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Jennifer C. Sedlachek
Project Manager

ExxonMobil

August 13, 2008

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 #70238/2200 East 12th Street, Oakland California.

Dear Ms. Jakub:

Attached for your review and comment is a copy of the letter report entitled ***Groundwater Monitoring and Remediation Status Report, Second Quarter 2008,*** dated August 13, 2008, for the above-referenced site. The report was prepared by Environmental Resolutions, Inc. (ERI) of Petaluma, California, and notifies of 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: ERI's Groundwater Monitoring and Remediation Status Report, Second Quarter 2008, dated August 13, 2008

cc: w/ attachment
Mr. Robert C. Ehlers, M.S., P.E., The Valero Companies, Environmental Liability Management

w/o attachment
Ms. Paula Sime, Environmental Resolutions, Inc.

VALUE, QUALITY, RESPONSE

Southern California
Northern California
Pacific Northwest
Southwest
Texas
Montana

August 13, 2008
ERI 229311.Q082

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

SUBJECT **Groundwater Monitoring and Remediation Status Report, Second Quarter 2008**
Former Exxon Service Station 70238
2200 East 12th Street, Oakland, California

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

INTRODUCTION

At the request of Exxon Mobil Environmental Services Company, on behalf of ExxonMobil Oil Corporation (ExxonMobil), Environmental Resolutions, Inc. (ERI) performed second quarter 2008 groundwater monitoring and sampling activities at the subject site. This report covers select activities from March 28, 2008, through June 13, 2008. Relevant tables, plates, 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 dates:		05/19/08
Wells gauged and sampled:		MW9A through MW9D, MW9I
Presence of NAPL:		Not observed
Remediation system status on sampling date:		Active
Laboratory:		TestAmerica Analytical Testing Corporation Morgan Hill, California
Analyses performed:	EPA Method 8015B	TPHg
	EPA Method 8021B	BTEX
	EPA Method 8260B	MTBE, ETBE, DIPE, TAME, 1,2-DCA, EDB, TBA
	EPA Method 8206B	Ethanol (select samples)
Waste disposal:		46 gallons of purge and decon water transferred to remediation system on 05/19/08

REMEDIATION SYSTEM SUMMARY

Dual-Phase Extraction System

The DPE system began operation in January 2004, extracting groundwater and soil vapor from four DPE wells (DPE1 through DPE4). Groundwater monitoring well MW9A was retrofitted for use as a DPE well and connected to the DPE system in May 2005. Extracted soil vapor was initially abated using a catalytic oxidizer; however, based on declining influent vapor concentrations, ERI removed the catalytic oxidizer in April 2007 and replaced it with two 400-pound vapor-phase GAC vessels arranged in series for vapor abatement. Treated vapor is discharged to the atmosphere in compliance with a Bay Area Air Quality Management District (BAAQMD) Permit to Operate.

Groundwater extracted by the DPE system is processed through two sediment filters and three 1,000-pound liquid-phase GAC vessels prior to discharge to the sanitary sewer in compliance with an East Bay Municipal Utility District (EBMUD) discharge permit. On a monthly basis, ERI collects soil vapor and water samples from influent, intermediate, and effluent sample ports.

In March 2008, ERI evaluated DPE system operational data and groundwater monitoring and sampling data, and submitted a request for authorization from the Alameda County Health Care Services to discontinue operation of the DPE system.

System start-up dates:	DPE System, Vapor-Phase	March 2004
	DPE System, Liquid-Phase	January 2004
System discharge permits:	DPE System, Vapor-Phase	BAAQMD Permit No.15044
	DPE System, Liquid-Phase	EBMUD Wastewater Permit No. 5051679-1
System reporting period:		03/28/08 – 06/13/08
System modifications during reporting period:		None
System status during reporting period:		Active
Laboratory:		Calscience Environmental Laboratories, Inc. Garden Grove
Analyses Performed:	DPE System, Vapor-Phase	
	EPA TO-3M	TPHg
	EPA TO-15M	BTEX, MTBE
	DPE System, Liquid-Phase	
	EPA Method 8015B	TPHg
	EPA Method 8021B	BTEX, MTBE

System Performance:

DPE System, Vapor-Phase

Period	Mass of TPHg Removed (Pounds)	Mass of MTBE Removed (Pounds)	Mass of Benzene Removed (Pounds)
03/28/08 – 06/13/08	<2.57	<0.029	<0.001
To Date:	<972.52	<37.216	<8.604

DPE System, Liquid-Phase

Period	Volume of Groundwater Treated (gallons)	Mass of TPHg Removed (pounds)	Mass of Benzene Removed (pounds)	Mass of MTBE Removed (pounds)
03/28/08 – 06/03/08	47,360	<0.02	<0.0002	<0.002
To Date:	1,013,810	<1.974	<0.0164	<1.1374

CONCLUSIONS AND RECOMMENDATIONS

Groundwater elevations, groundwater flow direction, and dissolved-phase petroleum hydrocarbon concentrations are consistent with the historical data for the site. Off-site monitoring wells MW9F, MW9G, and MW9H are currently inaccessible because of encroachment permitting issues with the City of Oakland. ERI will continue to pursue access to wells MW9F, MW9G, and MW9H with the City of Oakland.

DOCUMENT DISTRIBUTION

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. Robert C. Ehlers, M.S., P.E.
The Valero Companies
Environmental Liability Management
685 West Third Street
Hanford, California 93230

LIMITATIONS

For any reports cited that were not generated by ERI, the data taken from those reports is used "as is" and is assumed to be accurate. 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 reports.

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

Sincerely,
Environmental Resolutions, Inc.

Jennifer L. Lacy
Senior Staff Scientist

Heidi Dieffenbach-Carle
P.G. 6793

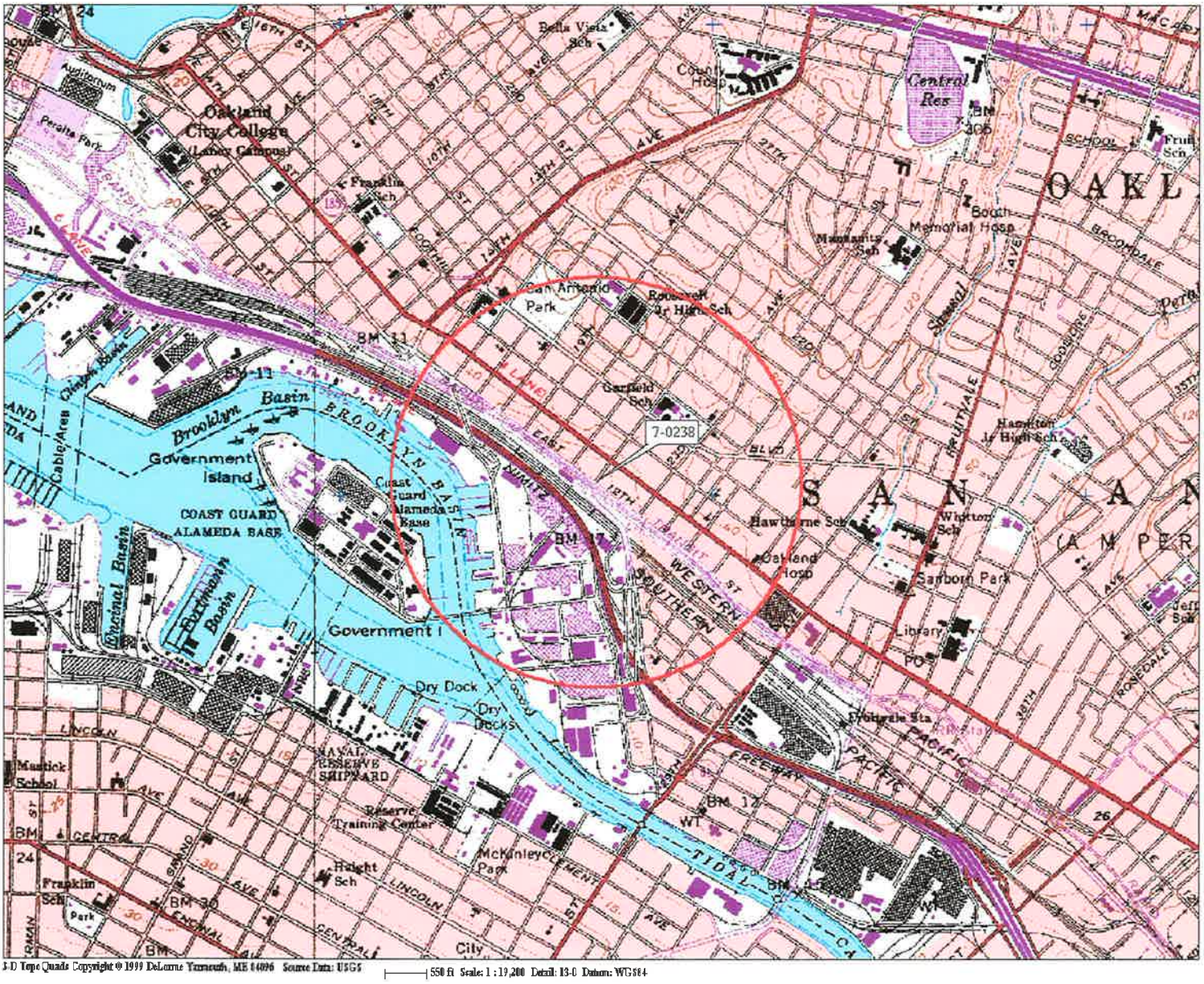
Enclosures:

Acronym List

Plate 1	Site Vicinity Map
Plate 2	Select Analytical Results
Plate 3	Groundwater Elevation Map
Table 1A	Cumulative Groundwater Monitoring and Sampling Data
Table 1B	Additional Cumulative Groundwater Monitoring and Sampling Data
Table 2	Well Construction Details
Table 3	Operation and Performance Data for Dual-Phase Extraction System, Vapor-Phase
Table 4	Operation and Performance Data for Dual-Phase Extraction System, Liquid-Phase
Appendix A	Groundwater Sampling Protocol
Appendix B	Laboratory Analytical Reports and Chain of Custody Records
Appendix C	ERI SOP-25: "Hydrocarbons Removed from a Vadose Well"
Appendix D	Field Data Sheets

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
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	Polynuclear aromatic hydrocarbon
PCB	Polychlorinated biphenyl
PCE	Tetrachloroethane 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	Trichloroethane
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



3-D Topo Quads Copyright © 1999 DeLorme Yarmouth, ME 04096 Source Data: USGS 550 ft Scale: 1 : 19,200 Detail: 13-0 Datum: WGS84

FN 2293TOPO

J:\2293\2293topo.dwg, mkjones

EXPLANATION

1/2-mile radius circle

N

APPROXIMATE SCALE

0 0.5 1 mile

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

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VALUE, QUALITY, RESPONSE

SITE VICINITY MAP

FORMER EXXON SERVICE STATION 70238
2200 East 12th Street
Oakland, California

PROJECT NO.
2293

PLATE
1

Analyte Concentrations in ug/L
Sampled May 19, 2008

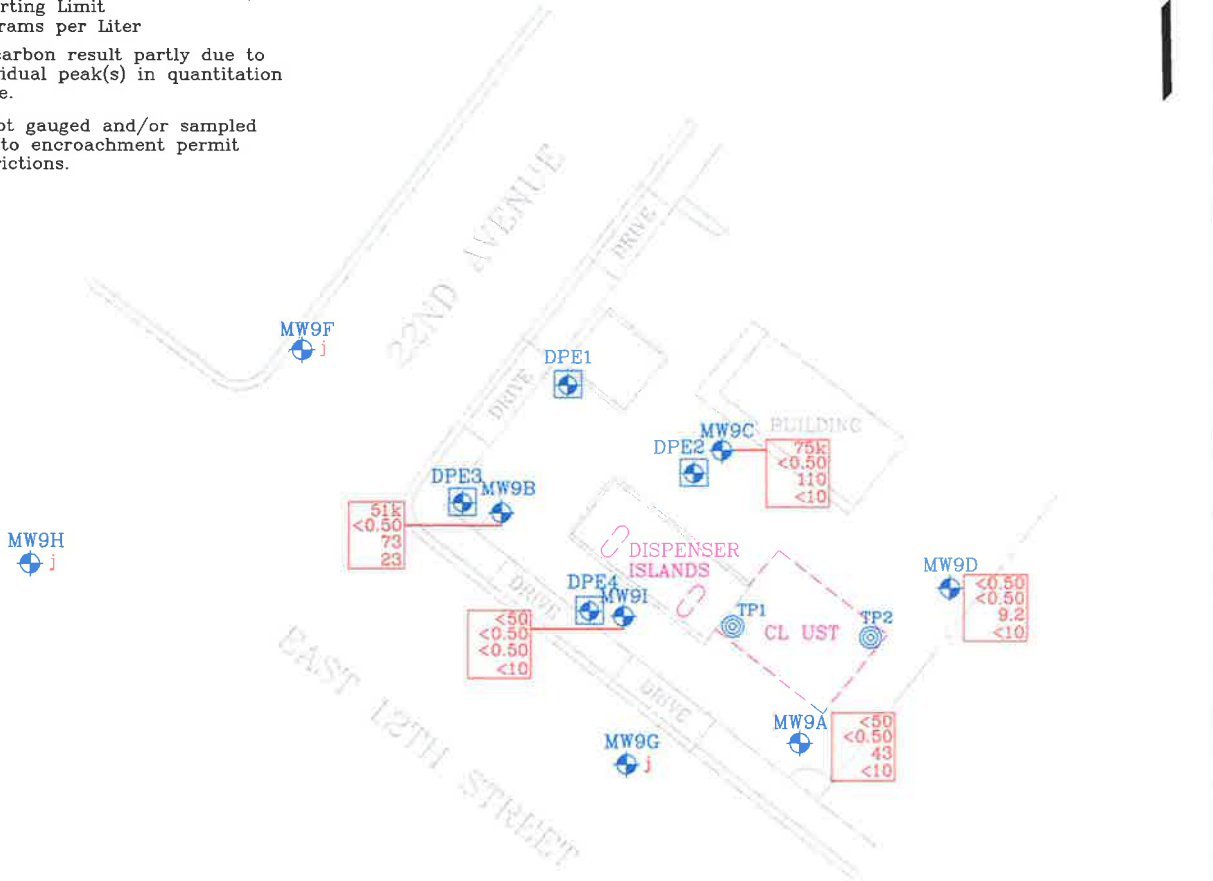
75k	Total Petroleum Hydrocarbons as gasoline
<0.50	Benzene
110	Methyl Tertiary Butyl Ether (EPA Method 8260B)
<10	Tertiary Butyl Alcohol

< Less Than the Stated Laboratory Reporting Limit

ug/L Micrograms per Liter

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

j Well not gauged and/or sampled due to encroachment permit restrictions.



SOURCE:
Modified from a map provided by Morrow Surveying

APPROXIMATE SCALE

0 60 120 FEET

FN: 22930005_QM

J:\2293\QM\2008\08 2QTR QM.dwg, mkjones

EXPLANATION

MW9I
Groundwater Monitoring Well

DPE4
Dual-Phase Extraction Well

TP2
Tank Pit Well

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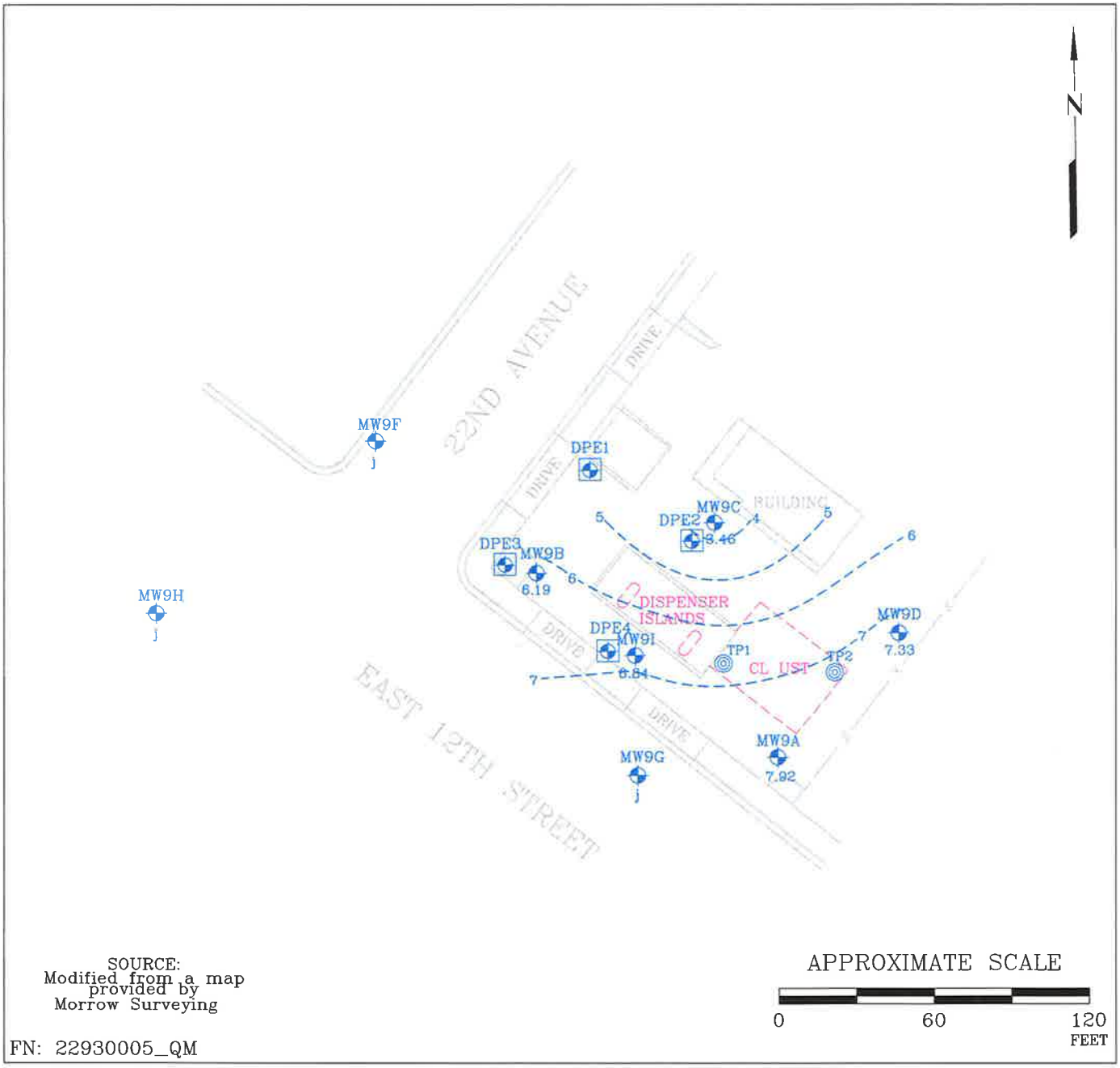
VALUE, QUALITY, RESPONSE

SELECT ANALYTICAL RESULTS
May 19, 2008

FORMER EXXON SERVICE STATION 70238
2200 East 12th Street
Oakland, California

PROJECT NO. 2293

PLATE 2



SOURCE:
Modified from a map provided by Morrow Surveying

FN: 22930005_QM

APPROXIMATE SCALE

0 60 120 FEET

J:\2293\QM\2008\08 2QTR QM.dwg, mkjones

EXPLANATION

MW9I
Groundwater Monitoring Well

6.84 Groundwater elevation in feet; datum is mean sea level

DPE4
Dual-Phase Extraction Well

TP2
Tank Pit Well

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

j Well not gauged and/or sampled due to encroachment permit restrictions.

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VALUE. QUALITY. RESPONSE

GROUNDWATER ELEVATION MAP
May 19, 2008

FORMER EXXON SERVICE STATION 70238
2200 East 12th Street
Oakland, California

PROJECT NO. 2293

PLATE 3

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 70238
2200 East 12th Street
Oakland, California

Well ID	Sampling Date	TOC Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW9A	06/13/88	---	---	---	---	---	---	---	<0.5	<1.0	<2.0	<1.0
MW9A	10/24/88	---	---	---	---	---	---	---	<0.5	<1.0	<2.0	<1.0
MW9A	10/13/89	100.07 l	---	---	---	---	---	---	<0.5	<0.5	<0.5	<3.0
MW9A	10/19/90	100.07 l	---	---	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9A	02/05/92	100.07 l	6.93	93.14	---	<50	---	---	1.1	1.8	0.6	1.3
MW9A	05/05/92	100.07 l	6.95	93.12	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9A	09/14/92	100.07 l	7.65	92.42	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9A	11/16/92	100.07 l	7.35	92.72	---	<50	---	---	1.1	<0.5	<0.5	<0.5
MW9A	02/03/93	100.07 l	7.85	92.22	---	140	---	---	17	19	1.6	20
MW9A	05/18/93	100.07 l	6.95	93.12	---	<50	---	---	0.8	<0.5	1.3	7
MW9A	08/26/93	100.07 l	7.14	92.93	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9A	11/04/93	100.07 l	7.23	92.84	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9A	02/04/94	100.07 l	6.70	93.37	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9A	05/31/94	100.07 l	6.74	93.33	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9A	10/26/94	11.46	7.06	4.40	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9A	05/15/95	11.46	6.32	5.14	---	<50	---	---	0.52	0.67	<0.5	<0.5
MW9A	11/02/95	11.46	7.16	4.30	No	<50	<10	---	<0.5	<0.5	<0.5	<0.5
MW9A	04/26/96	11.46	6.33	5.13	No	---	---	---	---	---	---	---
MW9A	08/22/96	11.46	7.02	4.44	No	---	---	---	---	---	---	---
MW9A	02/24/97	11.46	---	---	---	---	---	---	---	---	---	---
MW9A	03/16/98	11.46	6.14	5.32	No	<200	40,000	---	7.9	<2.0	<2.0	<2.0
MW9A	04/21/98	11.46	6.29	5.17	No	<50	53,000	---	3.8	<0.5	<0.5	<0.5
MW9A	07/22/98	14.53	6.58	7.95	No	<250	18,000	---	<2.5	<2.5	<2.5	<2.5
MW9A	12/22/98	14.53	6.47	8.06	No	<50	5,200	---	<0.5	<0.5	<0.5	<0.5
MW9A	02/26/99	14.53	6.38	8.15	No	<100	10,000	---	<1.0	<1.0	<1.0	<1.0
MW9A	05/27/99 a	14.53	6.56	7.97	No	<5,000	15,300	---	<50	<50	<50	<50
MW9A	08/03/99	14.53	9.39	5.14	No	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5
MW9A	12/03/99	14.53	6.52	8.01	No	<50	1,400	---	<0.5	<0.5	<0.5	0.67 b
MW9A	02/29/00	14.53	5.31	9.22	No	<50	20,000	---	1.2	<0.5	<0.5	<0.5
MW9A	05/18/00	14.53	6.31	8.22	No	<50	14,000	11,000	<0.5	<0.5	<0.5	<0.5
MW9A	07/24/00	14.53	6.54	7.99	No	<50	7,400	---	<0.5	<0.5	<0.5	<0.5
MW9A	10/09/00	14.53	6.00	8.53	No	<50	2,300	---	<0.5	<0.5	<0.5	<0.5
MW9A	01/10/01	14.53	6.34	8.19	No	<50	3,700	---	<0.5	<0.5	<0.5	<0.5
MW9A	04/10/01	14.53	9.31	5.22	No	<50	11,000	---	<0.5	<0.5	<0.5	<0.5

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 70238
2200 East 12th Street
Oakland, California

Well ID	Sampling Date	TOC Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW9A	07/12/01	14.53	---	---	No	<50	3,600	---	<0.5	<0.5	<0.5	<0.5
MW9A	08/17/01 c	14.53	6.61	7.92	---	---	---	---	---	---	---	---
MW9A	10/11/01	14.51	Well surveyed in compliance with AB2886 requirements.									
MW9A	10/11/01	14.53	7.03	7.50	No	<50	1,700	---	<0.5	<0.5	<0.5	<0.5
MW9A	01/11/02	14.51	5.93	8.58	No	2,090e	31,000e	---	18.6e	<0.50	<0.50	<0.50
MW9A	04/12/02	14.51	6.41	8.10	No	34,300	32,200	---	<5.00	<5.00	<5.00	<5.00
MW9A	07/12/02	14.51	6.64	7.87	No	6,760	8,070	---	<0.5	<0.5	<0.5	<0.5
MW9A	10/11/02	14.51	6.76	7.75	No	2,420	2,860	3,040	<0.5	<0.5	<0.5	<0.5
MW9A	01/10/03	14.51	5.90	8.61	No	38,800	51,900	---	103	15.0	<5.0	13.0
MW9A	04/09/03	14.51	6.38	8.13	No	34,200	38,600	---	14.0	<5.0	<5.0	<5.0
MW9A	07/22/03	14.51	6.56	7.95	No	20,200	19,500	---	0.50	<0.5	<0.5	<0.5
MW9A	10/01/03	14.51	6.72	7.79	No	9,460	---	7,620	0.70	<0.5	<0.5	<0.5
MW9A	01/06/04	14.51	5.89	8.62	No	8,540	11,600	---	<0.50	<0.5	<0.5	<0.5
MW9A	06/07/04	14.51	6.80	7.71	No	3,470	---	5,600	<0.50	<0.5	<0.5	<0.5
MW9A	08/30/04 d	14.51	---	---	---	---	---	---	---	---	---	---
MW9A	12/13/04	14.51	5.99	8.52	No	1,130	---	1,360	<0.50	<0.5	<0.5	<0.5
MW9A	03/14/05	14.51	6.03	8.48	No	2,150	---	2,560	0.80	<0.5	<0.5	<0.5
MW9A	06/08/05	14.51	14.33	0.18	No	1,610	---	2,040	<0.50	<0.5	<0.5	<0.5
MW9A	09/01/05	14.51	6.50	8.01	No	1,020	---	1,320	<0.50	<0.50	<0.50	<0.50
MW9A	12/09/05 i	14.51	16.50	-1.99	No	1,140	---	801	1.16	<0.50	<0.50	<0.50
MW9A	12/30/05	14.51	5.21	9.30	No	---	---	---	---	---	---	---
MW9A	03/07/06	14.51	16.01	-1.50	No	400	---	560	<2.5	<2.5	<2.5	<2.5
MW9A	06/26/06	14.51	6.10	8.41	No	390	---	430	<2.5	<2.5	<2.5	<2.5
MW9A	09/25/06	14.51	6.54	7.97	No	150	---	172	<0.50	<0.50	<0.50	<0.50
MW9A	12/15/06	14.51	16.21	-1.70	No	250k	---	190	<2.5	<2.5	<2.5	<2.5
MW9A	03/29/07	14.51	7.95	6.56	No	173	---	144	<0.50	<0.50	<0.50	0.54
MW9A	06/12/07	14.51	6.49	8.02	No	69k	---	77	<0.50	<0.50	<0.50	<0.50
MW9A	08/23/07	14.51	6.48	8.03	No	<50	---	46	<0.50	<0.50	<0.50	<0.50
MW9A	11/27/07	14.51	6.61	7.90	No	<50	---	36	<0.50	<0.50	<0.50	<0.50
MW9A	02/01/08	14.51	5.56	8.95	No	<50	---	14	<0.50	<0.50	<0.50	<0.50
MW9A	05/19/08	14.51	6.59	7.92	No	<50	---	43	<0.50	<0.50	<0.50	<0.50
MW9B	06/13/88	---	---	---	---	---	---	---	350	7.8	66	160
MW9B	10/24/88	---	---	---	---	---	---	---	84	<1.0	3.1	3.2
MW9B	10/13/89	98.41 l	---	---	---	---	---	---	4.1	<0.5	<0.5	<3.0

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 70238
2200 East 12th Street
Oakland, California

Well ID	Sampling Date	TOC Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW9B	10/19/90	98.41 l	---	---	---	62	---	---	27	<0.5	2.3	<0.5
MW9B	02/05/92	98.41 l	5.95	92.46	---	60	---	---	14	<0.5	2.9	2.5
MW9B	05/05/92	98.41 l	5.92	92.49	---	620	---	---	180	2.4	8.4	2.2
MW9B	09/14/92	98.41 l	6.60	91.81	---	110	---	---	9.6	<0.5	<0.5	<0.5
MW9B	11/16/92	98.41 l	6.35	92.06	---	200	---	---	33	<0.5	4.2	1.4
MW9B	02/03/93	98.41 l	6.50	91.91	---	12,000	---	---	320	13	35	110
MW9B	05/18/93	98.41 l	6.42	91.99	---	180	---	---	1.1	<0.5	2.6	5.9
MW9B	08/26/93	98.41 l	6.28	92.13	---	180	---	---	36	<0.5	3	1.7
MW9B	11/04/93	98.41 l	6.23	92.18	---	98	---	---	13	<0.5	1.4	<0.5
MW9B	02/04/94	98.41 l	5.92	92.49	---	790	---	---	170	1.3	12	0.8
MW9B	05/31/94	98.41 l	9.22	89.19	---	1,000	---	---	150	2.5	8.0	2.1
MW9B	10/26/94	9.80	6.04	3.76	---	84	---	---	2.8	0.72	<0.5	<0.5
MW9B	05/15/95	9.80	5.34	4.46	---	2,800	---	---	420	25	27	6.7
MW9B	11/02/95	9.80	6.14	3.66	No	130	<10	---	3.3	<0.5	<0.5	<0.5
MW9B	04/26/96	9.80	5.66	4.14	No	270	70	---	130	2.8	6.7	<3
MW9B	08/22/96	9.80	6.16	3.64	No	210	31	---	5.7	6.8	1.1	9.2
MW9B	02/24/97	9.80	5.58	4.22	No	1,400	1,300	---	76	1.4	4.1	1.2
MW9B	03/16/98	12.83	5.32	7.51	No	860	1,500	---	140	2.0	1.1	<2.0
MW9B	04/21/98	12.83	5.49	7.34	No	1,800	18,000	---	300	<5.0	7.9	<5.0
MW9B	07/22/98	12.83	5.79	7.04	No	<500	26,000	---	13	<5.0	<5.0	<5.0
MW9B	12/22/98	12.83	5.69	7.14	No	700	21,000	---	110	3.1	9.1	14
MW9B	02/26/99	12.83	5.10	7.73	No	8,800	8,000	---	2,000	<25	52	38
MW9B	05/18/99	12.83	5.65	7.18	No	<10,000	42,100	---	158	<100	<100	<100
MW9B	08/03/99	12.83	6.24	6.59	No	960	24,900	---	<5.0	<5.0	<5.0	<5.0
MW9B	12/03/99	12.83	5.66	7.17	No	<50	1,000	---	<0.5	<0.5	<0.5	<0.5
MW9B	02/29/00	12.83	4.61	8.22	No	3,100	25,000	---	900	7	23	7.1
MW9B	05/18/00	12.83	5.54	7.29	No	780	34,000	26,000	150	<2.5	4.5	<2.5
MW9B	07/24/00	12.83	8.75	4.08	No	<250	39,000	---	8	<2.5	<2.5	<2.5
MW9B	10/09/00	12.83	4.84	7.99	No	<1,200	30,000	---	1.7	<0.5	<0.5	<0.5
MW9B	01/10/01	12.83	5.56	7.27	No	<250	32,000	---	5.3	<0.5	<0.5	<0.5
MW9B	04/10/01	12.83	5.40	7.43	No	360	27,000	---	69.0	<2.5	22.0	29.8
MW9B	07/12/01	12.83	---	---	No	<250	41,000	---	<2.5	<2.5	<2.5	<2.5
MW9B	08/17/01 c	12.83	5.83	7.00	---	---	---	---	---	---	---	---
MW9B	10/11/01	12.83	8.70	4.13	No	<250	24,000	---	<2.5	<2.5	<2.5	<2.5
MW9B	11/01/01	12.84	Well surveyed in compliance with AB2886 requirements.									

