COM)

GLOBAL ID # (T0600100555)

Relinquished by:		Date	Time	Received by:	Date	Time
J Herman		12/14/10	900			
Relinquished by:		Date	Time	Received by (Lab personnel):	Date	Time
				[signature]	12/14/10	1015

Laboratory Comments:
Temperature Upon Receipt:
Sample Containers Intact? Y N
VOCs Free of Headspace? Y N
QC Deliverables (please circle one)
Level 2
Level 3
Level 4
Site Specific - if yes, please attach pre-schedule w/ TestAmerica Project Manager or attach specific instructions

19

:00

FedEx Express US Airbill

FedEx Tracking Number 8723 4204 5218

1 From This portion can be removed for Recipient's records.

Date 12-15-10 FedEx Tracking Number 872342045218

Sender's Name Tom Herman Phone 707 766 2000

Company [illegible]

Address [illegible]

Dept/Floor/Suite/Room

City PETALUMA State CA ZIP [illegible]

2 Your Internal Billing Reference 2109 11x

3 To Recipient's Name Sampling Receiving Phone 714 895-5494

Company [illegible]

Address 7440 Lincoln Way

We cannot deliver to P.O. boxes or P.O. ZIP codes.

HOLD Weekday — FedEx location address REQUIRED. NOT available for FedEx First Overnight.

Address

Use this line for the HOLD location address or for continuation of your shipping address.

HOLD Saturday — FedEx location address REQUIRED. Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

City Garden Grove State CA ZIP 92841

8723 4204 5218

RECIPIENT: PEEL HERE

fedex.com 1.800.GoFedEx 1.800.463.3339

4a Express Package Service *To most locations. *Packages up to 150 lbs.*

- [X] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.
- [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.*
- [ ] FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Express Saver — Next business afternoon.* Saturday Delivery NOT available.

4b Express Freight Service **To most locations. *Packages over 150 lbs.*

- [ ] FedEx 1Day Freight — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected. FedEx 1Day Freight Booking No.
- [ ] FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

5 Packaging *Declared value limit $500.

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak and FedEx Large Pak.
- FedEx Box
- FedEx Tube
- [X] Other

6 Special Handling and Delivery Signature Options

- [X] SATURDAY Delivery — NOT available for FedEx Standard Overnight, FedEx Express Saver, or FedEx 3Day Freight.
- [ ] No Signature Required — Package may be left without obtaining a signature for delivery.
- [ ] Direct Signature — Someone at recipient's address may sign for delivery. Fee applies.
- [ ] Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. For residential deliveries only. Fee applies.

Does this shipment contain dangerous goods?

One box must be checked.

- [ ] No
- [ ] Yes — As per attached Shipper's Declaration.
- [ ] Yes — Shipper's Declaration not required.
- [ ] Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg
- [ ] Cargo Aircraft Only

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging or placed in a FedEx Express Drop Box.

7 Payment *Bill to:*

Enter FedEx Acct. No. or Credit Card No. below.

- [ ] Sender — Acct. No. in Section 1 will be billed.
- [X] Recipient
- [ ] Third Party
- [ ] Credit Card
- [ ] Cash/Check

Obtain recip. Acct. No.

[redacted]

Total Packages | Total Weight ____ lbs. | Credit Card Auth.

†Our liability is limited to $100 unless you declare a higher value. See the current FedEx Service Guide for details.

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Calscience Environmental Laboratories, Inc.

WORK ORDER #: 10-12-1340

SAMPLE RECEIPT FORM

Box 1 of 1

CLIENT: Cardno ERI

DATE: 12/16/10

TEMPERATURE: Thermometer ID: SC1 (Criteria: 0.0 °C – 6.0 °C, not frozen)

Temperature _____.____ °C + 0.5 °C (CF) = _____.____ °C ☐ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____).

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

☐ **Received at ambient temperature, placed on ice for transport by Courier.**

Ambient Temperature: ☑ Air ☐ Filter **Initial:** MC

CUSTODY SEALS INTACT:

☐ Box ☐_____ ☐ No (Not Intact) ☑ Not Present ☐ N/A **Initial:** MC

☐ Sample ☐_____ ☐ No (Not Intact) ☑ Not Present **Initial:** MC

SAMPLE CONDITION:	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
☐ Collection date/time, matrix, and/or # of containers logged in based on sample labels.			
☐ No analysis requested. ☐ Not relinquished. ☐ No date/time relinquished.			
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and good condition	☑	☐	☐
Proper containers and sufficient volume for analyses requested	☑	☐	☐
Analyses received within holding time	☑	☐	☐
pH / Residual Chlorine / Dissolved Sulfide received within 24 hours	☐	☐	☑
Proper preservation noted on COC or sample container	☐	☐	☑
☐ Unpreserved vials received for Volatiles analysis			
Volatile analysis container(s) free of headspace	☐	☐	☑
Tedlar bag(s) free of condensation	☑	☐	☐

CONTAINER TYPE:

Solid: ☐4ozCGJ ☐8ozCGJ ☐16ozCGJ ☐Sleeve (_____) ☐EnCores® ☐TerraCores® ☐_____

Water: ☐VOA ☐VOA**h** ☐VOA**na$_2$** ☐125AGB ☐125AGB**h** ☐125AGB**p** ☐1AGB ☐1AGB**na$_2$** ☐1AGB**s** ☐500AGB ☐500AGJ ☐500AGJ**s** ☐250AGB ☐250CGB ☐250CGB**s** ☐1PB ☐500PB ☐500PB**na** ☐250PB ☐250PB**n** ☐125PB ☐125PB**znna** ☐100PJ ☐100PJ**na$_2$** ☐_____ ☐_____ ☐_____

Air: ☑Tedlar® ☐Summa® **Other:** ☐_____ **Trip Blank Lot#:**_____ **Labeled/Checked by:** NC

Container: C: Clear A: Amber P: Plastic G: Glass J: Jar B: Bottle Z: Ziploc/Resealable Bag E: Envelope **Reviewed by:** _____

Preservative: h: HCL n: HNO_3 na$_2$: $Na_2S_2O_3$ na: NaOH p: H_3PO_4 s: H_2SO_4 znna: $ZnAc_2$+NaOH f: Field-filtered **Scanned by:** _____

Calscience Environmental Laboratories, Inc.

January 03, 2011

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

Subject: **Calscience Work Order No.: 10-12-2312**
Client Reference: ExxonMobil 70104 / 022506

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 12/30/2010 and analyzed in accordance with the attached chain-of-custody.

Calscience Environmental Laboratories certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. 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

Work Order # 10-12-2312

Modified EPA TO-14A or EPA TO-15

EPA Methods TO-14A and TO-15 describe gas chromatographic procedures that will allow for that separation of volatile organic compounds and their qualitative and quantitative analysis by mass spectrometry (GC/MS). A known volume of sample is directed from the container (Summa® canister or Tedlar™ bag) through a solid multi-module (glass beads, tenex, cryofocuser) concentrator. Following concentration, the VOCs are thermally desorbed onto a gas chromatographic column for separation and then detected on a mass selective detector.

Comparison of EPA TO-14A/TO-15 versus Calscience EPA TO-14A/TO-15 (Modified)

Requirement	EPA Method	Calscience Modifications
BFB Acceptance Criteria	CLP Protocol	SW846 Protocol
Initial Calibration	Allowable % RSD for each Target Analyte <= 30%, two analytes allowed <= 40%	Allowable % RSD for each Target Analyte <= 30%, 10% of analytes allowed <= 40%
Initial Calibration Verification (ICV) - Second Source Standard (LCS)	Not Mentioned	Analytes contained in the LCS standard evaluated against historical control limits for the LCS
Daily Calibration Verification (CCV)	Allowable % Difference for each Target Analyte is <= 30%	**Full List Analysis:** Allowable % Difference for each CCC analyte is <= 30%
		Target List Analysis: Allowable % Difference for each target analytes is <= 30%
Daily Calibration Verification (CCV) - Internal Standard Area Response	Allowable +/- 40% (Range: 60% to 140%)	Allowable +/- 50% (Range: 50% to 150%)
Method Blank, Laboratory Control Sample and Sample - Internal Standard Area Response	Allowable +/- 40% of the mean area response of most recent Initial Calibration (Range: 60% to 140%)	Allowable +/- 50% of the mean area response of the most recent Calibration Verification (Range: 50% to 150%)
Surrogates	Not Mentioned	1,4-Bromoflurobenzene, 1,2-Dichloroethane-d4 and Toluene-d8 - % Recoveries based upon historical control limits +/-3S

Calscience Environmental Laboratories, Inc.

Analytical Report

Environmental Resolutions, Inc.		Date Received:	12/30/10
601 North McDowell Blvd.		Work Order No:	10-12-2312
Petaluma, CA 94954-2312		Preparation:	N/A
		Method:	EPA TO-3M

Project: ExxonMobil 70104 / 022506 — Page 1 of 1

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
V-DSCHG	**10-12-2312-1-A**	**12/28/10 11:15**	**Air**	**GC 13**	**N/A**	**12/30/10 14:52**	**101230L01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	7.0	1	U	mg/m3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
V-OUT-VC2	**10-12-2312-2-A**	**12/28/10 11:30**	**Air**	**GC 13**	**N/A**	**12/30/10 14:33**	**101230L01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	7.0	1	U	mg/m3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
V-OUT-VC1	**10-12-2312-3-A**	**12/28/10 11:45**	**Air**	**GC 13**	**N/A**	**12/30/10 14:43**	**101230L01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	7.0	1	U	mg/m3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
V-INF-VC0	**10-12-2312-4-A**	**12/28/10 12:00**	**Air**	**GC 13**	**N/A**	**12/30/10 15:02**	**101230L01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	7.0	1	U	mg/m3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**098-01-005-2,834**	**N/A**	**Air**	**GC 13**	**N/A**	**12/30/10 08:40**	**101230L01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	7.0	1	U	mg/m3

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

Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received: 12/30/10
Work Order No: 10-12-2312
Preparation: N/A
Method: EPA TO-15M
Units: mg/m3

Project: ExxonMobil 70104 / 022506

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
V-DSCHG	**10-12-2312-1-A**	**12/28/10 11:15**	**Air**	**GC/MS K**	**N/A**	**12/30/10 14:42**	**101230L01**

Comment(s): -The method has been modified to use Tedlar bags instead of Summa Canisters.

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0016	1	U	Xylenes (total)	ND	0.0087	1	U
Toluene	ND	0.019	1	U	Methyl-t-Butyl Ether (MTBE)	ND	0.0072	1	U
Ethylbenzene	ND	0.0022	1	U					
Surrogates:	REC (%)	Control Limits	Qual		Surrogates:	REC (%)	Control Limits	Qual	
1,4-Bromofluorobenzene	94	57-129			1,2-Dichloroethane-d4	99	47-137		
Toluene-d8	96	78-156							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
V-OUT-VC2	**10-12-2312-2-A**	**12/28/10 11:30**	**Air**	**GC/MS K**	**N/A**	**12/30/10 15:31**	**101230L01**

Comment(s): -The method has been modified to use Tedlar bags instead of Summa Canisters.

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0016	1	U	Xylenes (total)	ND	0.0087	1	U
Toluene	ND	0.019	1	U	Methyl-t-Butyl Ether (MTBE)	ND	0.0072	1	U
Ethylbenzene	ND	0.0022	1	U					
Surrogates:	REC (%)	Control Limits	Qual		Surrogates:	REC (%)	Control Limits	Qual	
1,4-Bromofluorobenzene	98	57-129			1,2-Dichloroethane-d4	98	47-137		
Toluene-d8	97	78-156							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
V-OUT-VC1	**10-12-2312-3-B**	**12/28/10 11:45**	**Air**	**GC/MS K**	**N/A**	**12/30/10 16:20**	**101230L01**

Comment(s): -The method has been modified to use Tedlar bags instead of Summa Canisters.

