ExxonMobil Environmental Services Company
4096 Piedmont Avenue #194
Oakland, California 94611
510 547 8196 Telephone
510 547 8706 Facsimile

Jennifer C. Sedlachek
Project Manager

ExxonMobil

March 30, 2010

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 Report, First Quarter 2010,*** dated March 30, 2010, for the above-referenced site. The report was prepared by Environmental Resolutions, Inc. (ERI) of Petaluma, California, and details groundwater monitoring and sampling activities for the subject site.

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

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

Sincerely,

Jennifer C. Sedlachek
Project Manager

Attachment: ERI's Groundwater Monitoring Report, First Quarter 2010, dated March 30, 2010

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

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

VALUE, QUALITY, RESPONSE

Southern California
Northern California
Central California
Pacific Northwest
New England
Southwest
Montana
Texas

March 30, 2010
ERI 229313.Q101

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

SUBJECT **Semi-Annual Groundwater Monitoring, First Quarter 2010**
Former Exxon Service Station 70238
2200 East 12th Street, Oakland, California

Alameda County Environmental Health Department Case No. RO#390

INTRODUCTION

At the request of ExxonMobil Environmental Services (EMES), on behalf of ExxonMobil Oil Corporation, Environmental Resolutions, Inc. (ERI) performed first quarter 2010 groundwater monitoring and sampling activities at the subject site. Relevant plates, tables, and appendices are included at the end of this report. Currently, the site operates as a Valero-branded service station.

GROUNDWATER MONITORING AND SAMPLING SUMMARY

Gauging and sampling dates:		01/11/10 and 03/02/10
Wells gauged and sampled:		MW9A, MW9B through MW9D, MW9I
Wells not sampled:		MW9F, MW9H, MW9I (inaccessible)
Presence of NAPL:		Not observed
Laboratory:		Calscience Environmental Laboratories, Inc. Garden Grove, California
Analyses performed:	EPA Method 8015B	TPHg
	EPA Method 8260B	BTEX, MTBE, ETBE, DIPE, TAME, 1,2-DCA, EDB, TBA
	EPA Method 8260B	Ethanol (select samples)
Waste disposal:		59 gallons and 21 gallons of purge and decon water delivered to InStrat, Inc., of Rio Vista, California, on 02/02/10 and 03/11/10, respectively.

REMEDIATION SYSTEM SUMMARY

The remediation system at the site is currently shut down for post-remedial monitoring of site conditions.

Dual-Phase Extraction System

ERI operated a DPE system at the site from January 2004 to July 2008. The DPE system removed approximately 976.3 pounds of TPHg, 8.6 pounds of benzene, and 38.3 pounds of MTBE during its operational period. Details of the DPE system operation and performance are included in ERI's report, *Groundwater Monitoring and Remediation Status Report, Third Quarter 2008*, dated October 24, 2008.

CONCLUSIONS

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. Groundwater monitoring wells are sampled semi-annually during the first and third quarters.

Well MW9A was inaccessible during the January 11, 2010, sampling event. ERI returned to the site on March 2, 2010, to monitor and sample well MW9A.

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

LIMITATIONS

For any documents cited that were not generated by ERI, the data taken from those documents 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 documents.

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

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

Sincerely,
Environmental Resolutions, Inc.

SCANNED IMAGE

Jennifer L. Lacy
Senior Staff Scientist

SCANNED IMAGE

Heidi Dieffenbach-Carle
P.G. 6793

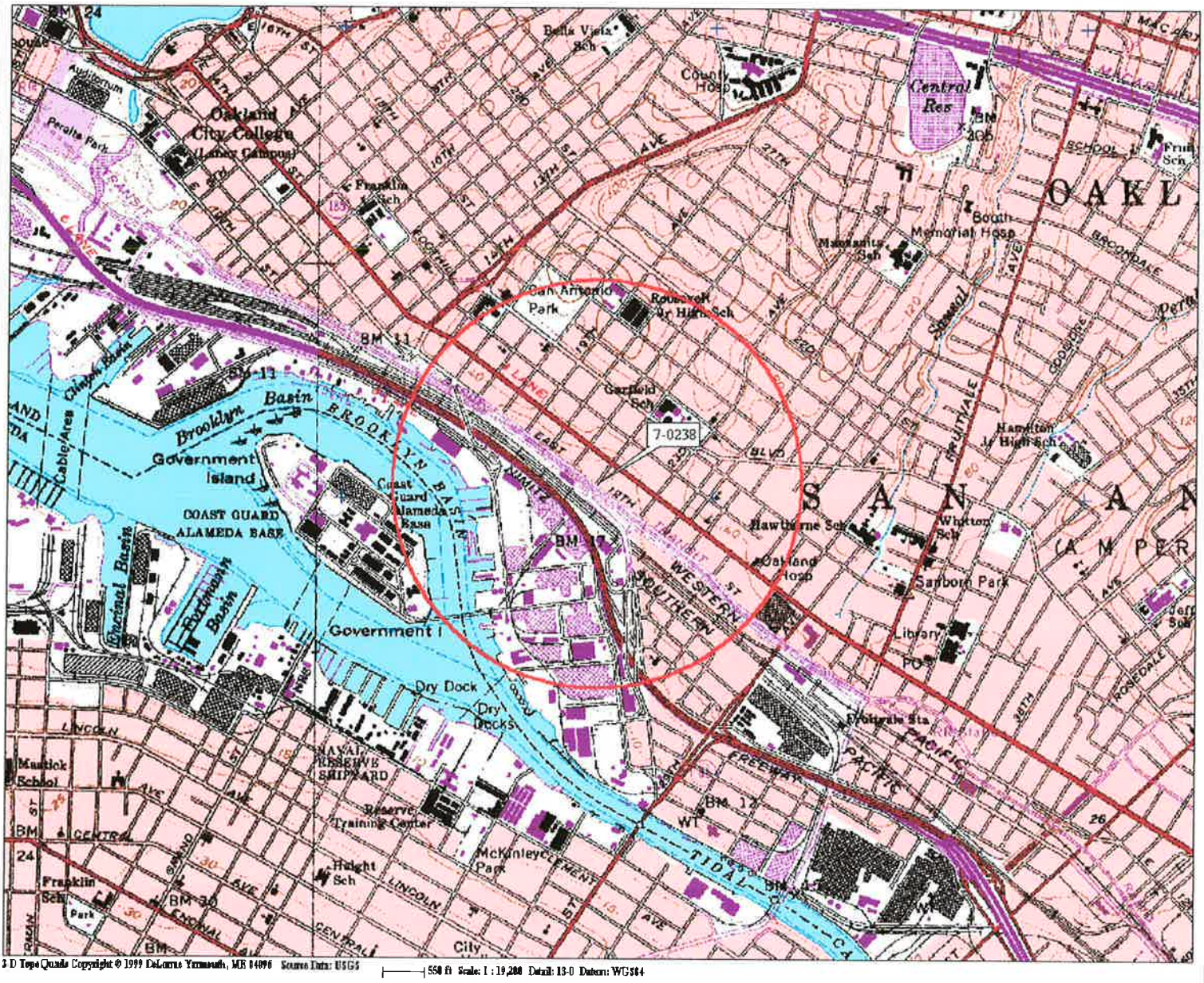
Enclosures:

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
Appendix A	Groundwater Sampling Protocol
Appendix B	Laboratory Analytical Reports and Chain-of-Custody Records
Appendix C	Field Data Sheets
Appendix D	Waste Disposal Documentation

