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

May 3, 2011

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

RE: Former Exxon RAS #70238/2200 East 12th Street, Oakland California.

Dear Ms. Jakub:

Attached for your review and comment is a copy of the letter report entitled ***Semi-Annual Groundwater Monitoring Report, First Quarter 2011,*** dated August 2, 2010, for the above-referenced site. The report was prepared by Cardno ERI of Petaluma, California, and details activities at the subject site.

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

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

Sincerely,

Jennifer C. Sedlachek
Project Manager

Attachment: Cardno ERI's ***Semi-Annual Groundwater Monitoring Report, First Quarter 2011***, dated May 3, 2011

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

w/o attachment
Ms. Paula Sime, Cardno ERI

Cardno ERI
Shaping the Future

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May 3, 2011
Cardno ERI 229311.Q111

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

SUBJECT **Semi-Annual Groundwater Monitoring Report, First Quarter 2011**
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 Exxon Mobil Corporation, Cardno ERI performed first quarter 2011 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:		03/10/11
Wells gauged and sampled:		MW9A through MW9D, MW9I
Presence of NAPL:		Not observed
Laboratory:		Calscience Environmental Laboratories, Inc. Garden Grove, California
Analyses performed:	EPA Method 8015B	TPHd (select samples)
	EPA Method 8015B	TPHg
	EPA Method 8260B	BTEX, MTBE, ETBE, DIPE, TAME, 1,2-DCA, EDB, TBA
	EPA Method 8260B	Ethanol (select samples)
	EPA Method 1664A	HEM: Oil and Grease (select samples)
Waste disposal:		73 gallons of purge and decon water delivered to InStrat, Inc., of Rio Vista, California, on 04/01/11

REMEDIATION SYSTEM SUMMARY

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

Dual-Phase Extraction System

Environmental Resolutions, Inc. (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 with the exception of a reoccurrence of TBA in well MW9I at 23 µg/L. TBA was most recently reported in 2007 in well MW9I.

Off-site monitoring wells MW9F, MW9G, and MW9H are located in the City of Oakland right-of-way and are currently inaccessible. Cardno ERI will continue to pursue access to wells MW9F, MW9G, and MW9H with the City of Oakland.

LIMITATIONS

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

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

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

Sincerely,

Jennifer L. Lacy
Senior Staff Scientist
for Cardno ERI
707 766 2000
Email: jennifer.lacy@cardno.com

Heidi L. Dieffenbach-Carle
P.G. 6793
for Cardno ERI
707 766 2000
Email: heidi.dieffenbach-carle@cardno.com

Enclosures:

Acronym List

Plate 1	Site Vicinity Map
Plate 2	Select Analytical Results
Plate 3	Groundwater Elevation Map
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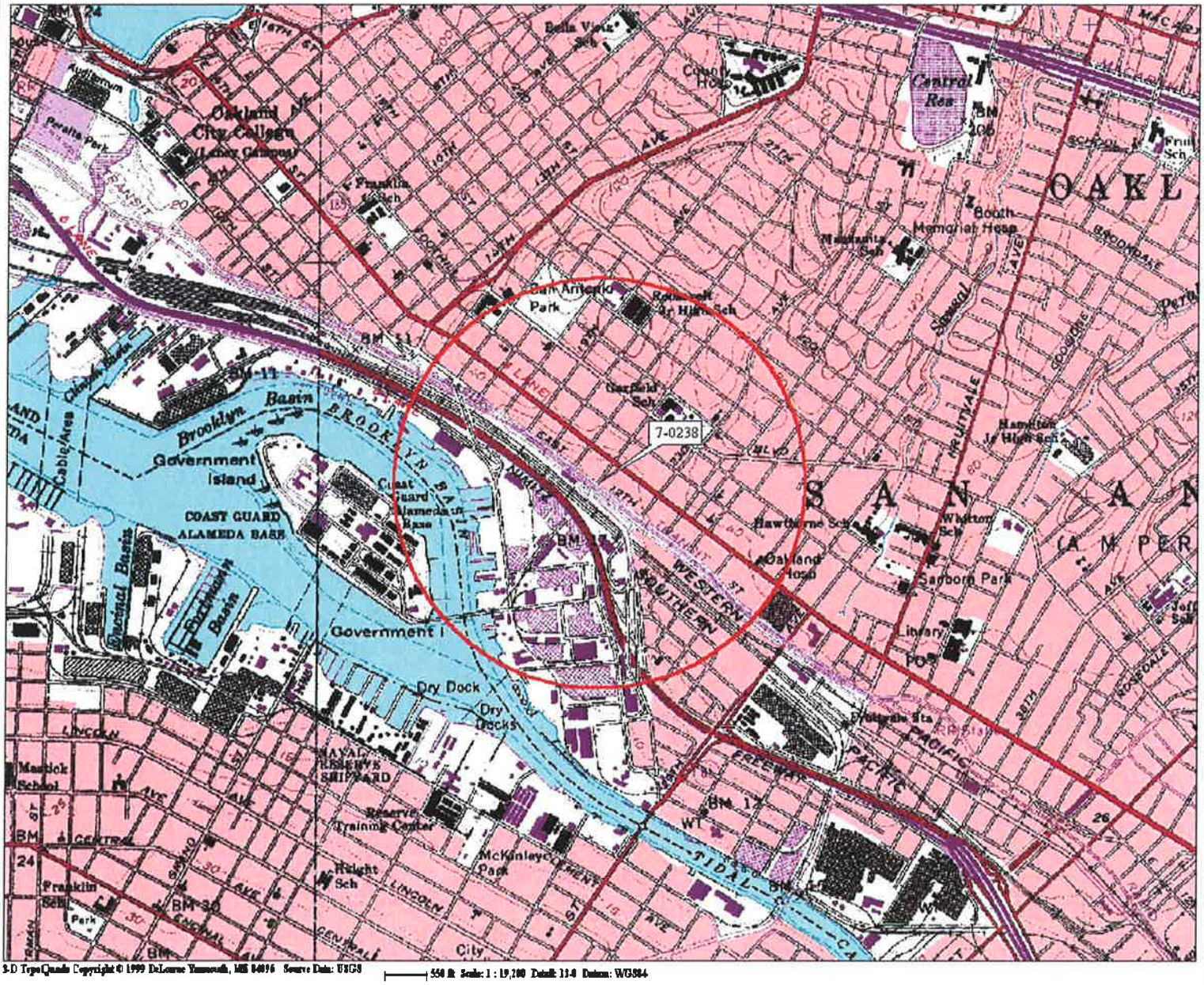
Table 1B	Additional Cumulative Groundwater Monitoring and Sampling Data
Table 2	Well Construction Details
Appendix A	Groundwater Sampling Protocol
Appendix B	Laboratory Analytical Reports and Chain-of-Custody Records
Appendix C	Field Data Sheets
Appendix D	Waste Disposal Documentation