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0016	1	U	Xylenes (total)	ND	0.0087	1	U
Toluene	0.056	0.019	1		Methyl-t-Butyl Ether (MTBE)	ND	0.0072	1	U
Ethylbenzene	0.0028	0.0022	1						
Surrogates:	REC (%)	Control Limits	Qual		Surrogates:	REC (%)	Control Limits	Qual	
1,4-Bromofluorobenzene	97	57-129			1,2-Dichloroethane-d4	97	47-137		
Toluene-d8	96	78-156							

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Environmental Resolutions, Inc.		Date Received:	12/30/10
601 North McDowell Blvd.		Work Order No:	10-12-2312
Petaluma, CA 94954-2312		Preparation:	N/A
		Method:	EPA TO-15M
		Units:	mg/m3
Project: ExxonMobil 70104 / 022506			Page 2 of 2

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
V-INF-VC0	**10-12-2312-4-A**	**12/28/10 12:00**	**Air**	**GC/MS K**	**N/A**	**12/30/10 17:09**	**101230L01**

Comment(s): -The method has been modified to use Tedlar bags instead of Summa Canisters.

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0016	1	U	Xylenes (total)	ND	0.0087	1	U
Toluene	ND	0.019	1	U	Methyl-t-Butyl Ether (MTBE)	ND	0.0072	1	U
Ethylbenzene	ND	0.0022	1	U					
Surrogates:	REC (%)	Control Limits	Qual		Surrogates:	REC (%)	Control Limits	Qual	
1,4-Bromofluorobenzene	98	57-129			1,2-Dichloroethane-d4	99	47-137		
Toluene-d8	96	78-156							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-983-1,261**	**N/A**	**Air**	**GC/MS K**	**N/A**	**12/30/10 12:46**	**101230L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0016	1	U	Xylenes (total)	ND	0.0087	1	U
Toluene	ND	0.019	1	U	Methyl-t-Butyl Ether (MTBE)	ND	0.0072	1	U
Ethylbenzene	ND	0.0022	1	U					
Surrogates:	REC (%)	Control Limits	Qual		Surrogates:	REC (%)	Control Limits	Qual	
1,4-Bromofluorobenzene	96	57-129			1,2-Dichloroethane-d4	98	47-137		
Toluene-d8	96	78-156							

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

Calscience Environmental Laboratories, Inc.

Quality Control - Duplicate

Environmental Resolutions, Inc.	Date Received:	12/30/10
601 North McDowell Blvd.	Work Order No:	10-12-2312
Petaluma, CA 94954-2312	Preparation:	N/A
	Method:	EPA TO-3M

Project: ExxonMobil 70104 / 022506

Quality Control Sample ID	Matrix	Instrument	Date Prepared:	Date Analyzed:	Duplicate Batch Number
10-12-2319-2	**Air**	**GC 13**	**N/A**	**12/30/10**	**101230D01**

Parameter	Sample Conc	DUP Conc	RPD	RPD CL	Qualifiers
TPH as Gasoline	153.0	153.5	0	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Environmental Resolutions, Inc.	Date Received:	N/A
601 North McDowell Blvd.	Work Order No:	10-12-2312
Petaluma, CA 94954-2312	Preparation:	N/A
	Method:	EPA TO-15M

Project: ExxonMobil 70104 / 022506

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-983-1,261	**Air**	**GC/MS K**	**N/A**	**12/30/10**	**101230L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	106	106	60-156	0	0-40	
Toluene	110	111	56-146	1	0-43	
Ethylbenzene	114	114	52-154	1	0-38	
Xylenes (total)	115	116	52-148	0	0-38	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 10-12-2312

Qualifier	Definition
*	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 or PES/PESD 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 without further clarification.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
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.
ME	LCS recovery percentage is within LCS ME control limit range.
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.
U	Undetected at detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture.

2312

Calscience Environmental Laboratories, Inc.

7440 Lincoln Way
Garden Grove, CA 92841

Phone: 714-895-5494
Fax: 714-894-7501

ExxonMobil

Consultant Name: Cardno ERI | **Account #:** NA | **PO#:** 4508883534
Consultant Address: 601 North McDowell Blvd | **Invoice To:** Jennifer C. Sedlachek
Consultant City/State/Zip: Petaluma, California 94954 | **Report To:** Paula Sime
ExxonMobil Project Mgr: Jennifer C. Sedlachek | **Project Name:** 022506 11X (Monthly)
Consultant Project Mgr: Paula Sime | **ExxonMobil Site #:** 70104 | **Major Project (AFE #):**
Consultant Telephone Number: (707) 766-2000 | **Fax No.:** (707) 789-0414 | **Site Address:** 1725 Park Street
Sampler Name (Print): J Heyman | **Site City, State, Zip:** Alameda, California
Sampler Signature: J Heyman | **Oversight Agency:**

	Sample ID	Field Point Name	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl (Blue Label)	NaOH (Orange Label)	H_2SO_4 Plastic (Yellow Label)	H_2SO_4 Glass (Yellow Label)	HNO_3 (Red Label)	Ice	Other	None (Black Label)	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Air	Other (specify):	Analyze For: TPHg/BTEX/MTBE TO-3M + TO-15M	RUSH TAT (Pre-Schedule)	5-day TAT	Standard 10-day TAT	Due Date of Report
1	V-DSCHG	VEFF	12/28	1115	1L Tedlar	X												X						X		X			X	
2	V-OUT-VC2	VC2	"	1130	1L Tedlar	X												X						X		X			X	
3	V-OUT-VC1	VC1	"	1145	1L Tedlar	X												X						X		X			X	
4	V-INF-VC0	VC0	"	1200	1L Tedlar	X												X						X		X			X	

Comments/Special instructions: Vapor samples: Report in mg/m3 unit for pdf and edd

GLOBAL ID # (T0600100555)

PLEASE E-MAIL ALL PDF FILES TO (NORCALLABS@ERI-US.COM)

Relinquished by:		Date	Time	Received by:	Date	Time
J Heyman		12/29/10	1600			
Relinquished by:		Date	Time	Received by (Lab personnel):	Date	Time
				FEDEX	12/30/10	1030

Laboratory Comments:
Temperature Upon Receipt:
Sample Containers Intact? Y N
VOCs Free of Headspace? Y N
QC Deliverables (please circle one)
Level 2
Level 3
Level 4
Site Specific - if yes, please attach pre-schedule w/ TestAmerica Project Manager or attach specific instructions

2312

FedEx Express **US Airbill** FedEx Tracking Number **8723 4204 5230**

[redacted]

RECIPIENT: PEEL HERE

1 From This portion can be removed for Recipient's records.

Date 12/29/10 FedEx Tracking Number 872342045230

Sender's Name Jon Herman Phone 707 766 2000

Company ENVIRONMENTAL RESOLUTIONS INC

Address 601 N MCDOWELL BLVD

Dept/Floor/Suite/Room

City PETALUMA State CA ZIP 94954-2312

2 Your Internal Billing Reference 2029

3 To

Recipient's Name Sample Receiving Phone 714 895 5494

Company Cal Science

Address 7440 Lincoln Way

We cannot deliver to P.O. boxes or P.O. ZIP codes.

HOLD Weekday — FedEx location address REQUIRED. NOT available for FedEx First Overnight.

Address

Use this line for the HOLD location address or for continuation of your shipping address.

HOLD Saturday — FedEx location address REQUIRED. Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

City Garden Grove State CA ZIP 92841

8723 4204 5230

4a Express Package Service *To most locations.

- [X] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.
- [ ] FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

4b Express Freight Service **To most locations.

- [ ] FedEx 1Day Freight — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- [ ] FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

FedEx 1Day Freight Booking No.

5 Packaging *Declared value limit $500.

- [ ] FedEx Envelope*
- [ ] FedEx Pak* — Includes FedEx Small Pak and FedEx Large Pak.
- [X] F... B...

6 Special Handling and Delivery Signature Options

- [ ] SATURDAY Delivery — NOT available for FedEx Standard Overnight, FedEx Express Saver, or FedEx 3Day Freight.
- [ ] No Signature Required — Package may be left without obtaining a signature for delivery.
- [ ] Direct Signature — Someone at recipient's address may sign for delivery. Fee applies.

Does this shipment contain dangerous goods? One box must be checked.

- [X] No
- [ ] Yes — As per attached Shipper's Declaration.
- [ ] Yes — Shipper's Declaration not required.

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging or placed in a FedEx Express Drop Box.

7 Payment *Bill to:*

Enter FedEx Acct. No. or Credit Card No. below.

- [ ] Sender — Acct. No. in Section 1 will be billed.
- [X] Recipient
- [ ] Third Party

[redacted]

Total Packages 1 Total Weight 1 lbs.

[redacted]

[1]Our liability is limited to $100 unless you declare a higher value. See the current FedEx Service Guide for details.

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Calscience Environmental Laboratories, Inc.

WORK ORDER #: 10-12-2312

SAMPLE RECEIPT FORM

Box 1 of 1

CLIENT: CARINO ERI DATE: 12/30/10

TEMPERATURE: Thermometer ID: SC1 (Criteria: 0.0 °C – 6.0 °C, not frozen)

Temperature ____.____ °C + 0.5 °C (CF) = ____.____ °C ☐ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____).

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

☐ Received at ambient temperature, placed on ice for transport by Courier.

Ambient Temperature: ☑ Air ☐ Filter Initial: PS

CUSTODY SEALS INTACT:

☐ Box ☐_____ ☐ No (Not Intact) ☑ Not Present ☐ N/A Initial: PS

☐ Sample ☐_____ ☐ No (Not Intact) ☑ Not Present Initial: PS

SAMPLE CONDITION:	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
☐ Collection date/time, matrix, and/or # of containers logged in based on sample labels.			
☐ No analysis requested. ☐ Not relinquished. ☐ No date/time relinquished.			
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and good condition	☐	☑	☐
Proper containers and sufficient volume for analyses requested	☑	☐	☐
Analyses received within holding time	☑	☐	☐
pH / Residual Chlorine / Dissolved Sulfide received within 24 hours	☐	☐	☑
Proper preservation noted on COC or sample container	☐	☐	☑
☐ Unpreserved vials received for Volatiles analysis			
Volatile analysis container(s) free of headspace	☐	☐	☑
Tedlar bag(s) free of condensation	☑	☐	☐

CONTAINER TYPE:

Solid: ☐4ozCGJ ☐8ozCGJ ☐16ozCGJ ☐Sleeve (_____) ☐EnCores® ☐TerraCores® ☐_____

Water: ☐VOA ☐VOAh ☐VOAna_2 ☐125AGB ☐125AGBh ☐125AGBp ☐1AGB ☐1AGBna_2 ☐1AGBs ☐500AGB ☐500AGJ ☐500AGJs ☐250AGB ☐250CGB ☐250CGBs ☐1PB ☐500PB ☐500PBna ☐250PB ☐250PBn ☐125PB ☐125PBznna ☐100PJ ☐100PJna_2 ☐_____ ☐_____ ☐_____

Air: ☑Tedlar® ☐Summa® **Other:** ☐_____ **Trip Blank Lot#:**_____ **Labeled/Checked by:** PS

Container: C: Clear A: Amber P: Plastic G: Glass J: Jar B: Bottle Z: Ziploc/Resealable Bag E: Envelope **Reviewed by:** PC

Preservative: h: HCL n: HNO_3 na_2:$Na_2S_2O_3$ na: NaOH p: H_3PO_4 s: H_2SO_4 znna: $ZnAc_2$+NaOH f: Field-filtered **Scanned by:** _____

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 10-12-[2][3][1][2]

SAMPLE ANOMALY FORM

SAMPLES - CONTAINERS & LABELS: **Comments:**

- ☐ **Sample(s)/Container(s) NOT RECEIVED but listed on COC**
- ☐ **Sample(s)/Container(s) received but NOT LISTED on COC**
- ☐ **Holding time expired** – list sample ID(s) and test
- ☐ **Insufficient quantities for analysis** – list test
- ☐ **Improper container(s) used** – list test
- ☐ **Improper preservative used** – list test
- ☐ **No preservative noted on COC or label** – list test & notify lab
- ☐ **Sample labels illegible** – note test/container type
- ☐ **Sample label(s) do not match COC** – Note in comments
  - ☐ **Sample ID**
  - ☐ **Date and/or Time Collected**
  - ☐ **Project Information**
  - ☐ **# of Container(s)**
  - ☐ **Analysis**
- ☐ **Sample container(s) compromised** – Note in comments
  - ☐ **Water present in sample container**
  - ☐ **Broken**
- ☐ **Sample container(s) not labeled**
- ☑ **Air sample container(s) compromised** – Note in comments: (-3) RECEIVED TEDLAR BAG LEAKING.
  - ☐ **Flat**
  - ☐ **Very low in volume**
  - ☐ **Leaking (Not transferred - duplicate bag submitted)**
  - ☑ **Leaking (transferred into Calscience Tedlar® Bag*)**
  - ☐ **Leaking (transferred into Client's Tedlar® Bag*)**
- ☐ **Other:** _____

HEADSPACE – Containers with Bubble > 6mm or ¼ inch:

Sample #	Container ID(s)	# of Vials Received	Sample #	Container ID(s)	# of Vials Received	Sample #	Container ID(s)	# of Cont. received	Analysis

Comments: _____

*Transferred at Client's request.