ACRONYM LIST

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



FN 2293TOPO

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

ERI
VALUE, QUALITY, RESPONSE

SITE VICINITY MAP

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

PROJECT NO. 2293

PLATE 1

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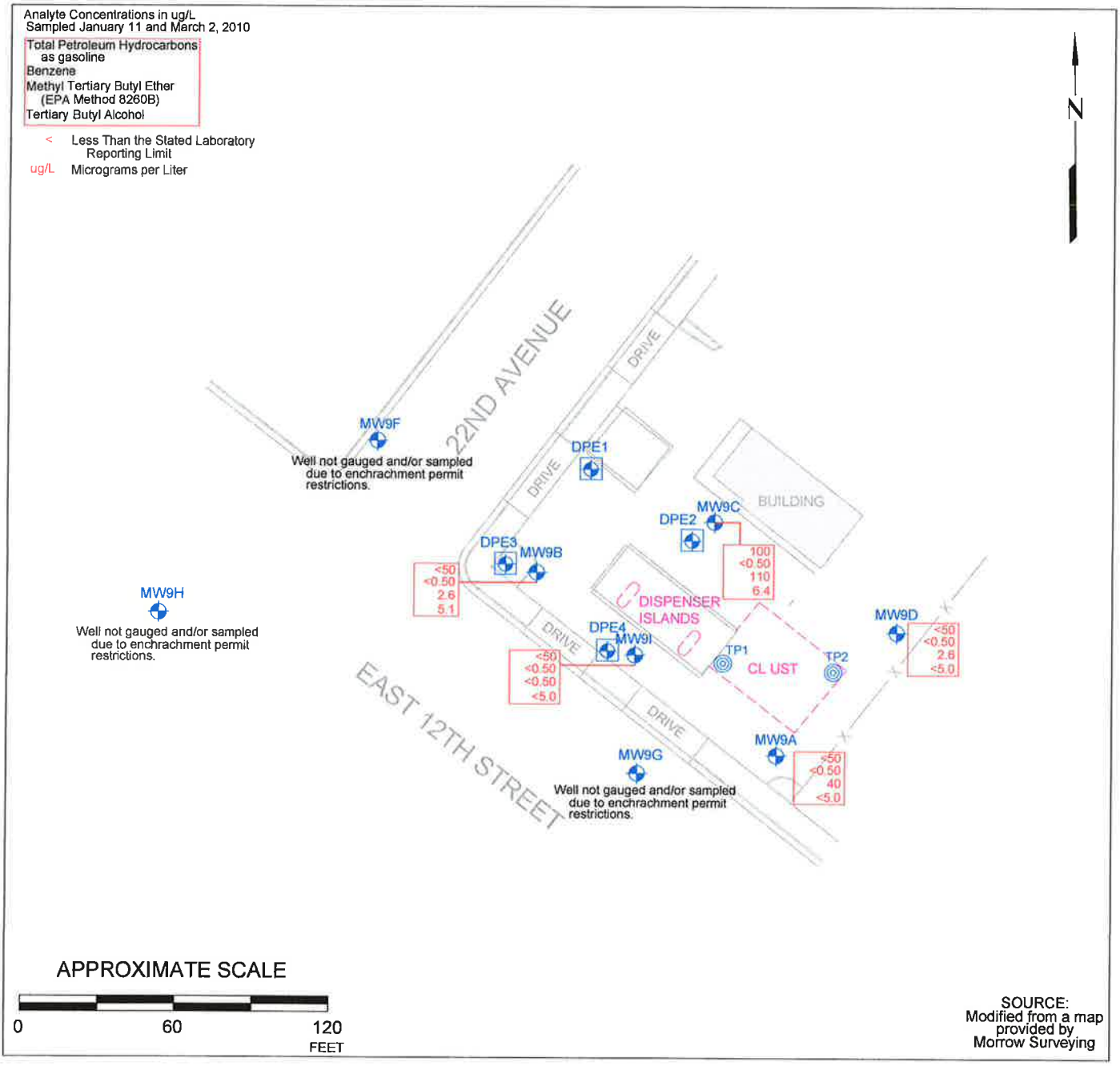

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EXPLANATION

MW9I
Groundwater Monitoring Well

DPE4
Dual-Phase Extraction Well

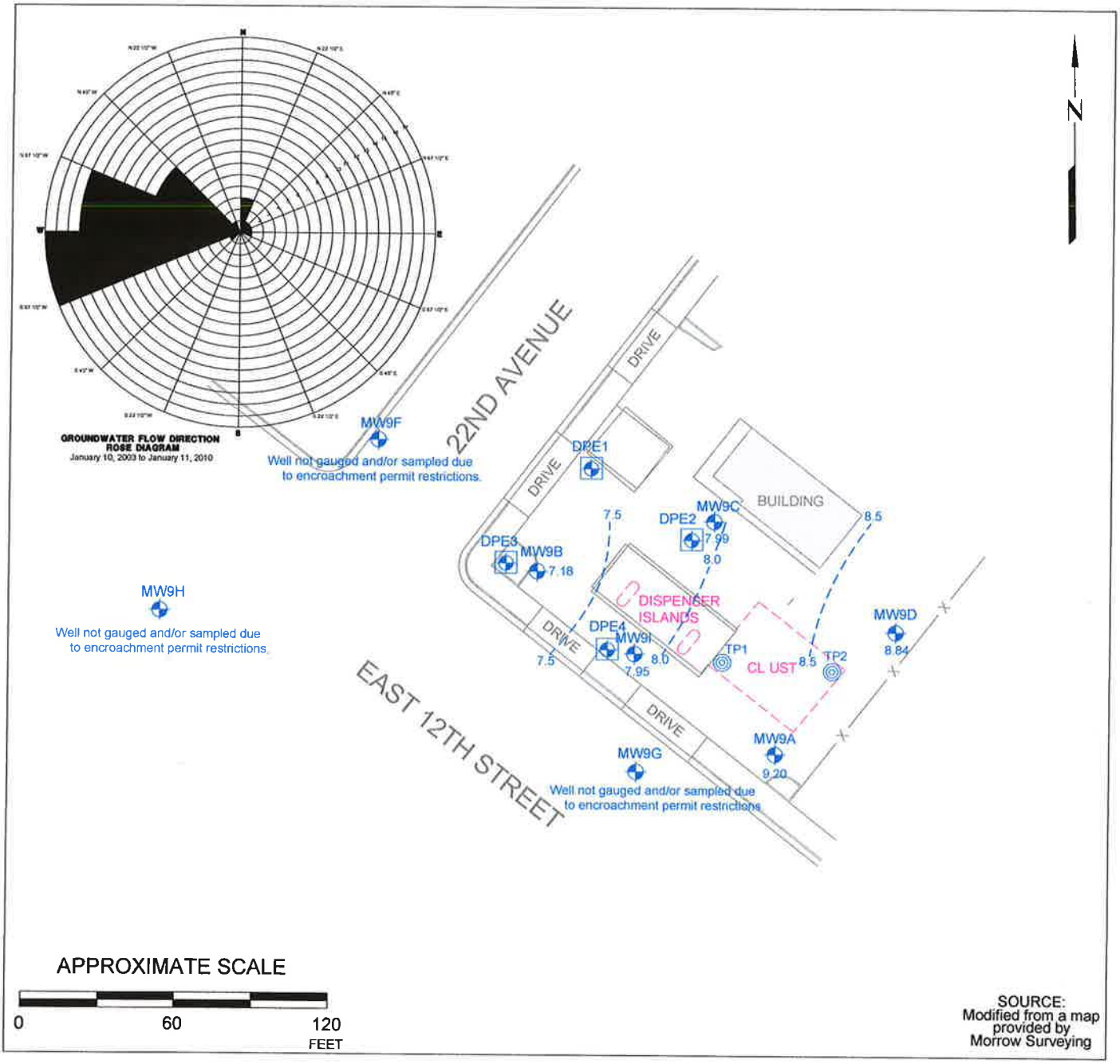
TP2
Tank Pit Well

SELECT ANALYTICAL RESULTS
January 11 and March 2, 2010

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

PROJECT NO.
2293
PLATE
2

ERI
VALUE, QUALITY, RESPONSE



FN: 2293 10 1QTR_QM

EXPLANATION

MW9I
Groundwater Monitoring Well
7.95 Groundwater elevation in feet; datum is mean sea level

DPE4
Dual-Phase Extraction Well

TP2
Tank Pit Well

MW9A was gauged on March 2, 2010 and therefore not contoured.

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

VALUE, QUALITY, RESPONSE

GROUNDWATER ELEVATION MAP
January 11 and March 2, 2010
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)
Monitoring Well Samples												
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	0.67b
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
MW9A	07/12/01	14.53	---	---	No	<50	3,600	---	<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	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	14.51	Well inaccessible.									
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
MW9A	08/01/08	14.51	6.57	7.94	No	<50	---	41	<0.50	<0.50	<0.50	<0.50
MW9A	10/07/08	14.51	6.32	8.19	No	<50	---	19	<0.50	<0.50	<0.50	<0.50
MW9A	01/30/09	14.51	5.96	8.55	No	<50	---	37	<0.50	<0.50	<0.50	<0.50
MW9A	04/01/09	14.51	5.95	8.56	No	68	---	91	<0.50	<0.50	<0.50	<0.50
MW9A	07/02/09	14.51	6.11	8.40	No	<50	---	40	<0.50	<0.50	<0.50	<0.50
MW9A	**01/11/10**	**14.51**	**Well inaccessible.**									
MW9A	**03/02/10**	**14.51**	**5.31**	**9.20**	**No**	**<50**	**---**	**40**	**<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

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	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
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
MW9B	08/01/08	12.84	6.15	6.69	No	<50	---	63	<0.50	<0.50	<0.50	<0.50
MW9B	10/07/08	12.84	5.76	7.08	No	<50	---	6.3	<0.50	<0.50	<0.50	<0.50
MW9B	01/30/09	12.84	5.62	7.22	No	<50	---	4.5	<0.50	<0.50	<0.50	<0.50
MW9B	04/01/09	12.84	5.36	7.48	No	<50	---	2.8	<0.50	<0.50	<0.50	<0.50
MW9B	07/02/09	12.84	5.65	7.19	No	<50	---	1.4	<0.50	<0.50	<0.50	<0.50
MW9B	**01/11/10**	**12.84**	**5.66**	**7.18**	**No**	**<50**	**---**	**2.6**	**<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

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	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
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
MW9C	08/01/08	14.16	7.24	6.92	No	61k	---	89	<0.50	<0.50	<0.50	<0.50
MW9C	10/07/08	14.16	6.67	7.49	No	120	---	150	<5.0	<5.0	<5.0	<5.0
MW9C	01/30/09	14.16	6.08	8.08	No	80	---	130	<0.50	<0.50	<0.50	<0.50
MW9C	04/01/09	14.16	5.98	8.18	No	91	---	12	<0.50	<0.50	<0.50	<0.50
MW9C	07/02/09	14.16	6.45	7.71	No	<50	---	69	<2.0	<2.0	<2.0	<2.0
MW9C	**01/11/10**	**14.16**	**6.17**	**7.99**	**No**	**100**	**---**	**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

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	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
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	15.98	Well inaccessible.									
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	15.97	Well inaccessible.									