cc: 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

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



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

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

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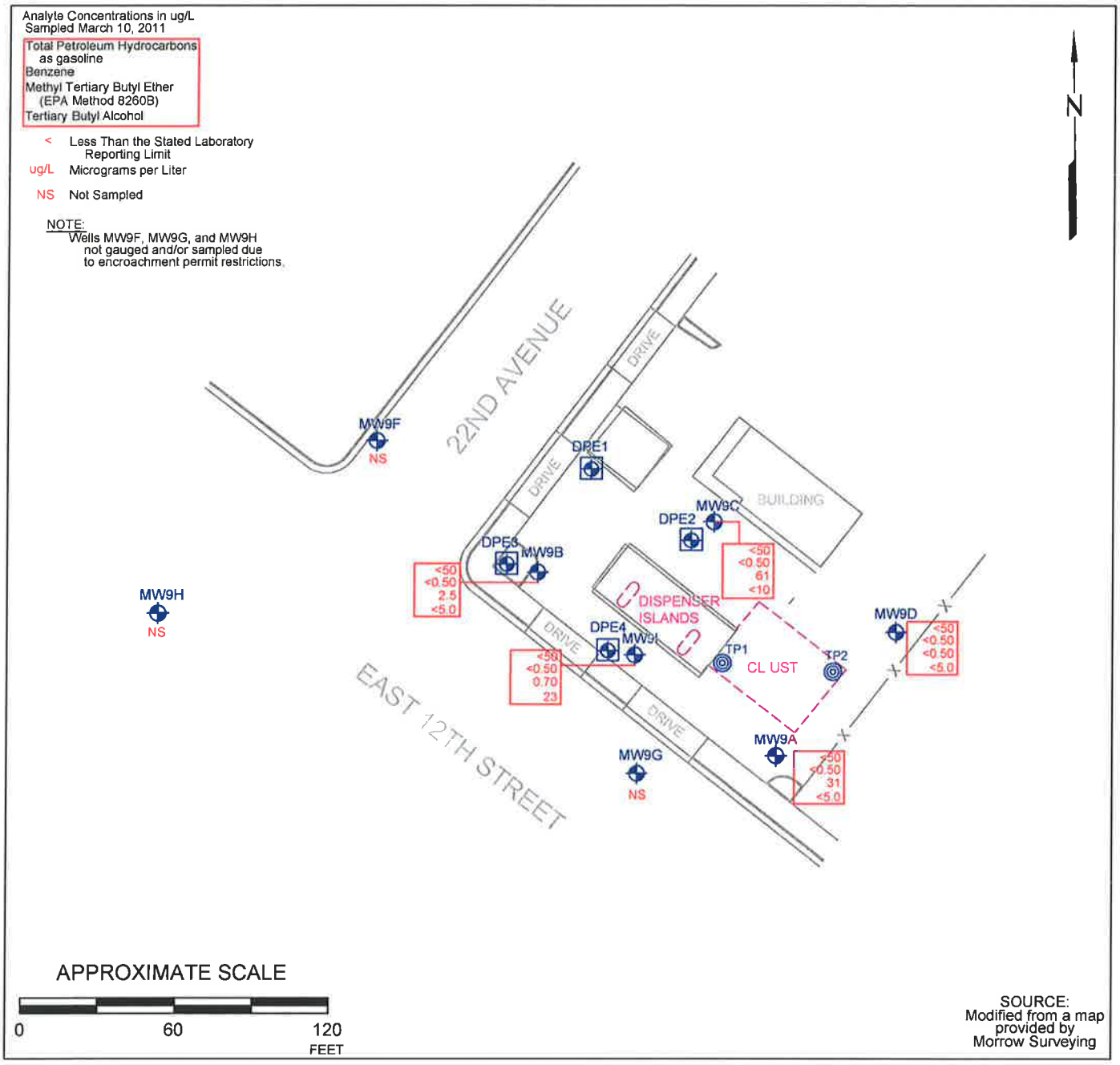
SITE VICINITY MAP

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

PROJECT NO.
2293

PLATE
1



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EXPLANATION

MW9I
Groundwater Monitoring Well

DPE4
Dual-Phase Extraction Well

TP2
Tank Pit Well

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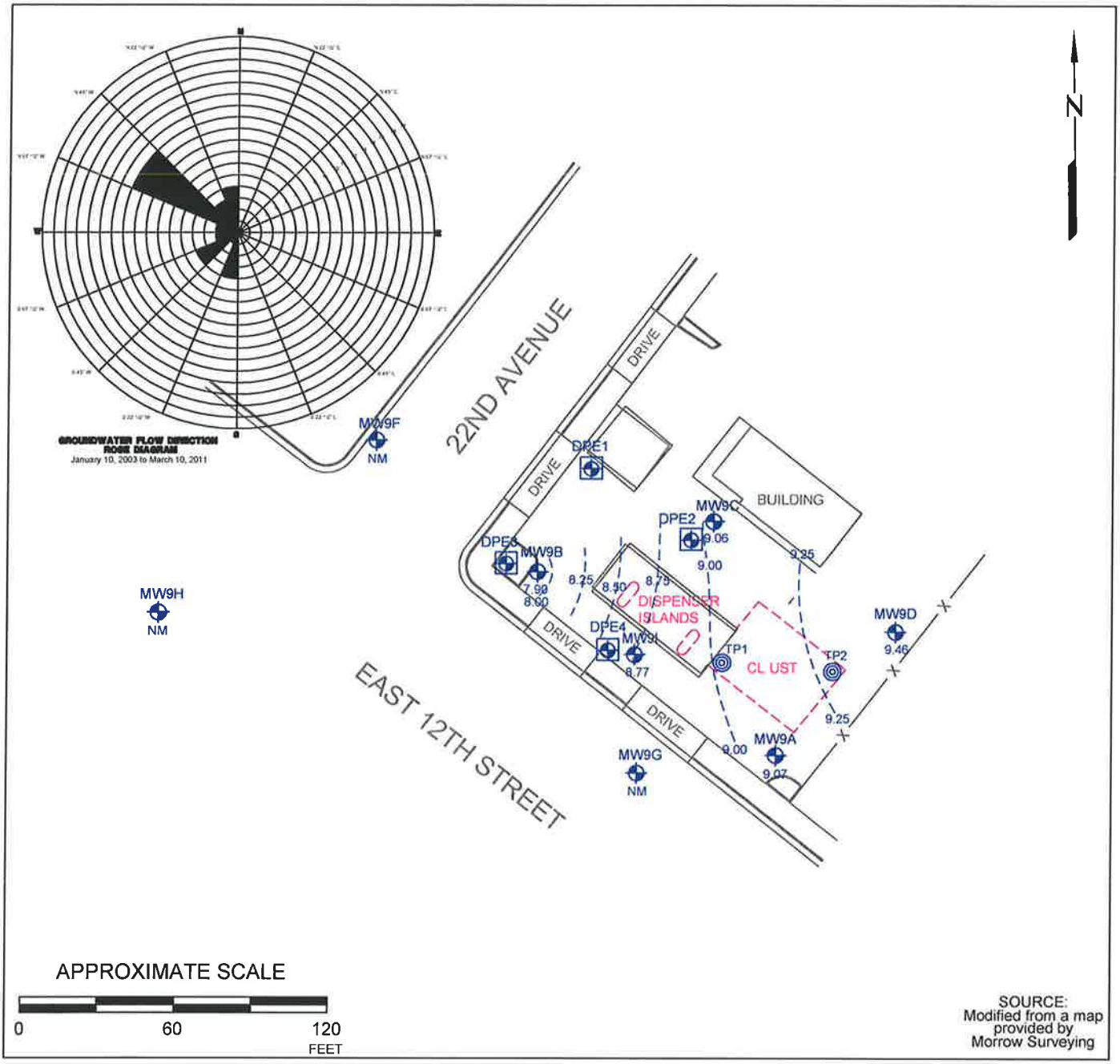
SELECT ANALYTICAL RESULTS
March 10, 2011