Initial / Date: PS 12/30/10

Calscience
Environmental
Laboratories, Inc.

November 03, 2010

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

Subject: **Calscience Work Order No.: 10-10-2115**
Client Reference: ExxonMobil 70104 / 022506

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 10/27/2010 and analyzed in accordance with the attached chain-of-custody.

Calscience Environmental Laboratories certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. 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

Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received: 10/27/10
Work Order No: 10-10-2115
Preparation: EPA 5030C
Method: EPA 8015B (M)

Project: ExxonMobil 70104 / 022506

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-PSP-1	**10-10-2115-1-D**	**10/25/10 12:30**	**Aqueous**	**GC 42**	**10/28/10**	**10/28/10 11:55**	**101028B01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	50	1	U	ug/L

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	63	38-134	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-OUT-WC2	**10-10-2115-2-D**	**10/25/10 12:45**	**Aqueous**	**GC 42**	**10/28/10**	**10/28/10 12:31**	**101028B01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	50	1	U	ug/L

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	53	38-134	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-OUT-WC1	**10-10-2115-3-D**	**10/25/10 13:00**	**Aqueous**	**GC 42**	**10/28/10**	**10/28/10 13:08**	**101028B01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	350	50	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	48	38-134	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-INF-HT	**10-10-2115-4-D**	**10/25/10 13:15**	**Aqueous**	**GC 42**	**10/28/10**	**10/28/10 13:45**	**101028B01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	520	50	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	43	38-134	

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

Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received: 10/27/10
Work Order No: 10-10-2115
Preparation: EPA 5030C
Method: EPA 8015B (M)

Project: ExxonMobil 70104 / 022506

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-436-5,423**	**N/A**	**Aqueous**	**GC 42**	**10/28/10**	**10/28/10 07:02**	**101028B01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	50	1	U	ug/L

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	68	38-134	

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

Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received:	10/27/10
Work Order No:	10-10-2115
Preparation:	EPA 5030C
Method:	EPA 8021B
Units:	ug/L

Project: ExxonMobil 70104 / 022506

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-PSP-1	**10-10-2115-1-A**	**10/25/10 12:30**	**Aqueous**	**GC 8**	**10/28/10**	**10/28/10 18:41**	**101028B01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1	U	Xylenes (total)	ND	1.0	1	U
Toluene	ND	0.50	1	U	Methyl-t-Butyl Ether (MTBE)	25	5.0	1	
Ethylbenzene	ND	0.50	1	U					

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	109	70-130	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-OUT-WC2	**10-10-2115-2-A**	**10/25/10 12:45**	**Aqueous**	**GC 8**	**10/28/10**	**10/28/10 20:13**	**101028B01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1	U	Xylenes (total)	ND	1.0	1	U
Toluene	ND	0.50	1	U	Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	U
Ethylbenzene	ND	0.50	1	U					

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	84	70-130	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-OUT-WC1	**10-10-2115-3-A**	**10/25/10 13:00**	**Aqueous**	**GC 8**	**10/28/10**	**10/28/10 20:44**	**101028B01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	2.5	5	U	Xylenes (total)	ND	5.0	5	U
Toluene	ND	2.5	5	U	Methyl-t-Butyl Ether (MTBE)	600	25	5	
Ethylbenzene	ND	2.5	5	U					

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	90	70-130	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-INF-HT	**10-10-2115-4-A**	**10/25/10 13:15**	**Aqueous**	**GC 8**	**10/28/10**	**10/28/10 21:15**	**101028B01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	2.5	5	U	Xylenes (total)	ND	5.0	5	U
Toluene	ND	2.5	5	U	Methyl-t-Butyl Ether (MTBE)	830	25	5	
Ethylbenzene	ND	2.5	5	U					

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	94	70-130	

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

Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received: 10/27/10
Work Order No: 10-10-2115
Preparation: EPA 5030C
Method: EPA 8021B
Units: ug/L

Project: ExxonMobil 70104 / 022506

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-667-953**	**N/A**	**Aqueous**	**GC 8**	**10/28/10**	**10/28/10 12:01**	**101028B01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1	U	Xylenes (total)	ND	1.0	1	U
Toluene	ND	0.50	1	U	Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	U
Ethylbenzene	ND	0.50	1	U					

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	96	70-130	

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

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

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

Date Received: 10/27/10
Work Order No: 10-10-2115
Preparation: EPA 5030C
Method: EPA 8015B (M)

Project ExxonMobil 70104 / 022506

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
10-10-2099-1	**Aqueous**	**GC 42**	**10/28/10**	**10/28/10**	**101028S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	95	83	68-122	13	0-18	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

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

Date Received: 10/27/10
Work Order No: 10-10-2115
Preparation: EPA 5030C
Method: EPA 8021B

Project ExxonMobil 70104 / 022506

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
W-PSP-1	**Aqueous**	**GC 8**	**10/28/10**	**10/28/10**	**101028S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	103	103	57-129	0	0-23	
Toluene	101	100	50-134	1	0-26	
Ethylbenzene	99	99	58-130	1	0-26	
Xylenes (total)	93	92	57-123	1	0-26	
Methyl-t-Butyl Ether (MTBE)	80	76	44-134	4	0-27	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

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

Date Received: N/A
Work Order No: 10-10-2115
Preparation: EPA 5030C
Method: EPA 8015B (M)

Project: ExxonMobil 70104 / 022506

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-436-5,423	Aqueous	GC 42	10/28/10	10/28/10	101028B01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	104	100	78-120	4	0-10	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

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

Date Received: N/A
Work Order No: 10-10-2115
Preparation: EPA 5030C
Method: EPA 8021B

Project: ExxonMobil 70104 / 022506

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-667-953	Aqueous	GC 8	10/28/10	10/28/10	101028B01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	105	105	70-118	0	0-9	
Toluene	102	101	66-114	1	0-9	
Ethylbenzene	100	99	72-114	2	0-9	
Xylenes (total)	103	102	72-114	1	0-9	
Methyl-t-Butyl Ether (MTBE)	108	111	41-137	3	0-13	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 10-10-2115

Qualifier	Definition
*	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 or PES/PESD 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 without further clarification.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
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.
ME	LCS recovery percentage is within LCS ME control limit range.
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.
U	Undetected at detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture.

Sandy Tat

From: Judy Hutton [judy.hutton@cardno.com]
Sent: Wednesday, November 03, 2010 3:19 PM
To: Sandy Tat
Subject: RE: ExxonMobil 70104 / 022506 (10-10-2115)
Attachments: 2506 Revised COC.pdf

Hi Sandy,

Please find attached the revised COC for 70104. I have include the sampling date on the COC.

Thank you,
Judy

Judy Hutton
Operations & Maintenance Administrator
Cardno ERI
Phone: 707 766 2000
Direct: 707 766 2016
Mobile: 707 338 8399
Fax: 707 789 0414

From: David R. Daniels
Sent: Wednesday, November 03, 2010 11:46 AM
To: Judy Hutton
Subject: FW: ExxonMobil 70104 / 022506 (10-10-2115)

See below

From: Sandy Tat [mailto:STat@calscience.com]
Sent: Wednesday, November 03, 2010 11:27 AM
To: David R. Daniels
Subject: ExxonMobil 70104 / 022506 (10-10-2115)

Hi David,

Please fill in the sampling date.

Thanks,

Sandy Tat
Project Manager Assistant
Calscience Environmental Laboratories, Inc.
7440 Lincoln Way
Garden Grove, CA 92841-1427
Phone: 714-895-5494 x220
Fax: 714-894-7501
STat@calscience.com

Calscience Environmental Laboratories, Inc.

7440 Lincoln Way
Garden Grove, CA 92841

Phone: 714-895-5494
Fax: 714-894-7501

2115

ExxonMobil

Consultant Name: Environmental Resolutions, Inc.
Consultant Address: 601 North McDowell Blvd
Consultant City/State/Zip: Petaluma, California 94954
ExxonMobil Project Mgr: Jennifer C. Sedlachek
Consultant Project Mgr: Paula Sime
Consultant Telephone Number: (707) 766-2000 **Fax No.:** (707) 789-0414
Sampler Name (Print): J. Herrmann
Sampler Signature: J. Herrmann

Account #: NA **PO#:** 4508883634
Invoice To: Jennifer C. Sedlachek
Report To: Paula Sime
Project Name: 022506 11X (Oct)
ExxonMobil Site #: 70104 **Major Project (AFE #):**
Site Address: 1725 Park Street
Site City, State, Zip: Alameda, California
Oversight Agency:

	Sample ID	Field Point Name	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl (Blue Label)	NaOH (Orange Label)	H_2SO_4 Plastic (Yellow Label)	H_2SO_4 Glass (Yellow Label)	HNO_3 (Red Label)	Ice	Other	None (Black Label)	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Air	Other (specify):	Analyze For: 8015B TPHg	8021B BTEX	8021B (M) MTBE	RUSH TAT (Pre-Schedule)	5-day TAT	Standard 10-day TAT	Due Date of Report
1	W-PSP-1	WEFF	10-25-10	1230	4 VOA	X					X					X			X							X	X	X		X		
2	W-OUT-WC2	WC2	10-25-10	1245	4 VOA	X					X					X			X							X	X	X		X		
3	W-OUT-WC1	WC1	10-25-10	1300	4 VOA	X					X					X			X							X	X	X		X		
4	W-INF-HT	WHT	10-25-10	1315	4 VOA	X					X					X			X							X	X	X		X		

Comments/Special Instructions:

GLOBAL ID # (T0600100555)

PLEASE E-MAIL ALL PDF FILES TO (NORCALLABS@ERI-US.COM)

Relinquished by:		Date	Time	Received by:	Date	Time
J. Herrmann		10/26/10	1700	CEL	10-26-10	1430
	to FED	10-26-10	1730		10/27/10	1040

Laboratory Comments:
Temperature Upon Receipt:
Sample Containers Intact? Y N
VOCs Free of Headspace? Y N
QC Deliverables (please circle one)
Level 2
Level 3
Level 4
Site Specific - if yes, please attach pre-schedule w/ TestAmerica Project Manager or attach specific instructions

Calscience Environmental Laboratories, Inc.