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	15.97	Well inaccessible.									
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	<50	---	9.2	<0.50	<0.50	<0.50	<0.50
MW9D	08/01/08	15.97	8.45	7.52	No	<50	---	13	<0.50	<0.50	<0.50	<0.50
MW9D	10/07/08	15.97	8.00	7.97	No	<50	---	14	<0.50	<0.50	<0.50	<0.50
MW9D	01/30/09	15.97	7.42	8.55	No	<50	---	7.3	<0.50	<0.50	<0.50	<0.50
MW9D	04/01/09	15.97	7.34	8.63	No	<50	---	2.2	<0.50	<0.50	<0.50	<0.50
MW9D	07/02/09	15.97	7.71	8.26	No	<50	---	2.4	<0.50	<0.50	<0.50	<0.50
MW9D	**01/11/10**	**15.97**	**7.13**	**8.84**	**No**	**<50**	**---**	**2.6**	**<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

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	08/26/93	96.96 I	5.86	91.10	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9F	11/04/93	96.96 I	5.96	91.00	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9F	02/04/94	96.96 I	5.68	91.28	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9F	05/31/94	96.96 I	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	11.38	Well inaccessible.									
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
MW9F	06/07/04	11.38	6.03	5.35	No	<50.0	--	20.5	<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	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	11.38	Well not gauged and/or sampled due to encroachment permit restrictions.									
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	11.38	Well not gauged and/or sampled due to encroachment permit restrictions.									
MW9F	06/26/06	11.38	Well not gauged and/or sampled due to encroachment permit restrictions.									
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	Well not gauged and/or sampled due to encroachment permit restrictions.										
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	---	---	---	---	---	---	---	---	---	---
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

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	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	0.55b
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	12.99	Well inaccessible.									
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	12.98	Well not gauged and/or sampled due to encroachment permit restrictions.									
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	12.98	Well not gauged and/or sampled due to encroachment permit restrictions.									
MW9G	06/26/06	12.98	Well not gauged and/or sampled due to encroachment permit restrictions.									
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	Well not gauged and/or sampled due to encroachment permit restrictions.										
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

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	02/05/92	97.14 I	7.70	89.44	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9H	05/05/92	97.14 I	8.12	89.02	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9H	09/14/92	97.14 I	---	---	---	---	---	---	---	---	---	---
MW9H	11/16/92	97.14 I	---	---	---	---	---	---	---	---	---	---
MW9H	02/03/93	97.14 I	7.72	89.42	---	280	---	---	<0.5	<0.5	<0.5	<0.5
MW9H	05/18/93	97.14 I	8.12	89.02	---	<50	---	---	<0.5	<0.5	1.1	6.4
MW9H	08/26/93	97.14 I	8.14	89.00	---	<50	---	---	0.8	<0.5	<0.5	<0.5
MW9H	11/04/93	97.14 I	8.15	88.99	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9H	02/04/94	97.14 I	7.98	89.16	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9H	05/31/94	97.14 I	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	0.57b
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
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	11.61	Well inaccessible.									
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

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	01/10/03	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	---		---	---	---	---	---	---	---	---	---
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	11.59	Well not gauged and/or sampled due to encroachment permit restrictions.									
MW9H	06/26/06	11.59	Well not gauged and/or sampled due to encroachment permit restrictions.									
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	Well not gauged and/or sampled due to encroachment permit restrictions.										
MW9I	11/15/90	---	---	---	---	55	---	---	4.0	1.1	1.2	2.2
MW9I	02/05/92	98.66 I	5.56	93.10	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9I	05/05/92	98.66 I	5.60	93.06	---	<50	---	---	0.9	<0.5	<0.5	0.7
MW9I	09/14/92	98.66 I	6.12	92.54	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9I	11/16/92	98.66 I	5.82	92.84	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9I	02/03/93	98.66 I	4.92	93.74	---	240	---	---	46	1.1	2.3	2.1
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

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	07/22/98	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
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

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)
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
MW9I	08/01/08	13.13	6.01	7.12	No	<50	---	<0.50	<0.50	<0.50	<0.50	<0.50
MW9I	10/07/08	13.13	5.59	7.54	No	<50	---	<0.50	<0.50	<0.50	<0.50	<0.50
MW9I	01/30/09	13.13	5.05	8.08	No	<50	---	<0.50	<0.50	<0.50	<0.50	<0.50
MW9I	04/01/09	13.13	4.99	8.14	No	<50	---	<0.50	<0.50	<0.50	<0.50	<0.50
MW9I	07/02/09	13.13	5.42	7.71	No	<50	---	<0.50	<0.50	<0.50	<0.50	<0.50
MW9I	**01/11/10**	**13.13**	**5.18**	**7.95**	**No**	**<50**	**---**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**
Grab Groundwater Samples												
WS-02	09/20/88	---	---	---	---	25,000j	---	---	12,000d	<73d	<80d	<80d
MW-9A	09/20/88	---	---	---	---	<76j	---	---	<76d	<73d	<80d	<80d
WS-10	09/20/88	---	---	---	---	<76j	---	---	<76d	<73d	<80d	<80d
W-Comp	10/26/00	---	---	---	---	---	---	---	---	---	---	---
W-13-DP1	08/31/07	---	---	---	---	<50	---	9.5	<0.50	<0.50	<0.50	<0.50
W-15-DP2	08/27/07	---	---	---	---	<50	---	7.0	<0.50	<0.50	<0.50	<0.50
W-10-DP3	08/28/07	---	---	---	---	<50	---	16	<0.50	<0.50	<0.50	<0.50
W-15-DP3	08/28/07	---	---	---	---	160	---	270	<0.50	<0.50	<0.50	<0.50
W-19-DP6	08/31/07	---	---	---	---	1,300	---	4,800	<50	<50	<50	<50

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

Notes:		
TOC	=	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 liquids.
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.
Metals	=	Metals analyzed using EPA Method 200.7.
µg/L	=	Micrograms per liter.
ND	=	Not detected at or above the stated laboratory detection limit.
<	=	Less than the indicated reporting limit shown by the laboratory.
---	=	Not measured/Not sampled/Not analyzed.
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	=	Analyzed using EPA Method 602.
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 analysis.
h	=	Groundwater elevation data invalidated; analytical results suspect.
i	=	Well sampled using no-purge method.
j	=	Analyzed using DHS Method-LUFT Field Manual.
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)
Monitoring Well Samples								
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	Well inaccessible.						
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
MW9A	08/01/08	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<100
MW9A	10/07/08	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50
MW9A	01/30/09	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50
MW9A	04/01/09	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	63
MW9A	07/02/09	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50
MW9A	**01/11/10**	**Well inaccessible.**						
MW9A	**03/02/10**	**<0.50**	**<0.50**	**<0.50**	**<5.0**	**<0.50**	**<0.50**	**<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)
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	---	---	---	---	---	---	<50.0
MW9B	12/13/04	---	---	---	---	---	---	---
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	---
MW9B	08/01/08	<0.50	<0.50	<0.50	16	<0.50	<0.50	---
MW9B	10/07/08	<0.50	<0.50	<0.50	9.4	<0.50	<0.50	<50
MW9B	01/30/09	<0.50	<0.50	<0.50	12	<0.50	<0.50	<50
MW9B	04/01/09	<0.50	<0.50	<0.50	10	<0.50	<0.50	---
MW9B	07/02/09	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	---
MW9B	**01/11/10**	**<0.50**	**<0.50**	**<0.50**	**5.1**	**<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	---	---	---	---	---	---	---

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	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	---	---	---	---	---	---	<50.0
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	---
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	---
MW9C	08/01/08	<0.50	<0.50	<0.50	<10	<0.50	<0.50	---
MW9C	10/07/08	<5.0	<5.0	<5.0	<50	<5.0	<5.0	<500
MW9C	01/30/09	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50
MW9C	04/01/09	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	---
MW9C	07/02/09	<2.0	<2.0	<2.0	<20	<2.0	<2.0	---
MW9C	**01/11/10**	**<0.50**	**<0.50**	**<0.50**	**6.4**	**<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

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)
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	Well inaccessible.						
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	---
MW9D	08/01/08	<0.50	<0.50	<0.50	<10	<0.50	<0.50	---
MW9D	10/07/08	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50
MW9D	01/30/09	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50
MW9D	04/01/09	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	---
MW9D	07/02/09	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	---
MW9D	**01/11/10**	**<0.50**	**<0.50**	**<0.50**	**<5.0**	**<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	---	---	---	---	---	---	---
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	---	---	---	---	---	---	<50.0

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	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	Well not gauged and/or sampled due to encroachment permit restrictions.						
MW9F	12/30/05	---	---	---	---	---	---	---
MW9F	03/07/06	Well not gauged and/or sampled due to encroachment permit restrictions.						
MW9F	06/26/06	Well not gauged and/or sampled due to encroachment permit restrictions.						
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	Well not gauged and/or sampled due to encroachment permit restrictions.						
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	---	---	---	---	---	---	<50.0
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	Well not gauged and/or sampled due to encroachment permit restrictions.						
MW9G	12/30/05	---	---	---	---	---	---	---
MW9G	03/07/06	Well not gauged and/or sampled due to encroachment permit restrictions.						
MW9G	06/26/06	Well not gauged and/or sampled due to encroachment permit restrictions.						
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	Well not gauged and/or sampled due to encroachment permit restrictions.						
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.						