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

PROJECT NO. 2293

PLATE 2



FN: 2293 11 1QTR_QM

EXPLANATION

MW9I
Groundwater Monitoring Well

8.77 Groundwater elevation in feet; datum is mean sea level

DPE4
Dual-Phase Extraction Well

TP2
Tank Pit Well

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

NM Not Measured

NOTE:
Wells MW9F, MW9G, and MW9H not gauged and/or sampled due to encroachment permit restrictions.

Cardno ERI
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GROUNDWATER ELEVATION MAP
March 10, 2011

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
MW9A	08/17/01 c	14.53	6.61	7.92	---	---	---	---	---	---	---	---

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	10/11/01	14.53	7.03	7.50	No	<50	1,700	---	<0.5	<0.5	<0.5	<0.5
MW9A	10/11/01	14.51	Well surveyed in compliance with AB2886 requirements.									
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
MW9A	07/01/10	14.51	6.13	8.38	No	53m	---	59	<0.50	<0.50	<0.50	<1.0
MW9A	**03/10/11**	**14.51**	**5.44**	**9.07**	**No**	**<50**	**---**	**31**	**<0.50**	**<0.50**	**<0.50**	**<1.0**

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

Well ID	Sampling Date	TOC Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW9B	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.									
MW9B	01/11/02	12.84	5.16	7.68	No	9,170e	14,600e	---	66.0e	<10.0	54.0	<10.0

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

Well ID	Sampling Date	TOC Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	TPHg (µg/L)	MTBE 8021B (µg/L)	MTBE 8260B (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW9B	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
MW9B	07/01/10	12.84	5.58	7.26	No	<50	---	1.1	<0.50	<0.50	<0.50	<1.0
MW9B	**03/10/11**	**12.84**	**4.94**	**7.90**	**No**	**<50**	**---**	**2.5**	**<0.50**	**<0.50**	**<0.50**	**<1.0**
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
MW9C	04/09/03	14.16	6.08	8.08	No	24,700	29,600	---	<5.00	<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)
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
MW9C	07/01/10	14.16	6.27	7.89	No	72m	---	85	<0.50	<0.50	<0.50	<1.0
MW9C	**03/10/11 n**	**14.16**	**5.10**	**9.06**	**No**	**<50**	**---**	**61**	**<0.50**	**<0.50**	**<0.50**	**<1.0**
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
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	08/26/93	101.46 I	8.30	93.16	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9D	11/04/93	101.46 I	8.33	93.13	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9D	02/04/94	101.46 I	7.66	93.80	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9D	05/31/94	101.46 I	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.									
MW9D	12/13/04	15.97	5.39	10.58	No	379	---	353	4.80	0.7	<0.5	0.9

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	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
MW9D	07/01/10	15.97	7.62	8.35	No	<50	---	0.92	<0.50	<0.50	<0.50	<1.0
MW9D	**03/10/11**	**15.97**	**6.51**	**9.46**	**No**	**<50**	**---**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**
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 l	5.86	91.10	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9F	11/04/93	96.96 l	5.96	91.00	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9F	02/04/94	96.96 l	5.68	91.28	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9F	05/31/94	96.96 l	5.76	91.20	---	---	---	---	<0.5	<0.5	<0.5	<0.5
MW9F	10/26/94	8.37	5.96	2.41	---	---	---	---	<0.5	<0.5	<0.5	<0.5
MW9F	05/15/95	8.37	5.52	2.85	---	---	---	---	<0.5	<0.5	<0.5	<0.5
MW9F	11/02/95	8.37	6.60	1.77	---	---	---	---	---	---	---	---
MW9F	04/26/96	8.37	6.50	1.87	No	<50	57	---	<0.5	<0.5	<0.5	<0.5
MW9F	08/22/96	8.37	5.74	2.63	No	<50	5.8	---	<0.5	<0.5	<0.5	<0.5
MW9F	02/24/97	8.37	---	---	No	<50	<30	---	<0.5	<0.5	<0.5	<0.5
MW9F	03/16/98	8.37	---	---	No	---	---	---	---	---	---	---
MW9F	04/21/98	8.37	---	---	---	---	---	---	---	---	---	---
MW9F	07/22/98	11.38	---	---	---	---	---	---	---	---	---	---
MW9F	12/22/98	11.38	5.47	5.91	No	<50	81	---	<0.5	<0.5	<0.5	<0.5
MW9F	02/26/99	11.38	5.35	6.03	No	<50	<2.5	---	<0.5	<0.5	<0.5	<0.5
MW9F	05/18/99	11.38	5.62	5.76	No	<50	61.6	---	<0.5	<0.5	<0.5	<0.5
MW9F	08/03/99	11.38	6.32	5.06	No	<50	3.10	---	<0.5	<0.5	<0.5	<0.5
MW9F	12/03/99	11.38	5.59	5.79	No	<50	<2	---	<0.5	<0.5	0.71	<0.5
MW9F	02/29/00	11.38	4.70	6.68	No	<50	52	---	<0.5	<0.5	<0.5	<0.5
MW9F	05/18/00	11.38	5.37	6.01	No	<50	65	---	<0.5	<0.5	<0.5	<0.5
MW9F	07/24/00	11.38	5.65	5.73	No	<50	170	---	<0.5	<0.5	<0.5	<0.5
MW9F	10/09/00	11.38	5.71	5.67	No	<50	170	---	<0.5	<0.5	<0.5	<0.5
MW9F	01/10/01	11.38	4.30	7.08	No	<50	140	---	<0.5	<0.5	<0.5	<0.5
MW9F	04/10/01	11.38	5.20	6.18	No	<50	50	---	<0.5	<0.5	<0.5	<0.5
MW9F	07/12/01	11.38	---	---	No	<50	190	---	<0.5	<0.5	<0.5	<0.5
MW9F	08/17/01	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
MW9F	08/30/04	11.38	h	h	h	<50.0h	--	14.0h	<0.50h	<0.5h	<0.5h	<0.5h