7440 Lincoln Way
Garden Grove, CA 92841

Phone: 714-895-5494
Fax: 714-894-7501

(2115)

ExxonMobil

Consultant Name:	Environmental Resolutions, Inc.
Consultant Address:	601 North McDowell Blvd
Consultant City/State/Zip:	Petaluma, California 94954
ExxonMobil Project Mgr:	Jennifer C. Sedlachek
Consultant Project Mgr:	Paula Sime
Consultant Telephone Number:	(707) 766-2000
Fax No.:	(707) 789-0414
Sampler Name (Print):	Jon Herman
Sampler Signature:	J. Herman
Account #:	NA
PO#:	4508883534
Invoice To:	Jennifer C. Sedlachek
Report To:	Paula Sime
Project Name:	022506 11X (Oct)
ExxonMobil Site #:	70104
Major Project (AFE #):	
Site Address:	1725 Park Street
Site City, State, Zip:	Alameda, California
Oversight Agency:	

	Sample ID	Field Point Name	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl (Blue Label)	NaOH (Orange Label)	H_2SO_4 Plastic (Yellow Label)	H_2SO_4 Glass (Yellow Label)	HNO_3 (Red Label)	Ice	Other	None (Black Label)	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Air	Other (specify):	Analyze For: 8015B TPHg	8021B BTEX	8021B (M) MTBE									RUSH TAT (Pre-Schedule)	5-day TAT	Standard 10-day TAT	Due Date of Report
1	W-PSP-1	WEFF		1230	4 VOA	X					X					X			X							X	X	X										X		
2	W-OUT-WC2	WC2		1245	4 VOA	X					X					X			X							X	X	X										X		
3	W-OUT-WC1	WC1		1300	4 VOA	X					X					X			X							X	X	X										X		
4	W-INF-HT	WHT		1315	4 VOA	X					X					X			X							X	X	X										X		

Comments/Special Instructions:

GLOBAL ID # (T0600100555)

PLEASE E-MAIL ALL PDF FILES TO (NORCALLABS@ERI-US.COM)

Relinquished by:	Date	Time	Received by:	Date	Time
J Herman	10/26/10	1200	CEL	10-26-10	1430
Relinquished by:	Date	Time	Received by (Lab personnel):	Date	Time
[signature] to GSO	10-26-10	1730	[signature]	10/27/10	1040

Laboratory Comments:

Temperature Upon Receipt:		
Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N

QC Deliverables (please circle one)

Level 2
Level 3
Level 4
Site Specific - if yes, please attach pre-schedule w/ TestAmerica Project Manager or attach specific instructions

2115

GSO

< WebShip > > > > >

800-322-5555 www.gso.com

Ship From:
ALAN KEMP
CAL SCIENCE- CONCORD
5063 COMMERCIAL CIRCLE #H
CONCORD, CA 94520

Ship To:
SAMPLE RECEIVING
CEL
7440 LINCOLN WAY
GARDEN GROVE, CA 92841

COD:
$0.00

Reference:
ERI

Delivery Instructions:

Signature Type:
SIGNATURE REQUIRED

Tracking #: 515231577

NPS

ORC

D

GARDEN GROVE

D92843A

85810848

Print Date : 10/26/10 16:46 PM

Package 1 of 1

Send Label To Printer ☑ Print All Edit Shipment Finish

LABEL INSTRUCTIONS:

Do not copy or reprint this label for additional shipments - each package must have a unique barcode.

STEP 1 - Use the "Send Label to Printer" button on this page to print the shipping label on a laser or inkjet printer.
STEP 2 - Fold this page in half.
STEP 3 - Securely attach this label to your package, do not cover the barcode.
STEP 4 - Request an on-call pickup for your package, if you do not have scheduled daily pickup service or Drop-off your package at the nearest GSO drop box. Locate nearest GSO dropbox locations using this link.

ADDITIONAL OPTIONS:

Send Label Via Email Create Return Label

TERMS AND CONDITIONS:

By giving us your shipment to deliver, you agree to all the service terms and conditions described in this section.
Our liability for loss or damage to any package is limited to your actual damages or $100 whichever is less, unless you pay for and declare a higher authorized value. If you declare a higher value and pay the additional charge, our liability will be the lesser of your declared value or the actual value of your loss or damage. In any event, we will not be liable for any damage, whether direct, incidental, special or consequential, in excess of the declared value of a shipment whether or not we had knowledge that such damage might be incurred including but not limited to loss of income or profit. We will not be liable for your acts or omissions, including but not limited to improper or insufficient packaging, securing, marking or addressing. Also, we will not be liable if you or the recipient violates any of the terms of our agreement. We will not be liable for loss, damage or delay caused by events we cannot control, including but not limited to acts of God, perils of the air, weather conditions, act of public enemies, war, strikes, or civil commotion. The highest declared value for our GSO Priority Letter or GSO Priority Package is $500. For other shipments the highest declared value is $10,000 unless your package contains items of "extraordinary value", in which case the highest declared value we allow is $500. Items of "extraordinary value" include, but or not limited to, artwork, jewelry, furs, precious metals, tickets, negotiable instruments and other items with intrinsic value.

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 10-10-2115

SAMPLE RECEIPT FORM

Cooler 1 of 1

CLIENT: ERD DATE: 10/27/10

TEMPERATURE: Thermometer ID: SC1 (Criteria: 0.0 °C – 6.0 °C, not frozen)

Temperature 3.1 °C + 0.5 °C (CF) = 3.6 °C ☑ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____).

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

☐ **Received at ambient temperature, placed on ice for transport by Courier.**

Ambient Temperature: ☐ Air ☐ Filter Initial: JP

CUSTODY SEALS INTACT:

☑ Cooler ☐_____ ☐ No (Not Intact) ☐ Not Present ☐ N/A Initial: JP

☐ Sample ☐_____ ☐ No (Not Intact) ☑ Not Present Initial: LOSc

SAMPLE CONDITION:	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☐	☑	☐
☑ Collection date/time, matrix, and/or # of containers logged in based on sample labels.			
☐ No analysis requested. ☐ Not relinquished. ☐ No date/time relinquished.			
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and good condition	☑	☐	☐
Proper containers and sufficient volume for analyses requested	☑	☐	☐
Analyses received within holding time	☑	☐	☐
pH / Residual Chlorine / Dissolved Sulfide received within 24 hours	☐	☐	☑
Proper preservation noted on COC or sample container	☑	☐	☐
☐ Unpreserved vials received for Volatiles analysis			
Volatile analysis container(s) free of headspace	☑	☐	☐
Tedlar bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE:

Solid: ☐4ozCGJ ☐8ozCGJ ☐16ozCGJ ☐Sleeve (_____) ☐EnCores® ☐TerraCores® ☐_____

Water: ☐VOA ☑4 VOAh ☐VOA**na$_2$** ☐125AGB ☐125AGBh ☐125AGBp ☐1AGB ☐1AGB**na$_2$** ☐1AGBs ☐500AGB ☐500AGJ ☐500AGJs ☐250AGB ☐250CGB ☐250CGBs ☐1PB ☐500PB ☐500PB**na** ☐250PB ☐250PBn ☐125PB ☐125PB**znna** ☐100PJ ☐100PJ**na$_2$** ☐_____ ☐_____ ☐_____

Air: ☐Tedlar® ☐Summa® **Other:** ☐_____ **Trip Blank Lot#:**_____ **Labeled/Checked by:** LOSc

Container: C: Clear A: Amber P: Plastic G: Glass J: Jar B: Bottle Z: Ziploc/Resealable Bag E: Envelope **Reviewed by:** YC

Preservative: h: HCL n: HNO_3 **na$_2$**:$Na_2S_2O_3$ **na**: NaOH p: H_3PO_4 s: H_2SO_4 **znna**: $ZnAc_2$+NaOH f: Field-filtered **Scanned by:** YC

Calscience
Environmental
Laboratories, Inc.

November 24, 2010

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

Subject: **Calscience Work Order No.: 10-11-1379**
Client Reference: ExxonMobil 70104 / 022506

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 11/17/2010 and analyzed in accordance with the attached chain-of-custody.

Calscience Environmental Laboratories certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. 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

Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received: 11/17/10
Work Order No: 10-11-1379
Preparation: EPA 5030C
Method: EPA 8015B (M)

Project: ExxonMobil 70104 / 022506

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-PSP-1	**10-11-1379-1-D**	**11/16/10 11:00**	**Aqueous**	**GC 42**	**11/20/10**	**11/20/10 16:15**	**101120B02**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	50	1	U	ug/L

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	83	38-134	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-OUT-WC2	**10-11-1379-2-D**	**11/16/10 11:15**	**Aqueous**	**GC 42**	**11/22/10**	**11/23/10 00:49**	**101122B01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	50	1	U	ug/L

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	86	38-134	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-OUT-WC1	**10-11-1379-3-D**	**11/16/10 11:30**	**Aqueous**	**GC 42**	**11/22/10**	**11/23/10 01:25**	**101122B01**

Comment(s): -The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	430	50	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	84	38-134	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-INF-HT	**10-11-1379-4-D**	**11/16/10 11:45**	**Aqueous**	**GC 42**	**11/22/10**	**11/23/10 02:01**	**101122B01**

Comment(s): -The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	540	50	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	88	38-134	

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Environmental Resolutions, Inc.	Date Received: 11/17/10
601 North McDowell Blvd.	Work Order No: 10-11-1379
Petaluma, CA 94954-2312	Preparation: EPA 5030C
	Method: EPA 8015B (M)

Project: ExxonMobil 70104 / 022506

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-436-5,535**	**N/A**	**Aqueous**	**GC 42**	**11/20/10**	**11/20/10 13:13**	**101120B02**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	50	1	U	ug/L

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	72	38-134	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-436-5,541**	**N/A**	**Aqueous**	**GC 42**	**11/22/10**	**11/22/10 12:58**	**101122B01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	50	1	U	ug/L

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	76	38-134	

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

Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received: 11/17/10
Work Order No: 10-11-1379
Preparation: EPA 5030C
Method: EPA 8021B
Units: ug/L

Project: ExxonMobil 70104 / 022506

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-PSP-1	**10-11-1379-1-A**	**11/16/10 11:00**	**Aqueous**	**GC 8**	**11/20/10**	**11/20/10 14:06**	**101120B01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1	U	Xylenes (total)	ND	1.0	1	U
Toluene	ND	0.50	1	U	Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	U
Ethylbenzene	ND	0.50	1	U					

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	93	70-130	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-OUT-WC2	**10-11-1379-2-A**	**11/16/10 11:15**	**Aqueous**	**GC 8**	**11/20/10**	**11/20/10 14:37**	**101120B01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1	U	Xylenes (total)	ND	1.0	1	U
Toluene	ND	0.50	1	U	Methyl-t-Butyl Ether (MTBE)	7.4	5.0	1	
Ethylbenzene	ND	0.50	1	U					

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	89	70-130	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-OUT-WC1	**10-11-1379-3-A**	**11/16/10 11:30**	**Aqueous**	**GC 8**	**11/20/10**	**11/20/10 15:08**	**101120B01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	2.5	5	U	Xylenes (total)	ND	5.0	5	U
Toluene	ND	2.5	5	U	Methyl-t-Butyl Ether (MTBE)	580	25	5	
Ethylbenzene	ND	2.5	5	U					

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	91	70-130	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-INF-HT	**10-11-1379-4-A**	**11/16/10 11:45**	**Aqueous**	**GC 8**	**11/20/10**	**11/20/10 15:39**	**101120B01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	2.5	5	U	Xylenes (total)	ND	5.0	5	U
Toluene	ND	2.5	5	U	Methyl-t-Butyl Ether (MTBE)	680	25	5	
Ethylbenzene	ND	2.5	5	U					

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	88	70-130	

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

Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received: 11/17/10
Work Order No: 10-11-1379
Preparation: EPA 5030C
Method: EPA 8021B
Units: ug/L

Project: ExxonMobil 70104 / 022506

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-667-977**	**N/A**	**Aqueous**	**GC 8**	**11/20/10**	**11/20/10 10:59**	**101120B01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1	U	Xylenes (total)	ND	1.0	1	U
Toluene	ND	0.50	1	U	Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	U
Ethylbenzene	ND	0.50	1	U					