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 70238
2200 East 12th Street
Oakland, California

Well ID	Sampling Date	TOC Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW9B	01/11/02	12.84	5.16	7.68	No	9,170e	14,600e	---	66.0e	<10.0	54.0	<10.0
MW9B	04/12/02	12.84	5.57	7.27	No	29,600	28,600	---	12.0	<5.00	<5.00	<5.00
MW9B	07/12/02	12.84	5.81	7.03	No	20,200	27,700	---	<10.0	14.0	<10.0	16.0
MW9B	10/11/02 f	12.84	5.91	6.93	No	18,900	24,300	28,200	2.3	<0.5	<0.5	<0.5
MW9B	01/10/03	12.84	5.09	7.75	No	14,900	18,600	---	118	1.0	6.5	3.6
MW9B	04/09/03	12.84	5.51	7.33	No	21,800	24,900	---	51.0	<5.0	<5.0	<5.0
MW9B	07/22/03	12.84	6.09	6.75	No	33,500	36,900	---	<0.50	<0.5	<0.5	<0.5
MW9B	10/01/03	12.84	6.16	6.68	No	25,500	---	19,100	1.10	<0.5	<0.5	<0.5
MW9B	01/06/04	12.84	5.14	7.70	No	10,400	---	15,700	16.9	1.8	18.6	1.7
MW9B	06/07/04	12.84	9.47	3.37	No	3,910	---	1,960	<0.50	<0.5	<0.5	<0.5
MW9B	08/30/04	12.84	h	h	h	954h	---	925h	<0.50h	<0.5h	<0.5	<0.5h
MW9B	12/13/04	12.84	4.96	7.88	No	233	---	140	0.90	<0.5	<0.5	<0.5
MW9B	03/14/05	12.84	5.52	7.32	No	523	---	504	<0.50	<0.5	<0.5	<0.5
MW9B	06/08/05	12.84	6.70	6.14	No	114	---	130	<0.50	<0.5	<0.5	<0.5
MW9B	09/01/05	12.84	5.92	6.92	No	90.5	---	82.6	0.55	<0.50	<0.50	<0.50
MW9B	12/09/05	12.84	8.46	4.38	No	207	---	149	<0.50	<0.50	<0.50	<0.50
MW9B	12/30/05	12.84	4.59	8.25	No	---	---	---	---	---	---	---
MW9B	03/07/06	12.84	6.41	6.43	No	98	---	64	<0.50	<0.50	<0.50	<0.50
MW9B	06/26/06	12.84	5.71	7.13	No	130	---	39	0.63	<0.50	0.53	0.53
MW9B	09/25/06	12.84	6.35	6.49	No	<50.0	---	7.40	<0.50	<0.50	<0.50	<0.50
MW9B	12/15/06	12.84	6.77	6.07	No	<50	---	11	<0.50	<0.50	<0.50	<0.50
MW9B	03/29/07	12.84	6.40	6.44	No	197	---	225	<0.50	<0.50	<0.50	0.59
MW9B	06/12/07	12.84	6.05	6.79	No	53k	---	52	<0.50	<0.50	<0.50	<0.50
MW9B	08/23/07	12.84	7.17	5.67	No	140k	---	230	<0.50	<0.50	<0.50	<0.50
MW9B	11/27/07	12.84	6.63	6.21	No	<50	---	36	<0.50	<0.50	<0.50	<0.50
MW9B	02/01/08	12.84	5.31	7.53	No	<50	---	15	<0.50	<0.50	<0.50	<0.50
MW9B	05/19/08	12.84	6.65	6.19	No	51k	---	73	<0.50	<0.50	<0.50	<0.50
MW9C	06/13/88	---	---	---	---	---	---	---	<0.5	<1.0	<2.0	<1.0
MW9C	10/24/88	---	---	---	---	---	---	---	<0.5	<1.0	<2.0	<1.0
MW9C	10/13/89	99.73 l	---	---	---	---	---	---	<0.5	<0.5	<0.5	<3.0
MW9C	10/19/90	99.73 l	---	---	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9C	02/05/92	99.73 l	6.44	93.29	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9C	05/05/92	99.73 l	6.50	93.23	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9C	09/14/92	99.73 l	7.00	92.73	---	<50	---	---	<0.5	<0.5	<0.5	<0.5

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 70238
2200 East 12th Street
Oakland, California

Well ID	Sampling Date	TOC Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW9C	11/16/92	99.73 l	6.72	93.01	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9C	02/03/93	99.73 l	5.75	93.98	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9C	05/18/93	99.73 l	6.72	93.01	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9C	08/26/93	99.73 l	6.84	92.89	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9C	11/04/93	99.73 l	6.90	92.83	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9C	02/04/94	99.73 l	6.28	93.45	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9C	05/31/94	99.73 l	6.42	93.31	---	---	---	---	<0.5	<0.5	<0.5	<0.5
MW9C	10/26/94	11.14	6.80	4.34	---	---	---	---	<0.5	<0.5	<0.5	<0.5
MW9C	05/15/95	11.14	5.72	5.42	---	---	---	---	<0.5	<0.5	<0.5	<0.5
MW9C	11/02/95	11.14	6.88	4.26	---	---	---	---	<0.5	<0.5	<0.5	<0.5
MW9C	04/26/96	11.14	6.28	4.86	---	---	---	---	<0.5	<0.5	<0.5	<0.5
MW9C	08/22/96	11.14	6.65	4.49	---	---	---	---	<0.5	<0.5	<0.5	<0.5
MW9C	03/16/98	11.14	5.51	5.63	No	<500	150,000	---	24	<5.0	<5.0	<5.0
MW9C	04/21/98	11.14	5.83	5.31	No	150	130,000	150,000	<0.5	<0.5	<0.5	<0.5
MW9C	07/22/98	14.19	6.43	7.76	No	<500	95,000	---	<5.0	<5.0	<5.0	<5.0
MW9C	12/22/98	14.19	6.16	8.03	No	<500	84,000	---	<5.0	<5.0	<5.0	<5.0
MW9C	02/26/99	14.19	5.46	8.73	No	<250	55,000	---	<2.5	<2.5	<2.5	<2.5
MW9C	05/18/99	14.19	6.27	7.92	No	<25,000	68,900	---	<250	<250	<250	<250
MW9C	08/03/99	14.19	7.13	7.06	No	210	69,200	---	<1.0	1.3	<1.0	<1.0
MW9C	12/03/99	14.19	6.17	8.02	No	290	50,000	---	<2.5	<2.5	<2.5	<2.5
MW9C	02/29/00	14.19	4.49	9.70	No	<250	40,000	---	<2.5	<2.5	<2.5	<2.5
MW9C	05/18/00	14.19	5.96	8.23	No	<250	46,000	33,000	<2.5	<2.5	<2.5	<2.5
MW9C	07/24/00	14.19	6.47	7.72	No	<250	44,000	---	<2.5	<2.5	<2.5	<2.5
MW9C	10/09/00	14.19	6.57	7.62	No	<250	39,000	---	<2.5	<2.5	<2.5	<2.5
MW9C	01/10/01	14.19	6.09	8.10	No	<250	42,000	---	<2.5	<2.5	<2.5	<2.5
MW9C	04/10/01	14.19	7.88	6.31	No	<250	35,000	---	<2.5	<2.5	<2.5	<2.5
MW9C	07/12/01	14.19	---	---	No	<250	32,000	---	<2.5	<2.5	<2.5	<2.5
MW9C	08/17/01 c	14.19	6.60	7.59	---	---	---	---	---	---	---	---
MW9C	10/11/01	14.19	6.67	7.52	No	<250	53,000	---	<2.5	<2.5	<2.5	<2.5
MW9C	11/01/01	14.16	Well surveyed in compliance with AB2886 requirements.									
MW9C	01/11/02	14.16	5.29	8.87	No	2,470e	90,000e	---	0.90e	<0.50	<0.50	<0.50
MW9C	04/12/02	14.16	6.14	8.02	No	70,400	66,800	---	<5.00	<5.00	<5.00	<5.00
MW9C	07/12/02	14.16	6.54	7.62	No	50,900	58,300	---	<500	<500	<500	<500
MW9C	10/11/02	14.16	6.73	7.43	No	52,100	58,800	76,000	<10.0	<10.0	<10.0	<10.0
MW9C	01/10/03	14.16	5.21	8.95	No	40,600	55,500	---	<0.5	<0.5	<0.5	<0.5

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 70238
2200 East 12th Street
Oakland, California

Well ID	Sampling Date	TOC Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW9C	04/09/03	14.16	6.08	8.08	No	24,700	29,600	---	<5.00	<5.0	<5.0	<5.0
MW9C	07/22/03	14.16	6.47	7.69	No	13,800	13,100	---	1.40	<0.5	<0.5	<0.5
MW9C	10/01/03	14.16	6.62	7.54	No	9,100	---	38,400	0.70	<0.5	<0.5	<0.5
MW9C	01/06/04	14.16	4.86	9.30	No	4,160	---	5,020	0.70	<0.5	<0.5	<0.5
MW9C	06/07/04	14.16	7.35	6.81	No	4,480	---	3,420	<0.50	<0.5	<0.5	<0.5
MW9C	08/30/04	14.16	h	h	h	1,950h	---	1,950h	<0.50h	<0.5h	<0.5h	<0.5h
MW9C	12/13/04	14.16	5.03	9.13	No	610	---	705	<0.50	<0.5	<0.5	<0.5
MW9C	03/14/05	14.16	5.63	8.53	No	906	---	1,110	<0.50	<0.5	<0.5	<0.5
MW9C	06/08/05	14.16	12.75	1.41	No	854	---	1,100	<0.50	<0.5	<0.5	<0.5
MW9C	09/01/05	14.16	6.95	7.21	No	361	---	409	<0.50	<0.50	<0.50	<0.50
MW9C	12/09/05	14.16	7.54	6.62	No	217	---	171	<0.50	<0.50	<0.50	<0.50
MW9C	12/30/05	14.16	4.21	9.95	No	---	---	---	---	---	---	---
MW9C	03/07/06	14.16	12.48	1.68	No	320	---	480	<2.0	<2.0	<2.0	<2.0
MW9C	06/26/06	14.16	6.36	7.80	No	350	---	300	<2.0	<2.0	<2.0	<2.0
MW9C	09/25/06	14.16	6.71	7.45	No	136	---	234	<0.50	<0.50	<0.50	<0.50
MW9C	12/15/06	14.16	12.21	1.95	No	190k	---	260	<1.0	<1.0	<1.0	<1.0
MW9C	03/29/07	14.16	12.30	1.86	No	483	---	396	<0.50	<0.50	<0.50	<0.50
MW9C	06/12/07	14.16	6.97	7.19	No	200k	---	250	<1.0	<1.0	<1.0	<1.0
MW9C	08/23/07	14.16	6.84	7.32	No	55k	---	51	<0.50	<0.50	<0.50	<0.50
MW9C	11/27/07	14.16	11.73	2.43	No	170k	---	230	<1.0	<1.0	<1.0	<1.0
MW9C	02/01/08	14.16	11.22	2.94	No	77k	---	130	<0.50	<0.50	<0.50	0.77
MW9C	05/19/08	14.16	10.70	3.46	No	75k	---	110	<0.50	<0.50	<0.50	<0.50
MW9D	10/24/88	---	---	---	---	---	---	---	<0.5	<1.0	<2.0	<1.0
MW9D	10/13/89	101.46 l	---	---	---	---	---	---	<0.5	<0.5	<0.5	<3.0
MW9D	10/19/90	101.46 l	---	---	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9D	02/05/92	101.46 l	7.78	93.68	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9D	05/05/92	101.46 l	7.90	93.56	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9D	09/14/92	101.46 l	8.45	93.01	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9D	11/16/92	101.46 l	8.10	93.36	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9D	02/03/93	101.46 l	7.07	94.39	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9D	05/18/93	101.46 l	7.85	93.61	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9D	08/26/93	101.46 l	8.30	93.16	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9D	11/04/93	101.46 l	8.33	93.13	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9D	02/04/94	101.46 l	7.66	93.80	---	<50	---	---	<0.5	<0.5	<0.5	<0.5

TABLE 1A
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Former Exxon Service Station 70238
2200 East 12th Street
Oakland, California

Well ID	Sampling Date	TOC Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW9D	05/31/94	101.46 l	6.80	94.66	---	---	---	---	<0.5	<0.5	<0.5	<0.5
MW9D	10/26/94	12.90	8.34	4.56	---	---	---	---	<0.5	<0.5	<0.5	<0.5
MW9D	05/15/95	12.90	7.22	5.68	---	---	---	---	<0.5	<0.5	<0.5	<0.5
MW9D	11/02/95	12.90	8.31	4.59	---	---	---	---	<0.5	<0.5	<0.5	<0.5
MW9D	04/26/96	12.90	7.58	5.32	---	---	---	---	<0.5	<0.5	<0.5	<0.5
MW9D	08/22/96	12.90	8.12	4.78	---	---	---	---	<0.5	<0.5	<0.5	<0.5
MW9D	03/16/98	12.90	6.94	5.96	No	<50	10	---	<0.5	<0.5	<0.5	<0.5
MW9D	04/21/98	12.90	7.22	5.68	No	<50	12	---	<0.5	<0.5	<0.5	<0.5
MW9D	07/22/98	15.98	7.85	8.13	No	<50	13	---	<0.5	<0.5	<0.5	<0.5
MW9D	12/22/98	15.98	7.58	8.40	No	<50	12	---	<0.5	<0.5	<0.5	<0.5
MW9D	02/26/99	15.98	6.42	9.56	No	<50	310	---	<0.5	<0.5	<0.5	<0.5
MW9D	05/18/99	15.98	6.55	9.43	No	<2,500	13,500	---	<25	<25	<25	<25
MW9D	08/03/99	15.98	8.34	7.64	No	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5
MW9D	12/03/99	15.98	7.56	8.42	No	<50	<2	---	<0.5	<0.5	<0.5	<0.5
MW9D	02/29/00	15.98	4.82	11.16	No	<50	2.5	---	<0.5	<0.5	<0.5	<0.5
MW9D	05/18/00	15.98	7.40	8.58	No	<50	6.2	---	<0.5	<0.5	<0.5	<0.5
MW9D	07/24/00	15.98	7.91	8.07	No	<50	14	---	<0.5	<0.5	0.85	0.74
MW9D	10/09/00	15.98	8.02	7.96	No	<50	14	---	<0.5	<0.5	<0.5	<0.5
MW9D	01/10/01	15.98	7.26	8.72	No	<50	18	---	<0.5	<0.5	<0.5	<0.5
MW9D	04/10/01	15.98	7.32	8.66	No	<50	14	---	<0.5	<0.5	<0.5	<0.5
MW9D	07/12/01	15.98	--	--	No	<50	22	---	<0.5	<0.5	<0.5	<0.5
MW9D	08/17/01 d	15.98	---	---	---	---	---	---	---	---	---	---
MW9D	10/11/01	15.98	8.16	7.82	No	<50	24	---	<0.5	<0.5	<0.5	<0.5
MW9D	11/01/01	15.97	Well surveyed in compliance with AB2886 requirements.									
MW9D	01/11/02	15.97	6.64	9.33	No	352e	2.0e	---	<0.50	<0.50	<0.50	<0.50
MW9D	04/12/02	15.97	7.58	8.39	No	191	192	---	<0.50	<0.50	<0.50	<0.50
MW9D	07/12/02	15.97	8.01	7.96	No	108	124	---	<0.5	<0.5	<0.5	<0.5
MW9D	10/11/02	15.97	8.13	7.84	No	187	243	---	<0.5	<0.5	<0.5	<0.5
MW9D	01/10/03	15.97	5.98	9.99	No	386	132	---	4.1	<0.5	<0.5	<0.5
MW9D	04/09/03	15.97	7.53	8.44	No	468	292	---	3.80	<0.5	<0.5	<0.5
MW9D	07/22/03	15.97	7.87	8.10	No	446	339	---	0.70	<0.5	<0.5	<0.5
MW9D	10/01/03	15.97	8.04	7.93	No	402	---	362	<0.50	<0.5	<0.5	<0.5
MW9D	01/06/04	15.97	6.31	9.66	No	72.2	---	80.9	<0.50	<0.5	<0.5	<0.5
MW9D	06/07/04	15.97	8.17	7.80	No	237	---	353	<0.50	<0.5	<0.5	<0.5
MW9D	08/30/04 d	15.97	---	---	---	---	---	---	---	---	---	---

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 70238
2200 East 12th Street
Oakland, California

Well ID	Sampling Date	TOC Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW9D	12/13/04	15.97	5.39	10.58	No	379	---	353	4.80	0.7	<0.5	0.9
MW9D	03/14/05	15.97	6.93	9.04	No	<50.0	---	13.8	<0.50	<0.5	<0.5	<0.5
MW9D	06/08/05	15.97	8.83	7.14	No	<50.0	---	57.2	<0.50	<0.5	<0.5	<0.5
MW9D	09/01/05	15.97	7.99	7.98	No	64.3	---	51.8	<0.50	<0.50	<0.50	<0.50
MW9D	12/09/05	15.97	7.96	8.01	No	56.3	---	33.0	<0.50	<0.50	<0.50	<0.50
MW9D	12/30/05 d	15.97	---	---	---	---	---	---	---	---	---	---
MW9D	03/07/06	15.97	6.19	9.78	No	<50	---	9.3	<0.50	<0.50	<0.50	<0.50
MW9D	06/26/06	15.97	7.68	8.29	No	<50	---	9.7	<0.50	<0.50	<0.50	<0.50
MW9D	09/25/06	15.97	8.00	7.97	No	<50.0	---	13.8	<0.50	<0.50	<0.50	<0.50
MW9D	12/15/06	15.97	6.91	9.06	No	<50	---	11	<0.50	<0.50	<0.50	<0.50
MW9D	03/29/07	15.97	8.53	7.44	No	<50	---	6.91	<0.50	<0.50	<0.50	<0.50
MW9D	06/12/07	15.97	8.21	7.76	No	<50	---	9.8	<0.50	<0.50	<0.50	<0.50
MW9D	08/23/07	15.97	8.27	7.70	No	<50	---	15	<0.50	<0.50	<0.50	<0.50
MW9D	11/27/07	15.97	8.67	7.30	No	<50	---	21	<0.50	<0.50	<0.50	<0.50
MW9D	02/01/08	15.97	6.24	9.73	No	<50	---	4.7	<0.50	<0.50	<0.50	<0.50
MW9D	05/19/08	15.97	8.64	7.33	No	<0.50	---	9.2	<0.50	<0.50	<0.50	<0.50
MW9E	10/24/88	---	---	---	---	---	---	---	1.3	<1.0	<2.0	<1.0
MW9E	10/13/89	---	---	---	---	---	---	---	15	<0.5	2.1	<3.0
MW9E	10/19/90	---	---	---	---	<50	---	---	4.0	<0.5	0.9	<0.5
MW9E	Oct-90	Well destroyed.										
MW9F	12/06/88	---	---	---	---	---	---	---	<0.5	<1.0	<2.0	<1.0
MW9F	10/13/89	---	---	---	---	---	---	---	<0.5	<0.5	<0.5	<3.0
MW9F	10/19/90	---	---	---	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9F	02/05/92	96.96 l	5.81	91.15	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9F	05/05/92	96.96 l	5.86	91.10	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9F	09/14/92	96.96 l	---	---	---	---	---	---	---	---	---	---
MW9F	11/16/92	96.96 l	5.82	91.14	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9F	02/03/93	96.96 l	5.55	91.41	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9F	05/18/93	96.96 l	5.86	91.10	---	---	---	---	---	---	---	---
MW9F	05/19/93	96.96 l	---	---	---	<50	---	---	<0.5	---	1.2	6.8
MW9F	08/26/93	96.96 l	5.86	91.10	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9F	11/04/93	96.96 l	5.96	91.00	---	<50	---	---	<0.5	<0.5	<0.5	<0.5

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 70238
2200 East 12th Street
Oakland, California

Well ID	Sampling Date	TOC Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW9F	02/04/94	96.96 l	5.68	91.28	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9F	05/31/94	96.96 l	5.76	91.20	---	---	---	---	<0.5	<0.5	<0.5	<0.5
MW9F	10/26/94	8.37	5.96	2.41	---	---	---	---	<0.5	<0.5	<0.5	<0.5
MW9F	05/15/95	8.37	5.52	2.85	---	---	---	---	<0.5	<0.5	<0.5	<0.5
MW9F	11/02/95	8.37	6.60	1.77	---	---	---	---	---	---	---	---
MW9F	04/26/96	8.37	6.50	1.87	No	<50	57	---	<0.5	<0.5	<0.5	<0.5
MW9F	08/22/96	8.37	5.74	2.63	No	<50	5.8	---	<0.5	<0.5	<0.5	<0.5
MW9F	02/24/97	8.37	---	---	No	<50	<30	---	<0.5	<0.5	<0.5	<0.5
MW9F	03/16/98	8.37	---	---	No	---	---	---	---	---	---	---
MW9F	04/21/98	8.37	---	---	---	---	---	---	---	---	---	---
MW9F	07/22/98	11.38	---	---	---	---	---	---	---	---	---	---
MW9F	12/22/98	11.38	5.47	5.91	No	<50	81	---	<0.5	<0.5	<0.5	<0.5
MW9F	02/26/99	11.38	5.35	6.03	No	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5
MW9F	05/18/99	11.38	5.62	5.76	No	<50	61.6	---	<0.5	<0.5	<0.5	<0.5
MW9F	08/03/99	11.38	6.32	5.06	No	<50	3.10	---	<0.5	<0.5	<0.5	<0.5
MW9F	12/03/99	11.38	5.59	5.79	No	<50	<2	---	<0.5	<0.5	0.71	<0.5
MW9F	02/29/00	11.38	4.70	6.68	No	<50	52	---	<0.5	<0.5	<0.5	<0.5
MW9F	05/18/00	11.38	5.37	6.01	No	<50	65	---	<0.5	<0.5	<0.5	<0.5
MW9F	07/24/00	11.38	5.65	5.73	No	<50	170	---	<0.5	<0.5	<0.5	<0.5
MW9F	10/09/00	11.38	5.71	5.67	No	<50	170	---	<0.5	<0.5	<0.5	<0.5
MW9F	01/10/01	11.38	4.30	7.08	No	<50	140	---	<0.5	<0.5	<0.5	<0.5
MW9F	04/10/01	11.38	5.20	6.18	No	<50	50	---	<0.5	<0.5	<0.5	<0.5
MW9F	07/12/01	11.38	--	--	No	<50	190	---	<0.5	<0.5	<0.5	<0.5
MW9F	08/17/01 d	11.38	--	--	--	--	--	---	--	--	--	--
MW9F	10/11/01	11.38	5.82	5.56	No	<50	260	---	<0.5	<0.5	<0.5	<0.5
MW9F	11/01/01	11.38	Well surveyed in compliance with AB2886 requirements.									
MW9F	01/11/02	11.38	5.12	6.26	No	<100	67.0e	---	<1.00	<1.00	<1.00	<1.00
MW9F	04/12/02	11.38	5.50	5.88	No	55.9	58.6	---	<0.50	<0.50	<0.50	<0.50
MW9F	07/12/02	11.38	5.65	5.73	No	102	121	---	<0.5	<0.5	<0.5	<0.5
MW9F	10/11/02	11.38	5.67	5.71	No	99.9	128	138	<0.5	<0.5	<0.5	<0.5
MW9F	01/10/03	11.38	5.09	6.29	No	<50.0	45.5	---	<0.5	<0.5	<0.5	<0.5
MW9F	04/09/03	11.38	5.39	5.99	No	<50.0	50.8	---	<0.50	<0.5	<0.5	<0.5
MW9F	07/22/03	11.38	5.52	5.86	No	82.3	64.0	---	<0.50	<0.5	<0.5	<0.5
MW9F	10/01/03	11.38	5.59	5.79	No	67.0	--	56.4	<0.50	<0.5	<0.5	<0.5
MW9F	01/06/04	11.38	5.21	6.17	No	<50.0	--	36.7	<0.50	<0.5	<0.5	<0.5

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 70238
2200 East 12th Street
Oakland, California

Well ID	Sampling Date	TOC Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW9F	06/07/04	11.38	6.03	5.35	No	<50.0	--	20.5	<0.50	<0.5	<0.5	<0.5
MW9F	08/30/04	11.38	h	h	h	<50.0h	--	14.0h	<0.50h	<0.5h	<0.5h	<0.5h
MW9F	12/13/04	11.38	4.80	6.58	No	<50.0	--	13.4	<0.50	<0.5	<0.5	<0.5
MW9F	03/14/05	11.38	5.10	6.28	No	<50.0	--	4.20	<0.50	<0.5	<0.5	<0.5
MW9F	06/08/05	11.38	5.38	6.00	No	<50.0	--	8.70	<0.50	<0.5	<0.5	<0.5
MW9F	09/01/05	11.38	5.53	5.85	No	<50.0	---	19.6	<0.50	<0.50	<0.50	<0.50
MW9F	12/09/05 j	11.38	---	---	---	---	---	---	---	---	---	---
MW9F	12/30/05	11.38	4.81	6.57	No	<50.0	---	7.01	<0.50	<0.50	<0.50	<0.50
MW9F	03/07/06 j	11.38	---	---	---	---	---	---	---	---	---	---
MW9F	06/26/06 j	11.38	---	---	---	---	---	---	---	---	---	---
MW9F	09/25/06	11.38	5.56	5.82	No	<50.0	---	6.52	<0.50	<0.50	<0.50	<0.50
MW9F	12/15/06	11.38	5.10	6.28	No	<50	---	7.2	<0.50	<0.50	<0.50	<0.50
MW9F	03/29/07- Present j											
MW9G	12/06/88	---	---	---	---	---	---	---	0.8	<1.0	<2.0	<1.0
MW9G	10/13/89	---	---	---	---	---	---	---	<0.5	<0.5	<0.5	<3.0
MW9G	10/19/90	---	---	---	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9G	02/05/92	98.51 l	5.59	92.92	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9G	05/05/92	98.51 l	5.60	92.91	---	<50	---	---	1.5	3.8	1	4.7
MW9G	09/14/92	98.51 l	---	---	---	---	---	---	---	---	---	---
MW9G	11/16/92	98.51 l	5.78	92.73	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9G	02/03/93	98.51 l	5.05	93.46	---	64	---	---	<0.5	<0.5	<0.5	<0.5
MW9G	05/18/93	98.51 l	5.62	92.89	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9G	08/26/93	98.51 l	5.86	92.65	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9G	11/04/93	98.51 l	5.96	92.55	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9G	02/04/94	98.51 l	5.48	93.03	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9G	05/31/94	98.51 l	5.50	93.01	---	---	---	---	---	---	---	---
MW9G	10/26/94	9.95	5.76	4.19	---	---	---	---	---	---	---	---
MW9G	05/15/95	9.95	4.88	5.07	---	---	---	---	---	---	---	---
MW9G	11/02/95	9.95	5.92	4.03	No	<50	<10	---	<0.5	<0.5	<0.5	<0.5
MW9G	04/26/96	9.95	5.28	4.67	No	<50	18	---	<0.5	<0.5	<0.5	<0.5
MW9G	08/22/96	9.95	5.57	4.38	No	<50	18	---	<0.5	<0.5	<0.5	<0.5
MW9G	02/24/97	9.95	5.30	4.65	No	<50	240	---	<0.5	0.57	<0.5	0.62
MW9G	03/16/98	9.95	---	---	---	---	---	---	---	---	---	---
MW9G	04/21/98	9.95	---	---	---	---	---	---	---	---	---	---

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 70238
2200 East 12th Street
Oakland, California

Well ID	Sampling Date	TOC Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW9G	07/22/98	12.99	---	---	---	---	---	---	---	---	---	---
MW9G	12/22/98	12.99	5.28	7.71	No	<50	1,100	---	<0.5	<0.5	<0.5	<0.5
MW9G	02/26/99	12.99	5.31	7.68	No	<50	50	---	<0.5	<0.5	<0.5	<0.5
MW9G	05/18/99	12.99	5.18	7.81	No	<1,000	3,990	---	<10	<10	<10	<10
MW9G	08/03/99	12.99	6.00	6.99	No	<50	1,340	---	<0.5	<0.5	<0.5	<0.5
MW9G	12/03/99	12.99	5.27	7.72	No	<50	<2	---	<0.5	<0.5	<0.5	0.55 b
MW9G	02/29/00	12.99	4.60	8.39	No	<50	7,900	---	<0.5	<0.5	<0.5	<0.5
MW9G	05/18/00	12.99	5.16	7.83	No	<50	2,400	---	<0.5	<0.5	<0.5	<0.5
MW9G	07/24/00	12.99	5.20	7.79	No	<50	1,000	---	<0.5	<0.5	<0.5	<0.5
MW9G	10/09/00	12.99	5.26	7.73	No	<50	180	---	<0.5	<0.5	<0.5	<0.5
MW9G	01/10/01	12.99	5.18	7.81	No	<50	1,200	---	<0.5	<0.5	<0.5	<0.5
MW9G	04/10/01	12.99	5.08	7.91	No	<50	9,100	---	<0.5	<0.5	<0.5	<0.5
MW9G	07/12/01	12.99	--	--	No	<50	3,000	---	<0.5	<0.5	<0.5	<0.5
MW9G	08/17/01 d	12.99	---	---	---	---	---	---	---	---	---	---
MW9G	10/11/01	12.99	5.48	7.51	No	<50	1,600	---	<0.5	<0.5	<0.5	<0.5
MW9G	11/01/01	12.98	Well surveyed in compliance with AB2886 requirements.									
MW9G	01/11/02	12.98	4.97	8.01	No	419e	945e	---	<0.50	<0.50	<0.50	<0.50
MW9G	04/12/02	12.98	5.12	7.86	No	10,700	11,000	---	<0.50	<0.50	<0.50	<0.50
MW9G	07/12/02	12.98	5.31	7.67	No	2,310	3,140	---	<0.5	<0.5	<0.5	<0.5
MW9G	10/11/02	12.98	5.39	7.59	No	1,630	2,040	2,090	<0.5	<0.5	<0.5	<0.5
MW9G	01/10/03	12.98	4.90	8.08	No	367	566	---	<0.5	<0.5	<0.5	<0.5
MW9G	04/09/03	12.98	5.15	7.83	No	3,730	3,990	---	<0.50	<0.5	<0.5	<0.5
MW9G	07/22/03	12.98	5.30	7.68	No	1,070	968	---	<0.50	<0.5	<0.5	<0.5
MW9G	10/01/03	12.98	5.41	7.57	No	1,300	---	1,570	<0.50	<0.5	<0.5	<0.5
MW9G	01/06/04	12.98	4.92	8.06	No	568	---	918	<0.50	<0.5	<0.5	<0.5
MW9G	06/07/04	12.98	5.49	7.49	No	457	---	324	<0.50	<0.5	<0.5	<0.5
MW9G	08/30/04	12.98	h	h	h	428h	---	369h	<0.50h	<0.5h	<0.5h	<0.5h
MW9G	12/13/04	12.98	5.01	7.97	No	1,030	---	1,030	<0.50	<0.5	<0.5	<0.5
MW9G	03/14/05	12.98	4.98	8.00	No	395	---	451	<0.50	<0.5	<0.5	<0.5
MW9G	06/08/05	12.98	5.54	7.44	No	333	---	404	<0.50	<0.5	<0.5	<0.5
MW9G	09/01/05	12.98	6.35	6.63	No	218	---	308	<0.50	<0.50	<0.50	0.63
MW9G	12/09/05 j	12.98	---	---	---	---	---	---	---	---	---	---
MW9G	12/30/05	12.98	4.83	8.15	No	75.3	---	69.9	<0.50	<0.50	<0.50	<0.50
MW9G	03/07/06 j	12.98	---	---	---	---	---	---	---	---	---	---
MW9G	06/26/06 j	12.98	---	---	---	---	---	---	---	---	---	---

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 70238
2200 East 12th Street
Oakland, California