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	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
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

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	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
MW9H	02/05/92	97.14 l	7.70	89.44	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9H	05/05/92	97.14 l	8.12	89.02	---	<50	---	---	<0.5	<0.5	<0.5	<0.5
MW9H	09/14/92	97.14 l	---	---	---	---	---	---	---	---	---	---

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	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
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

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	01/06/04	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
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

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	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
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

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	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
MW9I	07/01/10	13.13	5.36	7.77	No	<50	---	<0.50	<0.50	<0.50	<0.50	<1.0
MW9I	**03/10/11**	**13.13**	**4.36**	**8.77**	**No**	**<50**	**---**	**0.70**	**<0.50**	**<0.50**	**<0.50**	**<1.0**
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.
m	=	Hydrocarbon pattern does not resemble the pattern of the specified standard.
n	=	TPHd and HEM: Oil and Grease detected in groundwater samples at concentrations of 85 µg/L (m) and 1.5 µg/L, respectively.

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
MW9A	07/01/10	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<50
MW9A	**03/10/11**	**<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	---
MW9B	07/01/10	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	---
MW9B	**03/10/11**	**<0.50**	**<0.50**	**<0.50**	**<5.0**	**<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	---

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	01/10/03	---	---	---	---	---	---	---
MW9C	04/09/03	---	---	---	---	---	---	---
MW9C	07/22/03	---	---	---	---	---	---	---
MW9C	10/01/03	<0.50	<0.50	2.70	38,400	<0.50	<0.50	---
MW9C	01/06/04	<0.50	<0.50	2.50	90,700	0.80	<0.50	---
MW9C	06/07/04	---	---	---	---	---	---	<50.0
MW9C	08/30/04	---	---	---	---	---	---	<50.0
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	---
MW9C	07/01/10	<1.0	<1.0	<1.0	<10	<1.0	<1.0	---
MW9C	**03/10/11**	**<1.0**	**<1.0**	**<1.0**	**<10**	**<1.0**	**<1.0**	**---**
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	---	---	---	---	---	---	---

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	10/01/03	<0.50	<0.50	<0.50	235	<0.50	<0.50	---
MW9D	01/06/04	<0.50	<0.50	<0.50	51.8	<0.50	<0.50	---
MW9D	06/07/04	---	---	---	---	---	---	<50.0
MW9D	08/30/04 h	---	---	---	---	---	---	---
MW9D	12/13/04	---	---	---	---	---	---	---
MW9D	03/14/05	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	<50.0
MW9D	06/08/05	<0.50	<0.50	<0.50	57.8	<0.50	<0.50	<100
MW9D	09/01/05	---	---	---	---	---	---	---
MW9D	12/09/05	---	---	---	---	---	---	---
MW9D	12/30/05	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	---
MW9D	07/01/10	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	---
MW9D	**03/10/11**	**<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	---	---	---	---	---	---	---

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	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
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.						

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

Well ID	Sampling Date	EDB (µg/L)	1,2-DCA (µg/L)	TAME (µg/L)	TBA (µg/L)	ETBE (µg/L)	DIPE (µg/L)	Ethanol (µg/L)
MW9H	12/06/88 - 10/19/90	Not analyzed for these analytes.						
MW9H	11/02/95	<50	<10	---	---	---	<0.5	<0.5
MW9H	04/26/96 - 07/12/02	Not analyzed for these analytes.						
MW9H	10/11/02	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	---
MW9H	01/10/03	---	---	---	---	---	---	---
MW9H	04/09/03	---	---	---	---	---	---	---
MW9H	07/22/03	---	---	---	---	---	---	---
MW9H	10/01/03	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	---
MW9H	01/06/04	<0.50	<0.50	<0.50	<10.0	<0.50	<0.50	---
MW9H	06/07/04	---	---	---	---	---	---	<50.0
MW9H	08/30/04	---	---	---	---	---	---	<50.0
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	---	---	---	---	---	---	---

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

Well ID	Sampling Date	EDB (µg/L)	1,2-DCA (µg/L)	TAME (µg/L)	TBA (µg/L)	ETBE (µg/L)	DIPE (µg/L)	Ethanol (µg/L)
MW9I	12/30/05	---	---	---	---	---	---	---
MW9I	03/07/06	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<100
MW9I	06/26/06	---	---	---	---	---	---	<100
MW9I	09/25/06	<0.500	<0.500	<0.500	10,300	<0.500	<0.500	<50.0
MW9I	12/15/06	<0.50	<0.50	<0.50	730	<0.50	<0.50	<100
MW9I	03/29/07	<0.500	<0.500	<0.500	632	<0.500	<0.500	<50.0
MW9I	06/12/07	<0.50	<0.50	<0.50	140	<0.50	<0.50	---
MW9I	08/23/07	<0.50	<0.50	<0.50	90	<0.50	<0.50	<100
MW9I	11/27/07	<0.50	<0.50	<0.50	15	<0.50	<0.50	<100
MW9I	02/01/08	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<100
MW9I	05/19/08	<0.50	<0.50	<0.50	<10	<0.50	<0.50	<100
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
MW9I	07/01/10	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	---
MW9I	**03/10/11**	**<0.50**	**<0.50**	**<0.50**	**23**	**<0.50**	**<0.50**	**---**
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.
m	=	Hydrocarbon pattern does not resemble the pattern of the specified standard.
n	=	TPHd and HEM: Oil and Grease detected in groundwater samples at concentrations of 85 µg/L (m) and 1.5 µg/L, respectively.

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 REPORT AND CHAIN-OF-CUSTODY RECORD

Calscience Environmental Laboratories, Inc.

March 28, 2011

RECEIVED
MAR 30 2011
BY:

Paula Sime
Cardno ERI
601 North McDowell Blvd.
Petaluma, CA 94954-2312

Subject: **Calscience Work Order No.: 11-03-0963**
Client Reference: ExxonMobil 70238 / 022293

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 3/12/2011 and analyzed in accordance with the attached chain-of-custody.