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	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	---	---	---	---	---	---	<50.0
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	Well not gauged and/or sampled due to encroachment permit restrictions.						
MW9H	12/30/05	---	---	---	---	---	---	---
MW9H	03/07/06	Well not gauged and/or sampled due to encroachment permit restrictions.						
MW9H	06/26/06	Well not gauged and/or sampled due to encroachment permit restrictions.						
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	Well not gauged and/or sampled due to encroachment permit restrictions.						
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	---	---	---	---	---	---	<50.0
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	---	---	---	---	---	---	---
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

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	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
MW9I	08/01/08	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<100
MW9I	10/07/08	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50
MW9I	01/30/09	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50
MW9I	04/01/09	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50
MW9I	07/02/09	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50
MW9I	**01/11/10**	**<0.50**	**<0.50**	**<0.50**	**<5.0**	**<0.50**	**<0.50**	**<50**
Grab Groundwater Samples								
WS-02	09/20/88	---	---	---	---	---	---	---
MW-9A	09/20/88	---	---	---	---	---	---	---
WS-10	09/20/88	---	---	---	---	---	---	---
W-Comp	10/26/00	---	---	---	---	---	---	---
W-13-DP1	08/31/07	ND	ND	ND	<10	ND	ND	---
W-15-DP2	08/27/07	ND	ND	ND	<10	ND	ND	---
W-10-DP3	08/28/07	ND	ND	ND	<10	ND	ND	---
W-15-DP3	08/28/07	ND	ND	ND	67	ND	ND	---
W-19-DP6	08/31/07	ND	ND	ND	2,900	ND	ND	---

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

Notes:		
TOC	=	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 liquids.
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.
Metals	=	Metals analyzed using EPA Method 200.7.
µg/L	=	Micrograms per liter.
ND	=	Not detected at or above the stated laboratory detection limit.
<	=	Less than the indicated reporting limit shown by the laboratory.
---	=	Not measured/Not sampled/Not analyzed.
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	=	Analyzed using EPA Method 602.
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 analysis.
h	=	Groundwater elevation data invalidated; analytical results suspect.
i	=	Well sampled using no-purge method.
j	=	Analyzed using DHS Method-LUFT Field Manual.
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.

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

Calscience
Environmental
Laboratories, Inc.

January 22, 2010

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

Subject: **Calscience Work Order No.: 10-01-0790**
Client Reference: ExxonMobil 70238

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 1/13/2010 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: 01/13/10
Work Order No: 10-01-0790
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
MW9B	**10-01-0790-2-A**	**01/11/10 13:23**	**Aqueous**	**GC 25**	**01/15/10**	**01/16/10 05:31**	**100115B02**

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

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	50	1		ug/L
Surrogates:	**REC (%)**	**Control Limits**		**Qual**	
1,4-Bromofluorobenzene	86	38-134			

MW9C	**10-01-0790-3-A**	**01/11/10 13:42**	**Aqueous**	**GC 25**	**01/15/10**	**01/16/10 06:05**	**100115B02**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	100	50	1		ug/L
Surrogates:	**REC (%)**	**Control Limits**		**Qual**	
1,4-Bromofluorobenzene	85	38-134			

MW9D	**10-01-0790-4-A**	**01/11/10 13:55**	**Aqueous**	**GC 25**	**01/15/10**	**01/16/10 06:38**	**100115B02**

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			

MW9I	**10-01-0790-5-A**	**01/11/10 13:30**	**Aqueous**	**GC 25**	**01/15/10**	**01/16/10 07:11**	**100115B02**

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			

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Environmental Resolutions, Inc.		Date Received:	01/13/10
601 North McDowell Blvd.		Work Order No:	10-01-0790
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	**099-12-436-4,246-E**	**N/A**	**Aqueous**	**GC 25**	**01/15/10**	**01/15/10 19:27**	**100115B02**

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:	01/13/10
601 North McDowell Blvd.		Work Order No:	10-01-0790
Petaluma, CA 94954-2312		Preparation:	EPA 5030B
		Method:	EPA 8260B
		Units:	ug/L
Project: ExxonMobil 70238			Page 1 of 1

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW9I	**10-01-0790-5-D**	**01/11/10 13:30**	**Aqueous**	**GC/MS BB**	**01/15/10**	**01/15/10 16:29**	**100115L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Diisopropyl Ether (DIPE)	ND	0.50	1	
Toluene	ND	0.50	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.50	1	
Ethylbenzene	ND	0.50	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.50	1	
Xylenes (total)	ND	0.50	1		Ethanol	ND	50	1	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	1		1,2-Dibromoethane	ND	0.50	1	
Tert-Butyl Alcohol (TBA)	ND	5.0	1		1,2-Dichloroethane	ND	0.50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,2-Dichloroethane-d4	103	80-128			1,4-Bromofluorobenzene	92	68-120		
Dibromofluoromethane	103	80-127			Toluene-d8	99	80-120		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-880-288**	**N/A**	**Aqueous**	**GC/MS BB**	**01/15/10**	**01/15/10 12:02**	**100115L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Diisopropyl Ether (DIPE)	ND	0.50	1	
Toluene	ND	0.50	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.50	1	
Ethylbenzene	ND	0.50	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.50	1	
Xylenes (total)	ND	0.50	1		Ethanol	ND	50	1	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	1		1,2-Dibromoethane	ND	0.50	1	
Tert-Butyl Alcohol (TBA)	ND	5.0	1		1,2-Dichloroethane	ND	0.50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,2-Dichloroethane-d4	95	80-128			1,4-Bromofluorobenzene	90	68-120		
Dibromofluoromethane	94	80-127			Toluene-d8	97	80-120		

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: 01/13/10
Work Order No: 10-01-0790
Preparation: EPA 5030B
Method: EPA 8260B
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
MW9B	**10-01-0790-2-D**	**01/11/10 13:23**	**Aqueous**	**GC/MS BB**	**01/15/10**	**01/15/10 15:03**	**100115L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Diisopropyl Ether (DIPE)	ND	0.50	1	
Toluene	ND	0.50	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.50	1	
Ethylbenzene	ND	0.50	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.50	1	
Xylenes (total)	ND	0.50	1		1,2-Dibromoethane	ND	0.50	1	
Methyl-t-Butyl Ether (MTBE)	2.6	0.50	1		1,2-Dichloroethane	ND	0.50	1	
Tert-Butyl Alcohol (TBA)	5.1	5.0	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,2-Dichloroethane-d4	100	80-128			1,4-Bromofluorobenzene	89	68-120		
Dibromofluoromethane	101	80-127			Toluene-d8	99	80-120		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW9C	**10-01-0790-3-D**	**01/11/10 13:42**	**Aqueous**	**GC/MS BB**	**01/15/10**	**01/15/10 15:32**	**100115L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Diisopropyl Ether (DIPE)	ND	0.50	1	
Toluene	ND	0.50	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.50	1	
Ethylbenzene	ND	0.50	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.50	1	
Xylenes (total)	ND	0.50	1		1,2-Dibromoethane	ND	0.50	1	
Methyl-t-Butyl Ether (MTBE)	110	5.0	10		1,2-Dichloroethane	ND	0.50	1	
Tert-Butyl Alcohol (TBA)	6.4	5.0	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,2-Dichloroethane-d4	101	80-128			1,4-Bromofluorobenzene	92	68-120		
Dibromofluoromethane	98	80-127			Toluene-d8	100	80-120		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW9D	**10-01-0790-4-D**	**01/11/10 13:55**	**Aqueous**	**GC/MS BB**	**01/15/10**	**01/15/10 16:00**	**100115L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Diisopropyl Ether (DIPE)	ND	0.50	1	
Toluene	ND	0.50	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.50	1	
Ethylbenzene	ND	0.50	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.50	1	
Xylenes (total)	ND	0.50	1		1,2-Dibromoethane	ND	0.50	1	
Methyl-t-Butyl Ether (MTBE)	2.6	0.50	1		1,2-Dichloroethane	ND	0.50	1	
Tert-Butyl Alcohol (TBA)	ND	5.0	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,2-Dichloroethane-d4	104	80-128			1,4-Bromofluorobenzene	91	68-120		
Dibromofluoromethane	107	80-127			Toluene-d8	99	80-120		

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: 01/13/10
Work Order No: 10-01-0790
Preparation: EPA 5030B
Method: EPA 8260B
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	**099-12-884-297**	**N/A**	**Aqueous**	**GC/MS BB**	**01/15/10**	**01/15/10 12:02**	**100115L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Diisopropyl Ether (DIPE)	ND	0.50	1	
Toluene	ND	0.50	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.50	1	
Ethylbenzene	ND	0.50	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.50	1	
Xylenes (total)	ND	0.50	1		1,2-Dibromoethane	ND	0.50	1	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	1		1,2-Dichloroethane	ND	0.50	1	
Tert-Butyl Alcohol (TBA)	ND	5.0	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,2-Dichloroethane-d4	95	80-128			1,4-Bromofluorobenzene	90	68-120		
Dibromofluoromethane	94	80-127			Toluene-d8	97	80-120		