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	94	70-130	

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

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

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

Date Received: 11/17/10
Work Order No: 10-11-1379
Preparation: EPA 5030C
Method: EPA 8015B (M)

Project ExxonMobil 70104 / 022506

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
W-PSP-1	**Aqueous**	**GC 42**	**11/20/10**	**11/20/10**	**101120S02**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	92	92	68-122	0	0-18	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

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

Date Received: 11/17/10
Work Order No: 10-11-1379
Preparation: EPA 5030C
Method: EPA 8015B (M)

Project ExxonMobil 70104 / 022506

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
10-11-1495-4	**Aqueous**	**GC 42**	**11/22/10**	**11/22/10**	**101122S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	117	118	68-122	1	0-18	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

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

Date Received: 11/17/10
Work Order No: 10-11-1379
Preparation: EPA 5030C
Method: EPA 8021B

Project ExxonMobil 70104 / 022506

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
W-PSP-1	**Aqueous**	**GC 8**	**11/20/10**	**11/20/10**	**101120S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	91	95	57-129	4	0-23	
Toluene	60	62	50-134	4	0-26	
Ethylbenzene	93	94	58-130	1	0-26	
Xylenes (total)	92	94	57-123	2	0-26	
Methyl-t-Butyl Ether (MTBE)	101	104	44-134	3	0-27	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

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

Date Received: N/A
Work Order No: 10-11-1379
Preparation: EPA 5030C
Method: EPA 8015B (M)

Project: ExxonMobil 70104 / 022506

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-436-5,535	**Aqueous**	**GC 42**	**11/20/10**	**11/20/10**	**101120B02**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	99	97	78-120	2	0-10	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Environmental Resolutions, Inc.	Date Received:	N/A
601 North McDowell Blvd.	Work Order No:	10-11-1379
Petaluma, CA 94954-2312	Preparation:	EPA 5030C
	Method:	EPA 8015B (M)

Project: ExxonMobil 70104 / 022506

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-436-5,541	Aqueous	GC 42	11/22/10	11/22/10	101122B01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	117	116	78-120	1	0-10	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

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

Date Received: N/A
Work Order No: 10-11-1379
Preparation: EPA 5030C
Method: EPA 8021B

Project: ExxonMobil 70104 / 022506

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-667-977	Aqueous	GC 8	11/20/10	11/20/10	101120B01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	87	93	70-118	6	0-9	
Toluene	94	96	66-114	3	0-9	
Ethylbenzene	94	96	72-114	2	0-9	
Xylenes (total)	94	97	72-114	3	0-9	
Methyl-t-Butyl Ether (MTBE)	94	101	41-137	7	0-13	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 10-11-1379

Qualifier	Definition
*	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 or PES/PESD 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 without further clarification.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
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.
ME	LCS recovery percentage is within LCS ME control limit range.
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.
U	Undetected at detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture.

Calscience Environmental Laboratories, Inc.
7440 Lincoln Way
Garden Grove, CA 92841
Phone: 714-895-5494
Fax: 714-894-7501

1379

ExxonMobil

Consultant Name: Environmental Resolutions, Inc.
Consultant Address: 601 North McDowell Blvd
Consultant City/State/Zip: Petaluma, California 94954
ExxonMobil Project Mgr: Jennifer C. Sedlachek
Consultant Project Mgr: Paula Sime
Consultant Telephone Number: (707) 766-2000 Fax No.: (707) 789-0414
Sampler Name (Print): Jon Iterman
Sampler Signature:

Account #: NA PO#: 4508883534
Invoice To: Jennifer C. Sedlachek
Report To: Paula Sime
Project Name: 022506 11X (Nov)
ExxonMobil Site #: 70104 Major Project (AFE #):
Site Address: 1725 Park Street
Site City, State, Zip: Alameda, California
Oversight Agency:

	Sample ID	Field Point Name	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl (Blue Label)	NaOH (Orange Label)	H_2SO_4 Plastic (Yellow Label)	H_2SO_4 Glass (Yellow Label)	HNO_3 (Red Label)	Ice	Other	None (Black Label)	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Air	Other (specify):	Analyze For: 8015B TPHg	8021B BTEX	8021B (M) MTBE	RUSH TAT (Pre-Schedule)	5-day TAT	Standard 10-day TAT	Due Date of Report
1	W-PSP-1	WEFF	11/16	1100	✓ 4 VOA	X					X					X			X							X	X	X		X		
2	W-OUT-WC2	WC2		1115	✓ 4 VOA	X					X					X			X							X	X	X		X		
3	W-OUT-WC1	WC1		1130	4 VOA	X					X					X			X							X	X	X		X		
4	W-INF-HT	WHT	✓	1145	4 VOA	X					X					X			X							X	X	X		X		

Comments/Special Instructions:

GLOBAL ID # (T0600100555)

PLEASE E-MAIL ALL PDF FILES TO (NORCALLABS@ERI-US.COM)

Laboratory Comments:
Temperature Upon Receipt:
Sample Containers Intact? Y N
VOCs Free of Headspace? Y N
QC Deliverables (please circle one)
Level 2
Level 3
Level 4
Site Specific - if yes, please attach pre-schedule w/ TestAmerica Project Manager or attach specific instructions

Relinquished by:	Date	Time	Received by:	Date	Time
J Iterman	11/16/10	1650	T. O'Malley CEC	11/16/10	1550
Relinquished by:	Date	Time	Received by (Lab personnel):	Date	Time
T. O'Malley ROSO	11/16/10	1730		11/17/10	1030

B379

GSO

WebShip > > > > >

800-322-5555 www.gso.com

Ship From:
ALAN KEMP
CAL SCIENCE- CONCORD
5063 COMMERCIAL CIRCLE #H
CONCORD, CA 94520

Ship To:
SAMPLE RECEIVING
CEL
7440 LINCOLN WAY
GARDEN GROVE, CA 92841

COD:
$0.00

Reference:
PREMIER ENV, ERI, PARSONS

Delivery Instructions:

Signature Type:
SIGNATURE REQUIRED

Tracking #: 515372604

NPS

ORC

D

GARDEN GROVE

D92843A

86390116

Print Date : 11/16/10 16:23 PM

Package 1 of 1

Send Label To Printer | ☑ Print All | Edit Shipment | Finish

LABEL INSTRUCTIONS:

Do not copy or reprint this label for additional shipments - each package must have a unique barcode.

STEP 1 - Use the "Send Label to Printer" button on this page to print the shipping label on a laser or inkjet printer.
STEP 2 - Fold this page in half.
STEP 3 - Securely attach this label to your package, do not cover the barcode.
STEP 4 - Request an on-call pickup for your package, if you do not have scheduled daily pickup service or Drop-off your package at the nearest GSO drop box. Locate nearest GSO dropbox locations using this link.

ADDITIONAL OPTIONS:

Send Label Via Email | Create Return Label

TERMS AND CONDITIONS:

By giving us your shipment to deliver, you agree to all the service terms and conditions described in this section.
Our liability for loss or damage to any package is limited to your actual damages or $100 whichever is less, unless you pay for and declare a higher authorized value. If you declare a higher value and pay the additional charge, our liability will be the lesser of your declared value or the actual value of your loss or damage. In any event, we will not be liable for any damage, whether direct, incidental, special or consequential, in excess of the declared value of a shipment whether or not we had knowledge that such damage might be incurred including but not limited to loss of income or profit. We will not be liable for your acts or omissions, including but not limited to improper or insufficient packaging, securing, marking or addressing. Also, we will not be liable if you or the recipient violates any of the terms of our agreement. We will not be liable for loss, damage or delay caused by events we cannot control, including but not limited to acts of God, perils of the air, weather conditions, act of public enemies, war, strikes, or civil commotion. The highest declared value for our GSO Priority Letter or GSO Priority Package is $500. For other shipments the highest declared value is $10,000 unless your package contains items of "extraordinary value", in which case the highest declared value we allow is $500. Items of "extraordinary value" include, but or not limited to, artwork, jewelry, furs, precious metals, tickets, negotiable instruments and other items with intrinsic value.

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 10-11-1379

SAMPLE RECEIPT FORM

Cooler 1 of 1

CLIENT: ERI

DATE: 11/17/10

TEMPERATURE: Thermometer ID: SC1 (Criteria: 0.0 °C – 6.0 °C, not frozen)

Temperature 3.3 °C + 0.5 °C (CF) = 3.8 °C ☑ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____).

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

☐ **Received at ambient temperature, placed on ice for transport by Courier.**

Ambient Temperature: ☐ Air ☐ Filter **Initial:** JP

CUSTODY SEALS INTACT:

☑ Cooler ☐_____ ☐ No (Not Intact) ☐ Not Present ☐ N/A **Initial:** JP

☐ Sample ☐_____ ☐ No (Not Intact) ☑ Not Present **Initial:** DT

SAMPLE CONDITION:	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
☐ Collection date/time, matrix, and/or # of containers logged in based on sample labels.			
☐ No analysis requested. ☐ Not relinquished. ☐ No date/time relinquished.			
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and good condition	☑	☐	☐
Proper containers and sufficient volume for analyses requested	☑	☐	☐
Analyses received within holding time	☑	☐	☐
pH / Residual Chlorine / Dissolved Sulfide received within 24 hours	☐	☐	☑
Proper preservation noted on COC or sample container	☑	☐	☐
☐ Unpreserved vials received for Volatiles analysis			
Volatile analysis container(s) free of headspace	☑	☐	☐
Tedlar bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE:

Solid: ☐4ozCGJ ☐8ozCGJ ☐16ozCGJ ☐Sleeve (_____) ☐EnCores® ☐TerraCores® ☐_____

Water: ☐VOA ☑VOAh (4) ☐VOA**na₂** ☐125AGB ☐125AGB**h** ☐125AGB**p** ☐1AGB ☐1AGB**na₂** ☐1AGB**s** ☐500AGB ☐500AGJ ☐500AGJ**s** ☐250AGB ☐250CGB ☐250CGB**s** ☐1PB ☐500PB ☐500PB**na** ☐250PB ☐250PB**n** ☐125PB ☐125PB**znna** ☐100PJ ☐100PJ**na₂** ☐_____ ☐_____ ☐_____

Air: ☐Tedlar® ☐Summa® **Other:** ☐_____ **Trip Blank Lot#:**_____ **Labeled/Checked by:** DT

Container: C: Clear A: Amber P: Plastic G: Glass J: Jar B: Bottle Z: Ziploc/Resealable Bag E: Envelope **Reviewed by:** DL

Preservative: h: HCL n: HNO_3 **na₂**: $Na_2S_2O_3$ na: NaOH p: H_3PO_4 s: H_2SO_4 znna: $ZnAc_2$+NaOH f: Field-filtered **Scanned by:** DL

Calscience Environmental Laboratories, Inc.

Supplemental Report 1

January 13, 2011

The original report has been revised/corrected.

Paula Sime
Cardno ERI
601 North McDowell Blvd.
Petaluma, CA 94954-2312

Subject: **Calscience Work Order No.: 11-01-0129**
Client Reference: ExxonMobil 70104 / 022506

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 1/5/2011 and analyzed in accordance with the attached chain-of-custody.

Calscience Environmental Laboratories certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. 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

Calscience Environmental Laboratories, Inc.

CASE NARRATIVE

Calscience Work Order No.: 11-01-0129
Client Reference: ExxonMobil 70104 / 022506

Note that the report has been amended due to the missing qualifier. The qualifier "U" was missing in the method blanks for all analyses. The "U" qualifier has been added and the revised report is attached.

Calscience Environmental Laboratories, Inc.