Calscience Environmental Laboratories certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the case narrative. The original report of subcontracted analysis, if any, is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

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

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

Sincerely,

Cecile deGuia

Calscience Environmental
Laboratories, Inc.
Cecile deGuia
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

Cardno ERI		Date Received:	03/12/11
601 North McDowell Blvd.		Work Order No:	11-03-0963
Petaluma, CA 94954-2312		Preparation:	N/A
		Method:	EPA 1664A

Project: ExxonMobil 70238 / 022293 — Page 1 of 1

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-6-MW9C	**11-03-0963-4-I**	**03/10/11 12:30**	**Aqueous**	**N/A**	**03/16/11**	**03/16/11 19:00**	**B0316HEML1**

Parameter	Result	RL	DF	Qual	Units
HEM: Oil and Grease	1.5	1.0	1		mg/L

Method Blank	099-05-119-2,722	N/A	Aqueous	N/A	03/16/11	03/16/11 19:00	B0316HEML1

Parameter	Result	RL	DF	Qual	Units
HEM: Oil and Grease	ND	1.0	1	U	mg/L

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Cardno ERI		Date Received:	03/12/11
601 North McDowell Blvd.		Work Order No:	11-03-0963
Petaluma, CA 94954-2312		Preparation:	EPA 3510C
		Method:	EPA 8015B (M)

Project: ExxonMobil 70238 / 022293 — Page 1 of 1

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-6-MW9C	**11-03-0963-4-J**	**03/10/11 12:30**	**Aqueous**	**GC 45**	**03/14/11**	**03/14/11 11:45**	**110314B03S**

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.
-The sample extract was subjected to Silica Gel treatment prior to analysis.

Parameter	Result	RL	DF	Qual	Units
TPH as Diesel	85	50	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	105	68-140	

Method Blank	099-12-330-1,828	N/A	Aqueous	GC 45	03/14/11	03/14/11 10:29	110314B03S

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

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	105	68-140	

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Cardno ERI		Date Received:	03/12/11
601 North McDowell Blvd.		Work Order No:	11-03-0963
Petaluma, CA 94954-2312		Preparation:	EPA 5030C
		Method:	EPA 8015B (M)

Project: ExxonMobil 70238 / 022293

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-7-MW9A	**11-03-0963-2-E**	**03/10/11 11:40**	**Aqueous**	**GC 18**	**03/14/11**	**03/14/11 15:24**	**110314B01**

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

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

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-7-MW9B	**11-03-0963-3-E**	**03/10/11 11:05**	**Aqueous**	**GC 18**	**03/14/11**	**03/14/11 16:01**	**110314B01**

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

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

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-6-MW9C	**11-03-0963-4-E**	**03/10/11 12:30**	**Aqueous**	**GC 18**	**03/14/11**	**03/14/11 16:39**	**110314B01**

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

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

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-7-MW9D	**11-03-0963-5-E**	**03/10/11 11:55**	**Aqueous**	**GC 18**	**03/14/11**	**03/14/11 17:16**	**110314B01**

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

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	81	38-134	

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Cardno ERI		Date Received:	03/12/11
601 North McDowell Blvd.		Work Order No:	11-03-0963
Petaluma, CA 94954-2312		Preparation:	EPA 5030C
		Method:	EPA 8015B (M)

Project: ExxonMobil 70238 / 022293

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-5-MW9I	**11-03-0963-6-E**	**03/10/11 10:10**	**Aqueous**	**GC 18**	**03/14/11**	**03/14/11 17:53**	**110314B01**

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

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

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-436-5,975**	**N/A**	**Aqueous**	**GC 18**	**03/14/11**	**03/14/11 09:10**	**110314B01**

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

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

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Cardno ERI		Date Received:	03/12/11
601 North McDowell Blvd.		Work Order No:	11-03-0963
Petaluma, CA 94954-2312		Preparation:	EPA 5030C
		Method:	EPA 8021B
		Units:	ug/L

Project: ExxonMobil 70238 / 022293

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-7-MW9A	**11-03-0963-2-F**	**03/10/11 11:40**	**Aqueous**	**GC 21**	**03/16/11**	**03/16/11 13:49**	**110316B01**

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

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-7-MW9B	**11-03-0963-3-F**	**03/10/11 11:05**	**Aqueous**	**GC 21**	**03/16/11**	**03/16/11 14:23**	**110316B01**

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

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-6-MW9C	**11-03-0963-4-F**	**03/10/11 12:30**	**Aqueous**	**GC 21**	**03/16/11**	**03/16/11 16:06**	**110316B01**

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

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-7-MW9D	**11-03-0963-5-F**	**03/10/11 11:55**	**Aqueous**	**GC 21**	**03/16/11**	**03/16/11 16:40**	**110316B01**

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

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-5-MW9I	**11-03-0963-6-F**	**03/10/11 10:10**	**Aqueous**	**GC 21**	**03/16/11**	**03/16/11 17:14**	**110316B01**

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

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Cardno ERI		Date Received:	03/12/11
601 North McDowell Blvd.		Work Order No:	11-03-0963
Petaluma, CA 94954-2312		Preparation:	EPA 5030C
		Method:	EPA 8021B
		Units:	ug/L

Project: ExxonMobil 70238 / 022293

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-667-1,095**	**N/A**	**Aqueous**	**GC 21**	**03/16/11**	**03/16/11 10:15**	**110316B01**

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

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	106	70-130	

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Cardno ERI		Date Received:	03/12/11
601 North McDowell Blvd.		Work Order No:	11-03-0963
Petaluma, CA 94954-2312		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/L

Project: ExxonMobil 70238 / 022293 — Page 1 of 1

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-7-MW9A	**11-03-0963-2-B**	**03/10/11 11:40**	**Aqueous**	**GC/MS BB**	**03/17/11**	**03/17/11 19:15**	**110317L04**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Methyl-t-Butyl Ether (MTBE)	31	0.50	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.50	1	U
Tert-Butyl Alcohol (TBA)	ND	5.0	1	U	Ethanol	ND	50	1	U
Diisopropyl Ether (DIPE)	ND	0.50	1	U	1,2-Dibromoethane	ND	0.50	1	U
Ethyl-t-Butyl Ether (ETBE)	ND	0.50	1	U	1,2-Dichloroethane	ND	0.50	1	U
Surrogates:	REC (%)	Control Limits	Qual		Surrogates:	REC (%)	Control Limits	Qual	
1,2-Dichloroethane-d4	102	80-128			1,4-Bromofluorobenzene	83	68-120		
Dibromofluoromethane	102	80-127			Toluene-d8	80	80-120		