Well ID	Sampling Date	TOC Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW9G	09/25/06	12.98	8.41	4.57	No	94.5	---	180	<0.50	<0.50	<0.50	<0.50
MW9G	12/15/06	12.98	5.30	7.68	No	50k	---	52	<0.50	<0.50	<0.50	<0.50
MW9G	03/29/07- Present j											
MW9H	12/06/88	---	---	---	---	---	---	---	<0.5	<1.0	<2.0	<1.0
MW9H	10/13/89	---	---	---	---	---	---	---	<0.5	<0.5	<0.5	<3.0
MW9H	10/19/90	---	---	---	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9H	02/05/92	97.14 l	7.70	89.44	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9H	05/05/92	97.14 l	8.12	89.02	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9H	09/14/92	97.14 l	---	---	---	---	---	---	---	---	---	---
MW9H	11/16/92	97.14 l	---	---	---	---	---	---	---	---	---	---
MW9H	02/03/93	97.14 l	7.72	89.42	---	280	---	---	<0.5	<0.5	<0.5	<0.5
MW9H	05/18/93	97.14 l	8.12	89.02	---	<50	---	---	<0.5	<0.5	1.1	6.4
MW9H	08/26/93	97.14 l	8.14	89.00	---	<50	---	---	0.8	<0.5	<0.5	<0.5
MW9H	11/04/93	97.14 l	8.15	88.99	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9H	02/04/94	97.14 l	7.98	89.16	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9H	05/31/94	97.14 l	8.80	88.34	---	<50	---	---	0.92	1.1	<0.5	0.86
MW9H	10/26/94	8.58	8.12	0.46	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9H	05/15/95	8.58	7.88	0.70	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9H	11/02/95	8.58	8.40	0.18	No	<50	<10	---	<0.5	<0.5	<0.5	<0.5
MW9H	04/26/96	8.58	8.05	0.53	No	---	---	---	---	---	---	---
MW9H	08/22/96	8.58	8.17	0.41	No	---	---	---	---	---	---	---
MW9H	02/24/97	8.58	---	---	---	---	---	---	---	---	---	---
MW9H	03/16/98	8.58	---	---	---	---	---	---	---	---	---	---
MW9H	04/21/98	8.58	---	---	---	---	---	---	---	---	---	---
MW9H	07/22/98	11.61	---	---	---	---	---	---	---	---	---	---
MW9H	12/22/98	11.61	7.81	3.80	No	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5
MW9H	02/26/99	11.61	7.61	4.00	No	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5
MW9H	05/18/99	11.61	8.00	3.61	No	<50	3.98	---	<0.5	<0.5	<0.5	<0.5
MW9H	08/03/99	11.61	6.05	5.56	No	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5
MW9H	12/03/99	11.61	5.32	6.29	No	<50	<2	---	<0.5	<0.5	<0.5	0.57 b
MW9H	02/29/00	11.61	7.10	4.51	No	<50	<2	---	<0.5	<0.5	<0.5	<0.5
MW9H	05/18/00	11.61	7.84	3.77	No	<50	9.7	---	<0.5	<0.5	<0.5	<0.5
MW9H	07/24/00	11.61	7.94	3.67	No	<50	17	---	<0.5	<0.5	<0.5	<0.5
MW9H	10/09/00	11.61	8.09	3.52	No	<50	13	---	<0.5	<0.5	<0.5	1.1

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 70238
2200 East 12th Street
Oakland, California

Well ID	Sampling Date	TOC Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW9H	01/10/01	11.61	7.89	3.72	No	<50	11	---	<0.5	<0.5	<0.5	0.5
MW9H	04/10/01	11.61	8.71	2.90	No	<50	44	---	<0.5	0.78	0.52	2.36
MW9H	07/12/01	11.61	--	--	No	<50	28	---	<0.5	<0.5	<0.5	<0.5
MW9H	08/17/01 d	11.61	---	---	---	---		---	---	---	---	---
MW9H	10/11/01	11.61	8.15	3.46	No	<50	30	---	<0.5	<0.5	<0.5	<0.5
MW9H	11/01/01	11.59	Well surveyed in compliance with AB2886 requirements.									
MW9H	01/11/02	11.59	7.48	4.11	No	<50.0	20.5e	---	<0.50	<0.50	<0.50	<0.50
MW9H	04/12/02	11.59	7.68	3.91	No	<50.0	32.8	---	<0.50	<0.50	<0.50	<0.50
MW9H	07/12/02	11.59	8.06	3.53	No	<50.0	34.6	---	<0.5	<0.5	<0.5	<0.5
MW9H	10/11/02	11.59	7.83	3.76	No	<50.0	33.1	28.7	<0.5	<0.5	<0.5	<0.5
MW9H	01/10/03	11.59	7.39	4.20	No	<50.0	16.0	---	0.5	0.8	0.6	1.8
MW9H	04/09/03	11.59	7.69	3.90	No	<50.0	26.8	---	<0.50	<0.5	<0.5	<0.5
MW9H	07/22/03	11.59	7.94	3.65	No	55.3	34.7	---	<0.50	<0.5	<0.5	<0.5
MW9H	10/01/03	11.59	7.93	3.66	No	<50.0	---	32.3	<0.50	<0.5	<0.5	0.9
MW9H	01/06/04	11.59	7.27	4.32	No	<50.0	---	10	<0.50	<0.5	<0.5	<0.5
MW9H	06/07/04	11.59	7.99	3.60	No	50.6	---	71.7	<0.50	<0.5	<0.5	<0.5
MW9H	08/30/04	11.59	h	h	h	64.2h	---	51.0h	<0.50h	<0.5h	<0.50h	<0.5h
MW9H	12/13/04	11.59	7.22	4.37	No	<50.0	---	14.0	<0.50	<0.5	0.5	1.2
MW9H	03/14/05	11.59	6.96	4.63	No	<50.0	---	27.4	<0.50	<0.5	<0.5	<0.5
MW9H	06/08/05	11.59	7.53	4.06	No	52.6	---	68.8	<0.50	<0.5	<0.5	<0.5
MW9H	09/01/05	11.59	7.82	3.77	No	140	---	71.6	<0.50	<0.50	<0.50	<0.50
MW9H	12/09/05 j	---	---	---	---	---	---	---	---	---	---	---
MW9H	12/30/05	11.59	7.27	4.32	No	<50.0	---	13.7	<0.50	<0.50	<0.50	<0.50
MW9H	03/07/06 j	11.59	---	---	---	---	---	---	---	---	---	---
MW9H	06/26/06 j	11.59	---	---	---	---	---	---	---	---	---	---
MW9H	09/25/06	11.59	7.96	3.63	No	59.5	---	71.0	<0.50	<0.50	<0.50	<0.50
MW9H	12/15/06	11.59	7.42	4.17	No	57	---	21	<0.50	<0.50	<0.50	<0.50
MW9H	03/29/07- Present j											
MW9I	11/15/90	---	---	---	---	55	---	---	4.0	1.1	1.2	2.2
MW9I	02/05/92	98.66 l	5.56	93.10	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9I	05/05/92	98.66 l	5.60	93.06	---	<50	---	---	0.9	<0.5	<0.5	0.7
MW9I	09/14/92	98.66 l	6.12	92.54	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9I	11/16/92	98.66 l	5.82	92.84	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9I	02/03/93	98.66 l	4.92	93.74	---	240	---	---	46	1.1	2.3	2.1

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 70238
2200 East 12th Street
Oakland, California

Well ID	Sampling Date	TOC Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW9I	05/18/93	98.66 I	5.60	93.06	---	79	---	---	<0.5	<0.5	<0.5	<0.5
MW9I	08/26/93	98.66 I	5.91	92.75	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9I	11/04/93	98.66 I	6.03	92.63	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9I	02/04/94	98.66 I	5.37	93.29	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9I	05/31/94	98.66 I	5.46	93.20	---	240	---	---	0.66	0.63	<0.5	1.4
MW9I	10/26/94	10.11	5.88	4.23	---	150	---	---	<0.5	<0.5	<0.5	<0.5
MW9I	05/15/95	10.11	4.94	5.17	---	56	---	---	<0.5	0.82	<0.5	<0.5
MW9I	11/02/95	10.11	6.04	4.07	No	<50	<10	---	<0.5	<0.5	<0.5	<0.5
MW9I	04/26/96	10.11	5.27	4.84	No	<50	99	---	<0.5	<0.5	<0.5	<0.5
MW9I	08/22/96	10.11	5.66	4.45	No	<50	170	---	<0.5	<0.5	<0.5	<0.5
MW9I	02/24/97	10.11	5.24	4.87	No	120	9,100	---	<0.5	<0.5	<0.5	<0.5
MW9I	03/16/98	10.11	4.91	5.20	No	<200	59,000	---	13	<2.0	<2.0	<2.0
MW9I	04/21/98	10.11	5.08	5.03	No	<500	59,000	---	<5.0	<5.0	<5.0	<5.0
MW9I	07/22/98	13.14	5.44	7.70	No	<500	62,000	---	<5.0	<5.0	<5.0	<5.0
MW9I	12/22/98	13.14	5.32	7.82	No	200	51,000	---	1.7	<0.5	<0.5	<0.5
MW9I	02/26/99	13.14	4.71	8.43	No	<500	9,700	---	<5.0	<5.0	<5.0	<5.0
MW9I	05/18/99	13.14	5.30	7.84	No	<1,000	3,730	---	<10	<10	<10	<10
MW9I	08/03/99	13.14	5.98	7.16	No	<50	21,900	---	<0.5	0.650	<0.5	<0.5
MW9I	12/03/99	13.14	5.31	7.83	No	<250	2,000	---	3.9	2.9	<2.5	14
MW9I	02/29/00	13.14	4.20	8.94	No	50	16,000	---	0.74	<0.5	<0.5	<0.5
MW9I	05/18/00	13.14	5.12	8.02	No	<50	2,900	---	<0.5	<0.5	<0.5	<0.5
MW9I	07/24/00	13.14	5.41	7.73	No	<250	43,000	---	<2.5	<2.5	<2.5	<2.5
MW9I	10/09/00	13.14	5.41	7.73	No	<2,500	54,000	---	1.6	<0.5	<0.5	<0.5
MW9I	01/10/01	13.14	5.24	7.90	No	<250	36,000	---	<2.5	<2.5	<2.5	<2.5
MW9I	04/10/01	13.14	4.84	8.30	No	<50	4,800	---	<0.5	<0.5	<0.5	<0.5
MW9I	07/12/01	13.14	---	---	No	<50	8,400	---	<0.5	<0.5	<0.5	<0.5
MW9I	08/17/01	13.14	6.49	6.65	---	---	---	---	---	---	---	---
MW9I	10/11/01	13.14	5.64	7.50	No	<250	38,000	---	<2.5	<2.5	<2.5	<2.5
MW9I	11/01/01	13.13	Well surveyed in compliance with AB2886 requirements.									
MW9I	01/11/02	13.13	4.80	8.33	No	1,330e	5,400e	---	4.80e	<0.50	<0.50	<0.50
MW9I	04/12/02	13.13	5.22	7.91	No	1,460	1,480	---	<0.50	<0.50	<0.50	<0.50
MW9I	07/12/02	13.13	5.50	7.63	No	4,460	6,490	---	<0.5	<0.5	<0.5	<0.5
MW9I	10/11/02	13.13	5.35	7.78	No	31,300	37,700	51,000	<5.0	<5.0	<5.0	<5.0
MW9I	01/10/03	13.13	4.75	8.38	No	4,820	6,180	---	9.4	0.7	1.1	1.3
MW9I	04/09/03	13.13	5.15	7.98	No	2,130	1,510	---	22.3	1.9	1.5	1.5

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 70238
2200 East 12th Street
Oakland, California

Well ID	Sampling Date	TOC Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW9I	07/22/03	13.13	5.50	7.63	No	2,330	2,540	---	1.60	<0.5	<0.5	<0.5
MW9I	10/01/03	13.13	5.65	7.48	No	6,080	---	4,610	1.00	<0.5	<0.5	<0.5
MW9I	01/06/04	13.13	4.50	8.63	No	175	---	61.3	0.90	<0.5	0.5	<0.5
MW9I	06/07/04	13.13	6.87	6.26	No	4,620	---	3,410	<0.50	<0.5	<0.5	<0.5
MW9I	08/30/04	13.13	h	h	h	817h	---	847h	<0.50h	<0.5h	<0.5h	<0.5h
MW9I	12/13/04	13.13	4.47	8.66	No	<50.0	---	14.4	<0.50	<0.5	<0.5	<0.5
MW9I	03/14/05	13.13	5.05	8.08	No	96.7	---	44.9	<0.50	<0.5	<0.5	<0.5
MW9I	06/08/05	13.13	6.47	6.66	No	1,230	---	321	<0.50	<0.5	<0.5	0.8
MW9I	09/01/05	13.13	5.60	7.53	No	170	---	62.3	1.22	0.77	<0.50	<0.50
MW9I	12/09/05	13.13	6.82	6.31	No	78.3	---	81.0	<0.50	0.58	<0.50	<0.50
MW9I	12/30/05	13.13	4.23	8.90	No	---	---	---	---	---	---	---
MW9I	03/07/06	13.13	5.08	8.05	No	<50	---	0.96	<0.50	<0.50	<0.50	<0.50
MW9I	06/26/06	13.13	5.30	7.83	No	<50	---	3.7	<0.50	<0.50	<0.50	<0.50
MW9I	09/25/06	13.13	6.17	6.96	No	50.9	---	24.0	<0.50	<0.50	<0.50	<0.50
MW9I	12/15/06	13.13	5.45	7.68	No	<50	---	0.59	<0.50	<0.50	<0.50	<0.50
MW9I	03/29/07	13.13	6.35	6.78	No	<50	---	1.15	<0.50	<0.50	<0.50	0.62
MW9I	06/12/07	13.13	5.87	7.26	No	<50	---	0.53	<0.50	<0.50	<0.50	<0.50
MW9I	08/23/07	13.13	6.14	6.99	No	<50	---	0.86	<0.50	<0.50	<0.50	<0.50
MW9I	11/27/07	13.13	6.48	6.65	No	<50	---	0.69	<0.50	<0.50	<0.50	<0.50
MW9I	02/01/08	13.13	4.28	8.85	No	<50	---	<0.50	<0.50	<0.50	<0.50	<0.50
MW9I	05/19/08	13.13	6.29	6.84	No	<50	---	<0.50	<0.50	<0.50	<0.50	<0.50

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 70238
2200 East 12th Street
Oakland, California

Notes:		
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.
TPHg	=	Total petroleum hydrocarbons as gasoline analyzed using EPA Method 8015B.
MTBE 8021B	=	Methyl tertiary butyl ether analyzed using EPA Method 8021B.
MTBE 8260B	=	Methyl tertiary butyl ether analyzed using EPA Method 8260B.
BTEX	=	Benzene, toluene, ethylbenzene, and total xylenes analyzed using EPA Method 8021B.
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 reporting limit.
---	=	Not analyzed/Not measured/Not sampled.
a	=	Miscalculation in field. Field technician may have inadvertently monitored and sampled the wrong well. Resampled 05/27/99.
b	=	Analyte detected in the trip blank and/or bailer blank.
c	=	Due to measurement error during initial sampling event, DTW was re-measured on 08/17/01. Samples were not taken.
d	=	Well inaccessible.
e	=	Samples collected after fourth quarter 2001 analyzed by TestAmerica, Incorporated. Reported concentrations may be affected by differing laboratory quantitation methods
f	=	Sample erroneously labeled MA9B on Chain of Custody form and laboratory report.
g	=	Insufficient sample volume to perform analyses.
h	=	Groundwater elevation data invalidated; analytical results suspect.
i	=	Well sampled using no-purge method.
j	=	Well not gauged and/or sampled due to encroachment permit restrictions.
k	=	Hydrocarbon result partly due to individual peak(s) in quantitation range.
l	=	Elevation relative to temporary benchmark with an arbitrary elevation of 100.0 feet.

TABLE 1B
ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 70238
2200 East 12th Street
Oakland, 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)
MW9A	06/13/88 - 07/12/02	Not analyzed for these analytes.						
MW9A	10/11/02	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	---
MW9A	01/10/03	---	---	---	---	---	---	---
MW9A	04/09/03	---	---	---	---	---	---	---
MW9A	07/22/03	---	---	---	---	---	---	---
MW9A	10/01/03	<0.50	<0.50	2.80	1,100	<0.50	<0.50	---
MW9A	01/06/04	<0.50	<0.50	4.90	11,900	<0.50	<0.50	---
MW9A	06/07/04	---	---	---	---	---	---	<2,500
MW9A	08/30/04 d	---	---	---	---	---	---	---
MW9A	12/13/04	---	---	---	---	---	---	---
MW9A	03/14/05	<0.50	<0.50	1.00	14,400	<0.50	<0.50	<50.0
MW9A	06/08/05	<0.50	<0.50	<0.50	22,400	<0.50	<0.50	<100
MW9A	09/01/05	---	---	---	---	---	---	---
MW9A	12/09/05	---	---	---	---	---	---	---
MW9A	12/30/05	---	---	---	---	---	---	---
MW9A	03/07/06	<5.0	<5.0	<5.0	5,600	<5.0	<5.0	<1,000
MW9A	06/26/06	---	---	---	---	---	---	<1,000
MW9A	09/25/06	<0.500	<0.500	<0.500	<10.0	<0.500	<0.500	<50.0
MW9A	12/15/06	<5.0	<5.0	<5.0	1,200	<5.0	<5.0	<1,000
MW9A	03/29/07	<0.500	<0.500	<0.500	297	<0.500	<0.500	<50.0
MW9A	06/12/07	<0.50	<0.50	<0.50	160	<0.50	<0.50	<100
MW9A	08/23/07	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<100
MW9A	11/27/07	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<100
MW9A	02/01/08	<0.50	<0.50	<0.50	5.0	<0.50	<0.50	<100
MW9A	05/19/08	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<100
MW9B	06/13/88 - 07/12/02	Not analyzed for these analytes.						
MW9B	10/11/02 f	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	---
MW9B	01/10/03	---	---	---	---	---	---	---
MW9B	04/09/03	---	---	---	---	---	---	---
MW9B	07/22/03	---	---	---	---	---	---	---
MW9B	10/01/03	<0.50	<0.50	9.70	2,430	<0.50	<0.50	---
MW9B	01/06/04	<0.50	<0.50	9.00	11,500	0.80	<0.50	---
MW9B	06/07/04	---	---	---	---	---	---	<50.0
MW9B	08/30/04	---	---	---	---	---	---	<50.0j
MW9B	12/13/04	---	---	---	---	---	---	---

TABLE 1B
ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 70238
2200 East 12th Street
Oakland, 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)
MW9B	03/14/05	<0.50	<0.50	<0.50	4,800	<0.50	<0.50	<50.0
MW9B	06/08/05	<0.50	<0.50	<0.50	2,320	<0.50	<0.50	<100
MW9B	09/01/05	---	---	---	---	---	---	---
MW9B	12/09/05	---	---	---	---	---	---	---
MW9B	12/30/05	---	---	---	---	---	---	---
MW9B	03/07/06	<0.50	<0.50	<0.50	1,200	<0.50	<0.50	---
MW9B	06/26/06	---	---	---	---	---	---	---
MW9B	09/25/06	<0.500	<0.500	<0.500	70.1	<0.500	<0.500	---
MW9B	12/15/06	<0.50	<0.50	<0.50	56	<0.50	<0.50	---
MW9B	03/29/07	<0.500	<0.500	<0.500	734	<0.500	<0.500	---
MW9B	06/12/07	<0.50	<0.50	<0.50	270	<0.50	<0.50	---
MW9B	08/23/07	<5.0	<5.0	<5.0	520	<5.0	<5.0	---
MW9B	11/27/07	<0.50	<0.50	<0.50	51	<0.50	<0.50	---
MW9B	02/01/08	<0.50	<0.50	<0.50	29	<0.50	<0.50	<100
MW9B	05/19/08	<0.50	<0.50	<0.50	23	<0.50	<0.50	---
MW9C	06/13/88 - 07/12/02	Not analyzed for these analytes.						
MW9C	10/11/02	<0.50	<0.50	34.3	<10.0	<0.50	<0.50	---
MW9C	01/10/03	---	---	---	---	---	---	---
MW9C	04/09/03	---	---	---	---	---	---	---
MW9C	07/22/03	---	---	---	---	---	---	---
MW9C	10/01/03	<0.50	<0.50	2.70	38,400	<0.50	<0.50	---
MW9C	01/06/04	<0.50	<0.50	2.50	90,700	0.80	<0.50	---
MW9C	06/07/04	---	---	---	---	---	---	<50.0
MW9C	08/30/04	---	---	---	---	---	---	<50.0j
MW9C	12/13/04	---	---	---	---	---	---	---
MW9C	03/14/05	<0.50	<0.50	<0.50	674	<0.50	<0.50	<50.0
MW9C	06/08/05	<0.50	<0.50	<0.50	817	<0.50	<0.50	<100
MW9C	09/01/05	---	---	---	---	---	---	---
MW9C	12/09/05	---	---	---	---	---	---	---
MW9C	12/30/05	---	---	---	---	---	---	---
MW9C	03/07/06	<2.5	<2.5	<2.5	160	<2.5	<2.5	---
MW9C	06/26/06	---	---	---	---	---	---	---
MW9C	09/25/06	<0.500	<0.500	<0.500	<10.0	<0.500	<0.500	---
MW9C	12/15/06	<2.5	<2.5	<2.5	<60	<2.5	<2.5	---
MW9C	03/29/07	<0.500	<0.500	<0.500	<10.0	<0.500	<0.500	---
MW9C	06/12/07	<2.5	<2.5	<2.5	<100	<2.5	<2.5	---
MW9C	08/23/07	<0.50	<0.50	<0.50	<10	<0.50	<0.50	---

TABLE 1B
ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 70238
2200 East 12th Street
Oakland, 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)
MW9C	11/27/07	<1.0	<1.0	<1.0	<20	<1.0	<1.0	---
MW9C	02/01/08	<1.0	<1.0	<1.0	<10	<1.0	<1.0	---
MW9C	05/19/08	<0.50	<0.50	<0.50	<10	<0.50	<0.50	---
MW9D	10/24/88 - 07/12/02	Not analyzed for these analytes.						
MW9D	10/11/02 g	---	---	---	---	---	---	---
MW9D	01/10/03	---	---	---	---	---	---	---
MW9D	04/09/03	---	---	---	---	---	---	---
MW9D	07/22/03	---	---	---	---	---	---	---
MW9D	10/01/03	<0.50	<0.50	<0.50	235	<0.50	<0.50	---
MW9D	01/06/04	<0.50	<0.50	<0.50	51.8	<0.50	<0.50	---
MW9D	06/07/04	---	---	---	---	---	---	<50.0
MW9D	08/30/04 h	---	---	---	---	---	---	---
MW9D	12/13/04	---	---	---	---	---	---	---
MW9D	03/14/05	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<50.0
MW9D	06/08/05	<0.50	<0.50	<0.50	57.8	<0.50	<0.50	<100
MW9D	09/01/05	---	---	---	---	---	---	---
MW9D	12/09/05	---	---	---	---	---	---	---
MW9D	12/30/05 d	---	---	---	---	---	---	---
MW9D	03/07/06	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	---
MW9D	06/26/06	---	---	---	---	---	---	---
MW9D	09/25/06	<0.500	<0.500	<0.500	<10.0	<0.500	<0.500	---
MW9D	12/15/06	<0.50	<0.50	<0.50	<12	<0.50	<0.50	---
MW9D	03/29/07	<0.500	<0.500	<0.500	<10.0	<0.500	<0.500	---
MW9D	06/12/07	<0.50	<0.50	<0.50	<20	<0.50	<0.50	---
MW9D	08/23/07	<0.50	<0.50	<0.50	<10	<0.50	<0.50	---
MW9D	11/27/07	<0.50	<0.50	<0.50	<10	<0.50	<0.50	---
MW9D	02/01/08	<0.50	<0.50	<0.50	5.1	<0.50	<0.50	---
MW9D	05/19/08	<0.50	<0.50	<0.50	<10	<0.50	<0.50	---
MW9E	10/24/88 - 10/19/90	Not analyzed for these analytes.						
MW9E	Oct-90	Well destroyed.						
MW9F	12/06/88 - 07/12/02	Not analyzed for these analytes.						
MW9F	10/11/02	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	---
MW9F	01/10/03	---	---	---	---	---	---	---
MW9F	04/09/03	---	---	---	---	---	---	---

TABLE 1B
ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 70238
2200 East 12th Street
Oakland, 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)
MW9F	07/22/03	---	---	---	---	---	---	---
MW9F	10/01/03	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	---
MW9F	01/06/04	<0.50	<0.50	<0.50	13.7	<0.50	<0.50	---
MW9F	06/07/04	---	---	---	---	---	---	<50.0
MW9F	08/30/04	---	---	---	---	---	---	<50.0j
MW9F	12/13/04	---	---	---	---	---	---	---
MW9F	03/14/05	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<50.0
MW9F	06/08/05	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<100
MW9F	09/01/05	---	---	---	---	---	---	---
MW9F	12/09/05 j	---	---	---	---	---	---	---
MW9F	12/30/05	---	---	---	---	---	---	---
MW9F	03/07/06 j	---	---	---	---	---	---	---
MW9F	06/26/06 j	---	---	---	---	---	---	---
MW9F	09/25/06	<0.500	<0.500	<0.500	<10.0	<0.500	<0.500	---
MW9F	12/15/06	<0.50	<0.50	<0.50	<20	<0.50	<0.50	---
MW9F	03/29/07 - Present j							
MW9G	12/06/88 - 07/12/02	Not analyzed for these analytes.						
MW9G	10/11/02	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	---
MW9G	01/10/03	---	---	---	---	---	---	---
MW9G	04/09/03	---	---	---	---	---	---	---
MW9G	07/22/03	---	---	---	---	---	---	---
MW9G	10/01/03	<0.50	<0.50	<0.50	17.1	<0.50	<0.50	---
MW9G	01/06/04	<0.50	<0.50	<0.50	367	<0.50	<0.50	---
MW9G	06/07/04	---	---	---	---	---	---	<50.0
MW9G	08/30/04	---	---	---	---	---	---	<50.0j
MW9G	12/13/04	---	---	---	---	---	---	---
MW9G	03/14/05	<0.50	<0.50	<0.50	569	<0.50	<0.50	<50.0
MW9G	06/08/05	<0.50	<0.50	<0.50	150	<0.50	<0.50	<100
MW9G	09/01/05	---	---	---	---	---	---	---
MW9G	12/09/05 j	---	---	---	---	---	---	---
MW9G	12/30/05	---	---	---	---	---	---	---
MW9G	03/07/06 j	---	---	---	---	---	---	---
MW9G	06/26/06 j	---	---	---	---	---	---	---
MW9G	09/25/06	<0.500	<0.500	<0.500	<10.0	<0.500	<0.500	---
MW9G	12/15/06	<0.50	<0.50	<0.50	<12	<0.50	<0.50	---
MW9G	03/29/07 - Present j							

TABLE 1B
ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 70238
2200 East 12th Street
Oakland, 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)
MW9H	12/06/88 - 10/19/90	Not analyzed for these analytes.						
MW9H	11/02/95	<50	<10	---	---	---	<0.5	<0.5
MW9H	04/26/96 - 07/12/02	Not analyzed for these analytes.						
MW9H	10/11/02	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	---
MW9H	01/10/03	---	---	---	---	---	---	---
MW9H	04/09/03	---	---	---	---	---	---	---
MW9H	07/22/03	---	---	---	---	---	---	---
MW9H	10/01/03	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	---
MW9H	01/06/04	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	---
MW9H	06/07/04	---	---	---	---	---	---	<50.0
MW9H	08/30/04	---	---	---	---	---	---	<50.0j
MW9H	12/13/04	---	---	---	---	---	---	---
MW9H	03/14/05	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<50.0
MW9H	06/08/05	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<100
MW9H	09/01/05	---	---	---	---	---	---	---
MW9H	12/09/05 j	---	---	---	---	---	---	---
MW9H	12/30/05	---	---	---	---	---	---	---
MW9H	03/07/06 j	---	---	---	---	---	---	---
MW9H	06/26/06 j	---	---	---	---	---	---	---
MW9H	09/25/06	<0.500	<0.500	<0.500	<10.0	<0.500	<0.500	---
MW9H	12/15/06	<0.50	<0.50	<0.50	<12	<0.50	<0.50	---
MW9H	03/29/07 - Present j							
MW9I	11/15/90 - 07/12/02	Not analyzed for these analytes.						
MW9I	10/11/02	<0.50	<0.50	24.1	<10.0	<0.50	<0.50	---
MW9I	01/10/03	---	---	---	---	---	---	---
MW9I	04/09/03	---	---	---	---	---	---	---
MW9I	07/22/03	---	---	---	---	---	---	---
MW9I	10/01/03	<0.50	<0.50	1.50	30,300	<0.50	<0.50	---
MW9I	01/06/04	<0.50	<0.50	<0.50	377	<0.50	<0.50	---
MW9I	06/07/04	---	---	---	---	---	---	<50.0
MW9I	08/30/04	---	---	---	---	---	---	<50.0j
MW9I	12/13/04	---	---	---	---	---	---	---
MW9I	03/14/05	<0.50	<0.50	<0.50	1,640	<0.50	<0.50	<50.0
MW9I	06/08/05	<0.50	<0.50	<0.50	47,000	<0.50	<0.50	<100
MW9I	09/01/05	---	---	---	---	---	---	---

TABLE 1B
ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 70238
2200 East 12th Street
Oakland, 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)
MW9I	12/09/05	---	---	---	---	---	---	---
MW9I	12/30/05	---	---	---	---	---	---	---
MW9I	03/07/06	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<100
MW9I	06/26/06	---	---	---	---	---	---	<100
MW9I	09/25/06	<0.500	<0.500	<0.500	10,300	<0.500	<0.500	<50.0
MW9I	12/15/06	<0.50	<0.50	<0.50	730	<0.50	<0.50	<100
MW9I	03/29/07	<0.500	<0.500	<0.500	632	<0.500	<0.500	<50.0
MW9I	06/12/07	<0.50	<0.50	<0.50	140	<0.50	<0.50	---
MW9I	08/23/07	<0.50	<0.50	<0.50	90	<0.50	<0.50	<100
MW9I	11/27/07	<0.50	<0.50	<0.50	15	<0.50	<0.50	<100
MW9I	02/01/08	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<100
MW9I	05/19/08	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<100

TABLE 1B
ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 70238
2200 East 12th Street
Oakland, California

Notes:		
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.
TPHg	=	Total petroleum hydrocarbons as gasoline analyzed using EPA Method 8015B.
MTBE 8021B	=	Methyl tertiary butyl ether analyzed using EPA Method 8021B.
MTBE 8260B	=	Methyl tertiary butyl ether analyzed using EPA Method 8260B.
BTEX	=	Benzene, toluene, ethylbenzene, and total xylenes analyzed using EPA Method 8021B.
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 reporting limit.
---	=	Not analyzed/Not measured/Not sampled.
a	=	Miscalculation in field. Field technician may have inadvertently monitored and sampled the wrong well. Resampled 05/27/99.
b	=	Analyte detected in the trip blank and/or bailer blank.
c	=	Due to measurement error during initial sampling event, DTW was re-measured on 08/17/01. Samples were not taken.
d	=	Well inaccessible.
e	=	Samples collected after fourth quarter 2001 analyzed by TestAmerica, Incorporated. Reported concentrations may be affected by differing laboratory quantitation methods
f	=	Sample erroneously labeled MA9B on Chain of Custody form and laboratory report.
g	=	Insufficient sample volume to perform analyses.
h	=	Groundwater elevation data invalidated; analytical results suspect.
i	=	Well sampled using no-purge method.
j	=	Well not gauged and/or sampled due to encroachment permit restrictions.
k	=	Hydrocarbon result partly due to individual peak(s) in quantitation range.
l	=	Elevation relative to temporary benchmark with an arbitrary elevation of 100.0 feet.

TABLE 2
WELL CONSTRUCTION DETAILS
Former Exxon Service Station 70238
2200 East 12th Street
Oakland, California

Well ID	Well Installation 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
MW9A	06/10/88	14.51	8	18	18	2	PVC	8-18	0.020	NS	NS
MW9B	06/10/88	12.84	8	20	18	2	PVC	8-18	0.020	NS	NS
MW9C	06/10/88	14.16	8	17	18	2	PVC	8-18	0.020	NS	NS
MW9D	10/05/88	15.97	12	16.5	14	4	PVC	5-14	NS	NS	NS
MW9E	10/05/88	NS	12	18.5	14	4	PVC	5-14	NS	NS	NS
MW9F	11/23/88	11.38	8	16	14	4	PVC	4-14	NS	NS	NS
MW9G	11/22/88	12.98	8	16.5	14	4	PVC	5-14	NS	NS	NS
MW9H	11/23/88	11.59	8	16.5	14	4	PVC	5-14	NS	NS	NS
MW9I	11/02/90	13.13	12	16	16	4	NS	4-14	NS	NS	NS
DPE1	06/05/03	NS	10	21	20	4	PVC	5-20	0.020	4-20	#3 Sand
DPE2	06/04/03	NS	10	21	20	4	PVC	5-20	0.020	4-20	#3 Sand
DPE3	06/04/03	NS	10	21	20	4	PVC	5-20	0.020	4-20	#3 Sand
DPE4	06/05/03	NS	10	21	20	4	PVC	5-20	0.020	4-20	#3 Sand
VP1	01/11/01	NS	8	20	20	2	PVC	5-20	0.020	4-20	#3 Sand
VP2	01/11/01	NS	8	20	20	2	PVC	5-20	0.020	4-20	#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.