Method Blank	**099-12-884-298**	**N/A**	**Aqueous**	**GC/MS BB**	**01/16/10**	**01/16/10 23:46**	**100116L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Diisopropyl Ether (DIPE)	ND	0.50	1	
Toluene	ND	0.50	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.50	1	
Ethylbenzene	ND	0.50	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.50	1	
Xylenes (total)	ND	0.50	1		1,2-Dibromoethane	ND	0.50	1	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	1		1,2-Dichloroethane	ND	0.50	1	
Tert-Butyl Alcohol (TBA)	ND	5.0	1						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,2-Dichloroethane-d4	93	80-128			1,4-Bromofluorobenzene	90	68-120		
Dibromofluoromethane	103	80-127			Toluene-d8	96	80-120		

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: 01/13/10
Work Order No: 10-01-0790
Preparation: EPA 5030B
Method: EPA 8015B (M)

Project ExxonMobil 70238

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
10-01-0901-1	**Aqueous**	**GC 25**	**01/15/10**	**01/15/10**	**100115S02**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	87	87	68-122	0	0-18	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Environmental Resolutions, Inc.	Date Received:	01/13/10
601 North McDowell Blvd.	Work Order No:	10-01-0790
Petaluma, CA 94954-2312	Preparation:	EPA 5030B
	Method:	EPA 8260B

Project ExxonMobil 70238

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
10-01-0801-4	**Aqueous**	**GC/MS BB**	**01/15/10**	**01/15/10**	**100115S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	103	95	76-124	8	0-20	
Toluene	101	100	80-120	1	0-20	
Ethylbenzene	105	102	78-126	4	0-20	
Methyl-t-Butyl Ether (MTBE)	97	98	67-121	1	0-49	
Tert-Butyl Alcohol (TBA)	109	102	36-162	6	0-30	
Diisopropyl Ether (DIPE)	95	96	60-138	1	0-45	
Ethyl-t-Butyl Ether (ETBE)	94	95	69-123	1	0-30	
Tert-Amyl-Methyl Ether (TAME)	97	94	65-120	2	0-20	
Ethanol	113	115	30-180	2	0-72	
1,1-Dichloroethene	97	98	73-127	0	0-20	
1,2-Dibromoethane	101	97	80-120	4	0-20	
1,2-Dichlorobenzene	99	97	80-120	2	0-20	
Carbon Tetrachloride	109	107	74-134	2	0-20	
Chlorobenzene	103	100	80-120	3	0-20	
Trichloroethene	99	99	77-120	1	0-20	
Vinyl Chloride	102	105	72-126	2	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: 01/13/10
Work Order No: 10-01-0790
Preparation: EPA 5030B
Method: EPA 8260B

Project ExxonMobil 70238

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
10-01-0801-4	**Aqueous**	**GC/MS BB**	**01/15/10**	**01/15/10**	**100115S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	103	95	76-124	8	0-20	
Toluene	101	100	80-120	1	0-20	
Ethylbenzene	105	102	78-126	4	0-20	
Methyl-t-Butyl Ether (MTBE)	97	98	67-121	1	0-49	
Tert-Butyl Alcohol (TBA)	109	102	36-162	6	0-30	
Diisopropyl Ether (DIPE)	95	96	60-138	1	0-45	
Ethyl-t-Butyl Ether (ETBE)	94	95	69-123	1	0-30	
Tert-Amyl-Methyl Ether (TAME)	97	94	65-120	2	0-20	
Ethanol	113	115	30-180	2	0-72	
1,1-Dichloroethene	97	98	73-127	0	0-20	
1,2-Dibromoethane	101	97	80-120	4	0-20	
1,2-Dichlorobenzene	99	97	80-120	2	0-20	
Carbon Tetrachloride	109	107	74-134	2	0-20	
Chlorobenzene	103	100	80-120	3	0-20	
Trichloroethene	99	99	77-120	1	0-20	
Vinyl Chloride	102	105	72-126	2	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: 01/13/10
Work Order No: 10-01-0790
Preparation: EPA 5030B
Method: EPA 8260B

Project ExxonMobil 70238

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
10-01-0888-2	**Aqueous**	**GC/MS BB**	**01/16/10**	**01/17/10**	**100116S02**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	114	115	76-124	0	0-20	
Carbon Tetrachloride	118	115	74-134	2	0-20	
Chlorobenzene	112	110	80-120	2	0-20	
1,2-Dibromoethane	105	106	80-120	1	0-20	
1,2-Dichlorobenzene	108	108	80-120	0	0-20	
1,1-Dichloroethene	110	103	73-127	6	0-20	
Ethylbenzene	114	113	78-126	1	0-20	
Toluene	114	114	80-120	1	0-20	
Trichloroethene	110	109	77-120	1	0-20	
Vinyl Chloride	105	53	72-126	66	0-20	4,3
Methyl-t-Butyl Ether (MTBE)	112	95	67-121	15	0-49	
Tert-Butyl Alcohol (TBA)	132	121	36-162	9	0-30	
Diisopropyl Ether (DIPE)	114	102	60-138	12	0-45	
Ethyl-t-Butyl Ether (ETBE)	114	107	69-123	6	0-30	
Tert-Amyl-Methyl Ether (TAME)	105	106	65-120	0	0-20	
Ethanol	141	116	30-180	19	0-72	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Environmental Resolutions, Inc.	Date Received:	N/A
601 North McDowell Blvd.	Work Order No:	10-01-0790
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
099-12-436-4,246	**Aqueous**	**GC 25**	**01/15/10**	**01/15/10**	**100115B02**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	89	89	78-120	0	0-10	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

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

Date Received: N/A
Work Order No: 10-01-0790
Preparation: EPA 5030B
Method: EPA 8260B

Project: ExxonMobil 70238

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-880-288	**Aqueous**	**GC/MS BB**	**01/15/10**	**01/15/10**	**100115L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Benzene	103	102	80-120	73-127	1	0-20	
Toluene	101	101	80-120	73-127	0	0-20	
Ethylbenzene	105	104	80-120	73-127	1	0-20	
Methyl-t-Butyl Ether (MTBE)	95	98	69-123	60-132	3	0-20	
Tert-Butyl Alcohol (TBA)	102	95	63-123	53-133	8	0-20	
Diisopropyl Ether (DIPE)	98	98	59-137	46-150	0	0-37	
Ethyl-t-Butyl Ether (ETBE)	95	98	69-123	60-132	2	0-20	
Tert-Amyl-Methyl Ether (TAME)	97	98	70-120	62-128	1	0-20	
Ethanol	114	105	28-160	6-182	8	0-57	
1,1-Dichloroethene	100	102	78-126	70-134	2	0-28	
1,2-Dibromoethane	99	100	79-121	72-128	1	0-20	
1,2-Dichlorobenzene	100	99	80-120	73-127	1	0-20	
Carbon Tetrachloride	110	113	74-134	64-144	2	0-20	
Chlorobenzene	102	102	80-120	73-127	1	0-20	
Trichloroethene	101	100	79-127	71-135	0	0-20	
Vinyl Chloride	104	106	72-132	62-142	2	0-20	

Total number of LCS compounds : 16
Total number of ME compounds : 0
Total number of ME compounds allowed : 1
LCS ME CL validation result : Pass

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Environmental Resolutions, Inc.	Date Received: N/A
601 North McDowell Blvd.	Work Order No: 10-01-0790
Petaluma, CA 94954-2312	Preparation: EPA 5030B
	Method: EPA 8260B

Project: ExxonMobil 70238

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-884-297	**Aqueous**	**GC/MS BB**	**01/15/10**	**01/15/10**	**100115L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Benzene	103	102	80-120	73-127	1	0-20	
Toluene	101	101	80-120	73-127	0	0-20	
Ethylbenzene	105	104	80-120	73-127	1	0-20	
Methyl-t-Butyl Ether (MTBE)	95	98	69-123	60-132	3	0-20	
Tert-Butyl Alcohol (TBA)	102	95	63-123	53-133	8	0-20	
Diisopropyl Ether (DIPE)	98	98	59-137	46-150	0	0-37	
Ethyl-t-Butyl Ether (ETBE)	95	98	69-123	60-132	2	0-20	
Tert-Amyl-Methyl Ether (TAME)	97	98	70-120	62-128	1	0-20	
Ethanol	114	105	28-160	6-182	8	0-57	
1,1-Dichloroethene	100	102	78-126	70-134	2	0-28	
1,2-Dibromoethane	99	100	79-121	72-128	1	0-20	
1,2-Dichlorobenzene	100	99	80-120	73-127	1	0-20	
Carbon Tetrachloride	110	113	74-134	64-144	2	0-20	
Chlorobenzene	102	102	80-120	73-127	1	0-20	
Trichloroethene	101	100	79-127	71-135	0	0-20	
Vinyl Chloride	104	106	72-132	62-142	2	0-20	

Total number of LCS compounds : 16
Total number of ME compounds : 0
Total number of ME compounds allowed : 1
LCS ME CL validation result : Pass

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

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

Date Received: N/A
Work Order No: 10-01-0790
Preparation: EPA 5030B
Method: EPA 8260B

Project: ExxonMobil 70238

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-884-298	**Aqueous**	**GC/MS BB**	**01/16/10**	**01/16/10**	**100116L02**