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-880-592**	**N/A**	**Aqueous**	**GC/MS BB**	**03/17/11**	**03/17/11 13:56**	**110317L04**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Methyl-t-Butyl Ether (MTBE)	ND	0.50	1	U	Tert-Amyl-Methyl Ether (TAME)	ND	0.50	1	U
Tert-Butyl Alcohol (TBA)	ND	5.0	1	U	Ethanol	ND	50	1	U
Diisopropyl Ether (DIPE)	ND	0.50	1	U	1,2-Dibromoethane	ND	0.50	1	U
Ethyl-t-Butyl Ether (ETBE)	ND	0.50	1	U	1,2-Dichloroethane	ND	0.50	1	U
Surrogates:	REC (%)	Control Limits	Qual		Surrogates:	REC (%)	Control Limits	Qual	
1,2-Dichloroethane-d4	105	80-128			1,4-Bromofluorobenzene	83	68-120		
Dibromofluoromethane	102	80-127			Toluene-d8	83	80-120		

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Cardno ERI		Date Received:	03/12/11
601 North McDowell Blvd.		Work Order No:	11-03-0963
Petaluma, CA 94954-2312		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/L
Project: ExxonMobil 70238 / 022293			Page 1 of 2

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-7-MW9B	**11-03-0963-3-A**	**03/10/11 11:05**	**Aqueous**	**GC/MS BB**	**03/16/11**	**03/16/11 21:45**	**110316L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Methyl-t-Butyl Ether (MTBE)	2.5	0.50	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.50	1	U
Tert-Butyl Alcohol (TBA)	ND	5.0	1	U	1,2-Dibromoethane	ND	0.50	1	U
Diisopropyl Ether (DIPE)	ND	0.50	1	U	1,2-Dichloroethane	ND	0.50	1	U
Ethyl-t-Butyl Ether (ETBE)	ND	0.50	1	U					

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
Dibromofluoromethane	105	80-127		1,4-Bromofluorobenzene	89	68-120	
1,2-Dichloroethane-d4	113	80-128		Toluene-d8	82	80-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-6-MW9C	**11-03-0963-4-B**	**03/10/11 12:30**	**Aqueous**	**GC/MS BB**	**03/17/11**	**03/17/11 19:44**	**110317L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Methyl-t-Butyl Ether (MTBE)	61	1.0	2		Tert-Amyl-Methyl Ether (TAME)	ND	1.0	2	U
Tert-Butyl Alcohol (TBA)	ND	10	2	U	1,2-Dibromoethane	ND	1.0	2	U
Diisopropyl Ether (DIPE)	ND	1.0	2	U	1,2-Dichloroethane	ND	1.0	2	U
Ethyl-t-Butyl Ether (ETBE)	ND	1.0	2	U					

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,2-Dichloroethane-d4	104	80-128		1,4-Bromofluorobenzene	81	68-120	
Toluene-d8	81	80-120		Dibromofluoromethane	99	80-127	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-7-MW9D	**11-03-0963-5-A**	**03/10/11 11:55**	**Aqueous**	**GC/MS BB**	**03/16/11**	**03/16/11 22:43**	**110316L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Methyl-t-Butyl Ether (MTBE)	ND	0.50	1	U	Tert-Amyl-Methyl Ether (TAME)	ND	0.50	1	U
Tert-Butyl Alcohol (TBA)	ND	5.0	1	U	1,2-Dibromoethane	ND	0.50	1	U
Diisopropyl Ether (DIPE)	ND	0.50	1	U	1,2-Dichloroethane	ND	0.50	1	U
Ethyl-t-Butyl Ether (ETBE)	ND	0.50	1	U					

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,2-Dichloroethane-d4	109	80-128		1,4-Bromofluorobenzene	84	68-120	
Dibromofluoromethane	104	80-127		Toluene-d8	81	80-120	

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

Calscience Environmental Laboratories, Inc.

Analytical Report

Cardno ERI		Date Received:	03/12/11
601 North McDowell Blvd.		Work Order No:	11-03-0963
Petaluma, CA 94954-2312		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/L

Project: ExxonMobil 70238 / 022293

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-5-MW9I	**11-03-0963-6-A**	**03/10/11 10:10**	**Aqueous**	**GC/MS BB**	**03/16/11**	**03/16/11 23:12**	**110316L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Methyl-t-Butyl Ether (MTBE)	0.70	0.50	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.50	1	U
Tert-Butyl Alcohol (TBA)	23	5.0	1		1,2-Dibromoethane	ND	0.50	1	U
Diisopropyl Ether (DIPE)	ND	0.50	1	U	1,2-Dichloroethane	ND	0.50	1	U
Ethyl-t-Butyl Ether (ETBE)	ND	0.50	1	U					

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	83	68-120		Dibromofluoromethane	100	80-127	
Toluene-d8	83	80-120		1,2-Dichloroethane-d4	104	80-128	

Method Blank	099-12-884-551	N/A	Aqueous	GC/MS BB	03/16/11	03/16/11 17:53	110316L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Methyl-t-Butyl Ether (MTBE)	ND	0.50	1	U	Tert-Amyl-Methyl Ether (TAME)	ND	0.50	1	U
Tert-Butyl Alcohol (TBA)	ND	5.0	1	U	1,2-Dibromoethane	ND	0.50	1	U
Diisopropyl Ether (DIPE)	ND	0.50	1	U	1,2-Dichloroethane	ND	0.50	1	U
Ethyl-t-Butyl Ether (ETBE)	ND	0.50	1	U					

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,2-Dichloroethane-d4	109	80-128		1,4-Bromofluorobenzene	84	68-120	
Dibromofluoromethane	102	80-127		Toluene-d8	84	80-120	

Method Blank	099-12-884-552	N/A	Aqueous	GC/MS BB	03/17/11	03/17/11 13:56	110317L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Methyl-t-Butyl Ether (MTBE)	ND	0.50	1	U	Tert-Amyl-Methyl Ether (TAME)	ND	0.50	1	U
Tert-Butyl Alcohol (TBA)	ND	5.0	1	U	1,2-Dibromoethane	ND	0.50	1	U
Diisopropyl Ether (DIPE)	ND	0.50	1	U	1,2-Dichloroethane	ND	0.50	1	U
Ethyl-t-Butyl Ether (ETBE)	ND	0.50	1	U					

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,2-Dichloroethane-d4	105	80-128		Toluene-d8	83	80-120	
Dibromofluoromethane	102	80-127		1,4-Bromofluorobenzene	83	68-120	

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

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Cardno ERI		Date Received:	03/12/11
601 North McDowell Blvd.		Work Order No:	11-03-0963
Petaluma, CA 94954-2312		Preparation:	N/A
		Method:	EPA 1664A

Project ExxonMobil 70238 / 022293

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
11-03-0883-1	**Aqueous**	**N/A**	**03/16/11**	**03/16/11**	**B0316HEMS2**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
HEM: Oil and Grease	94	95	78-114	1	0-18	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Cardno ERI		Date Received:	03/12/11
601 North McDowell Blvd.		Work Order No:	11-03-0963
Petaluma, CA 94954-2312		Preparation:	EPA 5030C
		Method:	EPA 8015B (M)