TABLE 3
OPERATION AND PERFORMANCE DATA FOR DUAL-PHASE EXTRACTION SYSTEM, VAPOR-PHASE
Former Exxon Service Station 70238
2200 East 12th Street
Oakland, California

Date	Field Measurements								Laboratory Analytical Results			TPHg Removal		MTBE Removal		Benzene Removal		Destruction	Benzene
	System Hours	Total Hours	Temp (deg F)	Vacuum ("Hg)	Pressure ("H_2O)	Flow (fpm)	Flow (scfm)	Sample ID	PID (ppmv)	TPHg (mg/M^3)	Benzene (mg/M^3)	MTBE (mg/M^3)	Period (lbs)	Cumulative (lbs)	Period (lbs)	Cumulative (lbs)	Period (lbs)	Cumulative (lbs)	Efficiency (%)	Emission (lbs/day)
03/01/04	System start up. Running on departure.																		
03/01/04	4	---	70	27.5	1.0	350	17.2	A-INF	4,389										
								A-EFF	26.1										
03/05/04	100	---	70	28.0	1.0	700	34.4	A-INF	599										
								A-EFF	9.0										
03/08/04	172	---	70	25.0	1.0	600	29.5	A-INF	>10,000	4,000	37	200	75.97	75.97	3.799	3.799	0.703	0.703	99.74	0.001
								A-EFF	25.9	23	0.50	< 0.50								
03/12/04	268	---	70	26.0	1.0	750	36.9	A-INF	>10,000											
								A-EFF	9.0											
03/19/04	436	---	70	21.5	1.0	750	36.9	A-INF	6,500											
								A-EFF	6.0											
03/26/04	604	---	70	20.0	1.0	1,000	49.2	A-INF	500											
								A-EFF	1.0											
04/02/04	772	---	70	27.0	1.0	1,400	68.9	A-INF	285	87	0.60	15	225.65	301.63	11.871	15.669	2.076	2.779	99.65	0.001
								A-EFF	1.0	< 10	< 0.10	< 0.50								
04/08/04	916	---	70	18.0	1.0	1,500	73.8	A-INF	5,700											
								A-EFF	4.0											
04/15/04	1,084	---	70	20.0	1.0	1,500	73.8	A-INF	9,600											
								A-EFF	17.0											
04/22/04	1,252	---	70	10.0	1.0	600	29.5	A-INF	750											
								A-EFF	2.0											
04/29/04	1,420	---	70	25.0	1.0	700	34.4	A-INF	920											
								A-EFF	4.0											
05/06/04	1,588	---	70	22.0	1.0	650	32.0	A-INF	5,600											
								A-EFF	7.0											
05/13/04	1,756	---	70	24	1.0	650	32.0	A-INF	3,200	1,200	9.1	52	119.45	421.08	6.218	21.888	0.900	3.679	99.94	0.0003
								A-EFF	2.0	< 10	< 0.10	< 0.50								
05/21/04	1,948	---	70	24	1.0	550	27.1	A-INF	767											
								A-EFF	3.0											
05/27/04	2,092	---	70	25	1.0	600	29.5	A-INF	6,700											
								A-EFF	7.0											
06/03/04	2,260	---	70	25	1.0	650	32.0	A-INF	1,969	720	3.1	32	57.88	478.96	2.532	24.420	0.368	4.047	98.48	0.0003
								A-EFF	30.0	16	0.11	< 0.50								
06/09/04	2,404	---	70	27	1.0	600	29.5	A-INF	1,150											
								A-EFF	16.0											
06/24/04	2,764	---	70	27	1.0	500	24.6	A-INF	1,000											
								A-EFF	10.0											
07/14/04	2,774	---	70	26	1.0	800	39.4	A-INF	1,500											
								A-EFF	28.0											
07/22/04	2,966	---	70	24	1.0	1,000	49.2	A-INF	120	400	3.4	13	60.03	538.99	2.412	26.832	0.348	4.395	91.67	0.0015
								A-EFF	10.0	37	0.35	0.55								
08/05/04	409	3,375	---	---	---	---	---	A-INF	---											
								A-EFF	---											
08/20/04	577	3,543	70	21	1.0	800	39.4	A-INF	711											

TABLE 3
OPERATION AND PERFORMANCE DATA FOR DUAL-PHASE EXTRACTION SYSTEM, VAPOR-PHASE
Former Exxon Service Station 70238
2200 East 12th Street
Oakland, California

Date	Field Measurements									Laboratory Analytical Results			TPHg Removal		MTBE Removal		Benzene Removal		Destruction	Benzene
	System Hours	Total Hours	Temp (deg F)	Vacuum ("Hg)	Pressure ("H_2O)	Flow (fpm)	Flow (scfm)	Sample ID	PID (ppmv)	TPHg (mg/M^3)	Benzene (mg/M^3)	MTBE (mg/M^3)	Period (lbs)	Cumulative (lbs)	Period (lbs)	Cumulative (lbs)	Period (lbs)	Cumulative (lbs)	Efficiency (%)	Emission (lbs/day)
								A-EFF	20.0											
08/25/04	745	3,711	70	22	1.0	850	41.8	A-INF	120	850	5.4	< 25	79.27	618.25	< 2.410	< 29.242	0.558	4.953	90.83	0.0016
								A-EFF	11.0	92	0.4	1								
09/09/04	913	3,879	70	22	1.0	800	39.4	A-INF	<4,000	3,100	19	58	50.38	668.63	< 1.059	< 30.300	0.311	5.264	99.33	0.0140
								A-EFF	27.0	910	6.7	< 12								
09/16/04	1,081	4,047	70	22	1.0	950	46.7	A-INF	156										92.31	
								A-EFF	12.0											
09/23/04	1,249	4,215	70	22	1.0	950	46.7	A-INF	132										91.67	
								A-EFF	11.0											
09/30/04	1,417	4,383	70	21	1.0	1,000	49.2	A-INF	240										99.17	
								A-EFF	2.0											
10/07/04	1,505	4,471	70	20	2.0	1,200	59.2	A-INF	101										91.09	
								A-EFF	9.0											
10/14/04	1,593	4,559	70	20	1.0	1,200	59.0	A-INF	70											
								A-EFF	50.0											
10/14/04	Shut down system for catalytic oxidizer evaluation. Catalyst plates may be fouled and in need of replacing. Samples not collected for October.																			
02/04/05	1,593	4,559	71	21	1.0	800	39.3	A-INF	111										100.00	
								A-EFF	0.0											
02/10/05	1,737	4,703	72	21	1.0	750	36.8	A-INF	32	29.0	2.13	2.84	183.54	852.17	3.569	< 33.869	1.239	6.504		0.0123
								A-EFF	4.8	< 10.2	< 0.508	< 0.508								
02/17/05	System shut down.																			
02/17/05	1,905	4,871	64	22	1.0	600	29.9	A-INF	21										93.17	
								A-EFF	1.4											
03/10/05	1,905	4,871	82	18	1.0	1,400	67.4	A-INF	402										99.15	
								A-EFF	3.4											
03/17/05	1,920	4,886	76	17	1.0	1,100	53.5	A-INF	29.4	24.8	1.32	2.94	0.83	853.00	0.089	< 33.958	0.053	6.557	100.00	0.0021
								A-EFF	0.0	< 10.2	< 0.508	< 0.508								
03/24/05	2,088	5,054	76	17	1.0	1,100	53.5	A-INF	29.4										100.00	
								A-EFF	0.0											
03/31/05	2,256	5,222	76	17	1.0	1,100	53.5	A-INF	29.4										100.00	
								A-EFF	0.0											
04/06/05	System down on arrival and departure.																			
04/06/05	2,266	5,232	---	---	---	---	---	A-INF	---											
								A-EFF	---											
05/13/05	System down on arrival. Restarted. Running on departure.																			
	2,269	5,235	72	22	0.0	800	39.1	A-INF	52.1	32.3	2.13	1.73	1.73	854.73	0.141	< 34.100	0.104	6.661	100.00	0.0021
								A-EFF	0.0	< 10.2	< 0.508	< 0.508								
05/20/05	---	---	72	19	1.0	1,400	68.6	A-INF	102										100.00	
								A-EFF	0											
05/27/05	2,456	5,422	72	16	1.0	1,400	68.6	A-INF	42										100.00	
								A-EFF	0											
06/03/05	2,604	5,570	72	15	1.0	1,300	63.7	A-INF	47.0	36.5	2.44	2.54	2.22	856.95	0.138	< 34.237	0.147	6.809	100.00	0.0007
								A-EFF	0.0	< 10.2	< 0.508	< 0.508								
06/10/05	2,772	5,738	72	12	2.0	1,500	73.7	A-INF	33.0											

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Former Exxon Service Station 70238
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Oakland, California

Date	System Hours	Total Hours	Field Measurements: Temp (deg F)	Vacuum ("Hg)	Pressure ("H_2O)	Flow (fpm)	Flow (scfm)	Sample ID	PID (ppmv)	Laboratory Analytical Results: TPHg (mg/M³)	Benzene (mg/M³)	MTBE (mg/M³)	TPHg Removal: Period (lbs)	TPHg Removal: Cumulative (lbs)	MTBE Removal: Period (lbs)	MTBE Removal: Cumulative (lbs)	Benzene Removal: Period (lbs)	Benzene Removal: Cumulative (lbs)	Destruction Efficiency (%)	Benzene Emission (lbs/day)
								A-EFF	0.0											
06/17/05	2,941	5,907	72	14	3.0	1,500	73.9	A-INF	42.0											
								A-EFF	0.0											
06/23/05	3,104	6,070	72	14	3.0	1,400	69.0	A-INF	26.0											
								A-EFF	0.0											
07/01/05	3,273	6,239	72	14	3.0	1,400	69.0	A-INF	12.0											
								A-EFF	0.0											
07/08/05	3,441	6,407	75	16	0.0	1,500	72.9	A-INF	32.6											
								A-EFF	0.0											
07/15/05	3,510	6,476	74	18	0.0	1,400	68.2	A-INF	67.2											
								A-EFF	0.1											
07/22/05	3,675	6,641	74	15	0.0	1,400	68.2	A-INF	12.0											
								A-EFF	0.0											
07/29/05	3,844	6,810	72	16	0.0	1,000	48.9	A-INF	4.0											
								A-EFF	0.0											
08/05/05	3,860	6,826	72	14	0.0	1,400	68.5	A-INF	4.5											
								A-EFF	0.0											
08/12/05	3,860	6,826	72	14	0.0	1,400	68.5	A-INF	4.5	< 5.00	< 0.500	< 0.500	< 6.44	< 863.39	< 0.472	< 34.709	< 0.456	< 7.265	100.00	0.0030
								A-EFF	0.0	< 5.00	< 0.500	< 0.500								
08/19/05	System down for pump repair/replacement.																			
08/19/05	3,867	6,833	---	---	---	---	---	A-INF	---											
								A-EFF	---											
09/23/05	3,882	6,848	72	17	0.0	1,400	68.5	A-INF	56.0	44.8	1.78	0.902	< 0.14	< 863.53	< 0.004	< 34.713	< 0.006	< 7.272	100.00	0.0031
								A-EFF	0.0	< 5.00	< 0.500	< 0.500								
09/30/05	4,048	7,014	72	12	0.0	1,400	68.5	A-INF	5.1											
								A-EFF	0.0											
10/07/05	4,217	7,183	72	16	0.0	1,200	58.7	A-INF	1.0	< 5.00	< 0.500	< 0.500	< 1.98	< 865.51	< 0.056	< 34.769	< 0.091	< 7.362	100.00	
								A-EFF	0.0	---	---	---								
10/14/05	4,386	7,352	72	16	0.0	1,200	58.7	A-INF	3.0											
								A-EFF	0.0											
10/21/05	4,400	7,366	72	18	0.0	1,200	58.7	A-INF	0.0	< 5.00	< 0.500	< 0.500	< 0.20	< 865.71	< 0.020	< 34.789	< 0.020	< 7.382	100.00	0.0029
								A-EFF	0.0	< 5.00	< 0.500	< 0.500								
10/28/05	4,564	7,530	72	12	0.0	1,400	68.5	A-INF	0.0											
								A-EFF	0.0											
11/04/05	4,735	7,701	72	16	0.0	1,400	68.5	A-INF	4.0	7.48	< 0.500	< 0.500	< 0.50	< 866.21	< 0.040	< 34.829	< 0.040	< 7.422	100.00	0.0029
								A-EFF	0.0	< 5.00	< 0.500	< 0.500								
11/11/05	4,905	7,871	72	14	0.0	1,500	73.4	A-INF	14.0											
								A-EFF	0.0											
11/18/05	5,068	8,034	72	18	0.0	1,400	68.5	A-INF	26.0											
								A-EFF	0.0											
11/21/05	5,110	8,076	72	19	0.0	1,200	58.7	A-INF	320.0											
								A-EFF	0.0											
12/05/05	5,371	8,337	72	16	0.0	1,500	73.4	A-INF	28.0	30.0	1.77	7.62	< 3.16	< 869.37	< 0.685	< 35.514	< 0.191	< 7.614	100.00	0.0016
								A-EFF	0.0	< 5.00	< 0.500	< 0.500								

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Date	Field Measurements									Laboratory Analytical Results			TPHg Removal		MTBE Removal		Benzene Removal		Destruction	Benzene
	System Hours	Total Hours	Temp (deg F)	Vacuum ("Hg)	Pressure ("H_2O)	Flow (fpm)	Flow (scfm)	Sample ID	PID (ppmv)	TPHg (mg/M^3)	Benzene (mg/M^3)	MTBE (mg/M^3)	Period (lbs)	Cumulative (lbs)	Period (lbs)	Cumulative (lbs)	Period (lbs)	Cumulative (lbs)	Efficiency (%)	Emission (lbs/day)
12/09/05	System shut down pending catalytic oxidizer repair.																			
12/09/05	5,540	8,506	72	18	0.0	1,300	63.6	A-INF	100.0											
								A-EFF	0.0											
01/27/06	Catalytic oxidizer repair complete. Restart system and discharge to holding tank. Shut down system prior to departure.																			
01/27/06	5,546	8,512	72	18	0.0	1,400	68.5	A-INF	0.0	< 5.00	< 0.500	< 0.500	< 0.81	< 870.18	< 0.188	< 35.702	< 0.053	< 7.666	100.00	0.0032
								A-EFF	0.0	< 5.00	< 0.500	< 0.500								
02/24/06	Restart system, resample, and discharge to holding tank. Shut down system prior to departure.																			
02/24/06	5,548	8,514	72	20	1.0	1,400	68.6	A-INF	0.0	< 5.00	< 0.500	< 0.500	< 0.00	< 870.19	< 0.000	< 35.702	< 0.000	< 7.667	100.00	0.0031
								A-EFF	0.0	< 5.00	< 0.500	< 0.500								
03/03/06	Lab results received, restart system.																			
03/03/06	5,621	8,587	72	19	0.0	800	39.1	A-INF	0.0	< 5.00	< 0.500	3.47	< 0.07	< 870.26	< 0.029	< 35.731	< 0.007	< 7.674	100.00	0.0024
								A-EFF	0.0	< 5.00	< 0.500	< 0.500								
03/09/06	System shut down, awaiting permit renewal.																			
07/11/06	Permit renewal complete, restart system for compliance sampling. System shut down on departure.																			
07/11/06	5,765	8,731	72	18	0.0	1,200	58.7	A-INF	6.9	< 50.0	< 0.500	1.03	< 0.72	< 870.98	< 0.059	< 35.791	< 0.013	< 7.687	100.00	0.0022
								A-EFF	0.0	< 50.0	< 0.500	< 0.500								
07/18/06	System shut down on arrival and running on departure.																			
07/18/06	5,767	8,733	72	17	0.0	---	---	A-INF	---											
								A-EFF	---											
07/21/06	5,835	8,801	72	15	0.0	1,250	61.1	A-INF	64											
								A-EFF	0.0											
07/28/06	6,000	8,966	72	14	0.0	1,200	58.7	A-INF	56											
								A-EFF	0.0											
08/04/06	System running on arrival and departure.																			
08/04/06	6,169	9,135	72	12	0.0	1,400	68.5	A-INF	0.0	< 50.0	< 0.500	< 0.500	< 4.80	< 875.79	< 0.073	< 35.864	< 0.048	< 7.735	100.00	0.0029
								A-EFF	0.0	< 50.0	< 0.500	< 0.500								
08/11/06	6,338	9,304	72	12	0.0	1,400	68.5	A-INF	0.0											
								A-EFF	0.0											
08/18/06	6,509	9,475	72	12	0.0	1,250	61.1	A-INF	0.0											
								A-EFF	0.0											
08/25/06	6,672	9,638	72	12	0.0	1,250	61.1	A-INF	36											
								A-EFF	0.0											
09/01/06	6,699	9,665	72	11	1.0	1,400	68.6	A-INF	42											
								A-EFF	0.0											
09/08/06	System running on arrival and departure.																			
	6,867	9,833	72	15	1.0	1,400	68.6	A-INF	0.0	< 50.0	< 0.500	< 0.500	< 8.95	< 884.74	< 0.089	< 35.954	< 0.089	< 7.825	100.00	0.0031
								A-EFF	0.0	< 50.0	< 0.500	< 0.500								
09/15/06	7,033	9,999	72	11	1.0	1,400	68.6	A-INF	0.0											
								A-EFF	0.0											
09/22/06	7,201	10,167	72	10	1.0	1,400	68.6	A-INF	0.0											
								A-EFF	0.0											
09/29/06	7,370	10,336	74	10	1.0	1,400	68.4	A-INF	0.0											

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Date	Field Measurements									Laboratory Analytical Results			TPHg Removal		MTBE Removal		Benzene Removal		Destruction	Benzene
	System Hours	Total Hours	Temp (deg F)	Vacuum ("Hg)	Pressure ("H_2O)	Flow (fpm)	Flow (scfm)	Sample ID	PID (ppmv)	TPHg (mg/M^3)	Benzene (mg/M^3)	MTBE (mg/M^3)	Period (lbs)	Cumulative (lbs)	Period (lbs)	Cumulative (lbs)	Period (lbs)	Cumulative (lbs)	Efficiency (%)	Emission (lbs/day)
								A-EFF	0.0										
10/06/06	System running on arrival and departure.																			
	7,537	10,503	74	10	1.0	1,400	68.4	A-INF	0.0	< 50.0	< 0.500	1.07	< 8.58	< 893.32	< 0.135	< 36.088	< 0.086	< 7.911	100.00	0.0031
								A-EFF	0.0	< 50.0	< 0.500	< 0.500								
10/13/06	System running on arrival and departure.																			
	7,706	10,672	72	10	1.0	1,400	68.6	A-INF	60											
								A-EFF	0.0											
10/20/06	System running on arrival and departure.																			
	7,873	10,839	72	10	1.0	1,400	68.6	A-INF	126											
								A-EFF	0.0											
10/27/06	System running on arrival and departure.																			
	7,897	10,863	74	10	1.0	1,400	68.4	A-INF	0.0											
								A-EFF	0.0											
11/03/06	System running on arrival and departure.																			
	8,069	11,035	74	10	1.0	1,400	68.4	A-INF	22											
								A-EFF	0.0											
11/10/06	System running on arrival and departure.																			
	8,232	11,198	74	10	1.0	1,400	68.4	A-INF	0.0	< 50.0	< 0.500	0.890	< 8.89	< 902.20	0.174	< 36.263	< 0.089	< 7.999	100.00	0.0031
								A-EFF	0.0	< 50.0	< 0.500	< 0.500								
11/14/06	System running on arrival and departure.																			
	8,329	11,295	73	10	1.0	1,400	68.5	A-INF	20											
								A-EFF	0.0											
11/20/06	System running on arrival and departure.																			
	8,475	11,441	72	11	1.0	1,250	61.3	A-INF	20											
								A-EFF	0.0											
11/27/06	System running on arrival and departure.																			
	8,641	11,607	72	12	1.0	1,200	58.8	A-INF	16											
								A-EFF	0.0											
12/06/06	System running on arrival and departure.																			
	8,856	11,822	72	10	1.0	1,400	68.6	A-INF	12.0	< 50.0	< 0.500	< 0.500	< 7.99	< 910.20	< 0.111	< 36.374	< 0.080	< 8.079	100.00	0.0031
								A-EFF	0.0	< 50.0	< 0.500	< 0.500								
12/15/06	System running on arrival and departure.																			
	9,070	12,036	72	15	1.0	1,000	49.0	A-INF	10.0											
								A-EFF	0.0											
12/21/06	System running on arrival and departure.																			
	9,216	12,182	72	10	1.0	1,200	58.8	A-INF	16.0											
								A-EFF	0.0											
12/27/06	System down on arrival and running on departure.																			
	9,276	12,242	72	14	0.0	1,100	53.8	A-INF	30.6											
								A-EFF	0.0											
01/05/07	System running on arrival and departure.																			
	9,492	12,458	72	10	1.0	1,200	58.8	A-INF	30.0	< 50.0	< 0.500	< 0.500	< 7.58	< 917.78	< 0.076	< 36.449	< 0.076	< 8.155	100.00	0.0029
								A-EFF	0.0	< 50.0	< 0.500	< 0.500								
01/12/07	System running on arrival and departure.																			

TABLE 3
OPERATION AND PERFORMANCE DATA FOR DUAL-PHASE EXTRACTION SYSTEM, VAPOR-PHASE
Former Exxon Service Station 70238
2200 East 12th Street
Oakland, California

Date	Field Measurements									Laboratory Analytical Results			TPHg Removal		MTBE Removal		Benzene Removal		Destruction	Benzene
	System Hours	Total Hours	Temp (deg F)	Vacuum ("Hg)	Pressure ("H_2O)	Flow (fpm)	Flow (scfm)	Sample ID	PID (ppmv)	TPHg (mg/M³)	Benzene (mg/M³)	MTBE (mg/M³)	Period (lbs)	Cumulative (lbs)	Period (lbs)	Cumulative (lbs)	Period (lbs)	Cumulative (lbs)	Efficiency (%)	Emission (lbs/day)
01/12/07	9,662	12,628	70	10	0.0	1,400	68.7	A-INF	10.0											
								A-EFF	0.0											
01/19/07	System running on arrival and departure.																			
01/19/07	9,832	12,798	70	9	0.0	1,400	68.7	A-INF	6.0											
								A-EFF	0.0											
01/26/07	System running on arrival and departure.																			
	9,995	12,961	70	9	0.0	1,400	68.7	A-INF	6.0											
								A-EFF	0.0											
02/02/07	System running on arrival and departure.																			
	10,162	13,128	70	9	0.0	1,400	68.7	A-INF	3.0	< 50.0	< 0.500	< 0.500	< 7.99	< 925.77	< 0.080	< 36.529	< 0.080	< 8.235	100.00	0.0014
								A-EFF	0.0	< 50.0	< 0.500	< 0.500								
02/09/07	System down on arrival and running on departure.																			
	10,293	13,259	70	14	0.0	1,000	49.1	A-INF	16.0											
								A-EFF	0.0											
02/16/07	System running on arrival and departure.																			
	10,462	13,428	70	14	0.0	1,000	49.1	A-INF	12.0											
								A-EFF	0.0											
02/23/07	System running on arrival and departure.																			
	10,652	13,618	70	16	0.0	800	39.3	A-INF	8.0											
								A-EFF	0.0											
03/03/07	System down on arrival and running on departure.																			
	10,788	13,754	70	16	0.0	1,000	49.1	A-INF	0.0											
								A-EFF	0.0											
03/09/07	System running on arrival and departure.																			
	10,856	13,822	70	14	0.0	1,200	58.9	A-INF	1.0	< 50.0	< 0.500	< 0.500	< 8.28	< 934.05	< 0.083	< 36.612	< 0.083	< 8.318	100.00	0.0014
								A-EFF	0.0	< 50.0	< 0.500	< 0.500								
03/14/07	System running on arrival and departure.																			
	10,954	13,920	70	16	0.0	800	39.3	A-INF	6.0											
								A-EFF	0.0											
03/22/07	System running on arrival and departure.																			
	11,170	14,136	70	16	0.0	800	39.3	A-INF	3.0											
								A-EFF	0.0											
03/30/07	System running on arrival and departure.																			
	11,336	14,302	70	16	0.0	800	39.3	A-INF	3.0											
								A-EFF	0.0											
04/03/07	System running on arrival and departure.																			
	11,458	14,424	70	12	0.0	1,000	49.1	A-INF	1.0	< 50.0	< 0.500	0.704	< 6.08	< 940.13	< 0.073	< 36.685	< 0.061	< 8.379	100.00	0.0010
								A-EFF	0.0	< 50.0	< 0.500	< 0.500								
04/10/07	System running on arrival, shut down on departure for vapor abatement retrofit from catalytic oxidizer to granular activated carbon.																			
	11,625	14,591	70	12	0.0	1,000	49.1	A-INF	---											
								A-EFF	---											
04/20/07	Retrofit complete, system down on arrival and departure.																			
	11,626	14,592	70	20	0.0	600	29.5	A-INF	9.0	< 50.0	< 0.500	1.72	< 1.23	< 941.36	0.030	< 36.715	< 0.012	< 8.391	100.00	0.0018
								A-INT	0.0	< 50.0	< 0.500	< 0.500								

TABLE 3
OPERATION AND PERFORMANCE DATA FOR DUAL-PHASE EXTRACTION SYSTEM, VAPOR-PHASE
Former Exxon Service Station 70238
2200 East 12th Street
Oakland, California

Date	Field Measurements									Laboratory Analytical Results			TPHg Removal		MTBE Removal		Benzene Removal		Destruction	Benzene
	System Hours	Total Hours	Temp (deg F)	Vacuum ("Hg)	Pressure ("H_2O)	Flow (fpm)	Flow (scfm)	Sample ID	PID (ppmv)	TPHg (mg/M^3)	Benzene (mg/M^3)	MTBE (mg/M^3)	Period (lbs)	Cumulative (lbs)	Period (lbs)	Cumulative (lbs)	Period (lbs)	Cumulative (lbs)	Efficiency (%)	Emission (lbs/day)
								A-EFF	0.0	< 50.0	< 0.500	< 0.500								
05/11/07	System down on arrival and running on departure.																			
	11,627	14,593	70	19	0.0	600	29.5	A-INF	1.0											
								A-EFF	0.0											
05/17/07	System down on arrival and running on departure.																			
	11,710	14,676	70	19	0.0	1,000	49.1	A-INF	2.0	< 50.0	< 0.500	< 0.500	< 0.62	< 941.98	< 0.014	< 36.729	< 0.006	< 8.397	100.00	0.0018
								A-INT	0.0	< 50.0	< 0.500	< 0.500								
								A-EFF	0.0	< 50.0	< 0.500	< 0.500								
05/24/07	System running on arrival and departure.																			
	11,884	14,850	70	16	0.0	1,000	49.1	A-INF	2.0										100.00	
								A-INT	0.0											
								A-EFF	0.0											
05/31/07	System running on arrival and departure.																			
	12,051	15,017	70	13	0.0	1,000	49.1	A-INF	1.0										100.00	
								A-INT	0.0											
								A-EFF	0.0											
06/08/07	System down on arrival and departure for electrical repair.																			
06/12/07	System down on arrival and running on departure.																			
	12,119	15,085	70	16	0.0	1,200	58.9	A-INF	1.0	< 50.0	< 0.500	< 0.500	< 4.13	< 946.11	< 0.041	< 36.770	< 0.041	< 8.438	100.00	0.0024
								A-INT	0.0	< 50.0	< 0.500	< 0.500								
								A-EFF	0.0	< 50.0	< 0.500	< 0.500								
06/21/07	System running on arrival and departure.																			
	12,559	15,525	70	21	0.0	650	31.9	A-INF	6.0										100.00	
								A-INT	0.0											
								A-EFF	0.0											
06/29/07	System down on arrival and departure.																			
	12,567	15,533	70	15	0.0	1150	56.5	A-INF	---										---	
								A-INT	---											
								A-EFF	---											
07/09/07	System down on arrival and running on departure.																			
	12,455	15,421	70	15	0.0	1,200	58.9	A-INF	1.0										100.00	
								A-INT	0.0											
								A-EFF	0.0											
07/11/07	System running on arrival and departure.																			
	12,488	15,454	70	15	0.0	1,200	58.9	A-INF	1.0	< 50.0	< 0.500	< 0.500	< 4.06	< 950.17	< 0.041	< 36.811	< 0.041	< 8.479	100.00	0.0026
								A-INT	0.0	< 50.0	< 0.500	< 0.500								
								A-EFF	0.0	< 50.0	< 0.500	< 0.500								
07/17/07	System call out, restart system.																			
	12,632	15,598	---	---	0.0	---	---	A-INF	---										---	
								A-INT	---											
								A-EFF	---											
07/18/07	System running on arrival and departure.																			
	12,655	15,621	70	12	0.0	1,200	58.9	A-INF	1.0										100.00	
								A-INT	0.0											

TABLE 3
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Former Exxon Service Station 70238
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Date	Field Measurements									Laboratory Analytical Results			TPHg Removal		MTBE Removal		Benzene Removal		Destruction Efficiency	Benzene Emission
	System Hours	Total Hours	Temp (deg F)	Vacuum ("Hg)	Pressure ("H_2O)	Flow (fpm)	Flow (scfm)	Sample ID	PID (ppmv)	TPHg (mg/M^3)	Benzene (mg/M^3)	MTBE (mg/M^3)	Period (lbs)	Cumulative (lbs)	Period (lbs)	Cumulative (lbs)	Period (lbs)	Cumulative (lbs)	(%)	(lbs/day)
								A-EFF	0.0										
07/24/07	System running on arrival and departure.																			
	12,795	15,761	70	12	0.0	1,200	58.9	A-INF	1.0										100.00	
								A-INT	0.0											
								A-EFF	0.0											
07/31/07	System running on arrival and departure.																			
	12,968	15,934	70	12	0.0	1,200	58.9	A-INF	0.0										100.00	
								A-INT	0.0											
								A-EFF	0.0											
08/09/07	System running on arrival and departure.																			
	13,166	16,132	70	10	0.0	1,300	63.8	A-INF	0.0	< 50.0	< 0.500	< 0.500	< 7.78	< 957.95	< 0.078	< 36.889	< 0.078	< 8.557	100.00	0.0028
								A-INT	0.0	---	---	---								
								A-EFF	0.0	< 50.0	< 0.500	< 0.500								
08/16/07	System running on arrival and departure.																			
	13,287	16,253	70	9	0.0	1,250	61.4	A-INF	65.7										100.00	
								A-INT	0.0											
								A-EFF	0.0											
08/23/07	System running on arrival and departure.																			
	13,506	16,472	84	13	0.0	900	43.0	A-INF	53.0										100.00	
								A-INT	0.0											
								A-EFF	0.0											
08/31/07	System running on arrival and departure.																			
	13,671	16,637	90	14	0.0	900	42.6	A-INF	42.0										100.00	
								A-INT	0.0											
								A-EFF	0.0											
09/07/07	System running on arrival and departure.																			
	13,882	16,848	80	13	0.0	1,000	48.2	A-INF	1.0										100.00	
								A-INT	0.0											
								A-EFF	0.0											
09/14/07	System running on arrival and departure.																			
	14,030	16,996	80	12	0.0	900	43.4	A-INF	0.0	< 11	0.0074	0.12	< 5.28	< 963.24	< 0.054	< 36.942	< 0.044	< 8.601	100.00	0.0012
								A-INT	0.0	< 11	0.0050	0.17								
								A-EFF	0.0	< 11	0.0045	0.047								
09/21/07	System running on arrival and departure.																			
	14,198	17,164	80	12	0.0	1,000	48.2	A-INF	0.0										100.00	
								A-INT	0.0											
								A-EFF	0.0											
09/28/07	System down on arrival and running on departure.																			
	14,329	17,295	80	14	0.0	900	43.4	A-INF	0.0										100.00	
								A-INT	0.0											
								A-EFF	0.0											
10/02/07	System down on arrival and running on departure.																			
	14,348	17,314	70	20	0.0	1,000	49.1	A-INF	0.0										100.00	
								A-INT	0.0											