Analytical Report

Cardno ERI
601 North McDowell Blvd.
Petaluma, CA 94954-2312

Date Received: 01/05/11
Work Order No: 11-01-0129
Preparation: EPA 5030C
Method: EPA 8015B (M)

Project: ExxonMobil 70104 / 022506

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-PSP-1	**11-01-0129-1-D**	**12/28/10 12:15**	**Aqueous**	**GC 42**	**01/05/11**	**01/06/11 00:35**	**110105B01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	50	1	U	ug/L

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	80	38-134	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-OUT-WC2	**11-01-0129-2-D**	**12/28/10 12:30**	**Aqueous**	**GC 42**	**01/05/11**	**01/06/11 01:12**	**110105B01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	50	1	U	ug/L

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	81	38-134	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-OUT-WC1	**11-01-0129-3-D**	**12/28/10 12:45**	**Aqueous**	**GC 42**	**01/05/11**	**01/06/11 01:48**	**110105B01**

Comment(s): -The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	340	50	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	81	38-134	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-INF-HT	**11-01-0129-4-D**	**12/28/10 13:00**	**Aqueous**	**GC 42**	**01/05/11**	**01/06/11 02:24**	**110105B01**

Comment(s): -The sample chromatographic pattern for TPH does not match the chromatographic pattern of the specified standard. Quantitation of the unknown hydrocarbon(s) in the sample was based upon the specified standard.

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	360	50	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	53	38-134	

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Cardno ERI
601 North McDowell Blvd.
Petaluma, CA 94954-2312

Date Received: 01/05/11
Work Order No: 11-01-0129
Preparation: EPA 5030C
Method: EPA 8015B (M)

Project: ExxonMobil 70104 / 022506

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-436-5,713**	**N/A**	**Aqueous**	**GC 42**	**01/05/11**	**01/05/11 13:01**	**110105B01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	50	1	U	ug/L

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	61	38-134	

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Cardno ERI
601 North McDowell Blvd.
Petaluma, CA 94954-2312

Date Received: 01/05/11
Work Order No: 11-01-0129
Preparation: EPA 5030C
Method: EPA 8021B
Units: ug/L

Project: ExxonMobil 70104 / 022506

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-PSP-1	**11-01-0129-1-C**	**12/28/10 12:15**	**Aqueous**	**GC 8**	**01/05/11**	**01/05/11 23:29**	**110105B02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1	U	Xylenes (total)	ND	1.0	1	U
Toluene	ND	0.50	1	U	Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	U
Ethylbenzene	ND	0.50	1	U					
Surrogates:	REC (%)	Control Limits	Qual						
1,4-Bromofluorobenzene	100	70-130							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-OUT-WC2	**11-01-0129-2-C**	**12/28/10 12:30**	**Aqueous**	**GC 8**	**01/05/11**	**01/06/11 01:13**	**110105B02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1	U	Xylenes (total)	ND	1.0	1	U
Toluene	ND	0.50	1	U	Methyl-t-Butyl Ether (MTBE)	83	5.0	1	
Ethylbenzene	ND	0.50	1	U					
Surrogates:	REC (%)	Control Limits	Qual						
1,4-Bromofluorobenzene	101	70-130							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-OUT-WC1	**11-01-0129-3-C**	**12/28/10 12:45**	**Aqueous**	**GC 8**	**01/05/11**	**01/06/11 01:48**	**110105B02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1	U	Xylenes (total)	ND	1.0	1	U
Toluene	ND	0.50	1	U	Methyl-t-Butyl Ether (MTBE)	440	5.0	1	
Ethylbenzene	ND	0.50	1	U					
Surrogates:	REC (%)	Control Limits	Qual						
1,4-Bromofluorobenzene	98	70-130							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-INF-HT	**11-01-0129-4-D**	**12/28/10 13:00**	**Aqueous**	**GC 8**	**01/11/11**	**01/11/11 17:17**	**110111B01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	1.0	2	U	Xylenes (total)	ND	2.0	2	U
Toluene	ND	1.0	2	U	Methyl-t-Butyl Ether (MTBE)	650	10	2	
Ethylbenzene	ND	1.0	2	U					
Surrogates:	REC (%)	Control Limits	Qual						
1,4-Bromofluorobenzene	101	70-130							

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Cardno ERI
601 North McDowell Blvd.
Petaluma, CA 94954-2312

Date Received: 01/05/11
Work Order No: 11-01-0129
Preparation: EPA 5030C
Method: EPA 8021B
Units: ug/L

Project: ExxonMobil 70104 / 022506

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-667-1,015**	**N/A**	**Aqueous**	**GC 8**	**01/05/11**	**01/05/11 21:45**	**110105B02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1	U	Xylenes (total)	ND	1.0	1	U
Toluene	ND	0.50	1	U	Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	U
Ethylbenzene	ND	0.50	1	U					

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	101	70-130	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-667-1,020**	**N/A**	**Aqueous**	**GC 8**	**01/11/11**	**01/11/11 12:30**	**110111B01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1	U	Xylenes (total)	ND	1.0	1	U
Toluene	ND	0.50	1	U	Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	U
Ethylbenzene	ND	0.50	1	U					

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	101	70-130	

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

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Cardno ERI
601 North McDowell Blvd.
Petaluma, CA 94954-2312

Date Received: 01/05/11
Work Order No: 11-01-0129
Preparation: EPA 5030C
Method: EPA 8015B (M)

Project ExxonMobil 70104 / 022506

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
11-01-0074-1	**Aqueous**	**GC 42**	**01/05/11**	**01/05/11**	**110105S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	100	86	68-122	15	0-18	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Cardno ERI
601 North McDowell Blvd.
Petaluma, CA 94954-2312

Date Received: 01/05/11
Work Order No: 11-01-0129
Preparation: EPA 5030C
Method: EPA 8021B

Project ExxonMobil 70104 / 022506

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
W-PSP-1	**Aqueous**	**GC 8**	**01/05/11**	**01/06/11**	**110105S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	101	101	57-129	0	0-23	
Toluene	100	96	50-134	4	0-26	
Ethylbenzene	98	97	58-130	1	0-26	
Xylenes (total)	97	97	57-123	0	0-26	
Methyl-t-Butyl Ether (MTBE)	105	107	44-134	1	0-27	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Cardno ERI
601 North McDowell Blvd.
Petaluma, CA 94954-2312

Date Received: 01/05/11
Work Order No: 11-01-0129
Preparation: EPA 5030C
Method: EPA 8021B

Project ExxonMobil 70104 / 022506

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
11-01-0321-1	**Aqueous**	**GC 8**	**01/11/11**	**01/11/11**	**110111S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	109	105	57-129	4	0-23	
Toluene	106	104	50-134	1	0-26	
Ethylbenzene	105	102	58-130	3	0-26	
Xylenes (total)	103	100	57-123	3	0-26	
Methyl-t-Butyl Ether (MTBE)	80	78	44-134	2	0-27	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Cardno ERI		Date Received:	N/A
601 North McDowell Blvd.		Work Order No:	11-01-0129
Petaluma, CA 94954-2312		Preparation:	EPA 5030C
		Method:	EPA 8015B (M)

Project: ExxonMobil 70104 / 022506

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-436-5,713	**Aqueous**	**GC 42**	**01/05/11**	**01/05/11**	**110105B01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	106	107	78-120	1	0-10	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Cardno ERI
601 North McDowell Blvd.
Petaluma, CA 94954-2312

Date Received: N/A
Work Order No: 11-01-0129
Preparation: EPA 5030C
Method: EPA 8021B

Project: ExxonMobil 70104 / 022506

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-667-1,015	**Aqueous**	**GC 8**	**01/05/11**	**01/05/11**	**110105B02**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	100	106	70-118	5	0-9	
Toluene	99	103	66-114	4	0-9	
Ethylbenzene	97	99	72-114	3	0-9	
Xylenes (total)	96	99	72-114	3	0-9	
Methyl-t-Butyl Ether (MTBE)	102	108	41-137	6	0-13	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Cardno ERI
601 North McDowell Blvd.
Petaluma, CA 94954-2312

Date Received: N/A
Work Order No: 11-01-0129
Preparation: EPA 5030C
Method: EPA 8021B

Project: ExxonMobil 70104 / 022506

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-667-1,020	**Aqueous**	**GC 8**	**01/11/11**	**01/11/11**	**110111B01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	110	110	70-118	0	0-9	
Toluene	102	104	66-114	2	0-9	
Ethylbenzene	105	104	72-114	0	0-9	
Xylenes (total)	104	104	72-114	0	0-9	
Methyl-t-Butyl Ether (MTBE)	107	105	41-137	2	0-13	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 11-01-0129

Qualifier	Definition
*	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 or PES/PESD 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 without further clarification.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
ME	LCS recovery percentage is within LCS ME control limit range.
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.
QO	Compound did not meet ID guidelines. Addit. GC/MS ID params used.
U	Undetected at detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture.

0129

Calscience Environmental Laboratories, Inc.

7440 Lincoln Way
Garden Grove, CA 92841

Phone: 714-895-5494
Fax: 714-894-7501

ExxonMobil

Consultant Name: Cardno ERI
Consultant Address: 601 North McDowell Blvd
Consultant City/State/Zip: Petaluma, California 94954
ExxonMobil Project Mgr: Jennifer C. Sedlachek
Consultant Project Mgr: Paula Sime
Consultant Telephone Number: (707) 766-2000 Fax No.: (707) 789-0414
Sampler Name (Print): J Herman
Sampler Signature:

Account #: NA PO#: 4508883534
Invoice To: Jennifer C. Sedlachek
Report To: Paula Sime
Project Name: 022506 11X (Dec)
ExxonMobil Site #: 70104 Major Project (AFE #):
Site Address: 1725 Park Street
Site City, State, Zip: Alameda, California
Oversight Agency:

	Sample ID	Field Point Name	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl (Blue Label)	NaOH (Orange Label)	H_2SO_4 Plastic (Yellow Label)	H_2SO_4 Glass (Yellow Label)	HNO_3 (Red Label)	Ice	Other	None (Black Label)	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Air	Other (specify):	Analyze For: 8015B TPHg	8021B BTEX	8021B (M) MTBE	RUSH TAT (Pre-Schedule)	5-day TAT	Standard 10-day TAT	Due Date of Report
1	W-PSP-1	WEFF	12/29/10	1215	4 VOA	X					X					X			X							X	X	X		X		
2	W-OUT-WC2	WC2		1230	4 VOA	X					X					X			X							X	X	X		X		
3	W-OUT-WC1	WC1		1245	4 VOA	X					X					X			X							X	X	X		X		
4	W-INF-HT	WHT		1300	4 VOA	X					X					X			X							X	X	X		X		

Comments/Special Instructions:

GLOBAL ID # (T0600100555)

PLEASE E-MAIL ALL PDF FILES TO (NORCALLABS@ERI-US.COM)

Relinquished by:	Date	Time	Received by:	Date	Time
J Herman	12/31/10	1600	T. Smalley CEC	1/4/11	1320
Relinquished by:	Date	Time	Received by (Lab personnel):	Date	Time
	1/4/11	1730		1/5/11	10:30

Laboratory Comments:
Temperature Upon Receipt:
Sample Containers Intact? Y N
VOCs Free of Headspace? Y N
QC Deliverables (please circle one)
Level 2
Level 3
Level 4
Site Specific - if yes, please attach pre-schedule w/ TestAmerica Project Manager or attach specific instructions

0129

GSO

< WebShip > > > > >

800-322-5555 www.gso.com

Ship From:
ALAN KEMP
CAL SCIENCE- CONCORD
5063 COMMERCIAL CIRCLE #H
CONCORD, CA 94520

Ship To:
SAMPLE RECEIVING
CEL
7440 LINCOLN WAY
GARDEN GROVE, CA 92841

COD:
$0.00

Reference:
CARDNO ERI

Delivery Instructions:

Signature Type:
SIGNATURE REQUIRED

Tracking #: 515685617

NPS

ORC D

GARDEN GROVE

D92843A

87616283

Print Date : 01/04/11 16:56 PM

Package 1 of 1

Send Label To Printer | ☑ Print All | Edit Shipment | Finish

LABEL INSTRUCTIONS:

Do not copy or reprint this label for additional shipments - each package must have a unique barcode.