Project ExxonMobil 70238 / 022293

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
11-03-0961-1	**Aqueous**	**GC 18**	**03/14/11**	**03/14/11**	**110314S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	90	89	68-122	1	0-18	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Cardno ERI	Date Received: 03/12/11
601 North McDowell Blvd.	Work Order No: 11-03-0963
Petaluma, CA 94954-2312	Preparation: EPA 5030C
	Method: EPA 8021B

Project ExxonMobil 70238 / 022293

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
W-7-MW9B	**Aqueous**	**GC 21**	**03/16/11**	**03/16/11**	**110316S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	112	111	57-129	0	0-23	
Toluene	108	107	50-134	1	0-26	
Ethylbenzene	109	108	58-130	1	0-26	
Xylenes (total)	109	108	57-123	1	0-26	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Cardno ERI		Date Received:	03/12/11
601 North McDowell Blvd.		Work Order No:	11-03-0963
Petaluma, CA 94954-2312		Preparation:	EPA 5030C
		Method:	EPA 8260B

Project ExxonMobil 70238 / 022293

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
11-03-1209-4	**Aqueous**	**GC/MS BB**	**03/17/11**	**03/17/11**	**110317S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	105	110	76-124	5	0-20	
Toluene	85	89	80-120	4	0-20	
Ethylbenzene	101	105	78-126	3	0-20	
Methyl-t-Butyl Ether (MTBE)	89	98	67-121	10	0-49	
Tert-Butyl Alcohol (TBA)	91	94	36-162	4	0-30	
Diisopropyl Ether (DIPE)	95	100	60-138	5	0-45	
Ethyl-t-Butyl Ether (ETBE)	89	96	69-123	7	0-30	
Tert-Amyl-Methyl Ether (TAME)	86	94	65-120	9	0-20	
Ethanol	106	112	30-180	6	0-72	
1,1-Dichloroethene	94	98	73-127	4	0-20	
1,2-Dibromoethane	94	101	80-120	8	0-20	
1,2-Dichlorobenzene	93	97	80-120	4	0-20	
1,2-Dichloroethane	97	106	80-120	9	0-20	
Carbon Tetrachloride	90	92	74-134	3	0-20	
Chlorobenzene	96	100	80-120	4	0-20	
Trichloroethene	83	96	77-120	15	0-20	
Vinyl Chloride	90	98	72-126	8	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Cardno ERI		Date Received:	03/12/11
601 North McDowell Blvd.		Work Order No:	11-03-0963
Petaluma, CA 94954-2312		Preparation:	EPA 5030C
		Method:	EPA 8260B

Project ExxonMobil 70238 / 022293

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
11-03-1083-1	**Aqueous**	**GC/MS BB**	**03/16/11**	**03/16/11**	**110316S01**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	105	102	76-124	4	0-20	
Toluene	88	87	80-120	1	0-20	
Ethylbenzene	104	101	78-126	3	0-20	
Methyl-t-Butyl Ether (MTBE)	102	108	67-121	5	0-49	
Tert-Butyl Alcohol (TBA)	96	96	36-162	0	0-30	
Diisopropyl Ether (DIPE)	101	100	60-138	1	0-45	
Ethyl-t-Butyl Ether (ETBE)	102	102	69-123	0	0-30	
Tert-Amyl-Methyl Ether (TAME)	97	100	65-120	2	0-20	
Ethanol	119	92	30-180	26	0-72	
1,2-Dibromoethane	101	100	80-120	2	0-20	
1,2-Dichloroethane	105	104	80-120	0	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Laboratory Control Sample

Cardno ERI		Date Received:	N/A
601 North McDowell Blvd.		Work Order No:	11-03-0963
Petaluma, CA 94954-2312		Preparation:	N/A
		Method:	EPA 1664A

Project: ExxonMobil 70238 / 022293

Quality Control Sample ID	Matrix	Instrument	Date Analyzed	Lab File ID	LCS Batch Number
099-05-119-2,722	**Aqueous**	**N/A**	**03/16/11**	**NONE**	**B0316HEML1**

Parameter	Conc Added	Conc Recovered	LCS %Rec	%Rec CL	Qualifiers
HEM: Oil and Grease	40.0	38.9	97	78-114	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Cardno ERI	Date Received: N/A
601 North McDowell Blvd.	Work Order No: 11-03-0963
Petaluma, CA 94954-2312	Preparation: EPA 3510C
	Method: EPA 8015B (M)

Project: ExxonMobil 70238 / 022293

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-330-1,828	**Aqueous**	**GC 45**	**03/14/11**	**03/14/11**	**110314B03S**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Diesel	88	88	75-117	0	0-13	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Cardno ERI		Date Received:	N/A
601 North McDowell Blvd.		Work Order No:	11-03-0963
Petaluma, CA 94954-2312		Preparation:	EPA 5030C
		Method:	EPA 8015B (M)

Project: ExxonMobil 70238 / 022293

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-436-5,975	**Aqueous**	**GC 18**	**03/14/11**	**03/14/11**	**110314B01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	91	90	78-120	1	0-10	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Cardno ERI		Date Received:	N/A
601 North McDowell Blvd.		Work Order No:	11-03-0963
Petaluma, CA 94954-2312		Preparation:	EPA 5030C
		Method:	EPA 8021B

Project: ExxonMobil 70238 / 022293

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-667-1,095	**Aqueous**	**GC 21**	**03/16/11**	**03/16/11**	**110316B01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	104	104	70-118	0	0-9	
Toluene	100	100	66-114	0	0-9	
Ethylbenzene	100	100	72-114	0	0-9	
Xylenes (total)	100	100	72-114	0	0-9	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Cardno ERI		Date Received:	N/A
601 North McDowell Blvd.		Work Order No:	11-03-0963
Petaluma, CA 94954-2312		Preparation:	EPA 5030C
		Method:	EPA 8260B

Project: ExxonMobil 70238 / 022293

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-880-592	**Aqueous**	**GC/MS BB**	**03/17/11**	**03/17/11**	**110317L04**