Parameter	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Benzene	103	104	80-120	73-127	0	0-20	
Toluene	102	103	80-120	73-127	0	0-20	
Ethylbenzene	106	105	80-120	73-127	1	0-20	
Methyl-t-Butyl Ether (MTBE)	101	97	69-123	60-132	4	0-20	
Tert-Butyl Alcohol (TBA)	90	84	63-123	53-133	6	0-20	
Diisopropyl Ether (DIPE)	106	97	59-137	46-150	9	0-37	
Ethyl-t-Butyl Ether (ETBE)	107	104	69-123	60-132	3	0-20	
Tert-Amyl-Methyl Ether (TAME)	99	100	70-120	62-128	1	0-20	
Ethanol	113	86	28-160	6-182	28	0-57	
1,1-Dichloroethene	104	100	78-126	70-134	5	0-28	
1,2-Dibromoethane	102	102	79-121	72-128	0	0-20	
1,2-Dichlorobenzene	101	103	80-120	73-127	2	0-20	
Carbon Tetrachloride	115	109	74-134	64-144	5	0-20	
Chlorobenzene	103	104	80-120	73-127	1	0-20	
Trichloroethene	103	103	79-127	71-135	0	0-20	
Vinyl Chloride	110	103	72-132	62-142	6	0-20	

Total number of LCS compounds : 16
Total number of ME compounds : 0
Total number of ME compounds allowed : 1
LCS ME CL validation result : Pass

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 10-01-0790

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

CHAIN OF CUSTODY RECORD

6790

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 Boulevard
City/State/Zip: Petaluma, California 94954
Project Manager Paula Sime
Telephone Number: (707) 766-2000
ERI Job Number: 229313X
Sampler Name: (Print)
Sampler Signature:

ExxonMobil Engineer Jennifer C. Sedlachek
Telephone Number (510) 547-8196
Account #:
PO #: 4510813810
Facility ID # 70238
Global ID# T0600101343
Site Address 2200 East 12th Street
City, State Zip Oakland, California

Shipping Method: ☑ 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, TBA, EDB, 1,2-DCA, DIPE.
Set TBA detection limit at or below 12 ug/L.

	Sample ID / Description	DATE	TIME	COMP	GRAB	PRESERV	NUMBER	Matrix: Water	Soil	Vapor	Analyze For: TPHg 8015B	BTEX 8260B	MTBE 8260B	Oxygenates 8260B	Ethanol 8260B
1	QCBB	1-11-10	1357			HCl	2 VOAs	X			H	O	L	D	
	~~MW9A~~					HCl	6 VOAs	X			X	X	X	X	X
2	MW9B		1323			HCl	6 VOAs	X			X	X	X	X	
3	MW9C		1342			HCl	6 VOAs	X			X	X	X	X	
4	MW9D		1355			HCl	6 VOAs	X			X	X	X	X	
~~6~~	MW9F (Not Sampled)					HCl	6 VOAs	X			X	X	X	X	
	MW9G (Not Sampled)					HCl	6 VOAs	X			X	X	X	X	
	MW9H (Not Sampled)					HCl	6 VOAs	X			X	X	X	X	
5	MW9I		1330			HCl	6 VOAs	X			X	X	X	X	X

Relinquished by: Date 1-11-10 Time 1549 Received by: Tom Malley CEC Time 1030 1/12/10

Relinquished by: Date 1-12-10 Time 1730 Received by: Date 1/13/10 Time 1030

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

0790

GSO

< WebShip > > > > >

800-322-5555 www.gso.com

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

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

COD:
$0.00

Reference:
CRA, ERI

Delivery Instructions:

Signature Type:
SIGNATURE REQUIRED

Tracking #: 513366871

NPS

ORC

D

GARDEN GROVE

D92843A

78507700

Print Date : 01/12/10 16:45 PM

Package 1 of 1

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

LABEL INSTRUCTIONS:

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

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

ADDITIONAL OPTIONS:

Send Label Via Email | Create Return Label

TERMS AND CONDITIONS:

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

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 10-01-0790

SAMPLE RECEIPT FORM

Cooler 1 of 1

CLIENT: ERI DATE: 01/13/10

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

Temperature 3.3 °C + 0.5 °C (CF) = 3.8 °C ☐ Blank ☐ Sample

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

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

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

Ambient Temperature: ☐ Air ☐ Filter ☐ Metals Only ☐ PCBs Only **Initial:** RN

CUSTODY SEALS INTACT:

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

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

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

CONTAINER TYPE:

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

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

Air: ☐Tedlar® ☐Summa® **Other:** ☐_____ **Trip Blank Lot#:** ~~Not On~~ RS 1/13/10 **Checked by:** RN

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

Preservative: h: HCL n: HNO3 na_2: $Na_2S_2O_3$ Na: NaOH p: H_3PO_4 s: H_2SO_4 znna: $ZnAc_2$+NaOH f: Field-filtered **Scanned by:** RN

Calscience
Environmental
Laboratories, Inc.

March 18, 2010

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

Subject: **Calscience Work Order No.: 10-03-0432**
Client Reference: ExxonMobil 70238

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 3/5/2010 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.		Date Received:	03/05/10
601 North McDowell Blvd.		Work Order No:	10-03-0432
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
MW9A	**10-03-0432-2-D**	**03/02/10 11:55**	**Aqueous**	**GC 1**	**03/09/10**	**03/10/10 00:02**	**100309B02**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	50	1		ug/L
Surrogates:	**REC (%)**	**Control Limits**		**Qual**	
1,4-Bromofluorobenzene	82	38-134			

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-436-4,490**	**N/A**	**Aqueous**	**GC 1**	**03/09/10**	**03/09/10 20:19**	**100309B02**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	50	1		ug/L
Surrogates:	**REC (%)**	**Control Limits**		**Qual**	
1,4-Bromofluorobenzene	82	38-134			

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Environmental Resolutions, Inc.		Date Received:	03/05/10
601 North McDowell Blvd.		Work Order No:	10-03-0432
Petaluma, CA 94954-2312		Preparation:	EPA 5030B
		Method:	EPA 8260B
		Units:	ug/L
Project: ExxonMobil 70238			Page 1 of 1

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW9A	**10-03-0432-2-A**	**03/02/10 11:55**	**Aqueous**	**GC/MS BB**	**03/12/10**	**03/13/10 07:36**	**100312L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Diisopropyl Ether (DIPE)	ND	0.50	1	
Toluene	ND	0.50	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.50	1	
Ethylbenzene	ND	0.50	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.50	1	
Xylenes (total)	ND	0.50	1		Ethanol	ND	50	1	
Methyl-t-Butyl Ether (MTBE)	40	0.50	1		1,2-Dibromoethane	ND	0.50	1	
Tert-Butyl Alcohol (TBA)	ND	5.0	1		1,2-Dichloroethane	ND	0.50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,2-Dichloroethane-d4	108	80-128			1,4-Bromofluorobenzene	90	68-120		
Dibromofluoromethane	106	80-127			Toluene-d8	97	80-120		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-884-328**	**N/A**	**Aqueous**	**GC/MS BB**	**03/12/10**	**03/13/10 01:00**	**100312L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		Diisopropyl Ether (DIPE)	ND	0.50	1	
Toluene	ND	0.50	1		Ethyl-t-Butyl Ether (ETBE)	ND	0.50	1	
Ethylbenzene	ND	0.50	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.50	1	
Xylenes (total)	ND	0.50	1		Ethanol	ND	50	1	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	1		1,2-Dibromoethane	ND	0.50	1	
Tert-Butyl Alcohol (TBA)	ND	5.0	1		1,2-Dichloroethane	ND	0.50	1	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
1,2-Dichloroethane-d4	110	80-128			1,4-Bromofluorobenzene	88	68-120		
Dibromofluoromethane	103	80-127			Toluene-d8	98	80-120		

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

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Environmental Resolutions, Inc.	Date Received: 03/05/10
601 North McDowell Blvd.	Work Order No: 10-03-0432
Petaluma, CA 94954-2312	Preparation: EPA 5030B
	Method: EPA 8015B (M)

Project ExxonMobil 70238

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
10-03-0592-1	**Aqueous**	**GC 1**	**03/09/10**	**03/10/10**	**100309S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	92	101	68-122	9	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: 03/05/10
Work Order No: 10-03-0432
Preparation: EPA 5030B
Method: EPA 8260B

Project ExxonMobil 70238

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
10-03-0550-8	**Aqueous**	**GC/MS BB**	**03/12/10**	**03/13/10**	**100312S02**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	105	105	76-124	1	0-20	
Carbon Tetrachloride	94	95	74-134	1	0-20	
Chlorobenzene	101	104	80-120	3	0-20	
1,2-Dibromoethane	111	120	80-120	8	0-20	
1,2-Dichlorobenzene	102	100	80-120	2	0-20	
1,1-Dichloroethene	96	96	73-127	1	0-20	
Ethylbenzene	104	104	78-126	1	0-20	
Toluene	103	102	80-120	1	0-20	
Trichloroethene	106	105	77-120	1	0-20	
Vinyl Chloride	97	96	72-126	2	0-20	
Methyl-t-Butyl Ether (MTBE)	94	97	67-121	3	0-49	
Tert-Butyl Alcohol (TBA)	102	104	36-162	2	0-30	
Diisopropyl Ether (DIPE)	89	91	60-138	2	0-45	
Ethyl-t-Butyl Ether (ETBE)	91	94	69-123	3	0-30	
Tert-Amyl-Methyl Ether (TAME)	100	102	65-120	2	0-20	
Ethanol	76	95	30-180	22	0-72	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Environmental Resolutions, Inc.		Date Received:	N/A
601 North McDowell Blvd.		Work Order No:	10-03-0432
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
099-12-436-4,490	**Aqueous**	**GC 1**	**03/09/10**	**03/09/10**	**100309B02**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	98	103	78-120	4	0-10	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Environmental Resolutions, Inc.		Date Received:	N/A
601 North McDowell Blvd.		Work Order No:	10-03-0432
Petaluma, CA 94954-2312		Preparation:	EPA 5030B
		Method:	EPA 8260B