TABLE 3
OPERATION AND PERFORMANCE DATA FOR DUAL-PHASE EXTRACTION SYSTEM, VAPOR-PHASE
Former Exxon Service Station 70238
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Date	Field Measurements									Laboratory Analytical Results			TPHg Removal		MTBE Removal		Benzene Removal		Destruction Efficiency (%)	Benzene Emission (lbs/day)
	System Hours	Total Hours	Temp (deg F)	Vacuum ("Hg)	Pressure ("H_2O)	Flow (fpm)	Flow (scfm)	Sample ID	PID (ppmv)	TPHg (mg/M^3)	Benzene (mg/M^3)	MTBE (mg/M^3)	Period (lbs)	Cumulative (lbs)	Period (lbs)	Cumulative (lbs)	Period (lbs)	Cumulative (lbs)		
								A-EFF	0.0											
10/12/07	System running on arrival and departure.																			
	14,587	17,553	70	21	0.0	900	44.2	A-INF	0.0	< 11	0.0075	1.3b/0.67c	< 1.00	< 964.24	0.065	< 37.007	0.001	< 8.601	100.00	0.00002
								A-INT	0.0	a	a	a								
								A-EFF	0.0	< 11	0.0062	0.016								
10/16/07	System running on arrival and departure.																			
	14,685	17,651	70	21	0.0	700	34.4	A-INF	0.0										100.00	
								A-INT	0.0											
								A-EFF	0.0											
10/21/07	System running on arrival and departure.																			
	14,828	17,794	70	21	0.0	700	34.4	A-INF	0.0										100.00	
								A-INT	0.0											
								A-EFF	0.0											
11/02/07	System running on arrival and departure.																			
	15,090	18,056	70	19	0.0	800	39.3	A-INF	0.0										100.00	
								A-INT	7.0											
								A-EFF	0.0											
11/09/07	System running on arrival and departure.																			
	15,240	18,206	70	19	0.0	800	39.3	A-INF	0.0	< 11	0.0018	0.18	< 1.12	< 965.36	0.075	< 37.083	0.000	< 8.602	100.00	0.0000
								A-INT	0.0	< 11	< 0.0016	0.16								
								A-EFF	0.0	< 11	0.0024	0.027								
11/16/07	System running on arrival and departure.																			
	15,428	18,394	70	21	0.0	600	29.5	A-INF	0.0										100.00	
								A-INT	0.0											
								A-EFF	0.0											
11/21/07	System running on arrival and departure.																			
	15,547	18,513	70	21	0.0	---	---	A-INF	0.0										100.00	
								A-INT	0.0											
								A-EFF	0.0											
11/30/07	System running on arrival and departure.																			
	15,765	18,731	60	21	0.0	700	35.0	A-INF	0.0										100.00	
								A-INT	0.0											
								A-EFF	0.0											
12/07/07	System running on arrival and departure.																			
	15,930	18,896	55	22	0.0	600	30.3	A-INF	0.0	< 11	0.0020	0.47	< 0.99	< 966.35	0.029	< 37.112	0.000	< 8.602	100.00	0.0000
								A-INT	0.0	< 11	< 0.0016	0.082								
								A-EFF	0.0	< 11	< 0.0016	< 0.0072								
12/14/07	System running on arrival and departure.																			
	16,102	19,068	52	22	0.0	600	30.5	A-INF	2.3										100.00	
								A-INT	0.0											
								A-EFF	0.0											
12/21/07	System running on arrival and departure.																			
	16,267	19,233	52	22	0.0	600	30.5	A-INF	1.0										100.00	
								A-INT	0.0											

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Date	Field Measurements									Laboratory Analytical Results			TPHg Removal		MTBE Removal		Benzene Removal		Destruction Efficiency (%)	Benzene Emission (lbs/day)
	System Hours	Total Hours	Temp (deg F)	Vacuum ("Hg)	Pressure ("H_2O)	Flow (fpm)	Flow (scfm)	Sample ID	PID (ppmv)	TPHg (mg/M^3)	Benzene (mg/M^3)	MTBE (mg/M^3)	Period (lbs)	Cumulative (lbs)	Period (lbs)	Cumulative (lbs)	Period (lbs)	Cumulative (lbs)		
								A-EFF	0.0										
12/27/07	System running on arrival and departure.																			
	16,413	19,379	52	22	0.0	600	30.5	A-INF	0.5										100.00	
								A-INT	0.0											
								A-EFF	0.0											
01/04/08	System running on arrival and departure.																			
	16,602	19,568	52	22	0.0	600	30.5	A-INF	0.0										100.00	
								A-INT	0.0											
								A-EFF	0.0											
01/07/08	System running on arrival and departure.																			
	16,679	19,645	52	22	0.0	600	30.5	A-INF	0.0										100.00	
								A-INT	0.0											
								A-EFF	0.0											
01/18/08	System running on arrival and departure.																			
	16,942	19,908	52	20	0.0	600	30.5	A-INF	0.0	< 11	0.0022	0.010	< 1.27	< 967.61	0.028	< 37.139	0.000	< 8.602	100.00	0.0000
								A-INT	0.0	< 11	< 0.0020	0.22								
								A-EFF	0.0	< 11	< 0.0016	0.15								
01/25/08	System running on arrival and departure.																			
	17,110	20,076	54	22	0.0	600	30.4	A-INF	0.0										100.00	
								A-INT	0.0											
								A-EFF	0.0											
01/31/08	System running on arrival and departure.																			
	17,254	20,220	53	22.5	0.0	650	33.0	A-INF	0.0										100.00	
								A-INT	0.0											
								A-EFF	0.0											
02/08/08	System running on arrival and departure.																			
	17,449	20,415	59	22	0.0	650	32.6	A-INF	0.0	< 11	< 0.0064	0.33	< 0.66	< 968.27	0.010	< 37.150	< 0.000	< 8.603	100.00	0.0000
								A-INT	0.0	< 11	< 0.0032	0.23								
								A-EFF	0.0	< 11	< 0.0016	0.051								
02/15/08	System running on arrival and departure.																			
	17,611	20,577	58	22	0.0	650	32.6	A-INF	0.0										100.00	
								A-INT	0.0											
								A-EFF	0.0											
02/22/08	System running on arrival and departure.																			
	17,785	20,751	57	22	0.0	650	32.7	A-INF	0.0										100.00	
								A-INT	0.0											
								A-EFF	0.0											
02/26/08	System running on arrival and departure.																			
	17,875	20,841	55	22	0.0	650	32.8	A-INF	0.0										100.00	
								A-INT	0.0											
								A-EFF	0.0											
03/07/08	System running on arrival and departure.																			
	18,123	21,089	68	21	0.0	700	34.5	A-INF	0.0										100.00	

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Date	Field Measurements									Laboratory Analytical Results			TPHg Removal		MTBE Removal		Benzene Removal		Destruction	Benzene
	System Hours	Total Hours	Temp (deg F)	Vacuum ("Hg)	Pressure ("H_2O)	Flow (fpm)	Flow (scfm)	Sample ID	PID (ppmv)	TPHg (mg/M^3)	Benzene (mg/M^3)	MTBE (mg/M^3)	Period (lbs)	Cumulative (lbs)	Period (lbs)	Cumulative (lbs)	Period (lbs)	Cumulative (lbs)	Efficiency (%)	Emission (lbs/day)
								A-INT	0.0										
								A-EFF	0.0										
03/14/08	System running on arrival and departure.																			
	18,294	21,260	68	21	0.0	700	34.5	A-INF	0.0										100.00	
								A-INT	0.0											
								A-EFF	0.0											
03/21/08	System running on arrival and departure.																			
	18,457	21,423	66	21	0.0	700	34.6	A-INF	0.0										100.00	
								A-INT	0.0											
								A-EFF	0.0											
03/28/08	System running on arrival and departure.																			
	18,622	21,588	66	20	0.0	750	37.1	A-INF	0.0	< 11	< 0.0016	0.17	< 1.68	< 969.95	0.038	< 37.188	< 0.001	< 8.603	100.00	0.0000
								A-INT	0.0	< 11	< 0.0016	0.33								
								A-EFF	0.0	< 11	< 0.0016	0.060								
04/08/08	System running on arrival and departure.																			
	18,786	21,752	60	21	0.0	700	35.0	A-INF	1.0										100.00	
								A-INT	0.0											
								A-EFF	0.0											
04/11/08	System running on arrival and departure.																			
	18,994	21,960	60	20	0.0	700	35.0	A-INF	1.2	< 11	< 0.0016	0.058	< 0.55	< 970.50	0.006	< 37.193	< 0.000	< 8.603	100.00	0.0000
								A-INT	0.0	< 11	< 0.0016	0.12								
								A-EFF	0.0	< 11	< 0.0016	0.16								
04/15/08	System running on arrival and departure.																			
	19,049	22,015	60	20	0.0	700	35.0	A-INF	0.0										100.00	
								A-INT	0.0											
								A-EFF	0.0											
04/22/08	System running on arrival and departure.																			
	19,478	22,444	60	19	0.0	750	37.5	A-INF	0.0										100.00	
								A-INT	0.0											
								A-EFF	0.0											
05/02/08	System running on arrival and departure.																			
	19,488	22,454	60	19	0.0	750	37.5	A-INF	0.0										100.00	
								A-INT	0.0											
								A-EFF	0.0											
05/06/08	System running on arrival and departure.																			
	19,555	22,521	60	19	0.0	750	37.5	A-INF	0.0	< 11	< 0.0016	0.13	< 0.84	< 971.34	0.007	< 37.201	< 0.000	< 8.603	100.00	0.0000
								A-INT	0.0	< 11	< 0.0016	0.21								
								A-EFF	0.0	< 11	< 0.0016	0.11								
05/17/08	System running on arrival and departure.																			
	19,796	22,762	60	17	0.0	750	37.5	A-INF	0.0										100.00	
								A-INT	0.0											
								A-EFF	0.0											
05/23/08	System running on arrival and departure.																			
	19,962	22,928	60	18	0.0	700	35.0	A-INF	0.0										100.00	

TABLE 3
OPERATION AND PERFORMANCE DATA FOR DUAL-PHASE EXTRACTION SYSTEM, VAPOR-PHASE
Former Exxon Service Station 70238
2200 East 12th Street
Oakland, California

Date	Field Measurements									Laboratory Analytical Results			TPHg Removal		MTBE Removal		Benzene Removal		Destruction	Benzene
	System Hours	Total Hours	Temp (deg F)	Vacuum ("Hg)	Pressure ("H_2O)	Flow (fpm)	Flow (scfm)	Sample ID	PID (ppmv)	TPHg (mg/M^3)	Benzene (mg/M^3)	MTBE (mg/M^3)	Period (lbs)	Cumulative (lbs)	Period (lbs)	Cumulative (lbs)	Period (lbs)	Cumulative (lbs)	Efficiency (%)	Emission (lbs/day)
								A-INT	0.0											
								A-EFF	0.0											
05/30/08	System down on arrival. Restart system.																			
	19,969	22,935	60	21	0.0	750	37.5	A-INF	0.0										100.00	
								A-INT	0.0											
								A-EFF	0.0											
06/03/08	System down on arrival. Restart system.																			
	20,053	23,019	60	21	0.0	700	35.0	A-INF	0.0										100.00	
								A-INT	0.0											
								A-EFF	0.0											
06/13/08	System down on arrival. Restart system.																			
	20,293	23,259	60	19	0.0	800	40.0	A-INF	0.0	< 11	0.0019	0.16	< 1.18	< 972.52	0.016	< 37,216	< 0.000	< 8,604	100.00	0.0000
								A-INT	0.0	< 11	< 0.0016	0.25c								
								A-EFF	0.0	< 11	0.0042	0.17								

Notes:

A-INF	=	Influent vapor sample.
A-EFF	=	Effluent vapor sample.
TPHg	=	Total petroleum hydrocarbons as gasoline analyzed using T0-3M; on and prior to 08/23/07, analyzed using EPA Method 8015B or 18M.
Benzene	=	Benzene analyzed using EPA Method T0-15M; on and prior to 8/23/07, analyzed using EPA Method 8015B or 18M.
MTBE	=	Methyl tertiary butyl ether analyzed using EPA Method T0-15M; on and prior to 8/23/07, analyzed using EPA Method 8015B or 18M.
Temp	=	Temperature of vapor stream.
deg F	=	Degrees Fahrenheit.
"Hg	=	Inches of mercury vacuum.
"H2O	=	Inches of water column.
PID	=	Photo-ionization detector measurement.
acfm	=	Actual cubic feet per minute.
scfm	=	Standard cubic feet per minute.
ppmv	=	Parts per million by volume.
fpm	=	Feet per minute.
mg/M^3	=	Milligrams per cubic meter.
lbs	=	Pounds.
lbs/day	=	Pounds per day.
<	=	Less than the stated laboratory reporting limit.
---	=	Not sampled/Not analyzed/Not measured/Not calculated/Not applicable.
a	=	Tedlar bag was received flat by the laboratory; analysis not performed.
b	=	Concentration exceeded calibration range of instrument.
c	=	Re-analysis for dilution performed past EPA recommended holding time.
d	=	Sample analyzed past EPA recommended holding time.

TABLE 4
OPERATION AND PERFORMANCE DATA FOR DUAL-PHASE EXTRACTION SYSTEM, LIQUID-PHASE
Former Exxon Service Station 70238
2200 East 12th Street
Oakland, California

Date	System Hours (hours)	Eff. Totalizer Reading (gal)	Average Flow rate (gpm)	Total Flow per period (gal)	Sample ID	Laboratory Analytical Results TPHg (µg/L)	TPHd (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)
01/15/04	1	0	0.00	0	W-INF	82	78	< 5.0	< 5.0	< 5.0	< 5.0	160	0.000	0.000	0.00000	0.0000	0.0000	0.000
					W-INT1	< 50	< 47	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50						
					W-INT2	< 50	53	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50						
					PSP-1	< 50	62	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50						
03/01/04	6	0	0.00	0	W-INF	4,100	580a	< 25	< 25	47	36	2,800	0.000	0.000	0.00000	0.0000	0.0000	0.000
					W-INT1	< 50	< 48	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5						
					W-INT2	< 50	< 48	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5						
					PSP-1	< 50	< 48	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5						
03/05/04	102	3,620	0.63	3,620														
03/08/04	174	11,610	1.85	7,990	W-INF	< 2,500	260a	< 25	< 25	< 25	30	2,100	< 0.320	< 0.320	< 0.00242	< 0.0024	0.2373	0.237
					W-INT1	< 50	< 48	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5						
					W-INT2	< 50	59a	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5						
					PSP-1	< 50	< 48	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5						
03/12/04	270	19,090	1.30	7,480														
03/19/04	438	31,960	1.28	12,870														
03/26/04	606	41,930	0.99	9,970														
04/02/04	774	49,260	0.73	7,330	W-INF	< 1,000	< 50	< 10	< 10	< 10	< 10	350	< 0.550	< 0.869	< 0.00550	< 0.0079	0.3848	0.622
					W-INT1	190	< 50	< 0.50	< 0.50	< 0.50	< 0.50	86						
					W-INT2	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5						
					PSP-1	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5						
04/08/04	918	57,700	0.98	8,440														
04/15/04	1,086	69,440	1.16	11,740														
04/22/04	1,254	79,000	0.95	9,560														
04/29/04	1,422	84,000	0.50	5,000														
05/06/04	1,590	89,250	0.52	5,250	W-INF	700	64a	< 5.0	< 5.0	< 5.0	< 5.0	430	< 0.284	< 1.153	< 0.00250	< 0.0104	0.1301	0.752
					W-INT1	160	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5						
					W-INT2	200	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5						
					PSP-1	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5						
05/13/04	1,758	94,700	0.54	5,450														
05/21/04	1,950	100,850	0.53	6,150														
05/27/04	2,092	105,330	0.52	4,480														
06/03/04	2,260	110,590	0.52	5,260	W-INF	270	75a	< 2.5	< 2.5	< 2.5	< 2.5	210	0.086	< 1.239	< 0.00067	< 0.0111	0.0570	0.809
					W-INT1	190	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5						
					W-INT2	230	< 50	< 0.50	1.3	< 0.50	< 0.50	< 2.5						
					PSP-1	160	< 49	< 0.50	0.76	< 0.50	< 0.50	< 2.5						
06/09/04	2,404	114,690	0.47	4,100														
06/24/04	2,764	115,140	0.02	450														
07/14/04	2,774	117,590	0.09	2,450														
07/22/04	2,966	121,930	0.38	4,340	W-INF	280	78a	< 2.5	4.9	< 2.5	2.5	110	0.026	< 1.265	< 0.00024	< 0.0113	0.0151	0.824
					W-INT1	< 50	< 48	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5						
					W-INT2	< 50	< 48	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5						
					PSP-1	< 50	< 49	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5						

TABLE 4
OPERATION AND PERFORMANCE DATA FOR DUAL-PHASE EXTRACTION SYSTEM, LIQUID-PHASE
Former Exxon Service Station 70238
2200 East 12th Street
Oakland, California

Date	System Hours (hours)	Eff. Totalizer Reading (gal)	Average Flow rate (gpm)	Total Flow per period (gal)	Sample ID	Laboratory Analytical Results TPHg (µg/L)	TPHd (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)
07/29/04	2,966	125,290	0.33	3,360														
08/05/04	2,976	125,330	0.17	3,400	W-INF	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	40	< 0.005	< 1.270	< 0.00004	< 0.0114	0.0021	0.826
					W-INT1	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5						
					W-INT2	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5						
					PSP-1	< 50	67a	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5						
08/20/04	2,976	125,380	0.00	50														
08/25/04	3,096	127,980	0.36	2,600														
09/09/04	3,456	135,110	0.33	7,130	W-INF	600	130a	< 5.0	< 5.0	< 5.0	< 5.0	210	< 0.027	< 1.297	< 0.00022	< 0.0116	0.0102	0.837
					W-INT1	< 50	< 48	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5						
					W-INT2	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5						
					PSP-1	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5						
09/16/04	---	145,830	1.06	10,720														
09/23/04	---	154,757	0.89	8,927														
09/30/04	---	162,020	0.72	7,263														
10/07/04	---	165,420	0.34	3,400	W-INF	< 100	270a	< 1.0	< 1.0	< 1.0	< 1.0	68	< 0.089	< 1.385	< 0.00076	< 0.0124	0.0352	0.872
					W-INT1	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5						
					W-INT2	< 50	60a	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5						
					PSP-1	< 50	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5						
10/14/04	---	165,440	0.00	20														
10/14/04	System shutdown for catalytic oxidizer evaluation.																	
01/27/05	System restarted and sampled. Stored in tank. Did not discharge. Awaiting sample results before commencing discharge.																	
	---	166,130	0.00	690														
01/27/05					W-INF	431	285a	5.10	36.5	6.0	45.2	145	< 0.002	< 1.387	< 0.00002	< 0.0124	0.0006	0.872
					W-INT1	< 50.0	< 50	< 0.50	< 0.5	< 0.5	< 0.5	< 0.5						
					W-INT2	< 50.0	147a	< 0.50	< 0.5	< 0.5	< 0.5	< 0.5						
					PSP-1	< 50.0	< 50	< 0.50	< 0.5	< 0.5	< 0.5	< 0.5						
02/03/05	Storage tank discharged.																	
	---	166,730	0.06	600														
02/04/05	1,593	166,760	0.02	30														
02/10/05	1,737	169,610	0.33	2,850	W-INF	96.8	164b	< 0.50	< 0.5	< 0.5	< 0.5	98.7	0.008	< 1.394	< 0.00008	< 0.0125	0.0035	0.876
					W-INT1	< 50.0	< 50	< 0.50	< 0.5	< 0.5	< 0.5	< 0.5						
					W-INT2	< 50.0	63b	< 0.50	< 0.5	< 0.5	< 0.5	< 0.5						
					PSP-1	< 50.0	91b	< 0.50	< 0.5	< 0.5	< 0.5	< 0.5						
02/17/05	System shut down for catalytic oxidizer adjustments.																	
02/17/05	1,905	172,890	0.33	3,280														
03/17/05	System restarted and sampled.																	
	1,920	174,000	0.03	1,110	W-INF	725	517a	< 0.50	< 0.5	< 0.5	< 0.5	22.7	0.015	< 1.409	< 0.00002	< 0.0125	0.0022	0.878
					W-INT1	607	< 50	0.60	< 0.5	0.7	< 0.5	< 0.5						
					W-INT2	< 50	< 50	< 0.50	< 0.5	< 0.5	< 0.5	< 0.5						
					PSP-1	61.2	< 50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.5						
03/24/05	2,088	190,570	0.00	16,570														
03/31/05	2,256	199,470	0.88	8,900														

TABLE 4
OPERATION AND PERFORMANCE DATA FOR DUAL-PHASE EXTRACTION SYSTEM, LIQUID-PHASE
Former Exxon Service Station 70238
2200 East 12th Street
Oakland, California

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

TABLE 4
OPERATION AND PERFORMANCE DATA FOR DUAL-PHASE EXTRACTION SYSTEM, LIQUID-PHASE
Former Exxon Service Station 70238
2200 East 12th Street
Oakland, California

Date	System Hours (hours)	Eff. Totalizer Reading (gal)	Average Flow rate (gpm)	Total Flow per period (gal)	Sample ID	Laboratory Analytical Results TPHg (µg/L)	TPHd (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)
11/04/05	4,735	337,120	0.75	7,570	W-INF	55.5	---	< 0.50	< 0.50	< 0.50	< 0.50	56.2	< 0.011	< 1.645	< 0.00010	< 0.0131	0.0104	1.0127
					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-PSP-1	< 50.0	---	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50						
11/11/05	4,905	348,240	1.10	11,120														
11/18/05	5,068	355,300	0.70	7,060														
11/21/05	5,110	357,390	0.48	2,090														
12/02/05	5,371	375,850	1.17	18,460														
12/09/05	System shut down for catalytic oxidizer maintenance.																	
12/09/05	5,540	384,590	0.87	8,740	W-INF	100	---	< 0.50	< 0.50	< 0.50	< 0.50	108	0.031	< 1.676	< 0.00020	< 0.0133	0.0325	1.0452
					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-PSP-1	< 50.0	---	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50						
01/27/06	Restart system for sampling. Discharge to holding tank. System shut down for departure.																	
01/27/06	5,540	385,760	0.02	1,170	W-INF	< 250	---	< 2.5	< 2.5	< 2.5	< 2.5	170	< 0.002	< 1.677	< 0.00001	< 0.0134	0.0014	1.0466
					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-PSP-1	< 25,000	---	< 250	< 250	< 250	< 250	32,000						
02/03/06	Restart system for sampling. Discharge to holding tank. System shut down for departure.																	
02/03/06	5,544	385,760	0.00	0	W-PSP-1	61	---	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5						
02/17/06	Restart system for sampling. Discharge to holding tank. System shut down for departure.																	
02/17/06	5,545	385,760	0.00	0	W-PSP-1	< 50	---	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5						
02/24/06	Restart system and process holding tank water. System shut down for departure.																	
02/24/06	5,548	386,700	0.09	940														
03/03/06	System shut down on arrival, restart system.																	
03/03/06	5,621	396,250	0.95	9,550	W-INF	< 250	---	< 2.5	< 2.5	< 2.5	< 2.5	150	< 0.022	< 1.699	< 0.00022	< 0.0136	0.0140	1.0606
					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-PSP-1	< 50	---	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5						
03/09/06	System running on arrival. System shut down pending permit renewal.																	
03/09/06	5,762	414,070	2.06	17,820														
07/11/06	Permit renewal complete, restart system for compliance sampling. System shut down on departure.																	
07/11/06	5,765	414,070	0.00	0	W-INF	63.6	---	< 0.50	< 0.50	< 0.50	< 0.50	47.6	< 0.023	< 1.723	< 0.00022	< 0.0138	0.0147	1.0753
					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-PSP-1	< 50.0	---	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50						
07/18/06	System down on arrival and running on departure.																	
07/18/06	5,767	414,900	0.08	830														
07/21/06	5,835	420,170	1.22	5,270														
07/28/06	6,000	429,180	0.89	9,010														

TABLE 4
OPERATION AND PERFORMANCE DATA FOR DUAL-PHASE EXTRACTION SYSTEM, LIQUID-PHASE
Former Exxon Service Station 70238
2200 East 12th Street
Oakland, California

Date	System Hours (hours)	Eff. Totalizer Reading (gal)	Average Flow rate (gpm)	Total Flow per period (gal)	Sample ID	Laboratory Analytical Results TPHg (µg/L)	TPHd (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)
08/04/06	System running on arrival and departure.																	
08/04/06	6,169	436,570	0.73	7,390	W-INF	< 50.0	---	< 1.00	< 1.00	< 1.00	< 1.00	9.84	< 0.011	< 1.733	< 0.00014	< 0.0139	0.0054	1.0807
					W-INT1	< 50.0	---	< 1.00	< 1.00	< 1.00	< 1.00	< 3.00						
					W-INT2	< 50.0	---	< 1.00	< 1.00	< 1.00	< 1.00	< 3.00						
					W-PSP-1	< 50.0	---	< 1.00	< 1.00	< 1.00	< 1.00	< 3.00						
08/11/06	6,338	442,910	0.63	6,340														
08/18/06	6,509	449,180	0.62	6,270														
08/25/06	6,672	454,650	0.54	5,470														
09/01/06	6,699	456,090	0.14	1,440														
09/08/06	System running on arrival and departure.																	
09/08/06	6,867	462,560	0.64	6,470	W-INF	< 50	---	< 0.50	< 0.50	< 0.50	< 0.50	9.1	< 0.011	< 1.744	< 0.00016	< 0.0141	0.0021	1.0827
					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-PSP-1	< 50	---	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5						
09/15/06	7,033	465,650	0.31	3,090														
09/22/06	7,201	467,300	0.16	1,650														
09/29/06	7,370	468,280	0.10	980														
10/06/06	System running on arrival and departure.																	
10/06/06	7,537	471,570	0.33	3,290	W-INF	< 50	---	< 0.50	< 0.50	< 0.50	< 0.50	17	< 0.004	< 1.748	< 0.00004	< 0.0141	0.0010	1.0837
					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-PSP-1	< 50	---	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5						
10/13/06	7,706	476,020	0.44	4,450														
10/20/06	7,873	479,710	0.37	3,690														
10/27/06	System down on arrival and running on departure.																	
10/27/06	7,897	480,400	0.07	690														
11/03/06	8,069	483,670	0.32	3,270														
11/10/06	System running on arrival and departure.																	
11/10/06	8,232	487,240	0.35	3,570	W-INF	< 50	---	< 0.50	< 0.50	< 0.50	< 0.50	12	< 0.007	< 1.754	< 0.00007	< 0.0142	0.0019	1.0856
					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-PSP-1	< 50	---	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5						
11/14/06	8,329	490,110	0.50	2,870														
11/20/06	8,475	496,070	0.69	5,960														
11/27/06	8,641	498,750	0.27	2,680														
12/06/06	System running on arrival and departure.																	
12/06/06	8,856	504,200	0.42	5,450	W-INF	< 50	---	< 0.50	< 0.50	< 0.50	< 0.50	18	< 0.007	< 1.762	< 0.00007	< 0.0143	0.0021	1.0877
					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-PSP-1	< 50	---	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5						
12/15/06	9,070	517,080	0.99	12,880														
12/21/06	9,216	531,450	1.66	14,370														
12/27/06	9,276	537,480	0.70	6,030														

TABLE 4
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Former Exxon Service Station 70238
2200 East 12th Street
Oakland, California

Date	System Hours (hours)	Eff. Totalizer Reading (gal)	Average Flow rate (gpm)	Total Flow per period (gal)	Sample ID	Laboratory Analytical Results TPHg (µg/L)	TPHd (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)
01/05/07	System running on arrival and departure.																	
	9,492	555,910	0.85	18,430	W-INF	< 50	---	< 0.50	< 0.50	< 0.50	< 0.50	36	< 0.022	< 1.783	< 0.00022	< 0.0145	0.0116	1.0994
					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-PSP-1	< 50	---	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5						
01/12/07	System running on arrival and departure.																	
	9,662	567,560	1.16	11,650														
01/19/07	System running on arrival and departure.																	
	9,832	577,310	0.97	9,750														
01/26/07	System running on arrival and departure.																	
	9,995	586,250	0.89	8,940														
02/02/07	System running on arrival and departure.																	
	10,162	593,320	0.70	7,070	W-INF	< 50	---	< 0.50	< 0.50	< 0.50	< 0.50	21	< 0.016	< 1.799	< 0.00016	< 0.0147	0.0089	1.1083
					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-PSP-1	< 50	---	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5						
02/09/07	System not running on arrival and running on departure.																	
	10,293	602,280	0.89	8,960														
02/16/07	System running on arrival and departure.																	
	10,462	617,990	1.56	15,710														
02/23/07	System running on arrival and departure.																	
	10,652	628,000	0.99	10,010														
03/03/07	System down on arrival and running on departure.																	
	10,788	632,340	0.38	4,340														
03/09/07	System running on arrival and departure.																	
	10,856	645,410	1.51	13,070	W-INF	< 50	---	< 0.50	< 0.50	< 0.50	< 0.50	18	< 0.022	< 1.820	< 0.00022	< 0.0149	0.0085	1.1167
					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-PSP-1	< 50	---	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5						
03/14/07	System running on arrival and departure.																	
	10,954	651,150	0.80	5,740														
03/22/07	System running on arrival and departure.																	
	11,170	661,480	0.90	10,330														
03/30/07	System running on arrival and departure.																	
	11,336	669,590	0.70	8,110														
04/03/07	System running on arrival and departure.																	
	11,458	676,720	1.24	7,130	W-INF	< 50	---	< 0.50	< 0.50	< 0.50	< 0.50	10	< 0.013	< 1.833	< 0.00013	< 0.0150	0.0037	1.1204
					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-PSP-1	< 50	---	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5						
04/10/07	System running on arrival and locked out/tagged out on departure for SVE system conversion to vapor-phase carbon treatment.																	
	11,625	684,640	0.79	7,920														

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04/20/07	Retrofit complete. system started for compliance samples and shut down on departure.																	
	11,626	684,850	0.33	8,130														
05/11/07	System down on arrival and running on departure.																	
	11,627	685,060	0.01	210														
05/17/07	System down on arrival and running on departure.																	
	11,714	692,270	0.25	15,550	W-INF	< 50	---	< 0.50	< 0.50	< 0.50	0.50	18	< 0.006	< 1.840	< 0.00006	< 0.0151	0.0018	1.1222
					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-PSP-1	< 50	---	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50						
05/24/07	System running on arrival and departure.																	
	11,884	703,330	1.10	11,060														
05/31/07	System down on arrival and running on departure.																	
	12,051	712,120	0.87	8,790														
06/08/07	System down on arrival and departure.																	
	12,118	715,450	0.29	3,330														
06/12/07	System down on arrival and running on departure.																	
	12,119	715,450	0.00	0	W-INF	< 50	---	< 0.50	< 0.50	< 0.50	< 0.50	7.7	< 0.010	< 1.850	< 0.00010	< 0.0152	0.0025	1.1247
					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-PSP-1	< 50	---	< 0.50	< 0.50	< 0.50	< 0.50	< 2.5						
06/21/07	System running on arrival and departure.																	
	12,559	721,290	0.45	5,840														
06/29/07	System down on arrival and departure.																	
	12,384	722,180	0.08	890														
07/05/07	System down on arrival and running on departure.																	
	12,384	722,180	0.00	0														
07/08/07	System down on arrival (H-H level in holding tank).																	
	12,449	725,090	0.67	2,910														
07/09/07	System down on arrival, restarted, and running on departure.																	
	12,455	725,400	0.22	310														
07/10/07	System down on arrival, restarted, and running on departure. New high-level float installed in holding tank.																	
	12,471	726,320	0.64	920														
07/11/07	System running on arrival and departure.																	
	12,488	727,370	0.73	1,050	W-INF	< 50.0	---	< 0.50	< 0.50	< 0.50	< 0.50	5.95	< 0.005	< 1.855	< 0.00005	< 0.0152	0.0007	1.1254
					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-PSP-1	< 50.0	---	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50						
07/17/07	System down on arrival, restarted, and running on departure.																	
	12,632	734,600	0.84	7,230														
07/18/07	System running on arrival and departure.																	
	12,655	735,560	0.67	960														
07/24/07	System running on arrival and departure.																	