STEP 1 - Use the "Send Label to Printer" button on this page to print the shipping label on a laser or inkjet printer.

STEP 2 - Fold this page in half.

STEP 3 - Securely attach this label to your package, do not cover the barcode.

STEP 4 - Request an on-call pickup for your package, if you do not have scheduled daily pickup service or Drop-off your package at the nearest GSO drop box. Locate nearest GSO dropbox locations using this link.

ADDITIONAL OPTIONS:

Send Label Via Email | Create Return Label

TERMS AND CONDITIONS:

By giving us your shipment to deliver, you agree to all the service terms and conditions described in this section.
Our liability for loss or damage to any package is limited to your actual damages or $100 whichever is less, unless you pay for and declare a higher authorized value. If you declare a higher value and pay the additional charge, our liability will be the lesser of your declared value or the actual value of your loss or damage. In any event, we will not be liable for any damage, whether direct, incidental, special or consequential, in excess of the declared value of a shipment whether or not we had knowledge that such damage might be incurred including but not limited to loss of income or profit. We will not be liable for your acts or omissions, including but not limited to improper or insufficient packaging, securing, marking or addressing. Also, we will not be liable if you or the recipient violates any of the terms of our agreement. We will not be liable for loss, damage or delay caused by events we cannot control, including but not limited to acts of God, perils of the air, weather conditions, act of public enemies, war, strikes, or civil commotion. The highest declared value for our GSO Priority Letter or GSO Priority Package is $500. For other shipments the highest declared value is $10,000 unless your package contains items of "extraordinary value", in which case the highest declared value we allow is $500. Items of "extraordinary value" include, but or not limited to, artwork, jewelry, furs, precious metals, tickets, negotiable instruments and other items with intrinsic value.

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 11-01-0127

SAMPLE RECEIPT FORM

Cooler 1 of 1

CLIENT: CARLSBAD ERI DATE: 01/05/11

TEMPERATURE: Thermometer ID: SC1 (Criteria: 0.0 °C – 6.0 °C, not frozen)

Temperature 1.0 °C + 0.5 °C (CF) = 1.5 °C ☑ Blank ☐ Sample

☐ Sample(s) outside temperature criteria (PM/APM contacted by: _____).

☐ Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling.

☐ **Received at ambient temperature, placed on ice for transport by Courier.**

Ambient Temperature: ☐ Air ☐ Filter **Initial:** RS

CUSTODY SEALS INTACT:

☑ Cooler ☐ _____ ☐ No (Not Intact) ☐ Not Present ☐ N/A **Initial:** RS

☐ Sample ☐ _____ ☐ No (Not Intact) ☑ Not Present **Initial:** FY

SAMPLE CONDITION:	Yes	No	N/A
Chain-Of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
☐ Collection date/time, matrix, and/or # of containers logged in based on sample labels.			
☐ No analysis requested. ☐ Not relinquished. ☐ No date/time relinquished.			
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and good condition	☑	☐	☐
Proper containers and sufficient volume for analyses requested	☑	☐	☐
Analyses received within holding time	☑	☐	☐
pH / Residual Chlorine / Dissolved Sulfide received within 24 hours	☐	☐	☑
Proper preservation noted on COC or sample container	☑	☐	☐
☐ Unpreserved vials received for Volatiles analysis			
Volatile analysis container(s) free of headspace	☑	☐	☐
Tedlar bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE:

Solid: ☐4ozCGJ ☐8ozCGJ ☐16ozCGJ ☐Sleeve (_____) ☐EnCores® ☐TerraCores® ☐_____

Water: ☐VOA ☑4 VOA**h** ☐VOA**na$_2$** ☐125AGB ☐125AGB**h** ☐125AGB**p** ☐1AGB ☐1AGB**na$_2$** ☐1AGB**s**

☐500AGB ☐500AGJ ☐500AGJ**s** ☐250AGB ☐250CGB ☐250CGB**s** ☐1PB ☐500PB ☐500PB**na**

☐250PB ☐250PB**n** ☐125PB ☐125PB**znna** ☐100PJ ☐100PJ**na$_2$** ☐_____ ☐_____ ☐_____

Air: ☐Tedlar® ☐Summa® **Other:** ☐_____ **Trip Blank Lot#:**_____ **Labeled/Checked by:** FY

Container: C: Clear A: Amber P: Plastic G: Glass J: Jar B: Bottle Z: Ziploc/Resealable Bag E: Envelope **Reviewed by:** DF

Preservative: h: HCL n: HNO_3 na$_2$: $Na_2S_2O_3$ na: NaOH p: H_3PO_4 s: H_2SO_4 znna: $ZnAc_2$+NaOH f: Field-filtered **Scanned by:** RS

APPENDIX C

FIELD DATA SHEETS

Daily Field Report

Cardno ERI

Cardno ERI
Shaping the Future

Project ID #: 70104 — **Cardno ERI Job # 022506201**

Subject: GW SAMPLING — **Date: 11/18/2010**

Equipment Used: SOLINST/HYDAC/PUMPS/BATTS'S/SAMPLING EQUIPMENT/ETC. — **Sheet: 1**

Name(s): WEST, DANIEL

Time Arrived On Site: 7:0 — **Time Departed Site: 13:45**

07:00	-ARRIVED ON SITE
	-INFORMED STATION OF WORK TO BE DONE
	-SET UP EXCLUSION ZONE AND CHOCKED THE WHEELS ON VEHICLE
	-REVIEWED APPLICABLE JSA'S
	-PERFORMED SPSA FOR: LIFTING TRAFFIC SIGNS
	-STARTED PAPERWORK FOR SITE AND LABELS
	-SET UP DECON/WORK AREA AND DECON'D EQUIPMENT
07:00	-HELD H&S MEETING/REVIEWED HOSPITAL ROUTE /FINISHED AT 07:15
07:15	-OPENED WELLS AND ALLOWED WELLS TO CHARGE
07:30	-STARTED TRAFFIC CONTROL /FINISHED AT 07:45
07:45	-STARTED MEASURING /FINISHED AT 08:00
07:45	-STARTED PURGING /FINISHED AT 12:30
08:00	-STARTED SAMPLING /FINISHED AT 13:30
09:00	-STARTED TRAFFIC CONTROL /FINISHED AT 09:15
12:30	-STARTED PURGE WATER TREATMENT (ONSITE) /FINISHED AT 13:15
	-DECON'D EQUIPMENT/CLEANED UP DECON STATION/LOADED TRUCK
	-BROKE DOWN EXCLUSION ZONE/LOADED TRUCK
13:45	-ERI CARDNO OFF SITE

*M/P/S 9 WELLS	*M/S 0 WELLS	M/S LOW FLOW 0 WELLS
*MO 3 WELLS	*O/P 0 WELLS	*POTABLE 0 WELLS

TOTAL PURGED GALLONS: 142 DECON WATER GALLONS: 20

*2 T/C SET UPS

DAILY FIELD REPORT

Cardno ERI

PROJECT: 70104 JOB # + ACTIVITY: 506 13

SUBJECT: QM DATE: 11/18/10

EQUIPMENT USED: SHEET: 1 OF 1

NAME: Danny West PROJECT MNGR: Paula

- Onsite 700 Cloudy
- Safety Meeting w/ Jake
- Set up traffic Control for MW 8, 9, 11
- Open Wells
- DTW Wells
  - DTW only EW 1, 3, 5
- Purged & Sampled MW: 1, 2, 3, 4, 5, 6, 7, 8, 9, 11

Decon 20 gal
Purge 142 gal
total 162 gal dumped to onsite system

- Offsite 1345

601 N. McDowell Boulevard, Petaluma, California 94954 707 766 2000 (Fax 707 789 0414)

WATER SAMPLING SITE STATUS

Date: 11/18/20

Inspected by: DW

ERI Job Number: 2506 Station No.: 710104 Site Address: 1725 Park St, Alameda

Well ID	Well Head Screws	Rubber Gasket	Well Cap Locking	Lock on Well Cap	Concrete Well Seal	Well Head PVC	Water in Well Vault	Tabs	Well Cover	Fence/Gate Condition	# Drums	Drum Contents	Building Condition	Site Appearance	Comments / Well Covers
	N/R/ok	N/R/ok	N/R/ok	N/R/ok	N/R/ok	N/R/ok	Y / N	N/R/ok	N/R/ok	N/R/ok		s/w/e	g/v/o	N/R/ok	
MW 1	ok	ok	ok	ok	ok	ok	N	ok	ok						
2	3/4						N								
3	ok						N								
4	ok						N								
5	ok						N								
6	1/4						N								
7	ok						N								
8	1/2 *						N								
9	1/2 *						N								
11	1/2 *						N								
EW 1	ok			N			N								
EW 3	ok			N			N								
EW 5	ok			N			N								

N = Not repairable in time available-see comments.
R = Repaired-see comments
ok = No action needed.

Y = Yes.
N = No.

s = Soil.
w = Water.
e = Empty.

g = Graffitti on walls.
v = Vagrants (or evidence of).
o = Open (not secured).

Depth to Water Data		QRT	4th	YEAR	2010		Calc Case Volume for purge	
ERI #	2506 13x						2" WELL x 0.163	
Site #	7-0104	Address:	1725 Park St., Alameda, CA				4" WELL x 0.652	
PM:	Paula Sime						6" WELL x 1.467	
Date:	11/18/2010						r (squared) x 0.163	
Tech:	DW			Recharge formula:				
DTW Time				Step 1►	Calc 80% in feet►		TD - PreDTW x .80 (ft)	=
Start:				Step 2►	Calc PostDTW (ft)►		TD - PostDTW (ft)	=
Finish:				Take ratio of result from Step 2 and Step 1 to find % recharge				

WELL ID	TD	PreDTW	CASE D	CASE V	PostDTW	Rechrg 80%	Sample Time	DTP	Prd Thick
MW 1	20.42	7.79	4	8.23	12.4	63.50	13:15		
MW 2	15.14	5.98	4	5.97	12.31	30.90	12:15		
MW 3	14.05	6.42	4	4.97	6.82	94.76	11:40		
MW 4	17.96	6.99	4	7.15	7.62	94.26	10:40		
MW 5	18.81	7.03	4	7.68	9.32	80.56	12:40		
MW 6	18.3	6.58	4	7.64	6.83	97.87	11:25		
MW 7	18.36	6.44	4	7.77	6.45	99.92	11:32		
MW 8	18.73	5.98	2	2.08	7.67	86.75	8:11		
MW 9	18.68	6.47	2	1.99	8.31	84.93	8:40		
MW 11	14.74	6.85	2	1.29	6.89	99.49	10:15		
EW 1	X	13.58	4						
EW 3	X	6.03	4						
EW 5	X	6.33	4						

GROUNDWATER MONITORING - FIELD LOG					
ERI #	2506 13x		QRT	4th	2010
Client:	ExxonMobil		DATE:	11/18/10	
Site ID:	7-0104		TECH	DW	
ADDRESS:			PM:	Paula Sime	
1725 Park St., Alameda, CA			Total Purge Volume		
		PRG			
WELL #	TIME	VOL	TEMP	COND	pH
BB					
COMMENTS:					
		PRG			
WELL #	TIME	VOL	TEMP	COND	pH
MW 8	7:49	3	°C	uS	
	7:51	3	21.40	367.00	7.07
	7:53	6	21.70	374.00	6.98
	7:56	9	21.40	388.00	6.81
TOTAL PURGE		9			
COMMENTS:					
		PRG			
WELL #	TIME	VOL	TEMP	COND	pH
MW 9	8:20	2	°C	uS	
	8:22	2	21.30	544.00	6.88
	8:24	4	21.60	659.00	6.84
	8:26	6	21.40	622.00	6.97
TOTAL PURGE		6			
COMMENTS:					
		PRG			
WELL #	TIME	VOL	TEMP	COND	pH
MW 11	8:56	2	°C	uS	
	8:58	2	20.70	332.00	6.87
	8:59	4	20.80	368.00	6.74
		6			
TOTAL PURGE		4			
COMMENTS:	DRY AT 4 GALLONS				
		PRG			
WELL #	TIME	VOL	TEMP	COND	pH
MW 4	9:10	8	°C	uS	
	9:17	8	21.20	435.00	6.69
	9:24	16	20.60	438.00	6.71
		24			
TOTAL PURGE		16			
COMMENTS:	DRY AT 16 GALLONS				