Project: ExxonMobil 70238

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-884-328	**Aqueous**	**GC/MS BB**	**03/12/10**	**03/12/10**	**100312L02**

Parameter	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Benzene	95	102	80-120	73-127	6	0-20	
Toluene	101	106	80-120	73-127	5	0-20	
Ethylbenzene	103	106	80-120	73-127	2	0-20	
Methyl-t-Butyl Ether (MTBE)	102	104	69-123	60-132	2	0-20	
Tert-Butyl Alcohol (TBA)	96	108	63-123	53-133	13	0-20	
Diisopropyl Ether (DIPE)	94	92	59-137	46-150	2	0-37	
Ethyl-t-Butyl Ether (ETBE)	99	96	69-123	60-132	3	0-20	
Tert-Amyl-Methyl Ether (TAME)	95	100	70-120	62-128	5	0-20	
Ethanol	82	100	28-160	6-182	20	0-57	
1,1-Dichloroethene	105	104	78-126	70-134	1	0-28	
1,2-Dibromoethane	111	116	79-121	72-128	5	0-20	
1,2-Dichlorobenzene	99	100	80-120	73-127	1	0-20	
Carbon Tetrachloride	101	103	74-134	64-144	3	0-20	
Chlorobenzene	101	102	80-120	73-127	1	0-20	
Trichloroethene	102	103	79-127	71-135	1	0-20	
Vinyl Chloride	101	100	72-132	62-142	1	0-20	

Total number of LCS compounds : 16
Total number of ME compounds : 0
Total number of ME compounds allowed : 1
LCS ME CL validation result : Pass

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 10-03-0432

Qualifier	Definition
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported without further clarification.
B	Analyte was present in the associated method blank.
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.
	Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture.

Sandy Tat

From: David R. Daniels [ddaniels@ERI-US.com]
Sent: Monday, March 08, 2010 7:47 AM
To: Sandy Tat
Subject: RE: ExxonMobil 70238 (10-03-0432)
Attachments: 20100308074229.pdf

The sampling time for QCBB is not recorded on the technicians filed notes. I do not know the sampling time. It was likely around 13:00.

I wrote in the time for MW9A. Let me know how to proceed with QCBB.

David R. Daniels
Senior Staff Geologist
Environmental Resolutions, Inc.
601 N McDowell Blvd
Petaluma, CA 94954
ddaniels@eri-us.com
www.eri-us.com
707-766-2024-Office
707-338-6997-Cell
707-789-0414-Fax

From: Sandy Tat [mailto:STat@calscience.com]
Sent: Friday, March 05, 2010 4:16 PM
To: David R. Daniels
Subject: ExxonMobil 70238 (10-03-0432)

Hi David,

Please fill the sampling time.

<<10-03-0432.PDF>>

Thanks,

Sandy Tat
Project Manager Assistant
Calscience Environmental Laboratories, Inc.
7440 Lincoln Way
Garden Grove, CA 92841-1427

CHAIN OF CUSTODY RECORD

(0432)

Calscience Environmental Laboratories, Inc.
7440 Lincoln Way
Garden Grove, CA 92841
TEL: (714) 895-5494
FAX: (714) 894-7501

ExxonMobil

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

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

ExxonMobil Engineer: Jennifer C. Sedlachek
Telephone Number: (510) 547-8196
Account #:
PO #: 4510813810
Facility ID #: 70238
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:
7 CA Oxys= MTBE, ETBE, TAME, TBA, EDB, 1,2-DCA, DIPE.
Set TBA detection limit at or below 12 ug/L.

	Sample ID / Description	DATE	TIME	COMP	GRAB	PRESERV	NUMBER	Matrix: Water	Soil	Vapor	Analyze For: TPHg 8015B	BTEX 8260B	MTBE 8260B	Oxygenates 8260B	Ethanol 8260B
1	QCBB	3/2				HCl	2 VOAs	X			H	O	L	D	
2	MW9A	3/2	1155			HCl	6 VOAs	X			X	X	X	X	X

Relinquished by: Danny West Date 3/2/10 Time 13:30 Received by: Tom Malley CEL Time 1045 3/4/10

Relinquished by: Tom Malley TO GSO Date 3/4/10 Time 1730 Received by: Phillip R. CEL GSO Time 11:20 3/5/10

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

CHAIN OF CUSTODY RECORD

(0432)

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 Boulevard
City/State/Zip: Petaluma, California 94954
Project Manager Paula Sime
Telephone Number: (707) 766-2000
ERI Job Number: 229313X
Sampler Name: (Print) Danny West
Sampler Signature:

ExxonMobil Engineer Jennifer C. Sedlachek
Telephone Number (510) 547-8196
Account #:
PO #: 4510813810
Facility ID # 70238
Global ID# T0600101343
Site Address 2200 East 12th Street
City, State Zip Oakland, California

Shipping Method: ☑ 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, TBA, EDB, 1,2-DCA, DIPE.
Set TBA detection limit at or below 12 ug/L.

	Sample ID / Description	DATE	TIME	COMP	GRAB	PRESERV	NUMBER	Matrix: Water	Soil	Vapor	Analyze For: TPHg 8015B	BTEX 8260B	MTBE 8260B	Oxygenates 8260B	Ethanol 8260B
1	QCBB	3/2				HCl	2 VOAs	X			H	O	L	D	
2	MW9A	3/2				HCl	6 VOAs	X			X	X	X	X	X

Relinquished by: Date 3/2/10 Time 13:30 Received by: Tao Malley CSE Time 1045 3/4/10

Relinquished by: Tao Malley TO GSO Date 3/4/10 Time 1730 Received by: GSO Date 3/5/10 Time 11:20

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

(0432)

CSO

< WebShip > > > >

800-322-5555 www.gso.com

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

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

COD:
$0.00

Reference:
ERI

Delivery Instructions:

Signature Type:

Tracking #: 513688350

NPS

ORC

D

GARDEN GROVE

D92843A

79790293

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 10-03-0432

SAMPLE RECEIPT FORM

Cooler 1 of 1

CLIENT: ERI

DATE: 03/05/10

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

Temperature 1.4 °C + 0.5 °C (CF) = 1.9 °C ☑ Blank ☐ Sample

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

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

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

Ambient Temperature: ☐ Air ☐ Filter ☐ Metals Only ☐ PCBs Only Initial: PS

CUSTODY SEALS INTACT:

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

☐ Sample ☐_____ ☐ No (Not Intact) ☑ Not Present Initial: [illegible]

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

CONTAINER TYPE:

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

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

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

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

Preservative: h: HCL n: HNO3 na_2:$Na_2S_2O_3$ Na: NaOH p: H_3PO_4 s: H_2SO_4 znna: $ZnAc_2$+NaOH f: Field-filtered **Scanned by:**

APPENDIX C

FIELD DATA SHEETS

Daily Field Report

Environmental Resolutions, Inc.

VALUE, QUALITY, RESPONSE

Project ID #: 70238 — **ERI Job # 0222932010**

Subject: GW SAMPLING — **Date: 1/11/2010**

Equipment Used: SOLINST/HYDAC/PUMPS/BATTS'S/SAMPLING EQUIPMENT/ETC. — **Sheet: 1**

Name(s): SALGADO, JOSE A

Time Arrived On Site: 1/11/2010 11:00:00 AM **Time Departed Site: 1/11/2010 2:15:00 PM**

11:00	-ARRIVED ON SITE
	-INFORMED STATION OF WORK TO BE DONE
	-SET UP EXCLUSION ZONE AND CHOCKED THE WHEELS ON VEHICLE
	-REVIEWED APPLICABLE JSA'S
	-PERFORMED SPSA FOR: BUMS
	-STARTED PAPERWORK FOR SITE AND LABELS
	-SET UP DECON/WORK AREA AND DECON'D EQUIPMENT
11:00	-HELD H&S MEETING/REVIEWED HOSPITAL ROUTE /FINISHED AT 11:45
11:45	-OPENED WELLS AND ALLOWED WELLS TO CHARGE
12:00	-STARTED MEASURING /FINISHED AT 12:15
12:15	-STARTED PURGING /FINISHED AT 13:00
13:15	-STARTED SAMPLING /FINISHED AT 14:00
	-DECON'D EQUIPMENT/CLEANED UP DECON STATION/LOADED TRUCK
	-BROKE DOWN EXCLUSION ZONE/LOADED TRUCK
Notes:	-Could not sample MW9A do to car intop of well.
14:15	-ERI OFF SITE

*M/P/S 4 WELLS	*M/S 0 WELLS	M/S LOW FLOW 0 WELLS
*MO 0 WELLS	*O/P 0 WELLS	*POTABLE 0 WELLS

*TOOK TWO AT 2:00 PM

TOTAL PURGED GALLONS: 44 DECON WATER GALLONS: 15

DAILY FIELD REPORT

Environmental Resolutions, Inc.

PROJECT: 2-0278 JOB # + ACTIVITY: 229313X

SUBJECT: QM DATE: 1-11-10

EQUIPMENT USED: SHEET: 1 OF 1

NAME: Jose S PROJECT MNGR: PAULA

Onsitee SAFety SUNNY

Checked In STATION.