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	12,745	741,920	0.74	6,360														
07/31/07	System running on arrival and departure.																	
	12,965	748,810	0.68	6,890														
08/09/07	System running on arrival and departure.																	
	13,166	756,700	0.61	7,890	W-INF	< 50.0	---	< 0.50	< 0.50	< 0.50	< 0.50	3.22	< 0.012	< 1.867	< 0.00012	< 0.0153	0.0011	1.1265
					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-PSP-1	< 50.0	---	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50						
08/17/07	System running on arrival and departure.																	
	13,287	760,940	0.37	4,240														
08/23/07	System running on arrival and departure.																	
	13,506	762,940	0.23	2,000														
08/30/07	System running on arrival and departure.																	
	13,671	764,370	0.14	1,430														
09/07/07	System running on arrival and departure.																	
	13,882	766,070	0.15	1,700														
09/14/07	System running on arrival and departure.																	
	14,030	767,530	0.14	1,460	W-INF	< 50	---	< 0.50	< 0.50	< 0.50	< 1.0	< 5.0	< 0.005	< 1.871	< 0.00005	< 0.0154	< 0.0004	< 1.1269
					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-PSP-1	< 50	---	< 0.50	< 0.50	< 0.50	< 1.0	< 5.0						
09/21/07	System running on arrival and departure.																	
	14,198	768,940	0.14	1,410														
09/28/07	System down on arrival, restarted, and running on departure.																	
	14,329	770,470	0.15	1,530														
10/02/07	System down on arrival, restarted, and running on departure.																	
	14,348	770,810	0.06	340														
10/12/07	System running on arrival and departure.																	
	14,587	780,580	0.68	9,770	W-INF	< 50	---	< 0.50	< 0.50	< 0.50	< 1.0	6.0	< 0.005	< 1.877	< 0.00005	< 0.0154	< 0.0006	< 1.1275
					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-PSP-1	< 50	---	< 0.50	< 0.50	< 0.50	< 1.0	< 5.0						
10/16/07	System running on arrival and departure.																	
	14,685	785,600	0.87	5,020														
10/21/07	System running on arrival and departure.																	
	14,828	792,850	1.01	7,250														
11/02/07	System running on arrival and departure.																	
	15,090	803,360	0.61	10,510														
11/09/07	System running on arrival and departure.																	
	15,240	809,680	0.63	6,320	W-INF	< 50	---	< 0.50	< 0.50	< 0.50	< 1.0	< 5.0	< 0.012	< 1.889	< 0.00012	< 0.0156	< 0.0013	< 1.1288
					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						

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					W-PSP-1	< 50	---	< 0.50	< 0.50	< 0.50	< 1.0	< 5.0						
11/16/07	System running on arrival and departure.																	
	15,428	817,960	0.82	8,280														
11/21/07	System running on arrival and departure.																	
	15,547	823,390	0.75	5,430														
11/30/07	System running on arrival and departure.																	
	15,765	831,910	0.66	8,520														
12/07/07	System running on arrival and departure.																	
	15,930	838,860	0.69	6,950	W-INF	< 50	---	< 0.50	< 0.50	< 0.50	< 1.0	5.3	< 0.012	< 1.901	< 0.00012	< 0.0157	< 0.0013	< 1.1301
					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-PSP-1	< 50	---	< 0.50	< 0.50	< 0.50	< 1.0	< 5.0						
12/14/07	System running on arrival and departure.																	
	16,102	847,170	0.82	8,310														
12/21/07	System running on arrival and departure.																	
	16,267	855,650	0.84	8,480														
12/27/07	System running on arrival and departure.																	
	16,413	862,720	0.82	7,070														
01/04/08	System running on arrival and departure.																	
	16,602	872,050	0.81	9,330														
01/07/08	System running on arrival and departure.																	
	16,679	876,490	1.03	4,440														
01/18/08	System running on arrival and departure.																	
	16,942	889,700	0.83	13,210	W-INF	< 50	---	< 0.50	< 0.50	< 0.50	< 1.0	< 5.0	< 0.021	< 1.922	< 0.00021	< 0.0159	< 0.0022	< 1.1322
					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-PSP-1	< 50	---	< 0.50	< 0.50	< 0.50	< 1.0	< 5.0						
01/25/08	System running on arrival and departure.																	
	17,110	897,600	0.78	7,900														
01/31/08	System running on arrival and departure.																	
	17,254	905,790	0.95	8,190														
02/08/08	System running on arrival and departure.																	
	17,449	916,440	0.92	10,650	W-INF	< 50	---	< 0.50	< 0.50	< 0.50	< 1.0	< 5.0	< 0.011	< 1.933	< 0.00011	< 0.0160	< 0.0011	< 1.1334
					W-INT1	< 50	---	1.6	2.0	< 0.50	< 1.0	< 5.0						
					W-INT2	< 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						
02/15/08	System running on arrival and departure.																	
	17,611	923,940	0.74	7,500														
02/22/08	System running on arrival and departure.																	
	17,785	931,840	0.78	7,900														
02/26/08	System running on arrival and departure.																	
	17,875	936,360	0.78	4,520														

TABLE 4
OPERATION AND PERFORMANCE DATA FOR DUAL-PHASE EXTRACTION SYSTEM, LIQUID-PHASE
Former Exxon Service Station 70238
2200 East 12th Street
Oakland, California

Date	System Hours (hours)	Eff. Totalizer Reading (gal)	Average Flow rate (gpm)	Total Flow per period (gal)	Sample ID	Laboratory Analytical Results TPHg (µg/L)	TPHd (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)
03/07/08	System running on arrival and departure.																	
	18,123	947,230	0.75	10,870														
03/14/08	System running on arrival and departure.																	
	18,294	953,600	0.63	6,370														
03/21/08	System running on arrival and departure.																	
	18,457	960,430	0.68	6,830														
03/28/08	System running on arrival and departure.																	
	18,622	966,450	0.60	6,020	W-INF	< 50	---	< 0.50	< 0.50	< 0.50	< 1.0	< 5.0	< 0.021	< 1.954	< 0.00021	< 0.0162	< 0.0021	< 1.1354
					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-PSP-1	< 50	---	< 0.50	< 0.50	< 0.50	< 1.0	< 5.0						
04/08/08	System running on arrival and departure.																	
	18,786	972,970	0.41	6,520														
04/11/08	System running on arrival and departure.																	
	18,994	979,010	1.40	6,040	W-INF	< 50	---	< 0.50	< 0.50	< 0.50	< 1.0	< 5.0	< 0.005	< 1.960	< 0.00005	< 0.0163	< 0.0005	< 1.1360
					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-PSP-1	< 50	---	< 0.50	< 0.50	< 0.50	< 1.0	< 5.0						
04/15/08	System running on arrival and departure.																	
	19,049	982,270	0.57	3,260														
04/22/08	System running on arrival and departure.																	
	19,478	987,620	0.53	5,350														
05/02/08	System running on arrival and departure.																	
	19,488	995,840	0.57	8,220														
05/06/08	System running on arrival and departure.																	
	19,555	998,560	0.47	2,720	W-INF	< 50	---	< 0.50	< 0.50	< 0.50	< 1.0	< 5.0	< 0.008	< 1.968	< 0.00008	< 0.0163	< 0.0008	< 1.1368
					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-PSP-1	< 50	---	< 0.50	< 0.50	< 0.50	< 1.0	< 5.0						
05/17/08	System running on arrival and departure.																	
	19,796	1,006,310	0.49	7,750														
05/23/08	System running on arrival and departure.																	
	19,962	1,011,010	0.54	4,700														
05/30/08	System down on arrival. Restart system.																	
	19,969	1,012,590	0.16	1,580														
06/03/08	System running on arrival and departure.																	
	20,053	1,013,810	0.21	1,220	W-INF	< 50	---	0.90	1.8	< 0.50	< 1.0	< 5.0	< 0.006	< 1.974	< 0.00009	< 0.0164	< 0.0006	< 1.1374
					W-INT1	< 50	---	< 0.50	0.68	< 0.50	< 1.0	< 5.0						
					W-INT2	< 50	---	< 0.50	0.94	< 0.50	< 1.0	< 5.0						
					W-PSP-1	< 50	---	< 0.50	< 0.50	< 0.50	< 1.0	< 5.0						

TABLE 4
OPERATION AND PERFORMANCE DATA FOR DUAL-PHASE EXTRACTION SYSTEM, LIQUID-PHASE
Former Exxon Service Station 70238
2200 East 12th Street
Oakland, California

Notes:

W-INF	=	Water influent combined.
W-INT1	=	Water intermediate after first carbon vessel.
W-INT2	=	Water intermediate after second carbon vessel.
PSP-1	=	Water effluent.
TPHg	=	Total petroleum hydrocarbons as gasoline analyzed using modified EPA Method 8015M/8015B or LUFT GCMS.
TPHd	=	Total petroleum hydrocarbons as diesel analyzed using modified EPA Method 8015M.
BTEX	=	Benzene, toluene, ethylbenzene, and total xylenes analyzed using EPA Method 8021B or 624.
MTBE	=	Methyl tertiary butyl ether analyzed using EPA Method 8021B or 624.
gal	=	Gallons.
gpm	=	Gallons per minute.
µg/L	=	Micrograms per liter.
lbs	=	Pounds.
---	=	Not sampled/Not analyzed/Not measured/Not calculated/Not applicable.
<	=	Less than the laboratory method reporting limit.
a	=	Diesel-range organic compounds reported in sample; however, chromatogram pattern is not representative of diesel fuel.
b	=	Diesel result was within the range diesel fuel. There was insufficient area for pattern match.
c	=	Sample mislabeled as W-EFF on the Chain of Custody and laboratory report.
d	=	Sample inadvertently misdated by laboratory. Correct sampling date is shown.

* If value is below laboratory reporting limit, then detection limit value is used for removal calculations.

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

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

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

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

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

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

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

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5 June, 2008

RECEIVED
JUN 06 2008
BY:

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

RE: Exxon 7-0238
Work Order: MRE0481

Enclosed are the results of analyses for samples received by the laboratory on 05/20/08 18:30. The samples arrived at a temperature of 1° C. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Lisa Race
Senior Project Manager

CA ELAP Certificate #1210

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Environmental Resolutions (Exxon)	Project: Exxon 7-0238	MRE0481
601 North McDowell Blvd.	Project Number: 7-0238	**Reported:**
Petaluma CA, 94954	Project Manager: Paula Sime	06/05/08 15:01

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
QCBB	MRE0481-01	Water	05/19/08 16:00	05/20/08 18:30
MW9A	MRE0481-02	Water	05/19/08 12:10	05/20/08 18:30
MW9B	MRE0481-03	Water	05/19/08 14:10	05/20/08 18:30
MW9C	MRE0481-04	Water	05/19/08 15:15	05/20/08 18:30
MW9D	MRE0481-05	Water	05/19/08 15:55	05/20/08 18:30
MW9I	MRE0481-06	Water	05/19/08 15:40	05/20/08 18:30

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Environmental Resolutions (Exxon)	Project: Exxon 7-0238	MRE0481
601 North McDowell Blvd.	Project Number: 7-0238	**Reported:**
Petaluma CA, 94954	Project Manager: Paula Sime	06/05/08 15:01

MW9A (MRE0481-02) Water Sampled: 05/19/08 12:10 Received: 05/20/08 18:30

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	8E23002	05/23/08	05/23/08	EPA 8015B/8021B	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*105 %*	*85-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*95 %*	*75-125*		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
tert-Amyl methyl ether	ND	0.50	ug/l	1	8F02001	06/02/08	06/02/08	EPA 8260B	
tert-Butyl alcohol	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	**43**	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*102 %*	*75-130*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*60-150*		"	"	"	"	
Surrogate: Toluene-d8		*97 %*	*75-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*92 %*	*55-130*		"	"	"	"	

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Environmental Resolutions (Exxon)	Project: Exxon 7-0238	MRE0481
601 North McDowell Blvd.	Project Number: 7-0238	**Reported:**
Petaluma CA, 94954	Project Manager: Paula Sime	06/05/08 15:01

MW9B (MRE0481-03) Water Sampled: 05/19/08 14:10 Received: 05/20/08 18:30

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Gasoline Range Organics (C4-C12)	**51**	50	ug/l	1	8E23002	05/23/08	05/23/08	EPA 8015B/8021B	QP
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*104 %*	*85-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*100 %*	*75-125*		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
tert-Amyl methyl ether	ND	0.50	ug/l	1	8F02001	06/02/08	06/02/08	EPA 8260B	
tert-Butyl alcohol	**23**	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	**73**	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*99 %*	*75-130*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*60-150*		"	"	"	"	
Surrogate: Toluene-d8		*98 %*	*75-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*91 %*	*55-130*		"	"	"	"	

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Environmental Resolutions (Exxon)	Project: Exxon 7-0238	MRE0481
601 North McDowell Blvd.	Project Number: 7-0238	**Reported:**
Petaluma CA, 94954	Project Manager: Paula Sime	06/05/08 15:01

MW9C (MRE0481-04) Water Sampled: 05/19/08 15:15 Received: 05/20/08 18:30

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Gasoline Range Organics (C4-C12)	**75**	50	ug/l	1	8E23002	05/23/08	05/23/08	EPA 8015B/8021B	QP
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*104 %*	*85-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*93 %*	*75-125*		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
tert-Amyl methyl ether	ND	0.50	ug/l	1	8F02001	06/02/08	06/02/08	EPA 8260B	
tert-Butyl alcohol	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	**110**	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*101 %*	*75-130*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*60-150*		"	"	"	"	
Surrogate: Toluene-d8		*98 %*	*75-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*90 %*	*55-130*		"	"	"	"	

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Environmental Resolutions (Exxon) 601 North McDowell Blvd. Petaluma CA, 94954	Project: Exxon 7-0238 Project Number: 7-0238 Project Manager: Paula Sime	MRE0481 **Reported:** 06/05/08 15:01

MW9D (MRE0481-05) Water Sampled: 05/19/08 15:55 Received: 05/20/08 18:30

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	8E23002	05/23/08	05/23/08	EPA 8015B/8021B	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*106 %*	*85-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*92 %*	*75-125*		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
tert-Amyl methyl ether	ND	0.50	ug/l	1	8F02001	06/02/08	06/02/08	EPA 8260B	
tert-Butyl alcohol	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	**9.2**	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*99 %*	*75-130*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*60-150*		"	"	"	"	
Surrogate: Toluene-d8		*97 %*	*75-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*91 %*	*55-130*		"	"	"	"	

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Environmental Resolutions (Exxon)	Project: Exxon 7-0238	MRE0481
601 North McDowell Blvd.	Project Number: 7-0238	**Reported:**
Petaluma CA, 94954	Project Manager: Paula Sime	06/05/08 15:01

MW9I (MRE0481-06) Water Sampled: 05/19/08 15:40 Received: 05/20/08 18:30

Purgeable Hydrocarbons and BTEX by EPA 8015B/8021B

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Gasoline Range Organics (C4-C12)	ND	50	ug/l	1	8E23002	05/23/08	05/23/08	EPA 8015B/8021B	
Benzene	ND	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	0.50	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*105 %*	*85-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*93 %*	*75-125*		"	"	"	"	

Volatile Organic Compounds by EPA Method 8260B

TestAmerica Morgan Hill

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
tert-Amyl methyl ether	ND	0.50	ug/l	1	8F02001	06/02/08	06/02/08	EPA 8260B	
tert-Butyl alcohol	ND	10	"	"	"	"	"	"	
Di-isopropyl ether	ND	0.50	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.50	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.50	"	"	"	"	"	"	
Ethanol	ND	100	"	"	"	"	"	"	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*101 %*	*75-130*		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*60-150*		"	"	"	"	
Surrogate: Toluene-d8		*97 %*	*75-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*92 %*	*55-130*		"	"	"	"	

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

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

Environmental Resolutions (Exxon)	Project: Exxon 7-0238	MRE0481
601 North McDowell Blvd.	Project Number: 7-0238	**Reported:**
Petaluma CA, 94954	Project Manager: Paula Sime	06/05/08 15:01

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

Analyte	Result	Evaluation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 8E23002 - EPA 5030B [P/T]										
Blank (8E23002-BLK1)				Prepared & Analyzed: 05/23/08						
Gasoline Range Organics (C4-C12)	ND	25	ug/l							
Benzene	ND	0.28	"							
Toluene	ND	0.25	"							
Ethylbenzene	ND	0.25	"							
Xylenes (total)	ND	0.37	"							
Surrogate: a,a,a-Trifluorotoluene	*42.0*		"	*40.0*		*105*	*85-120*			
Surrogate: 4-Bromofluorobenzene	*37.3*		"	*40.0*		*93*	*75-125*			
LCS (8E23002-BS1)				Prepared & Analyzed: 05/23/08						
Benzene	9.66	0.50	ug/l	10.0		97	70-130			
Toluene	9.96	0.50	"	10.0		100	70-130			
Ethylbenzene	9.76	0.50	"	10.0		98	70-130			
Xylenes (total)	29.7	0.50	"	30.0		99	70-130			
Surrogate: a,a,a-Trifluorotoluene	*41.8*		"	*40.0*		*105*	*85-120*			
LCS (8E23002-BS2)				Prepared & Analyzed: 05/23/08						
Gasoline Range Organics (C4-C12)	207	50	ug/l	250		83	70-130			
Surrogate: 4-Bromofluorobenzene	*39.8*		"	*40.0*		*99*	*75-125*			
LCS Dup (8E23002-BSD2)				Prepared & Analyzed: 05/23/08						
Gasoline Range Organics (C4-C12)	206	50	ug/l	250		83	70-130	0.5	25	
Surrogate: 4-Bromofluorobenzene	*39.6*		"	*40.0*		*99*	*75-125*			
Matrix Spike (8E23002-MS1)	**Source: MRE0498-02**			Prepared & Analyzed: 05/23/08						
Gasoline Range Organics (C4-C12)	96.2	50	ug/l	91.0	ND	106	70-130			
Benzene	9.87	0.50	"	10.0	ND	99	70-130			
Toluene	10.0	0.50	"	10.0	ND	100	70-130			
Ethylbenzene	9.99	0.50	"	10.0	ND	100	70-130			
Xylenes (total)	30.4	0.50	"	30.0	ND	101	70-130			
Surrogate: a,a,a-Trifluorotoluene	*41.7*		"	*40.0*		*104*	*85-120*			
Surrogate: 4-Bromofluorobenzene	*37.1*		"	*40.0*		*93*	*75-125*			

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Environmental Resolutions (Exxon)	Project: Exxon 7-0238	MRE0481
601 North McDowell Blvd.	Project Number: 7-0238	**Reported:**
Petaluma CA, 94954	Project Manager: Paula Sime	06/05/08 15:01

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

Analyte	Result	Evaluation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 8E23002 - EPA 5030B [P/T]										
Matrix Spike Dup (8E23002-MSD1)	**Source: MRE0498-02**			Prepared & Analyzed: 05/23/08						
Gasoline Range Organics (C4-C12)	93.5	50	ug/l	91.0	ND	103	70-130	3	25	
Benzene	9.63	0.50	"	10.0	ND	96	70-130	3	25	
Toluene	9.78	0.50	"	10.0	ND	98	70-130	2	25	
Ethylbenzene	9.77	0.50	"	10.0	ND	98	70-130	2	25	
Xylenes (total)	29.7	0.50	"	30.0	ND	99	70-130	2	25	
Surrogate: a,a,a-Trifluorotoluene	*41.8*		"	*40.0*		*105*	*85-120*			
Surrogate: 4-Bromofluorobenzene	*36.9*		"	*40.0*		*92*	*75-125*			

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Environmental Resolutions (Exxon)	Project: Exxon 7-0238	MRE0481
601 North McDowell Blvd.	Project Number: 7-0238	**Reported:**
Petaluma CA, 94954	Project Manager: Paula Sime	06/05/08 15:01

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

Analyte	Result	Evaluation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 8F02001 - EPA 5030B P/T										
Blank (8F02001-BLK1)				Prepared & Analyzed: 06/02/08						
tert-Amyl methyl ether	ND	0.25	ug/l							
tert-Butyl alcohol	ND	5	"							
Di-isopropyl ether	ND	0.25	"							
1,2-Dibromoethane (EDB)	ND	0.25	"							
1,2-Dichloroethane	ND	0.25	"							
Ethanol	ND	50	"							
Ethyl tert-butyl ether	ND	0.40	"							
Methyl tert-butyl ether	ND	0.25	"							
Surrogate: Dibromofluoromethane	*7.34*		"	*7.50*		*98*	*75-130*			
Surrogate: 1,2-Dichloroethane-d4	*7.37*		"	*7.50*		*98*	*60-150*			
Surrogate: Toluene-d8	*7.33*		"	*7.50*		*98*	*75-120*			
Surrogate: 4-Bromofluorobenzene	*6.81*		"	*7.50*		*91*	*55-130*			
LCS (8F02001-BS1)				Prepared & Analyzed: 06/02/08						
tert-Amyl methyl ether	10.5	0.50	ug/l	10.0		105	70-130			
tert-Butyl alcohol	211	10	"	200		106	70-130			
Di-isopropyl ether	11.8	0.50	"	10.0		118	70-130			
1,2-Dibromoethane (EDB)	10.1	0.50	"	10.0		101	70-130			
1,2-Dichloroethane	9.51	0.50	"	10.0		95	70-130			
Ethanol	209	100	"	200		104	70-130			
Ethyl tert-butyl ether	11.2	0.50	"	10.0		112	70-130			
Methyl tert-butyl ether	10.3	0.50	"	10.0		103	70-130			
Surrogate: Dibromofluoromethane	*7.33*		"	*7.50*		*98*	*75-130*			
Surrogate: 1,2-Dichloroethane-d4	*6.86*		"	*7.50*		*91*	*60-150*			
Surrogate: Toluene-d8	*7.60*		"	*7.50*		*101*	*75-120*			
Surrogate: 4-Bromofluorobenzene	*7.35*		"	*7.50*		*98*	*55-130*			
Matrix Spike (8F02001-MS1)	**Source: MRE0643-01**			Prepared & Analyzed: 06/02/08						
tert-Amyl methyl ether	11.1	0.50	ug/l	10.0	ND	111	70-130			
tert-Butyl alcohol	210	10	"	200	ND	105	70-130			
Di-isopropyl ether	12.3	0.50	"	10.0	ND	123	70-130			
1,2-Dibromoethane (EDB)	10.8	0.50	"	10.0	ND	108	70-130			

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Environmental Resolutions (Exxon)	Project: Exxon 7-0238	MRE0481
601 North McDowell Blvd.	Project Number: 7-0238	**Reported:**
Petaluma CA, 94954	Project Manager: Paula Sime	06/05/08 15:01

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

Analyte	Result	Evaluation Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 8F02001 - EPA 5030B P/T										
Matrix Spike (8F02001-MS1)	**Source: MRE0643-01**			Prepared & Analyzed: 06/02/08						
1,2-Dichloroethane	10.3	0.50	ug/l	10.0	ND	103	70-130			
Ethanol	209	100	"	200	ND	105	70-130			
Ethyl tert-butyl ether	11.9	0.50	"	10.0	ND	119	70-130			
Methyl tert-butyl ether	11.1	0.50	"	10.0	ND	111	70-130			
Surrogate: Dibromofluoromethane	*7.62*		"	*7.50*		*102*	*75-130*			
Surrogate: 1,2-Dichloroethane-d4	*7.51*		"	*7.50*		*100*	*60-150*			
Surrogate: Toluene-d8	*7.62*		"	*7.50*		*102*	*75-120*			
Surrogate: 4-Bromofluorobenzene	*7.39*		"	*7.50*		*99*	*55-130*			
Matrix Spike Dup (8F02001-MSD1)	**Source: MRE0643-01**			Prepared & Analyzed: 06/02/08						
tert-Amyl methyl ether	11.9	0.50	ug/l	10.0	ND	119	70-130	7	25	
tert-Butyl alcohol	210	10	"	200	ND	105	70-130	0.1	25	
Di-isopropyl ether	12.8	0.50	"	10.0	ND	128	70-130	4	25	
1,2-Dibromoethane (EDB)	11.3	0.50	"	10.0	ND	113	70-130	5	25	
1,2-Dichloroethane	10.7	0.50	"	10.0	ND	107	70-130	4	25	
Ethanol	227	100	"	200	ND	113	70-130	8	25	
Ethyl tert-butyl ether	12.7	0.50	"	10.0	ND	127	70-130	6	25	
Methyl tert-butyl ether	11.8	0.50	"	10.0	ND	118	70-130	6	25	
Surrogate: Dibromofluoromethane	*7.75*		"	*7.50*		*103*	*75-130*			
Surrogate: 1,2-Dichloroethane-d4	*7.57*		"	*7.50*		*101*	*60-150*			
Surrogate: Toluene-d8	*7.72*		"	*7.50*		*103*	*75-120*			
Surrogate: 4-Bromofluorobenzene	*7.53*		"	*7.50*		*100*	*55-130*			

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Environmental Resolutions (Exxon)	Project: Exxon 7-0238	MRE0481
601 North McDowell Blvd.	Project Number: 7-0238	**Reported:**
Petaluma CA, 94954	Project Manager: Paula Sime	06/05/08 15:01

Notes and Definitions

QP	Hydrocarbon result partly due to individual peak(s) in quantitation range.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

MW

CHAIN OF CUSTODY RECORD

TestAmerica INCORPORATED
408-776-9600
Morgan Hill Division
885 Jarvis Drive
Morgan Hill, CA 95037

ExxonMobil

Consultant Name: Environmental Resolutions, Inc.
Address: 601 N. McDowell Blvd
City/State/Zip: Petaluma, California 94954
Project Manager: Paula Sime
Telephone Number: (707) 766-2000
ERI Job Number: 229313X
Sampler Name: (Print) Harry Shaw
Sampler Signature: Harry Shaw

ExxonMobil Engineer: Jennifer Sedlachek
Telephone Number: (510) 547-8196
Account #: 10228
PO #: 4509401871
Facility ID #: 70238
Global ID#: T0600101343
Site Address: 2200 East 12th Street
City, State Zip: Oakland, California

☐ Lab Courier ☐ Hand Deliver ☑ Commercial Express ☐ Other:

TAT
☐ 24 hour ☐ 72 hour
☐ 48 hour ☐ 96 hour
☑ 8 day

PROVIDE:
EDF Report

Special Instructions:
7 CA Oxys = MTBE, ETBE, TAME, DIPE, TBA, 1,2-DCA, EDB.
" TBA detection limit < 12 ug/L" MRE0481

	Sample ID / Description	DATE	TIME	COMP	GRAB	PRESERV	NUMBER	Matrix: Water	Soil	Vapor	Analyze For: TPHg 8015B	BTEX 8021B	MTBE 8260B	7 CA Oxys 8260B	Ethanol 8260B
01	QCBB	5.19.08	1600			HCl	2 VOAs	X			H	O	L	D	
02	MW9A		1210			HCl	6 VOAs	X			X	X	X	X	X
03	MW9B		1410			HCl	6 VOAs	X			X	X	X	X	
04	MW9C		1515			HCl	6 VOAs	X			X	X	X	X	
05	MW9D		1555			HCl	6 VOAs	X			X	X	X	X	
	~~MW9F~~					HCl	6 VOAs	X			X	X	X	X	
	~~MW9G~~					HCl	6 VOAs	X			X	X	X	X	
	~~MW9H~~					HCl	6 VOAs	X			X	X	X	X	
06	MW9I		1540			HCl	6 VOAs	X			X	X	X	X	X

Relinquished by: Harry Shaw Date 5/19/08 Time 1900 Received by: (TAMH) 5/20/08 Time 1450

Relinquished by: Date 5/20/08 Time 1830 Received by TestAmerica TAMH 5/20/08 Time 1830

Laboratory Comments:
Temperature Upon Receipt: 1.0°C
Sample Containers Intact? Y
VOAs Free of Headspace? Y

TEST AMERICA SAMPLE RECEIPT LOG

CLIENT NAME: ERI
REC. BY (PRINT): AM
WORKORDER: MRE0481

DATE REC'D AT LAB: 5/20/08
TIME REC'D AT LAB: 1830
DATE LOGGED IN: 5/21/08

For Regulatory Purposes?
___ DRINKING WATER
___ WASTE WATER
_X_ OTHER

CIRCLE THE APPROPRIATE RESPONSE		LAB SAMPLE #	CLIENT ID	CONTAINER DESCRIPTION	PRESERVATIVE	pH**	SAMPLE MATRIX	DATE SAMPLED	REMARKS: CONDITION (ETC.)
1. Custody Seal(s)	Present / (Absent) Intact / Broken*								
2. Chain-of-Custody	(Present) / Absent*								
3. Traffic Reports or Packing List:	Present / (Absent)								
4. Airbill:	Airbill / Sticker Present / (Absent)								
5. Airbill #:	———								
6. Sample Labels:	(Present) / Absent								
7. Sample IDs:	(Listed) / Not Listed on Chain-of-Custody								
8. Sample Condition:	(Intact) / Broken* / Leaking*								
9. **Does information on chain-of-custody, traffic reports and sample labels agree?**	(Yes) / No*								
10. Sample received within hold time:	(Yes) / No*				AM 05/20/08				
11. Adequate sample volume received	(Yes) / No*								
12. Proper preservatives used	(Yes) / No*								
13. (Trip Blank) / Temp Blank Received? (circle which if yes)	(Yes) / No								
14 Read Temp:	2.0°C								
Correction Factor :	-1.0°C								
Corrected Temp:	1.0°C								
Is corrected temp 0-6°C?	(Yes) / No**								
**Exception (if any): Metals / Perchlorate / DFF on Ice or Problem COC									

*IF CIRCLED, CONTACT PROJECT MANAGER AND ATTACH RECORD OF RESOLUTION
**CHECK SAMPLE PREP LOG IF NOT INDICATED

Calscience
Environmental
Laboratories, Inc.

April 15, 2008

RECEIVED
APR 18 2008
BY:----------

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

Subject: **Calscience Work Order No.: 08-04-1177**
Client Reference: ExxonMobil 70238

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 4/12/2008 and analyzed in accordance with the attached chain-of-custody.

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

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

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

Sincerely,

Cecile L deGuia

Calscience Environmental
Laboratories, Inc.
Cecile deGuia
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received: 04/12/08
Work Order No: 08-04-1177
Preparation: N/A
Method: EPA TO-3M

Project: ExxonMobil 70238

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
A-EFF	**08-04-1177-1-A**	**04/11/08 08:00**	**Air**	**GC 13**	**N/A**	**04/12/08 11:02**	**080412L01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	3.0	1		ppm (v/v)

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
A-INT	**08-04-1177-2-A**	**04/11/08 08:15**	**Air**	**GC 13**	**N/A**	**04/12/08 11:52**	**080412L01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	3.0	1		ppm (v/v)

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
A-INF	**08-04-1177-3-A**	**04/11/08 08:30**	**Air**	**GC 13**	**N/A**	**04/12/08 12:01**	**080412L01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	3.0	1		ppm (v/v)

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**098-01-005-1,263**	**N/A**	**Air**	**GC 13**	**N/A**	**04/12/08 07:41**	**080412L01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	3.0	1		ppm (v/v)

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: 04/12/08
Work Order No: 08-04-1177
Preparation: N/A
Method: EPA TO-15M
Units: ppm (v/v)

Project: ExxonMobil 70238

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
A-EFF	**08-04-1177-1-A**	**04/11/08 08:00**	**Air**	**GC/MS II**	**N/A**	**04/12/08 21:26**	**080412L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.00050	1		Xylenes (total)	ND	0.0010	1	
Toluene	0.00052	0.00050	1		Methyl-t-Butyl Ether (MTBE)	0.044	0.0020	1	
Ethylbenzene	ND	0.00050	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	86	57-129			1,2-Dichloroethane-d4	77	47-137		
Toluene-d8	89	78-156							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
A-INT	**08-04-1177-2-A**	**04/11/08 08:15**	**Air**	**GC/MS II**	**N/A**	**04/12/08 22:13**	**080412L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.00050	1		Xylenes (total)	ND	0.0010	1	
Toluene	0.00071	0.00050	1		Methyl-t-Butyl Ether (MTBE)	0.033	0.0020	1	
Ethylbenzene	ND	0.00050	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	97	57-129			1,2-Dichloroethane-d4	73	47-137		
Toluene-d8	88	78-156							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
A-INF	**08-04-1177-3-A**	**04/11/08 08:30**	**Air**	**GC/MS II**	**N/A**	**04/12/08 23:00**	**080412L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.00050	1		Xylenes (total)	0.0034	0.0010	1	
Toluene	0.0018	0.00050	1		Methyl-t-Butyl Ether (MTBE)	0.016	0.0020	1	
Ethylbenzene	ND	0.00050	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	98	57-129			1,2-Dichloroethane-d4	74	47-137		
Toluene-d8	99	78-156							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**097-09-002-7,028**	**N/A**	**Air**	**GC/MS II**	**N/A**	**04/12/08 10:18**	**080412L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.00050	1		Xylenes (total)	ND	0.0010	1	
Toluene	ND	0.00050	1		Methyl-t-Butyl Ether (MTBE)	ND	0.0020	1	
Ethylbenzene	ND	0.00050	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	92	57-129			1,2-Dichloroethane-d4	89	47-137		
Toluene-d8	118	78-156							

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Environmental Resolutions, Inc.		Date Received:	04/12/08
601 North McDowell Blvd.		Work Order No:	08-04-1177
Petaluma, CA 94954-2312		Preparation:	N/A
		Method:	EPA TO-3M

Project: ExxonMobil 70238

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
A-EFF	**08-04-1177-1-A**	**04/11/08 08:00**	**Air**	**GC 13**	**N/A**	**04/12/08 11:02**	**080412L01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	11	1		mg/m3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
A-INT	**08-04-1177-2-A**	**04/11/08 08:15**	**Air**	**GC 13**	**N/A**	**04/12/08 11:52**	**080412L01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	11	1		mg/m3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
A-INF	**08-04-1177-3-A**	**04/11/08 08:30**	**Air**	**GC 13**	**N/A**	**04/12/08 12:01**	**080412L01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	11	1		mg/m3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**098-01-005-1,263**	**N/A**	**Air**	**GC 13**	**N/A**	**04/12/08 07:41**	**080412L01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	11	1		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: 04/12/08
Work Order No: 08-04-1177
Preparation: N/A
Method: EPA TO-15M
Units: mg/m3

Project: ExxonMobil 70238

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
A-EFF	**08-04-1177-1-A**	**04/11/08 08:00**	**Air**	**GC/MS II**	**N/A**	**04/12/08 21:26**	**080412L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0016	1		Xylenes (total)	ND	0.0043	1	
Toluene	0.0020	0.0019	1		Methyl-t-Butyl Ether (MTBE)	0.16	0.0072	1	
Ethylbenzene	ND	0.0022	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	86	57-129			1,2-Dichloroethane-d4	77	47-137		
Toluene-d8	89	78-156							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
A-INT	**08-04-1177-2-A**	**04/11/08 08:15**	**Air**	**GC/MS II**	**N/A**	**04/12/08 22:13**	**080412L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0016	1		Xylenes (total)	ND	0.0043	1	
Toluene	0.0027	0.0019	1		Methyl-t-Butyl Ether (MTBE)	0.12	0.0072	1	
Ethylbenzene	ND	0.0022	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	97	57-129			1,2-Dichloroethane-d4	73	47-137		
Toluene-d8	88	78-156							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
A-INF	**08-04-1177-3-A**	**04/11/08 08:30**	**Air**	**GC/MS II**	**N/A**	**04/12/08 23:00**	**080412L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0016	1		Xylenes (total)	0.015	0.0043	1	
Toluene	0.0067	0.0019	1		Methyl-t-Butyl Ether (MTBE)	0.058	0.0072	1	
Ethylbenzene	ND	0.0022	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	98	57-129			1,2-Dichloroethane-d4	74	47-137		
Toluene-d8	99	78-156							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**097-09-002-7,028**	**N/A**	**Air**	**GC/MS II**	**N/A**	**04/12/08 10:18**	**080412L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0016	1		Xylenes (total)	ND	0.0043	1	
Toluene	ND	0.0019	1		Methyl-t-Butyl Ether (MTBE)	ND	0.0072	1	
Ethylbenzene	ND	0.0022	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	92	57-129			1,2-Dichloroethane-d4	89	47-137		
Toluene-d8	118	78-156							

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

Calscience Environmental Laboratories, Inc.