GROUNDWATER MONITORING - FIELD LOG					
ERI #	2506 13x		**QRT**	**4th**	**2010**
Client:	**ExxonMobil**		**DATE:**	11/18/10	
Site ID:	7-0104		**TECH**	**DW**	
ADDRESS:			**PM:**	Paula Sime	
1725 Park St., Alameda, CA			**Total Purge Volume**		
		PRG			
WELL #	**TIME**	**VOL**	**TEMP**	**COND**	**pH**
MW 2	9:50	6	°C	uS	
	9:54	6	21.30	277.00	6.72
		12			
		18			
TOTAL PURGE		10			
COMMENTS:	DRY AT 10 GALLONS				
		PRG			
WELL #	**TIME**	**VOL**	**TEMP**	**COND**	**pH**
MW 6	10:02	8	°C	uS	
	10:08	8	18.90	419.00	6.67
	10:13	16	19.20	442.00	6.68
		24			
TOTAL PURGE		19			
COMMENTS:	DRY AT 19 GALLONS				
		PRG			
WELL #	**TIME**	**VOL**	**TEMP**	**COND**	**pH**
MW 3	10:21	5	°C	uS	
	10:25	5	19.70	487.00	6.53
	10:29	10	19.90	467.00	6.64
		15			
TOTAL PURGE		11			
COMMENTS:	DRY AT 11 GALLONS				
		PRG			
WELL #	**TIME**	**VOL**	**TEMP**	**COND**	**pH**
MW 7	10:49	8	°C	uS	
	10:56	8	20.10	276.00	6.78
	11:02	16	20.20	274.00	6.77
	11:09	24	20.10	273.00	6.77
TOTAL PURGE		24			
COMMENTS:					
		PRG			
WELL #	**TIME**	**VOL**	**TEMP**	**COND**	**pH**
MW 5	11:37	8	°C	uS	
	11:43	8	20.40	416.00	6.64
	11:51	16	20.40	395.00	6.65
		24			
TOTAL PURGE		20			
COMMENTS:	DRY AT 20 GALLONS				

GROUNDWATER MONITORING - FIELD LOG					
ERI #	2506 13x		QRT	4th	2010
Client:	ExxonMobil		DATE:	11/18/10	
Site ID:	7-0104		TECH	DW	
ADDRESS:			PM:	Paula Sime	
1725 Park St., Alameda, CA			Total Purge Volume		
		PRG			
WELL #	TIME	VOL	TEMP	COND	pH
MW 1	12:08	9	°C	uS	
	12:15	9	20.30	528.00	6.72
	12:24	18	20.10	547.00	6.72
		27			
TOTAL PURGE		22			
COMMENTS:	DRY AT 22 GALLONS				

APPENDIX D

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

HYDROCARBON REMOVAL FROM A VADOSE WELL
SOP-25
Rev: JO'C

POUNDS OF HYDROCARBON IN A VAPOR STREAM

INPUT DATA:

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

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

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

SAMPLE DATA AND CALCULATIONS

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

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

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

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

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

$$21 \times 60 \times 95 \times 0.98 \times 0.97 \times 0.0283 \times 1.050 \times 1/454 = 7.4 \text{ lb.}$$

cumulative lbs. (the running total) = the sum of all the previous periods.
Note: If results are given in ppm, an assumption about the molecular weight of the hydrocarbon must be made to convert ppm into mg/M^3. ppmv x molecular wt. /24.1 = mg/M^3. (Use 102 for gasoline)

APPENDIX E

GROUNDWATER MONITORING AND SAMPLING DATA, 1701 PARK STREET (P&D ENVIRONMENTAL, NOVEMBER 18, 2010

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	11/18/2010	19.60	7.78	11.82
	4/28/2010		6.35	13.25
	12/3/2009		7.84	11.76
	2/25/2009		6.07	13.53
	11/25/2008		7.91	11.69
	8/27/2008		8.03	11.57
	5/28/2008		7.28	12.32
	2/27/2008		6.15	13.45
	11/29/2007		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	11/18/2010	20.31	8.17	12.14
	4/28/2010		6.76	13.55
	12/3/2009		8.23	12.08
	2/25/2009		6.37	13.94
	11/25/2008		8.21	12.10
	8/27/2008		8.40	11.91
	5/28/2008		7.72	12.59
	2/27/2008		6.49	13.82
	11/29/2007		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	11/18/2010	20.57	7.93	12.64
	4/28/2010		6.00	14.57
	12/3/2009		7.83	12.74
	2/25/2009		5.42	15.15
	11/25/2008		7.83	12.74
	8/27/2008		8.23	12.34
	5/28/2008		7.36	13.21
	2/27/2008		5.75	14.82
	11/29/2007		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	11/18/2010	19.69	7.69	12.00
	4/28/2010		5.82	13.87
	12/3/2009		7.60	12.09
	2/25/2009		5.32	14.37
	11/25/2008		7.61	12.08
	8/27/2008		7.91	11.78
	5/28/2008		6.97	12.72
	2/27/2008		5.38	14.31
	11/29/2007		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

Xtra Oil Company Site
1701 Park Street
Alameda, CA

Table 2. Summary of Laboratory Analytical Results

Well Number	Sample Date	TPH-G	TPH-D	TPH-MO	MTBE	Benzene	Toluene	Ethylbenzene	Total Xylenes	Fuel Oxygenates & Lead Scavengers
MW1	11/18/2010	21,000	1,900, b,c	ND<250	1,700	6,300	340	340	860	ND, except TBA = 3,300, MTBE = 1,500
	4/28/2010	19,000	2,800, b,c	260, b,c	840	3,400	680	500	1,600	ND, except TBA = 3,200, MTBE = 750
	12/3/2009	19,000	1,900, b, c	ND<250	1,500	4,500	670	400	1,300	ND, except TBA = 10,000, MTBE = 1,100
	2/25/2009	21,000	2,200, b,c	ND<250	ND<2,500	4,300	750	580	1,700	ND, except TBA = 17,000, MTBE = 1,400
	11/25/2008	20,000	2,400, c	ND<250	1,900	5,500	490	530	1,300	ND, except TBA = 16,000, MTBE = 1,600
	8/27/2008	46,000	5,200, c	ND<250	1,300	4,600	1,800	2,000	5,200	NA
	5/28/2008	40,000	6,100, c	290	1,600	4,200	2,600	1,700	5,900	NA
	2/27/2008	45,000	4,900, c	310	2,600	6,200	3,100	1,300	5,100	NA
	11/29/2007	27,000	3,100, b,c	ND<250	2,600	4,700	930	770	2,600	NA
	8/29/2007	26,000	3,900, b,c	470	3,200	5,400	1,400	810	3,000	NA
	5/30/2007	22,000	3300, c	ND<250	ND<750	400	380	1,100	3,600	NA
	3/12/2007	38,000	3,500, b,c	300	3,500	5,400	2,900	1,300	5,100	NA
	11/6/2006	44,000,a	3,400, a,c	360	3,900	5,600	2,300	920	3,000	NA
MW2	11/18/2010	7,700, a	11,000, a,c,d	3,500, a,c,d	ND<35	640	16	74	14	ND, except TBA = 19, MTBE = 22
	4/28/2010	9,400, a	23,000, a,c,d	9,100, a,c,d	ND<250	1,200	35	40	29	ND, except TBA = 300, MTBE = 100
	12/3/2009	7,700, a	6,900, a, b,c	2,000, a, b, c	ND<250	840	29	34	28	ND, except TBA = 200, MTBE = 61
	2/25/2009	7,600, a	21,000, a,c,d	6,200	ND<160	810	18	46	24	ND, except TBA = 38, MTBE = 31, 1,2-DCA = 2.7
	11/25/2008	8,700, a	23,000, a,c,d	6,400	14,e	740	15	90	27	ND, except TBA = 11, MTBE = 14
	8/27/2008	13,000, a	9,200, a,c,d	2,200	ND<200	990	14	93	19	NA
	5/28/2008	12,000, a	25,000 a,c,d	7,200	ND<210	2,000	77	77	90	NA
	2/27/2008	11,000, a	21,000, a,c,d	6,800	ND<150	940	36	ND<10	22	NA
	11/29/2007	11,000, a	32,000, a,c,d	11,000	ND<50	1,000	28	120	31	NA
	8/29/2007	8,600, a	6,300, a, b, c	2,600	ND<100	1,300	36	48	48	NA
	5/30/2007	14,000, a	22,000, a,c,d	5,800	ND<210	2,200	51	100	99	NA
	3/12/2007	8,500, a	74,000, a, c,d	21,000	ND< 80	1,200	34	140	69	NA
	11/6/2006	14,000,a	45,000, a,c	11,000	ND<120	1,400	27	200	37	NA
MW3	11/18/2010	ND<50	ND<50	ND<250	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND
	4/28/2010	ND<50	ND<50	ND<250	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND
	12/3/2009	ND<50	ND<50	ND<250	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND
	2/25/2009	ND<50	ND<50	ND<250	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND
	11/25/2008	ND<50	ND<50	ND<250	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND
	8/27/2008	ND<50	ND<50	ND<250	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA
	5/28/2008	ND<50	ND<50	ND<250	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA
	2/27/2008	ND<50	ND<50	ND<250	15	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA
	11/29/2007	ND<50	ND<50	ND<250	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA
	8/29/2007	ND<50	ND<50	ND<250	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA
	5/30/2007	ND<50	ND<50	ND< 250	ND< 5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA
	3/12/2007	ND< 50	ND< 50	ND< 250	ND< 5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA
	11/6/2006	ND<50	ND<50	ND<250	ND<5.0	ND<0.5	ND<0.5	ND<0.5	ND<0.5	NA
MW4	11/18/2010	5,900	1,100, b,c	ND<250	470	1,100	28	150	390	ND, except TBA = 690, MTBE = 540
	4/28/2010	6,300	1,400, c	ND<250	470	480	74	280	750	ND, except TBA = 350, MTBE = 360
	12/3/2009	6,300	1,200, c	ND<250	640	1,100	35	120	390	ND, except TBA = 600, MTBE = 390
	2/25/2009	11,000	2,200, c	ND<250	ND<300	350	120	490	1,400	ND, except TBA = 160, MTBE = 130
	11/25/2008	10,000	1,900, c	ND<250	270	630	130	390	1,500	ND, except TBA = 190, MTBE = 250
	8/27/2008	9,300	830, c	ND<250	ND<250	260	85	370	1,300	NA
	5/28/2008	2,200	1,400, c	ND<250	ND<30	16	38	100	320	NA
	2/27/2008	8,000	1,900, c	ND<250	ND<50	47	110	270	1,300	NA
	11/29/2007	12,000	2,800, c	ND<250	ND<180	260	230	580	2,500	NA
	8/29/2007	12,000, a	560, c	ND<250	660	910	200	750	2,200	NA
	5/30/2007	43,000	4,500, c	610	3,600	5,800	3,700	1,400	5,400	NA
	3/12/2007	19,000	3,100, c	ND< 250	370	560	450	1,100	4,400	NA
	11/6/2006	23,000	4,300,c	850	ND<900	680	250	930	3,100	NA

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
TBA = tert-Butyl alcohol.
1,2-DCA = 1,2-Dichloroethane
ND = Not Detected.
NA = Not Analyzed.
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
e = Analysis by EPA 8260B as part of fuel oxygenate analysis. All other results for MTBE and all results for BTEX are by EPA 8021B.
Results are in micrograms per liter (µg/L), unless otherwise noted.