Open Wells

DTW Wells

purged & Sampled - MW9, I, B, D & C

NOTE: Could NOT Open MW9A DO To CAR INTop OF Well. (MW9 I, B, D, & C I purged & Sampled)

PURGE 4Y
DECON 5
TOTAL 59

OFFSitee
1415

WATER SAMPLING SITE STATUS

Date: 1-11-10

ERI Job Number: 2293 Station No.: 70238 Site Address: 2200 E. 12th ST OAKLAND

Inspected by: Jose

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	
MW9B	ok	ok	ok	ok	ok	ok	N	N	ok						
MW9I	ok	ok	ok	ok	ok	ok	N	N	ok						TABS STRIPPED
MW9D	ok	ok	ok	ok	ok	ok	N	Y	ok						
MW9C	ok	ok	ok	ok	ok	ok	Y	N	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			1ST	2010		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:	1/11/2010					r (squared) x 0.163			
Tech:	JS		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	Prd Thick
MW 9A	17.52		2	2.86					
MW 9B	17.58	5.66	2	1.94	5.98	Y			
MW 9C	16.00	6.17	2	1.60	6.39	Y			
MW 9D	14.76	7.13	4	4.97	7.75	Y			
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	5.18	4	5.54	5.39	Y			

MONITORING - FIELD LOG					
ERI #	2293		QRT	1ST	2010
Client:	ExxonMobil		DATE:	1/11/10	
Site ID:	7-0238		TECH	JS	
ADDRESS:			PM:	Paula	
2200 East 12th St. Oakland, Ca			Total Purge Volume		
		PRG			
WELL #	TIME	VOL	TEMP	COND	pH
BB					
COMMENTS:					
		PRG			
MW9I	TIME	VOL	TEMP	COND	pH
	12:13	6		US	
	12:17	6	19.60	636.00	7.02
	12:20	12	19.30	669.00	7.06
	12:23	18	19.50	687.00	7.07
TOTAL PURGE					
COMMENTS:					
		PRG			
MW9B	TIME	VOL	TEMP	COND	pH
	12:30	2		US	
	12:31	2	20.00	484.00	6.83
	12:32	4	20.50	500.00	6.84
	12:34	6	21.10	516.00	6.89
TOTAL PURGE					
COMMENTS:					
		PRG			
MW9D	TIME	VOL	TEMP	COND	pH
	12:42	5		US	
	12:44	5	17.90	469.00	6.65
	12:47	10	18.40	473.00	6.67
		15			
TOTAL PURGE					
COMMENTS:	DRY@14				
		PRG			
MW9C	TIME	VOL	TEMP	COND	pH
	13:01	2		US	
	13:03	2	20.40	496.00	6.86
	13:04	4	20.80	496.00	6.87
	13:05	6	20.70	495.00	6.92
TOTAL PURGE					
COMMENTS:					

DAILY FIELD REPORT

Environmental Resolutions, Inc.

PROJECT: 70238 JOB # + ACTIVITY: 229313

SUBJECT: QM DATE: 3/2/2010

EQUIPMENT USED: SHEET: 1 OF 1

NAME: Donny West PROJECT MNGR: Paula

Onsite 1040 Overcast w/showers

Safety Meeting

Traffic Control

Opened Wells

DTW

Purged and Sampled - MW9A

Purge 6 gal

Decon 15 gal

Total 21 gal

Offsite 12:10

Daily Field Report

Environmental Resolutions, Inc.

VALUE, QUALITY, RESPONSE

Project ID #: 70238 — **ERI Job # 0222932010**

Subject: GW SAMPLING — **Date: 3/2/2010**

Equipment Used: SOLINST/HYDAC/PUMPS/BATTS'S/SAMPLING EQUIPMENT/ETC. — **Sheet: 1**

Name(s): WEST, DANIEL

Time Arrived On Site: 10:45 — **Time Departed Site: 12:15**

10:45	-ARRIVED ON SITE
	-INFORMED STATION OF WORK TO BE DONE
	-SET UP EXCLUSION ZONE AND CHOCKED THE WHEELS ON VEHICLE
	-REVIEWED APPLICABLE JSA'S
	-PERFORMED SPSA FOR: PINCH POINT
	-STARTED PAPERWORK FOR SITE AND LABELS
	-SET UP DECON/WORK AREA AND DECON'D EQUIPMENT
10:40	-HELD H&S MEETING/REVIEWED HOSPITAL ROUTE /FINISHED AT 11:00
11:10	-OPENED WELLS AND ALLOWED WELLS TO CHARGE
11:20	-STARTED MEASURING /FINISHED AT 11:20
11:25	-STARTED PURGING /FINISHED AT 11:40
11:55	-STARTED SAMPLING /FINISHED AT 11:55
	-DECON'D EQUIPMENT/CLEANED UP DECON STATION/LOADED TRUCK
	-BROKE DOWN EXCLUSION ZONE/LOADED TRUCK
12:15	-ERI OFF SITE

*M/P/S 1 WELLS	*M/S 0 WELLS	M/S LOW FLOW 0 WELLS
*MO 0 WELLS	*O/P 0 WELLS	*POTABLE 0 WELLS

TOTAL PURGED GALLONS: 6

DECON WATER GALLONS: 15

*0 T/C SET UPS

WATER SAMPLING SITE STATUS

Date: 8/2/2010

ERI Job Number: 22933 Station No.: 70238 Site Address: 220 E. 12th St. Oakland, CA

Inspected by: DW

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	2/3	ok	ok	ok	ok	ok	N	ok	ok						* Twisted Dip tube

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).

ERI Groundwater M+S
Depth To Water

Case Volume= $H(r^2 x 0.163)$

H=Height of Water Column in Feet
r=Radius of well casing in inches

Common conversion factors:
2"=0.163, 4"=0.652, 6"=1.457

Project: 229313

Location: 70238

Date: 8/2/2010

Name: DW

WELL ID	WELL DIAMETER	ODOR? SHEEN?	TOTAL DEPTH	Pre-Purge DTW	Depth To PRODUCT	PRODUCT THICKNESS	COMMENTS
MW 9A	2	NO	17.52	5.31			9.77

GROUNDWATER SAMPLING FIELD LOG

Client Name: Exxon Mobil
Location: 70238
Field Crew: DRI

ERI Job #: 2293 13
Field Cleaning Performed:
Analysis:

Date: 3/2 Page 1 of 1

Case Volume = (TD - DTW) x F where F =
0.163 for 2" inside-diameter well casing
0.652 for 4" inside-diamter well casing
1.457 for 6" inside-diamter well casing

Well ID	Time	Case Volume	Purge Volume	Temp	Cond	pH	Post-Purge DTW	80% Recharge	BB	40mil	Amber	DO	ORP	Comments Well Box Condition
MW 9R	11:27	2					6.04	✓		11:55				
	11:29		2	17.3	257.2	6.27								
	11:31		4	17.6	264.5	6.39								
	11:33		6	17.8	274.6	6.63								

APPENDIX D

WASTE DISPOSAL DOCUMENTATION

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. EM-7023E

2. Page 1 of 1

3. Generator's Name and Mailing Address
EM-7023E
2200 East 12th
Oakland, CA

ERI # 2293

4. Generator's Phone ( )

5. Transporter 1 Company Name
ERI

6. US EPA ID Number

A. State Transporter's ID

B. Transporter 1 Phone (707) 766-8621

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Instrat
Hess Airport Rd.
Rio Vista, CA

10. US EPA ID Number
CAD009150599

E. State Facility's ID

F. Facility's Phone
(707) 374-3824

11. WASTE DESCRIPTION	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-Haz purge water	1	poly	59	GAL
b.				
c.				
d.				

G. Additional Descriptions for Materials Listed Above
Colors - Brown
Odors - Ø
Solids - Ø

H. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name | Signature | Date: Month Day Year

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Jose Villegas | Signature | Date: Month 2 Day 2 Year 10

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date: Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Instrat

Printed/Typed Name: Walt Belcher | Signature | Date: Month 2 Day 2 Year 10

GENERATOR

TRANSPORTER

FACILITY

NON-HAZARDOUS WASTE

NON-HAZARDOUS WASTE MANIFEST

Please print or type (Form designed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. ENI-70238

2. Page 1 of 1

3. Generator's Name and Mailing Address ENI-70238
2200 E 12th Street
Oakland CA

ERI # 2293

4. Generator's Phone ( )

5. Transporter 1 Company Name: ERI

6. US EPA ID Number

A. State Transporter's ID

B. Transporter 1 Phone (707) 766-2024

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address
Instrat
1105 E Airport Rd
Rio Vista CA

10. US EPA ID Number
CAD000150599

E. State Facility's ID

F. Facility's Phone (707) 374-3824

11. WASTE DESCRIPTION	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Non-Haz purge water	1	poly	21	GAL
b.				
c.				
d.				

GENERATOR

G. Additional Descriptions for Materials Listed Above
Colors - Brown
Odors - 0
Solids - 0

H. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

NON-HAZARDOUS WASTE

16. **GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name | Signature | Date (Month / Day / Year)

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Danny West | Signature | Date (Month / Day / Year): 3 / 11 / 10

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date (Month / Day / Year)

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Instrat

Printed/Typed Name: Matt Bokler | Signature | Date (Month / Day / Year): 3 / 11 / 10