Quality Control - Duplicate

Environmental Resolutions, Inc.	Date Received:	04/12/08
601 North McDowell Blvd.	Work Order No:	08-04-1177
Petaluma, CA 94954-2312	Preparation:	N/A
	Method:	EPA TO-3M

Project: ExxonMobil 70238

Quality Control Sample ID	Matrix	Instrument	Date Prepared:	Date Analyzed:	Duplicate Batch Number
08-04-1178-4	Air	GC 13	N/A	04/12/08	080412D01

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 - Duplicate

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

Date Received: 04/12/08
Work Order No: 08-04-1177
Preparation: N/A
Method: EPA TO-3M

Project: ExxonMobil 70238

Quality Control Sample ID	Matrix	Instrument	Date Prepared:	Date Analyzed:	Duplicate Batch Number
08-04-1178-4	Air	GC 13	N/A	04/12/08	080412D01

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.
601 North McDowell Blvd.
Petaluma, CA 94954-2312

Date Received: N/A
Work Order No: 08-04-1177
Preparation: N/A
Method: EPA TO-15M

Project: ExxonMobil 70238

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
097-09-002-7,028	Air	GC/MS II	N/A	04/12/08	080412L01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	116	115	60-156	1	0-40	
Toluene	117	110	56-146	5	0-43	
Ethylbenzene	143	135	52-154	6	0-38	
p/m-Xylene	134	126	42-156	6	0-41	
o-Xylene	136	129	52-148	5	0-38	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 08-04-1177

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 associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
I	Compound did not meet method-described identification guidelines. Identification was based on additional GC/MS characteristics.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

CHAIN OF CUSTODY RECORD

1177

Calscience Environmental Laboratories, Inc.
7440 LINCOLN WAY
GARDEN GROVE, CA 92841
TEL: (714) 895-5494
FAX: (714) 894-7501

ExxonMobil

Consultant Name: Environmental Resolutions, Inc.
Address: 601 North McDowell Blvd.
City/State/Zip: Petaluma, California 94954
Project Manager Paula Sime
Telephone Number: (707) 766-2000
ERI Job Number: 2293 11X (monthly)
Sampler Name: (Print) J Heenan
Sampler Signature: J Heenan

ExxonMobil Engineer Jennifer C. Sedlachek
Telephone Number (510) 547-8196
Account #:
PO #: 4508879005
Facility ID # 7-0238
Global ID# T0600101343
Site Address 2200 East 12th Street
City, State Zip Oakland, California

TAT
☐ 24 hour ☐ 72 hour
☐ 48 hour ☐ 96 hour
☑ 8 day

PROVIDE:
EDF Report

Special Instructions:

Sample ID / Description	DATE	TIME	COMP	GRAB	PRESERV	NUMBER	Matrix: Water	Soil	Vapor	Analyze For: TPHg/BTEX/MTBE TO-3M + TO-15
A-EFF	4/11	800		X	NA	1L Tedlar			X	X
A-INT		815		X	NA	1L Tedlar			X	X
A-INF		830		X	NA	1L Tedlar			X	X

Relinquished by: J Heenan Date 4/11/08 Time 1400 Received by: Tom O'Malley CEL 4/11/08 Time 1405

Relinquished by: Tom O'Malley TO 650 Date 4/11/08 Time 1730 Received by Calscience: [illegible] CEL Time 4/12/08 1000

#509336343

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

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 08 - 04 - 1177

Cooler 0 of 0 (Box)

SAMPLE RECEIPT FORM

CLIENT: ERI DATE: 4/12/08

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

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

LABORATORY (Other than Calscience Courier):

_____ °C Temperature blank.
_____ °C IR thermometer.
✓ Ambient temperature. (Tedlar)

Initial: HN

CUSTODY SEAL INTACT:

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

Initial: HN

SAMPLE CONDITION:

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

Initial: HN

COMMENTS:

Calscience
Environmental
Laboratories, Inc.

May 20, 2008

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

Subject: **Calscience Work Order No.: 08-05-0564**
Client Reference: ExxonMobil 70238

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 5/7/2008 and analyzed in accordance with the attached chain-of-custody.

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

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

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

Sincerely,

Cecile L deGuia

Calscience Environmental
Laboratories, Inc.
Cecile deGuia
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received: 05/07/08
Work Order No: 08-05-0564
Preparation: N/A
Method: EPA TO-3M

Project: ExxonMobil 70238

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
A-EFF	**08-05-0564-5-A**	**05/06/08 11:45**	**Air**	**GC 13**	**N/A**	**05/07/08 10:44**	**080507L01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	3.0	1		ppm (v/v)

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
A-INT	**08-05-0564-6-A**	**05/06/08 12:00**	**Air**	**GC 13**	**N/A**	**05/07/08 11:22**	**080507L01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	3.0	1		ppm (v/v)

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
A-INF	**08-05-0564-7-A**	**05/06/08 12:15**	**Air**	**GC 13**	**N/A**	**05/07/08 11:32**	**080507L01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	3.0	1		ppm (v/v)

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**098-01-005-1,291**	**N/A**	**Air**	**GC 13**	**N/A**	**05/07/08 08:33**	**080507L01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	3.0	1		ppm (v/v)

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: 05/07/08
Work Order No: 08-05-0564
Preparation: N/A
Method: EPA TO-15M
Units: ppm (v/v)

Project: ExxonMobil 70238

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
A-EFF	**08-05-0564-5-A**	**05/06/08 11:45**	**Air**	**GC/MS DD**	**N/A**	**05/07/08 21:18**	**080507L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.00050	1		Xylenes (total)	0.0031	0.0010	1	
Toluene	0.0022	0.00050	1		Methyl-t-Butyl Ether (MTBE)	0.030	0.0020	1	
Ethylbenzene	0.00053	0.00050	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	105	57-129			1,2-Dichloroethane-d4	90	47-137		
Toluene-d8	100	78-156							

A-INT	08-05-0564-6-A	05/06/08 12:00	Air	GC/MS DD	N/A	05/07/08 22:03	080507L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.00050	1		Xylenes (total)	ND	0.0010	1	
Toluene	0.0013	0.00050	1		Methyl-t-Butyl Ether (MTBE)	0.059	0.0080	4	
Ethylbenzene	ND	0.00050	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	104	57-129			1,2-Dichloroethane-d4	91	47-137		
Toluene-d8	99	78-156							

A-INF	08-05-0564-7-A	05/06/08 12:15	Air	GC/MS DD	N/A	05/07/08 22:49	080507L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.00050	1		Xylenes (total)	ND	0.0010	1	
Toluene	0.0011	0.00050	1		Methyl-t-Butyl Ether (MTBE)	0.036	0.0020	1	
Ethylbenzene	ND	0.00050	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	105	57-129			1,2-Dichloroethane-d4	92	47-137		
Toluene-d8	100	78-156							

Method Blank	097-09-002-7,114	N/A	Air	GC/MS DD	N/A	05/07/08 11:14	080507L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.00050	1		Xylenes (total)	ND	0.0010	1	
Toluene	ND	0.00050	1		Methyl-t-Butyl Ether (MTBE)	ND	0.0020	1	
Ethylbenzene	ND	0.00050	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	104	57-129			1,2-Dichloroethane-d4	91	47-137		
Toluene-d8	97	78-156							

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Environmental Resolutions, Inc.		Date Received:	05/07/08
601 North McDowell Blvd.		Work Order No:	08-05-0564
Petaluma, CA 94954-2312		Preparation:	N/A
		Method:	EPA TO-15M
		Units:	ppm (v/v)
Project: ExxonMobil 70238			Page 2 of 2

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**097-09-002-7,115**	**N/A**	**Air**	**GC/MS DD**	**N/A**	**05/08/08 12:19**	**080508L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.00050	1		Xylenes (total)	ND	0.0010	1	
Toluene	ND	0.00050	1		Methyl-t-Butyl Ether (MTBE)	ND	0.0020	1	
Ethylbenzene	ND	0.00050	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	108	57-129			1,2-Dichloroethane-d4	99	47-137		
Toluene-d8	97	78-156							

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: 05/07/08
Work Order No: 08-05-0564
Preparation: N/A
Method: EPA TO-3M

Project: ExxonMobil 70238

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
A-EFF	**08-05-0564-5-A**	**05/06/08 11:45**	**Air**	**GC 13**	**N/A**	**05/07/08 10:44**	**080507L01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	11	1		mg/m3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
A-INT	**08-05-0564-6-A**	**05/06/08 12:00**	**Air**	**GC 13**	**N/A**	**05/07/08 11:22**	**080507L01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	11	1		mg/m3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
A-INF	**08-05-0564-7-A**	**05/06/08 12:15**	**Air**	**GC 13**	**N/A**	**05/07/08 11:32**	**080507L01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	11	1		mg/m3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**098-01-005-1,291**	**N/A**	**Air**	**GC 13**	**N/A**	**05/07/08 08:33**	**080507L01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	11	1		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: 05/07/08
Work Order No: 08-05-0564
Preparation: N/A
Method: EPA TO-15M
Units: mg/m3

Project: ExxonMobil 70238

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
A-EFF	**08-05-0564-5-A**	**05/06/08 11:45**	**Air**	**GC/MS DD**	**N/A**	**05/07/08 21:18**	**080507L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0016	1		Xylenes (total)	0.013	0.0043	1	
Toluene	0.0081	0.0019	1		Methyl-t-Butyl Ether (MTBE)	0.11	0.0072	1	
Ethylbenzene	0.0023	0.0022	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	105	57-129			1,2-Dichloroethane-d4	90	47-137		
Toluene-d8	100	78-156							

A-INT	08-05-0564-6-A	05/06/08 12:00	Air	GC/MS DD	N/A	05/07/08 22:03	080507L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0016	1		Xylenes (total)	ND	0.0043	1	
Toluene	0.0048	0.0019	1		Methyl-t-Butyl Ether (MTBE)	0.21	0.029	4	
Ethylbenzene	ND	0.0022	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	104	57-129			1,2-Dichloroethane-d4	91	47-137		
Toluene-d8	99	78-156							

A-INF	08-05-0564-7-A	05/06/08 12:15	Air	GC/MS DD	N/A	05/07/08 22:49	080507L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0016	1		Xylenes (total)	ND	0.0043	1	
Toluene	0.0043	0.0019	1		Methyl-t-Butyl Ether (MTBE)	0.13	0.0072	1	
Ethylbenzene	ND	0.0022	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	105	57-129			1,2-Dichloroethane-d4	92	47-137		
Toluene-d8	100	78-156							

Method Blank	097-09-002-7,114	N/A	Air	GC/MS DD	N/A	05/07/08 11:14	080507L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0016	1		Xylenes (total)	ND	0.0043	1	
Toluene	ND	0.0019	1		Methyl-t-Butyl Ether (MTBE)	ND	0.0072	1	
Ethylbenzene	ND	0.0022	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	104	57-129			1,2-Dichloroethane-d4	91	47-137		
Toluene-d8	97	78-156							

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Environmental Resolutions, Inc.	Date Received:	05/07/08
601 North McDowell Blvd.	Work Order No:	08-05-0564
Petaluma, CA 94954-2312	Preparation:	N/A
	Method:	EPA TO-15M
	Units:	mg/m3

Project: ExxonMobil 70238

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**097-09-002-7,115**	**N/A**	**Air**	**GC/MS DD**	**N/A**	**05/08/08 12:19**	**080508L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0016	1		Xylenes (total)	ND	0.0043	1	
Toluene	ND	0.0019	1		Methyl-t-Butyl Ether (MTBE)	ND	0.0072	1	
Ethylbenzene	ND	0.0022	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	108	57-129		1,2-Dichloroethane-d4	99	47-137	
Toluene-d8	97	78-156					

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: 05/07/08
Work Order No: 08-05-0564
Preparation: EPA 5030B
Method: EPA 8015B (M)

Project: ExxonMobil 70238

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-PSP-1	**08-05-0564-1-E**	**05/06/08 12:30**	**Aqueous**	**GC 1**	**05/07/08**	**05/07/08 15:40**	**080507B01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	50	1		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-INT-2	**08-05-0564-2-E**	**05/06/08 12:45**	**Aqueous**	**GC 1**	**05/07/08**	**05/07/08 16:12**	**080507B01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	50	1		ug/L
Surrogates:	REC (%)	Control Limits		Qual	
1,4-Bromofluorobenzene	85	38-134			

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-INT-1	**08-05-0564-3-E**	**05/06/08 13:00**	**Aqueous**	**GC 1**	**05/07/08**	**05/07/08 14:05**	**080507B01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	50	1		ug/L
Surrogates:	REC (%)	Control Limits		Qual	
1,4-Bromofluorobenzene	87	38-134			

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-INF	**08-05-0564-4-E**	**05/06/08 13:15**	**Aqueous**	**GC 1**	**05/07/08**	**05/07/08 16:44**	**080507B01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	50	1		ug/L
Surrogates:	REC (%)	Control Limits		Qual	
1,4-Bromofluorobenzene	87	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: 05/07/08
Work Order No: 08-05-0564
Preparation: EPA 5030B
Method: EPA 8015B (M)

Project: ExxonMobil 70238

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-436-1,858**	**N/A**	**Aqueous**	**GC 1**	**05/07/08**	**05/07/08 10:39**	**080507B01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	50	1		ug/L
Surrogates:	**REC (%)**	**Control Limits**		**Qual**	
1,4-Bromofluorobenzene	85	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: 05/07/08
Work Order No: 08-05-0564
Preparation: EPA 5030B
Method: EPA 8021B
Units: ug/L

Project: ExxonMobil 70238

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-PSP-1	**08-05-0564-1-D**	**05/06/08 12:30**	**Aqueous**	**GC 8**	**05/09/08**	**05/09/08 14:47**	**080509B01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Xylenes (total)	ND	1.0	1	
Toluene	ND	0.50	1		Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	
Ethylbenzene	ND	0.50	1						

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	95	70-130	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-INT-2	**08-05-0564-2-D**	**05/06/08 12:45**	**Aqueous**	**GC 8**	**05/09/08**	**05/09/08 16:11**	**080509B01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Xylenes (total)	ND	1.0	1	
Toluene	ND	0.50	1		Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	
Ethylbenzene	ND	0.50	1						

Surrogates:	REC (%)	Control 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-INT-1	**08-05-0564-3-D**	**05/06/08 13:00**	**Aqueous**	**GC 8**	**05/09/08**	**05/09/08 16:44**	**080509B01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Xylenes (total)	ND	1.0	1	
Toluene	ND	0.50	1		Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	
Ethylbenzene	ND	0.50	1						

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	88	70-130	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-INF	**08-05-0564-4-D**	**05/06/08 13:15**	**Aqueous**	**GC 8**	**05/09/08**	**05/09/08 17:17**	**080509B01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Xylenes (total)	ND	1.0	1	
Toluene	ND	0.50	1		Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	
Ethylbenzene	ND	0.50	1						

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	99	70-130	

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Environmental Resolutions, Inc.	Date Received:	05/07/08
601 North McDowell Blvd.	Work Order No:	08-05-0564
Petaluma, CA 94954-2312	Preparation:	EPA 5030B
	Method:	EPA 8021B
	Units:	ug/L

Project: ExxonMobil 70238

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-667-133**	**N/A**	**Aqueous**	**GC 8**	**05/09/08**	**05/09/08 11:29**	**080509B01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Xylenes (total)	ND	1.0	1	
Toluene	ND	0.50	1		Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	
Ethylbenzene	ND	0.50	1						

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	98	70-130	

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

Calscience Environmental Laboratories, Inc.

Quality Control - Duplicate

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

Date Received: 05/07/08
Work Order No: 08-05-0564
Preparation: N/A
Method: EPA TO-3M

Project: ExxonMobil 70238

Quality Control Sample ID	Matrix	Instrument	Date Prepared:	Date Analyzed:	Duplicate Batch Number
08-05-0563-2	Air	GC 13	N/A	05/07/08	080507D01

Parameter	Sample Conc	DUP Conc	RPD	RPD CL	Qualifiers
TPH as Gasoline	30	30	1	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Duplicate

Environmental Resolutions, Inc.		Date Received:	05/07/08
601 North McDowell Blvd.		Work Order No:	08-05-0564
Petaluma, CA 94954-2312		Preparation:	N/A
		Method:	EPA TO-3M

Project: ExxonMobil 70238

Quality Control Sample ID	Matrix	Instrument	Date Prepared:	Date Analyzed:	Duplicate Batch Number
08-05-0563-2	**Air**	**GC 13**	**N/A**	**05/07/08**	**080507D01**

Parameter	Sample Conc	DUP Conc	RPD	RPD CL	Qualifiers
TPH as Gasoline	120	120	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: 05/07/08
Work Order No: 08-05-0564
Preparation: EPA 5030B
Method: EPA 8015B (M)

Project ExxonMobil 70238

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
W-INT-1	**Aqueous**	**GC 1**	**05/07/08**	**05/07/08**	**080507S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	95	93	68-122	2	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: 05/07/08
Work Order No: 08-05-0564
Preparation: EPA 5030B
Method: EPA 8021B

Project ExxonMobil 70238

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
W-PSP-1	**Aqueous**	**GC 8**	**05/09/08**	**05/09/08**	**080509S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	96	100	57-129	5	0-23	
Toluene	96	99	50-134	3	0-26	
Ethylbenzene	95	97	58-130	2	0-26	
p/m-Xylene	102	103	58-130	1	0-28	
o-Xylene	96	98	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.	Date Received: N/A
601 North McDowell Blvd.	Work Order No: 08-05-0564
Petaluma, CA 94954-2312	Preparation: N/A
	Method: EPA TO-15M

Project: ExxonMobil 70238

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
097-09-002-7,114	**Air**	**GC/MS DD**	**N/A**	**05/07/08**	**080507L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	91	90	60-156	1	0-40	
Toluene	90	89	56-146	1	0-43	
Ethylbenzene	92	91	52-154	1	0-38	
p/m-Xylene	88	87	42-156	1	0-41	
o-Xylene	89	89	52-148	0	0-38	

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: 08-05-0564
Petaluma, CA 94954-2312	Preparation: N/A
	Method: EPA TO-15M

Project: ExxonMobil 70238

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
097-09-002-7,115	**Air**	**GC/MS DD**	**N/A**	**05/08/08**	**080508L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	102	96	60-156	6	0-40	
Toluene	101	96	56-146	5	0-43	
Ethylbenzene	106	100	52-154	5	0-38	
p/m-Xylene	103	98	42-156	6	0-41	
o-Xylene	105	100	52-148	6	0-38	

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:	08-05-0564
Petaluma, CA 94954-2312		Preparation:	EPA 5030B
		Method:	EPA 8015B (M)

Project: ExxonMobil 70238

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-436-1,858	Aqueous	GC 1	05/07/08	05/07/08	080507B01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	94	95	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:	08-05-0564
Petaluma, CA 94954-2312	Preparation:	EPA 5030B
	Method:	EPA 8021B

Project: ExxonMobil 70238

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-667-133	**Aqueous**	**GC 8**	**05/09/08**	**05/09/08**	**080509B01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	102	96	70-118	6	0-9	
Toluene	98	96	66-114	2	0-9	
Ethylbenzene	99	97	72-114	2	0-9	
p/m-Xylene	106	105	74-116	1	0-9	
o-Xylene	100	99	72-114	2	0-9	
Methyl-t-Butyl Ether (MTBE)	102	100	41-137	3	0-13	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 08-05-0564

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 associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
I	Compound did not meet method-described identification guidelines. Identification was based on additional GC/MS characteristics.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

CHAIN OF CUSTODY RECORD

Calscience Environmental Laboratories, Inc.
7440 LINCOLN WAY
GARDEN GROVE, CA 92841
TEL: (714) 895-5494
FAX: (714) 894-7501

ExxonMobil

Consultant Name: Environmental Resolutions, Inc.
Address: 601 North McDowell Blvd.
City/State/Zip: Petaluma, California 94954
Project Manager Paula Sime
Telephone Number: (707) 766-2000
ERI Job Number: 2293 11X (May)
Sampler Name: (Print) J Herrmann
Sampler Signature: J Herrmann

0564

ExxonMobil Engineer Jennifer C. Sedlachek
Telephone Number (510) 547-8196
Account #: 10228
PO #: 4508879005
Facility ID # 7-0238
Global ID# T0600101343
Site Address 2200 East 12th Street
City, State Zip Oakland, California

TAT
☐ 24 hour ☐ 72 hour
☐ 48 hour ☐ 96 hour
☑ 8 day

PROVIDE:
EDF Report

Special Instructions:

	Sample ID / Description	DATE	TIME	COMP	GRAB	PRESERV	NUMBER	Matrix: Water	Soil	Vapor	Analyze For: TPHg 8015B	BTEX 8021B	MTBE 8020		TO 3M 4TO14						
1	W-PSP-1	5/6/08	1230		X	HCL	5VOA	X			X	X	X								
2	W-INT-2		1245		X	HCL	5VOA	X			X	X	X								
3	W-INT-1		1300		X	HCL	5VOA	X			X	X	X								
4	W-INF		1315		X	HCL	5VOA	X			X	X	X								
5	A - EFF	5/6/08	1145		X	none	1 1L			X					X						
6	A - INT		1200		X	none	1 1L			X					X						
7	A - INF		1215		X	none	1 1L			X					X						

Relinquished by: J Herrmann Date 5/6/08 Time 1430 Received by: Tom O'Malley CEL 5/6/08 Time 1430

Relinquished by: Tom O'Malley TO GSO Date 5/6/08 Time 1730 Received by Calscience: 5/7/08 Time 0830

SO#510821

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

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 08 - 05 - 0569

Cooler 1 of 2

SAMPLE RECEIPT FORM

CLIENT: ERI DATE: 5/7/08

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

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

LABORATORY (Other than Calscience Courier):

3.4 °C Temperature blank.
_____ °C IR thermometer.
_____ Ambient temperature.

Initial: JP

CUSTODY SEAL INTACT:

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

Initial: JP

SAMPLE CONDITION:

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

Initial: JP

COMMENTS:

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 08 - 05-0564

Cooler 0 of 0

SAMPLE RECEIPT FORM

CLIENT: ERI **DATE:** 5/7/08

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

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

LABORATORY (Other than Calscience Courier):

_____ °C Temperature blank.
_____ °C IR thermometer.
✓ Ambient temperature.

Initial: JP

CUSTODY SEAL INTACT:

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

Initial: JP

SAMPLE CONDITION:

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

Initial: JP

COMMENTS:

Calscience
Environmental
Laboratories, Inc.

June 19, 2008

RECEIVED
JUN 23 2008
BY:----------

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

Subject: **Calscience Work Order No.: 08-06-1435**
Client Reference: ExxonMobil 70238

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 6/14/2008 and analyzed in accordance with the attached chain-of-custody.

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

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

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

Sincerely,

Cecile L deGuia

Calscience Environmental
Laboratories, Inc.
Cecile deGuia
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received: 06/14/08
Work Order No: 08-06-1435
Preparation: N/A
Method: EPA TO-3M

Project: ExxonMobil 70238

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
A-EFF	**08-06-1435-1-A**	**06/13/08 09:00**	**Air**	**GC 13**	**N/A**	**06/14/08 16:38**	**080614L02**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	3.0	1		ppm (v/v)

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
A-INT	**08-06-1435-2-A**	**06/13/08 09:15**	**Air**	**GC 13**	**N/A**	**06/14/08 17:19**	**080614L02**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	3.0	1		ppm (v/v)

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
A-INF	**08-06-1435-3-A**	**06/13/08 09:30**	**Air**	**GC 13**	**N/A**	**06/14/08 17:41**	**080614L02**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	3.0	1		ppm (v/v)

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**098-01-005-1,348**	**N/A**	**Air**	**GC 13**	**N/A**	**06/14/08 15:52**	**080614L02**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	3.0	1		ppm (v/v)

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: 06/14/08
Work Order No: 08-06-1435
Preparation: N/A
Method: EPA TO-15M
Units: ppm (v/v)

Project: ExxonMobil 70238

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
A-EFF	**08-06-1435-1-A**	**06/13/08 09:00**	**Air**	**GC/MS AA**	**N/A**	**06/16/08 15:47**	**080616L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	0.0013	0.00050	1		Xylenes (total)	0.0045	0.0010	1	
Toluene	0.0030	0.00050	1		Methyl-t-Butyl Ether (MTBE)	0.046	0.0020	1	
Ethylbenzene	0.00079	0.00050	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	102	57-129		1,2-Dichloroethane-d4	102	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
A-INT	**08-06-1435-2-A**	**06/13/08 09:15**	**Air**	**GC/MS AA**	**N/A**	**06/16/08 16:35**	**080616L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.00050	1		Xylenes (total)	0.0055	0.0010	1	
Toluene	0.0034	0.00050	1		Methyl-t-Butyl Ether (MTBE)	0.077	0.0020	1	E
Ethylbenzene	0.0010	0.00050	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	102	57-129		1,2-Dichloroethane-d4	103	47-137	
Toluene-d8	101	78-156					

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
A-INT	**08-06-1435-2-A**	**06/13/08 09:15**	**Air**	**GC/MS AA**	**N/A**	**06/17/08 22:18**	**080617L01**

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

Parameter	Result	RL	DF	Qual
Methyl-t-Butyl Ether (MTBE)	0.069	0.0050	2.5	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	102	57-129		1,2-Dichloroethane-d4	100	47-137	
Toluene-d8	100	78-156					

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
A-INF	**08-06-1435-3-A**	**06/13/08 09:30**	**Air**	**GC/MS AA**	**N/A**	**06/16/08 17:24**	**080616L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	0.00058	0.00050	1		Xylenes (total)	0.0075	0.0010	1	
Toluene	0.0050	0.00050	1		Methyl-t-Butyl Ether (MTBE)	0.045	0.0020	1	
Ethylbenzene	0.0014	0.00050	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	102	57-129		1,2-Dichloroethane-d4	101	47-137	
Toluene-d8	102	78-156					

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: 06/14/08
Work Order No: 08-06-1435
Preparation: N/A
Method: EPA TO-15M
Units: ppm (v/v)

Project: ExxonMobil 70238

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**097-09-002-7,268**	**N/A**	**Air**	**GC/MS AA**	**N/A**	**06/16/08 14:57**	**080616L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.00050	1		Xylenes (total)	ND	0.0010	1	
Toluene	ND	0.00050	1		Methyl-t-Butyl Ether (MTBE)	ND	0.0020	1	
Ethylbenzene	ND	0.00050	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	100	57-129			1,2-Dichloroethane-d4	102	47-137		
Toluene-d8	101	78-156							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**097-09-002-7,275**	**N/A**	**Air**	**GC/MS AA**	**N/A**	**06/17/08 15:09**	**080617L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.00050	1		Xylenes (total)	ND	0.0010	1	
Toluene	ND	0.00050	1		Methyl-t-Butyl Ether (MTBE)	ND	0.0020	1	
Ethylbenzene	ND	0.00050	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	101	57-129			1,2-Dichloroethane-d4	105	47-137		
Toluene-d8	99	78-156							

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: 06/14/08
Work Order No: 08-06-1435
Preparation: N/A
Method: EPA TO-3M

Project: ExxonMobil 70238

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
A-EFF	**08-06-1435-1-A**	**06/13/08 09:00**	**Air**	**GC 13**	**N/A**	**06/14/08 16:38**	**080614L02**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	11	1		mg/m3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
A-INT	**08-06-1435-2-A**	**06/13/08 09:15**	**Air**	**GC 13**	**N/A**	**06/14/08 17:19**	**080614L02**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	11	1		mg/m3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
A-INF	**08-06-1435-3-A**	**06/13/08 09:30**	**Air**	**GC 13**	**N/A**	**06/14/08 17:41**	**080614L02**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	11	1		mg/m3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**098-01-005-1,348**	**N/A**	**Air**	**GC 13**	**N/A**	**06/14/08 15:52**	**080614L02**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	11	1		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: 06/14/08
Work Order No: 08-06-1435
Preparation: N/A
Method: EPA TO-15M
Units: mg/m3

Project: ExxonMobil 70238

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
A-EFF	**08-06-1435-1-A**	**06/13/08 09:00**	**Air**	**GC/MS AA**	**N/A**	**06/16/08 15:47**	**080616L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	0.0042	0.0016	1		Xylenes (total)	0.020	0.0043	1	
Toluene	0.011	0.0019	1		Methyl-t-Butyl Ether (MTBE)	0.17	0.0072	1	
Ethylbenzene	0.0034	0.0022	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	102	57-129		1,2-Dichloroethane-d4	102	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
A-INT	**08-06-1435-2-A**	**06/13/08 09:15**	**Air**	**GC/MS AA**	**N/A**	**06/16/08 16:35**	**080616L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0016	1		Xylenes (total)	0.024	0.0043	1	
Toluene	0.013	0.0019	1		Methyl-t-Butyl Ether (MTBE)	0.28	0.0072	1	E
Ethylbenzene	0.0045	0.0022	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	102	57-129		1,2-Dichloroethane-d4	103	47-137	
Toluene-d8	101	78-156					

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
A-INT	**08-06-1435-2-A**	**06/13/08 09:15**	**Air**	**GC/MS AA**	**N/A**	**06/17/08 22:18**	**080617L01**

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

Parameter	Result	RL	DF	Qual
Methyl-t-Butyl Ether (MTBE)	0.25	0.018	2.5	

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	102	57-129		1,2-Dichloroethane-d4	100	47-137	
Toluene-d8	100	78-156					

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
A-INF	**08-06-1435-3-A**	**06/13/08 09:30**	**Air**	**GC/MS AA**	**N/A**	**06/16/08 17:24**	**080616L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	0.0019	0.0016	1		Xylenes (total)	0.033	0.0043	1	
Toluene	0.019	0.0019	1		Methyl-t-Butyl Ether (MTBE)	0.16	0.0072	1	
Ethylbenzene	0.0061	0.0022	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	102	57-129		1,2-Dichloroethane-d4	101	47-137	
Toluene-d8	102	78-156					

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Environmental Resolutions, Inc.	Date Received: 06/14/08
601 North McDowell Blvd.	Work Order No: 08-06-1435
Petaluma, CA 94954-2312	Preparation: N/A
	Method: EPA TO-15M
	Units: mg/m3

Project: ExxonMobil 70238

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**097-09-002-7,268**	**N/A**	**Air**	**GC/MS AA**	**N/A**	**06/16/08 14:57**	**080616L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0016	1		Xylenes (total)	ND	0.0043	1	
Toluene	ND	0.0019	1		Methyl-t-Butyl Ether (MTBE)	ND	0.0072	1	
Ethylbenzene	ND	0.0022	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	100	57-129			1,2-Dichloroethane-d4	102	47-137		
Toluene-d8	101	78-156							

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**097-09-002-7,275**	**N/A**	**Air**	**GC/MS AA**	**N/A**	**06/17/08 15:09**	**080617L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.0016	1		Xylenes (total)	ND	0.0043	1	
Toluene	ND	0.0019	1		Methyl-t-Butyl Ether (MTBE)	ND	0.0072	1	
Ethylbenzene	ND	0.0022	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,4-Bromofluorobenzene	101	57-129			1,2-Dichloroethane-d4	105	47-137		
Toluene-d8	99	78-156							

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

Calscience Environmental Laboratories, Inc.

Quality Control - Duplicate

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

Date Received: 06/14/08
Work Order No: 08-06-1435
Preparation: N/A
Method: EPA TO-3M

Project: ExxonMobil 70238

Quality Control Sample ID	Matrix	Instrument	Date Prepared:	Date Analyzed:	Duplicate Batch Number
08-06-1454-3	Air	GC 13	N/A	06/14/08	080614D02

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 - Duplicate

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

Date Received: 06/14/08
Work Order No: 08-06-1435
Preparation: N/A
Method: EPA TO-3M

Project: ExxonMobil 70238

Quality Control Sample ID	Matrix	Instrument	Date Prepared:	Date Analyzed:	Duplicate Batch Number
08-06-1454-3	Air	GC 13	N/A	06/14/08	080614D02

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.
601 North McDowell Blvd.
Petaluma, CA 94954-2312

Date Received: N/A
Work Order No: 08-06-1435
Preparation: N/A
Method: EPA TO-15M

Project: ExxonMobil 70238

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
097-09-002-7,268	Air	GC/MS AA	N/A	06/16/08	080616L01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	109	107	60-156	2	0-40	
Toluene	106	109	56-146	2	0-43	
Ethylbenzene	112	116	52-154	4	0-38	
p/m-Xylene	107	110	42-156	3	0-41	
o-Xylene	114	117	52-148	2	0-38	

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: 08-06-1435
Preparation: N/A
Method: EPA TO-15M

Project: ExxonMobil 70238

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
097-09-002-7,275	Air	GC/MS AA	N/A	06/17/08	080617L01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	113	115	60-156	2	0-40	
Toluene	110	116	56-146	6	0-43	
Ethylbenzene	116	123	52-154	6	0-38	
p/m-Xylene	112	118	42-156	5	0-41	
o-Xylene	119	125	52-148	5	0-38	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 08-06-1435

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 associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
I	Compound did not meet method-described identification guidelines. Identification was based on additional GC/MS characteristics.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

CHAIN OF CUSTODY RECORD

Calscience Environmental Laboratories, Inc.
7440 LINCOLN WAY
GARDEN GROVE, CA 92841
TEL: (714) 895-5494
FAX: (714) 894-7501

ExxonMobil

Consultant Name: Environmental Resolutions, Inc.
Address: 601 North McDowell Blvd.
City/State/Zip: Petaluma, California 94954
Project Manager Paula Sime
Telephone Number: (707) 766-2000
ERI Job Number: 2293 11X (monthly)
Sampler Name: (Print) J Herrman
Sampler Signature: J Herrmann

1435

ExxonMobil Engineer Jennifer C. Sedlachek
Telephone Number (510) 547-8196
Account #:
PO #: 4508879005
Facility ID # 7-0238
Global ID# T0600101343
Site Address 2200 East 12th Street
City, State Zip Oakland, California

TAT
☐ 24 hour ☐ 72 hour
☐ 48 hour ☐ 96 hour
☑ 8 day

PROVIDE:
EDF Report

Special Instructions:

Sample ID / Description	DATE	TIME	COMP	GRAB	PRESERV	NUMBER	Matrix: Water	Soil	Vapor	Analyze For: TPHg/BTEX/MTBE TO-3M + TO-15
A-EFF	6/13/08	900		X	NA	1L Tedlar			X	X
A-INT		905		X	NA	1L Tedlar			X	X
A-INF		930		X	NA	1L Tedlar			X	X

Relinquished by: J Herrmann Date 6/13/08 Time
Received by: Tom O'Malley CEL 6/13/08 Time 1400

Relinquished by: Tom O'Malley 70 650 Date 6/13/08 Time 1730
Received by Calscience: [illegible] Time 6/14/08 10:00

5097775 38

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

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 08 - 06 - 1435

Cooler 0 of 0

SAMPLE RECEIPT FORM

CLIENT: EKI **DATE:** 6-14-08

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

_____ Chilled, cooler with temperature blank provided.
_____ Chilled, cooler without temperature blank.
_____ Chilled and placed in cooler with wet ice.
_____ Ambient and placed in cooler with wet ice.
_____ Ambient temperature (For Air & Filter only).

___.___ °C Temperature blank.

LABORATORY (Other than Calscience Courier):

___.___ °C Temperature blank.
___.___ °C IR thermometer.
✓ Ambient temperature (For Air & Filter only).

Initial: WB

CUSTODY SEAL INTACT:

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

Initial: WB

SAMPLE CONDITION:

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

Initial: WB

COMMENTS:

Calscience
Environmental
Laboratories, Inc.

April 22, 2008

RECEIVED
APR 2 5 2008
BY:----------

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

Subject: **Calscience Work Order No.: 08-04-1199**
Client Reference: ExxonMobil 70238

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 4/11/2008 and analyzed in accordance with the attached chain-of-custody.

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

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

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

Sincerely,

Cecile L deGuia

Calscience Environmental
Laboratories, Inc.
Cecile deGuia
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received: 04/11/08
Work Order No: 08-04-1199
Preparation: EPA 5030B
Method: EPA 8015B (M)

Project: ExxonMobil 70238

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-PSP-1	**08-04-1199-1-A**	**04/11/08 08:45**	**Aqueous**	**GC 5**	**04/16/08**	**04/16/08 13:40**	**080416B01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	50	1		ug/L
Surrogates:	REC (%)	Control Limits		Qual	
1,4-Bromofluorobenzene	98	38-134			

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-INT 2	**08-04-1199-2-A**	**04/11/08 09:00**	**Aqueous**	**GC 5**	**04/16/08**	**04/16/08 15:23**	**080416B01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	50	1		ug/L
Surrogates:	REC (%)	Control Limits		Qual	
1,4-Bromofluorobenzene	93	38-134			

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-INT 1	**08-04-1199-3-A**	**04/11/08 09:15**	**Aqueous**	**GC 5**	**04/16/08**	**04/16/08 15:58**	**080416B01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	50	1		ug/L
Surrogates:	REC (%)	Control Limits		Qual	
1,4-Bromofluorobenzene	94	38-134			

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-INF	**08-04-1199-4-A**	**04/11/08 09:30**	**Aqueous**	**GC 5**	**04/16/08**	**04/16/08 16:32**	**080416B01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	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: 04/11/08
601 North McDowell Blvd.	Work Order No: 08-04-1199
Petaluma, CA 94954-2312	Preparation: EPA 5030B
	Method: EPA 8015B (M)

Project: ExxonMobil 70238

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-436-1,771**	**N/A**	**Aqueous**	**GC 5**	**04/16/08**	**04/16/08 10:49**	**080416B01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	50	1		ug/L
Surrogates:	**REC (%)**	**Control Limits**		**Qual**	
1,4-Bromofluorobenzene	95	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: 04/11/08
Work Order No: 08-04-1199
Preparation: EPA 5030B
Method: EPA 8021B
Units: ug/L

Project: ExxonMobil 70238

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-PSP-1	**08-04-1199-1-A**	**04/11/08 08:45**	**Aqueous**	**GC 8**	**04/16/08**	**04/16/08 14:26**	**080416B01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Xylenes (total)	ND	1.0	1	
Toluene	ND	0.50	1		Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	
Ethylbenzene	ND	0.50	1						

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	103	70-130	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-INT 2	**08-04-1199-2-A**	**04/11/08 09:00**	**Aqueous**	**GC 8**	**04/16/08**	**04/16/08 15:01**	**080416B01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Xylenes (total)	ND	1.0	1	
Toluene	ND	0.50	1		Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	
Ethylbenzene	ND	0.50	1						

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	99	70-130	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-INT 1	**08-04-1199-3-A**	**04/11/08 09:15**	**Aqueous**	**GC 8**	**04/16/08**	**04/16/08 15:35**	**080416B01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Xylenes (total)	ND	1.0	1	
Toluene	ND	0.50	1		Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	
Ethylbenzene	ND	0.50	1						

Surrogates:	REC (%)	Control 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-INF	**08-04-1199-4-A**	**04/11/08 09:30**	**Aqueous**	**GC 8**	**04/16/08**	**04/16/08 16:10**	**080416B01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Xylenes (total)	ND	1.0	1	
Toluene	ND	0.50	1		Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	
Ethylbenzene	ND	0.50	1						

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	98	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: 04/11/08
Work Order No: 08-04-1199
Preparation: EPA 5030B
Method: EPA 8021B
Units: ug/L

Project: ExxonMobil 70238

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-667-119**	**N/A**	**Aqueous**	**GC 8**	**04/16/08**	**04/16/08 12:41**	**080416B01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Xylenes (total)	ND	1.0	1	
Toluene	ND	0.50	1		Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	
Ethylbenzene	ND	0.50	1						

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	108	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: 04/11/08
Work Order No: 08-04-1199
Preparation: EPA 5030B
Method: EPA 8015B (M)

Project ExxonMobil 70238

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
W-PSP-1	Aqueous	GC 5	04/16/08	04/16/08	080416S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	97	93	68-122	4	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: 04/11/08
Work Order No: 08-04-1199
Preparation: EPA 5030B
Method: EPA 8021B

Project ExxonMobil 70238

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
W-PSP-1	Aqueous	GC 8	04/16/08	04/16/08	080416S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	103	97	57-129	6	0-23	
Toluene	97	95	50-134	2	0-26	
Ethylbenzene	105	99	58-130	6	0-26	
p/m-Xylene	103	97	58-130	6	0-28	
o-Xylene	100	94	57-123	6	0-26	
Methyl-t-Butyl Ether (MTBE)	105	99	44-134	5	0-27	

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: 08-04-1199
Petaluma, CA 94954-2312	Preparation: EPA 5030B
	Method: EPA 8015B (M)

Project: ExxonMobil 70238

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-436-1,771	Aqueous	GC 5	04/16/08	04/16/08	080416B01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	108	112	78-120	4	0-10	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Laboratory Control Sample

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

Date Received: N/A
Work Order No: 08-04-1199
Preparation: EPA 5030B
Method: EPA 8021B

Project: ExxonMobil 70238

Quality Control Sample ID	Matrix	Instrument	Date Analyzed	Lab File ID	LCS Batch Number
099-12-667-119	Aqueous	GC 8	04/16/08	008F0301	080416B01

Parameter	Conc Added	Conc Recovered	LCS %Rec	%Rec CL	Qualifiers
Benzene	100	102	102	70-118	
Toluene	100	99.0	99	66-114	
Ethylbenzene	100	106	106	72-114	
p/m-Xylene	200	208	104	74-116	
o-Xylene	100	100	100	72-114	
Methyl-t-Butyl Ether (MTBE)	100	103	103	41-137	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 08-04-1199

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 associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
I	Compound did not meet method-described identification guidelines. Identification was based on additional GC/MS characteristics.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

CHAIN OF CUSTODY RECORD

1199

Calscience Environmental Laboratories, Inc.
7440 LINCOLN WAY
GARDEN GROVE, CA 92841
TEL: (714) 895-5494
FAX: (714) 894-7501

ExxonMobil

Consultant Name: Environmental Resolutions, Inc.
Address: 601 North McDowell Blvd.
City/State/Zip: Petaluma, California 94954
Project Manager Paula Sime
Telephone Number: (707) 766-2000
ERI Job Number: 2293 11X (April)
Sampler Name: (Print) J Herman
Sampler Signature: J Herman

ExxonMobil Engineer Jennifer C. Sedlachek
Telephone Number (510) 547-8196
Account #: 10228
PO #: 4508879005
Facility ID # 7-0238
Global ID# T0600101343
Site Address 2200 East 12th Street
City, State Zip Oakland, California

TAT
☐ 24 hour ☐ 72 hour
☐ 48 hour ☐ 96 hour
☑ 8 day

PROVIDE: EDF Report

Special Instructions:

Sample ID / Description	DATE	TIME	COMP	GRAB	PRESERV	NUMBER	Matrix: Water	Soil	Vapor	Analyze For: TPHg 8015B	BTEX 8021B	MTBE 8020
W-PSP-1	4/11	845		X	HCL	5VOA	X			X	X	X
W-INT-2		900		X	HCL	5VOA	X			X	X	X
W-INT-1		915		X	HCL	5VOA	X			X	X	X
W-INF		930		X	HCL	5VOA	X			X	X	X

Relinquished by: J Herman Date 4/11/08 Time 1400 Received by: Tom Comolly 4/11/08 CEL Time 1405

Relinquished by: Tom Comolly TO GSO Date 4/11/08 Time 1730 Received by Calscience: CEL Time 10:00

5093363331

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

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 08 - 04 - 1199

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: EXXON MOBIL DATE: 4-17-08

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

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

LABORATORY (Other than Calscience Courier):

_____ °C Temperature blank.
3.0 °C IR thermometer.
_____ Ambient temperature.

Initial: TD

CUSTODY SEAL INTACT:

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

Initial: TD

SAMPLE CONDITION:

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

Initial: TD

COMMENTS:

RECEIVED FOUR VIALS ON ALL SAMPLES.

4-17-08

Calscience
Environmental
Laboratories, Inc.

June 19, 2008

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

Subject: **Calscience Work Order No.: 08-06-0726**
Client Reference: ExxonMobil 70238

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 6/7/2008 and analyzed in accordance with the attached chain-of-custody.

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

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

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

Sincerely,

Cecile L deGuia

Calscience Environmental
Laboratories, Inc.
Cecile deGuia
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received: 06/07/08
Work Order No: 08-06-0726
Preparation: EPA 5030B
Method: EPA 8015B (M)

Project: ExxonMobil 70238

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-PSP-1	**08-06-0726-1-D**	**06/03/08 10:00**	**Aqueous**	**GC 30**	**06/10/08**	**06/10/08 16:21**	**080609B02**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	50	1		ug/L
Surrogates:	**REC (%)**	**Control Limits**		**Qual**	
1,4-Bromofluorobenzene	87	38-134			

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-INT 2	**08-06-0726-2-D**	**06/03/08 10:15**	**Aqueous**	**GC 30**	**06/10/08**	**06/10/08 16:54**	**080609B02**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	50	1		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-INT 1	**08-06-0726-3-D**	**06/03/08 10:30**	**Aqueous**	**GC 30**	**06/10/08**	**06/10/08 17:28**	**080609B02**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	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	**08-06-0726-4-D**	**06/03/08 10:45**	**Aqueous**	**GC 30**	**06/11/08**	**06/11/08 11:43**	**080611B01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	50	1		ug/L
Surrogates:	**REC (%)**	**Control Limits**		**Qual**	
1,4-Bromofluorobenzene	81	38-134			

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Environmental Resolutions, Inc.		Date Received:	06/07/08
601 North McDowell Blvd.		Work Order No:	08-06-0726
Petaluma, CA 94954-2312		Preparation:	EPA 5030B
		Method:	EPA 8015B (M)

Project: ExxonMobil 70238

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-436-1,975**	**N/A**	**Aqueous**	**GC 30**	**06/09/08**	**06/10/08 01:36**	**080609B02**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	50	1		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
Method Blank	**099-12-436-1,979**	**N/A**	**Aqueous**	**GC 30**	**06/11/08**	**06/11/08 10:02**	**080611B01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	50	1		ug/L
Surrogates:	REC (%)	Control Limits		Qual	
1,4-Bromofluorobenzene	85	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: 06/07/08
Work Order No: 08-06-0726
Preparation: EPA 5030B
Method: EPA 8021B
Units: ug/L

Project: ExxonMobil 70238

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-PSP-1	**08-06-0726-1-D**	**06/03/08 10:00**	**Aqueous**	**GC 8**	**06/17/08**	**06/17/08 14:00**	**080617B01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Xylenes (total)	ND	1.0	1	
Toluene	ND	0.50	1		Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	
Ethylbenzene	ND	0.50	1						

Surrogates:	REC (%)	Control 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-INT 2	**08-06-0726-2-E**	**06/03/08 10:15**	**Aqueous**	**GC 8**	**06/16/08**	**06/16/08 17:53**	**080616B01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Xylenes (total)	ND	1.0	1	
Toluene	0.94	0.50	1		Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	
Ethylbenzene	ND	0.50	1						

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	87	70-130	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-INT 1	**08-06-0726-3-E**	**06/03/08 10:30**	**Aqueous**	**GC 8**	**06/16/08**	**06/16/08 18:27**	**080616B01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Xylenes (total)	ND	1.0	1	
Toluene	0.68	0.50	1		Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	
Ethylbenzene	ND	0.50	1						

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	92	70-130	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-INF	**08-06-0726-4-E**	**06/03/08 10:45**	**Aqueous**	**GC 8**	**06/16/08**	**06/16/08 21:15**	**080616B01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	0.90	0.50	1		Xylenes (total)	ND	1.0	1	
Toluene	1.8	0.50	1		Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	
Ethylbenzene	ND	0.50	1						

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	95	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: 06/07/08
Work Order No: 08-06-0726
Preparation: EPA 5030B
Method: EPA 8021B
Units: ug/L

Project: ExxonMobil 70238

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-667-158**	**N/A**	**Aqueous**	**GC 8**	**06/16/08**	**06/16/08 10:35**	**080616B01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Xylenes (total)	ND	1.0	1	
Toluene	ND	0.50	1		Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	
Ethylbenzene	ND	0.50	1						

Surrogates:	REC (%)	Control 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
Method Blank	**099-12-667-159**	**N/A**	**Aqueous**	**GC 8**	**06/17/08**	**06/17/08 11:44**	**080617B01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Xylenes (total)	ND	1.0	1	
Toluene	ND	0.50	1		Methyl-t-Butyl Ether (MTBE)	ND	5.0	1	
Ethylbenzene	ND	0.50	1						

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	98	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: 06/07/08
Work Order No: 08-06-0726
Preparation: EPA 5030B
Method: EPA 8015B (M)

Project ExxonMobil 70238

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
08-06-0765-1	Aqueous	GC 30	06/09/08	06/10/08	080609S02

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	105	101	68-122	4	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: 06/07/08
Work Order No: 08-06-0726
Preparation: EPA 5030B
Method: EPA 8015B (M)

Project ExxonMobil 70238

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
W-INF	Aqueous	GC 30	06/11/08	06/11/08	080611S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	108	109	68-122	2	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: 06/07/08
Work Order No: 08-06-0726
Preparation: EPA 5030B
Method: EPA 8021B

Project ExxonMobil 70238

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
08-06-0727-1	Aqueous	GC 8	06/16/08	06/16/08	080616S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	105	103	57-129	2	0-23	
Toluene	104	100	50-134	3	0-26	
Ethylbenzene	104	102	58-130	2	0-26	
p/m-Xylene	107	104	58-130	3	0-28	
o-Xylene	104	101	57-123	3	0-26	
Methyl-t-Butyl Ether (MTBE)	104	106	44-134	2	0-27	

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: 06/07/08
Work Order No: 08-06-0726
Preparation: EPA 5030B
Method: EPA 8021B

Project ExxonMobil 70238

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
08-06-0971-4	Aqueous	GC 8	06/17/08	06/17/08	080617S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	97	102	57-129	5	0-23	
Toluene	94	99	50-134	5	0-26	
Ethylbenzene	95	100	58-130	5	0-26	
p/m-Xylene	98	103	58-130	5	0-28	
o-Xylene	95	100	57-123	5	0-26	
Methyl-t-Butyl Ether (MTBE)	104	105	44-134	0	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: 08-06-0726
Preparation: EPA 5030B
Method: EPA 8015B (M)

Project: ExxonMobil 70238

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-436-1,975	Aqueous	GC 30	06/09/08	06/10/08	080609B02

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	98	107	78-120	8	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: 08-06-0726
Petaluma, CA 94954-2312	Preparation: EPA 5030B
	Method: EPA 8015B (M)

Project: ExxonMobil 70238

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-436-1,979	Aqueous	GC 30	06/11/08	06/11/08	080611B01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	104	110	78-120	6	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: 08-06-0726
Preparation: EPA 5030B
Method: EPA 8021B

Project: ExxonMobil 70238

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-667-158	Aqueous	GC 8	06/16/08	06/16/08	080616B01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	103	101	70-118	2	0-9	
Toluene	101	98	66-114	2	0-9	
Ethylbenzene	101	99	72-114	2	0-9	
p/m-Xylene	104	103	74-116	1	0-9	
o-Xylene	102	100	72-114	2	0-9	
Methyl-t-Butyl Ether (MTBE)	110	108	41-137	2	0-13	

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: 08-06-0726
Preparation: EPA 5030B
Method: EPA 8021B

Project: ExxonMobil 70238

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-667-159	Aqueous	GC 8	06/17/08	06/17/08	080617B01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	95	100	70-118	5	0-9	
Toluene	93	98	66-114	5	0-9	
Ethylbenzene	93	98	72-114	5	0-9	
p/m-Xylene	97	102	74-116	5	0-9	
o-Xylene	94	99	72-114	5	0-9	
Methyl-t-Butyl Ether (MTBE)	109	104	41-137	4	0-13	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 08-06-0726

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 associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
I	Compound did not meet method-described identification guidelines. Identification was based on additional GC/MS characteristics.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

CHAIN OF CUSTODY RECORD

0726

Calscience Environmental Laboratories, Inc.
7440 LINCOLN WAY
GARDEN GROVE, CA 92841
TEL: (714) 895-5494
FAX: (714) 894-7501

ExxonMobil

Consultant Name: Environmental Resolutions, Inc.
Address: 601 North McDowell Blvd.
City/State/Zip: Petaluma, California 94954
Project Manager Paula Sime
Telephone Number: (707) 766-2000
ERI Job Number: 2293 11X (June)
Sampler Name: (Print) J Hermann
Sampler Signature:

ExxonMobil Engineer Jennifer C. Sedlachek
Telephone Number (510) 547-8196
Account #: 10228
PO #: 4508879005
Facility ID # 7-0238
Global ID# T0600101343
Site Address 2200 East 12th Street
City, State Zip Oakland, California

TAT
☐ 24 hour ☐ 72 hour
☐ 48 hour ☐ 96 hour
☑ 8 day

PROVIDE: EDF Report

Special Instructions:

	Sample ID / Description	DATE	TIME	COMP	GRAB	PRESERV	NUMBER	Matrix: Water	Soil	Vapor	Analyze For: TPHg 8015B	BTEX 8021B	MTBE 8020
1	W-PSP-1	6/3/08	1000		X	HCL	5VOA	X			X	X	X
2	W-INT-2	"	1015		X	HCL	5VOA	X			X	X	X
3	W-INT-1	"	1030		X	HCL	5VOA	X			X	X	X
4	W-INF	"	1045		X	HCL	5VOA	X			X	X	X

Relinquished by: J Hermann Date 6/4/08 Time 600 Received by: Tom Malby CEC Time 1355 6/6/08

Relinquished by: Date 6-6-08 Time 1730 Received by Calscience: Time 0945

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

650
Tracking # 509729518
650
6-7-08 0945

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 08 - 06 - 0726

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: ERI **DATE:** 6-7-08

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

_____ Chilled, cooler with temperature blank provided.
_____ Chilled, cooler without temperature blank.
_____ Chilled and placed in cooler with wet ice.
_____ Ambient and placed in cooler with wet ice.
_____ Ambient temperature (For Air & Filter Only).
_____ °C Temperature blank.

LABORATORY (Other than Calscience Courier):

_____ °C Temperature blank.
3.3 °C IR thermometer.
_____ Ambient temperature (For Air & Filter Only).

Initial: WB

CUSTODY SEAL INTACT:

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

Initial: WB

SAMPLE CONDITION:

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

Initial: WB

COMMENTS:

APPENDIX C

ERI SOP-25:
"HYDROCARBONS REMOVED FROM A VADOSE WELL"

HYDROCARBONS REMOVED FROM A VADOSE WELL
SOP-25
Rev: JO'C

Rev. 4/29/97

POUNDS OF HYDROCARBON IN A VAPOR STREAM

INPUT DATA:
1) Vapor flow rate acfm (usually by Pitot tube)
2) Vapor pressure at the flow measuring device (in inches of H_2O) (use {-} for vacuum)
3) Vapor temperature at the flow measuring device.
4) Hydrocarbon content of vapor (usually in mg/M^3) for ppmv you need molecular weight.
5) Length of time (usually hours) over which flow rate occurred)

From periodic measurements, a calculation of total pounds of hydrocarbons removed from a well or from a system is calculated. The input data listed above are measured at a point in time. To calculate quantities removed, some assumptions must be made about what was happening between measurements. The following assumptions will be used for the sake of consistency:

ASSUMPTIONS:
1) Vapor flow for the period equals the average of the initial and final reading for the period.
2) Pressure and temperature for the entire period will be the final reading.
3) Hydrocarbon concentration for the period equals the average of the initial and final reading.
4) The hours of operation can be taken from an hour meter, an electric meter or will be assumed to be equal to the time between measurements.
5) If the unit is found down - try to determine how many hours it did operate and use the data taken for the previous period to make the calculations. Restart the unit and then take data to start the next period.

SAMPLE DATA AND CALCULATIONS

	Date				
1/6/95 11:00	70	-46	2000	120	
1/7/95 13:00	55	-50	1350	90	
1/8/95 10:00	80	-13	750	100	7.4

Calculate the pounds of hydrocarbon removed from the system during the basis period from 13:00 (1:00 pm) on the 7th to 10 am on the 8th. Pressure and temperature of the measurements (at the flow meter) must be corrected to the P and T used to report the HC concentration (which are P = 1 atm and T = 70 deg F). 1 atm = 14.7psia, 760 mm Hg, or 407 in H_2O. T_{abs} = 460 + T deg F

Hours of operation = 21, T = 80, P = -13, HC = (1350+750)/2 = 1050 mg/M^3, Flow = 95

$$21 \times 60 \times 95 \times \frac{(460+70)}{(460+80)} \times \frac{(407-13)}{407} \times \frac{28.3}{1000} \times \frac{1050}{1000} \times \frac{1}{454} = 7.4 \text{ lb}$$

$$\frac{\text{hr}}{\text{basis}} \times \frac{\text{min}}{\text{hr}} \times \frac{\text{cu ft}}{\text{min}} \times T_{Corr} \times P_{Corr} \times \frac{M^3}{\text{cu ft}} \times \frac{\text{g}}{M^3} \times \frac{\text{lb}}{\text{g}} = \frac{\text{lb}}{\text{basis}}$$

21 x 60 x 95 x 0.98 x 0.97 x 0.0283 x 1.050 x1/454 = 7.4 lb.
cumulative lbs. (the running total) = the sum of all the previous periods.

Note: If results are given in ppm, an assumption about the molecular weight of the hydrocarbon must be made to get mg/M^3. ppmv x molecular wt. /24.1 = mg/M^3. (Use 102 for gasoline).

APPENDIX D
FIELD DATA SHEETS

DAILY FIELD REPORT

Environmental Resolutions, Inc.

PROJECT: 7-0238 JOB # + ACTIVITY: 229313X

SUBJECT: QM Q082 DATE: 5.19.08

EQUIPMENT USED: SHEET: ___ OF ___

NAME: Harry Shaw PROJECT MNGR: PS

onsite 0920
Safety Meeting
Check-in
Located wells & compound
Opened wells MW 9 A, B, C, D I. / Inspection
No TC wells done as no permit obtained
DTW on above wells
Purged all wells
Sampled Wells
Pumped water into system
31 gal purged
15 gal DeCon
46 gal Total returned to system

offsite 1445

WATER SAMPLING SITE STATUS

Date: 5/19/08

Inspected by: Harry Shaw

ERI Job Number: 2293 Station No.: 7.0238 Site Address: 2200 E. 12th St Oakland

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	
MW9A	OK	OK	OK	OK	OK	OK	N	2/3 OK	OK						One tab missing
MW9C	OK	OK	OK	OK	OK	OK	Y	OK	OK						2 Tabs broken
MW9B	OK	NA	OK	OK	OK	OK	Y	N	OK						
MW9I	OK	OK	OK	OK	OK	OK	N	OK	OK						
MW9D	OK	OK	OK	OK	OK	OK	N	OK	OK						

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			4th	2006		Calc Case Volume for purge	
ERI #	2293					2" WELL x 0.163	
Site #	7-0238	Address:	220 East 12th St., Oakland, CA			4" WELL x 0.652	
PM:	Paula Sime					6" WELL x 1.467	
Date:	5/19/2008					r (squared) x 0.163	
Tech:	HIS		Recharge formula:				
DTW Time			Step 1►	Calc 100% in feet►		TD - PreDTW (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
MW 9A	17.52	6.59	2	1.78	6.72	Y	13:40	
MW 9B	17.58	6.65	2	1.78	8.74	Y	14:10	
MW 9C	16.00	10.7	2	0.86	11	Y	15:15	
MW 9D	14.76	8.64	4	3.99	8.86	Y	15:55	
MW 9F	13.95		4	9.10				
MW 9G	14.00		4	9.13				
MW 9H	14.17		4	9.24				
MW 9I	13.68	6.29	4	4.82	8.36	N72%	15:40	

MONITORING - FIELD LOG					
ERI #	2293		QRT	2nd	2008
Client:	ExxonMobil		DATE:	5/19/08	
Site ID:	7-0238		TECH	HIS	
ADDRESS:			PM:	Paula	
2200 East 12th St. Oakland, Ca			Total Purge Volume		
		PRG	°C	uS	
WELL #	TIME	VOL	TEMP	COND	pH
BB					
COMMENTS:					
		PRG			
WELL #	TIME	VOL	TEMP	COND	pH
MW9A	11:32				
	11:35	2	19.20	694.00	7.13
dry @ 3.5	11:37	4			
		6			
TOTAL PURGE	3.5				
COMMENTS:					
		PRG			
WELL #	TIME	VOL	TEMP	COND	pH
	12:47				
MW9I	12:51	5	22.00	1116.00	7.07
	12:54	10	20.08	1168.00	7.15
dry @ 11.00		15			
TOTAL PURGE	11				
COMMENTS:					
		PRG			
WELL #	TIME	VOL	TEMP	COND	pH
MW9D	13:20				
	13:24	4	17.70	618.00	6.77
	13:27	8	17.40	648.00	6.70
dry @ 10.5		12			
TOTAL PURGE	10.5				
COMMENTS:					

MONITORING - FIELD LOG					
ERI #	2293		QRT	2nd	2008
Client:	ExxonMobil		DATE:	5/19/08	
Site ID:	7-0238		TECH	HIS	
ADDRESS:			PM:	Paula	
2200 East 12th St. Oakland, Ca			Total Purge Volume		
		PRG			
WELL #	TIME	VOL	TEMP	COND	pH
MW9B	13:49				
	13:51	2	20.90	643.00	6.82
	13:52	4	20.50	653.00	6.85
	13:54	6	20.20	625.00	6.90
TOTAL PURGE	6				
COMMENTS:					
		PRG			
WELL #	TIME	VOL	TEMP	COND	pH
MW9C	14:37				
	14:39	1	21.50	732.00	6.73
	14:40	2	20.50	811.00	6.74
	14:42	3	20.40	815.00	6.78
	14:44	4	20.40	812.00	6.71
TOTAL PURGE	4				
COMMENTS:					