Parameter	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Benzene	103	107	80-120	73-127	3	0-20	
Toluene	88	89	80-120	73-127	1	0-20	
Ethylbenzene	105	105	80-120	73-127	0	0-20	
Methyl-t-Butyl Ether (MTBE)	91	98	69-123	60-132	7	0-20	
Tert-Butyl Alcohol (TBA)	103	95	63-123	53-133	8	0-20	
Diisopropyl Ether (DIPE)	96	98	59-137	46-150	2	0-37	
Ethyl-t-Butyl Ether (ETBE)	93	96	69-123	60-132	3	0-20	
Tert-Amyl-Methyl Ether (TAME)	89	92	70-120	62-128	3	0-20	
Ethanol	118	87	28-160	6-182	30	0-57	
1,1-Dichloroethene	100	101	78-126	70-134	1	0-28	
1,2-Dibromoethane	96	100	79-121	72-128	4	0-20	
1,2-Dichlorobenzene	93	97	80-120	73-127	4	0-20	
1,2-Dichloroethane	98	103	80-120	73-127	5	0-20	
Carbon Tetrachloride	94	94	74-134	64-144	1	0-20	
Chlorobenzene	98	100	80-120	73-127	2	0-20	
Trichloroethene	92	93	79-127	71-135	0	0-20	
Vinyl Chloride	96	95	72-132	62-142	0	0-20	

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

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Cardno ERI		Date Received:	N/A
601 North McDowell Blvd.		Work Order No:	11-03-0963
Petaluma, CA 94954-2312		Preparation:	EPA 5030C
		Method:	EPA 8260B

Project: ExxonMobil 70238 / 022293

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-884-551	**Aqueous**	**GC/MS BB**	**03/16/11**	**03/16/11**	**110316L02**

Parameter	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Benzene	99	98	80-120	73-127	1	0-20	
Toluene	84	85	80-120	73-127	1	0-20	
Ethylbenzene	98	100	80-120	73-127	2	0-20	
Methyl-t-Butyl Ether (MTBE)	91	100	69-123	60-132	8	0-20	
Tert-Butyl Alcohol (TBA)	103	94	63-123	53-133	10	0-20	
Diisopropyl Ether (DIPE)	95	98	59-137	46-150	4	0-37	
Ethyl-t-Butyl Ether (ETBE)	96	100	69-123	60-132	4	0-20	
Tert-Amyl-Methyl Ether (TAME)	91	94	70-120	62-128	4	0-20	
Ethanol	92	103	28-160	6-182	11	0-57	
1,2-Dibromoethane	89	93	79-121	72-128	4	0-20	
1,2-Dichloroethane	95	95	80-120	73-127	0	0-20	

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

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

Cardno ERI		Date Received:	N/A
601 North McDowell Blvd.		Work Order No:	11-03-0963
Petaluma, CA 94954-2312		Preparation:	EPA 5030C
		Method:	EPA 8260B

Project: ExxonMobil 70238 / 022293

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-884-552	**Aqueous**	**GC/MS BB**	**03/17/11**	**03/17/11**	**110317L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Benzene	103	107	80-120	73-127	3	0-20	
Toluene	88	89	80-120	73-127	1	0-20	
Ethylbenzene	105	105	80-120	73-127	0	0-20	
Methyl-t-Butyl Ether (MTBE)	91	98	69-123	60-132	7	0-20	
Tert-Butyl Alcohol (TBA)	103	95	63-123	53-133	8	0-20	
Diisopropyl Ether (DIPE)	96	98	59-137	46-150	2	0-37	
Ethyl-t-Butyl Ether (ETBE)	93	96	69-123	60-132	3	0-20	
Tert-Amyl-Methyl Ether (TAME)	89	92	70-120	62-128	3	0-20	
Ethanol	118	87	28-160	6-182	30	0-57	
1,2-Dibromoethane	96	100	79-121	72-128	4	0-20	
1,2-Dichloroethane	98	103	80-120	73-127	5	0-20	

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

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 11-03-0963

Qualifier	Definition
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported without further clarification.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
ME	LCS recovery percentage is within LCS ME control limit range.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
QO	Compound did not meet method-described identification guidelines. Identification was based on additional GC/MS characteristics.
U	Undetected at detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

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

Calscience Environmental Laboratories, Inc.

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

Revised 3/25 PS

0963

ExxonMobil

Consultant Name: Cardno ERI **Account #:** NA **PO#:** 4512314357
Consultant Address: 601 N. McDowell Boulevard **Invoice To:** Jennifer Sedlachek
Consultant City/State/Zip: Petaluma, California, 94954 **Report To:** Paula Sime
ExxonMobil Project Mgr: Jennifer Sedlachek **Project Name:** 02 2293 13X
Consultant Project Mgr: Paula Sime **ExxonMobil Site #:** 70238 **Major Project (AFE #):**
Consultant Telephone Number: 707-766-2000 **Fax No.:** 707-789-0414 **Site Address:** 2200 East 12th Street
Sampler Name (Print): Jake Prowse **Site City, State, Zip:** Oakland, California
Sampler Signature: **Oversight Agency:** Alameda County Environmental Health Department

	Sample ID	Field Point Name	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl	NaOH	H_2SO_4 Plastic	H_2SO_4 Glass	HNO_3	Ice	Other	None	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Air	Other (specify): Distilled Water	Analyze For: TPHg 8015B	BTEX 8021B	OXYGENATES 8260B	Ethanol 8260B	TPHd 8015B	Oil and Grease 8015B	1664 (PS)	RUSH TAT (Pre-Schedule)	5-day TAT	Standard 10-day TAT	Due Date of Report
1	BB				2						2V														x	H	O	L	D						X	
2	W- 7 -MW9A	MW9A	3-10	1140	6						6V								x							X	X	X	X						X	
3	W- 7 -MW9B	MW9B	|	1105	6						6V								x							X	X	X							X	
4	W- 6 -MW9C	MW9C		1230	6						6V			2A				2A	x							X	X	X		X	X				X	
5	W- 7 -MW9D	MW9D		1155	6						6V								x							X	X	X							X	
6	W- 5 -MW9I	MW9I	↓	1010	6						6V								x							X	X	X							X	
																			x																	
																			x																	

Comments/Special Instructions:
PLEASE E-MAIL ALL PDF FILES TO
norcallabs@eri-us.com; ERI-EtMLABS@eri-us.com
GLOBAL ID # T0600101343

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

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

Relinquished by:		Date	Time	Received by:	Date	Time
Jake Prowse		3-10	1400	Tom Malley CEL	3/11/11	1140
Tom Malley TO	GSO	3/11/11	1730	Received by (Lab personnel): CEL	3/12/11	0930

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

0963

ExxonMobil

Consultant Name: Cardno ERI
Consultant Address: 601 N. McDowell Boulevard
Consultant City/State/Zip: Petaluma, California, 94954
ExxonMobil Project Mgr: Jennifer Sedlachek
Consultant Project Mgr: Paula Sime
Consultant Telephone Number: 707-766-2000 **Fax No.:** 707-789-0414
Sampler Name (Print): Jake Prowse
Sampler Signature:

Account #: NA **PO#:** 4512314357
Invoice To: Jennifer Sedlachek
Report To: Paula Sime
Project Name: 02 2293 13X
ExxonMobil Site #: 70238 **Major Project (AFE #):**
Site Address: 2200 East 12th Street
Site City, State, Zip: Oakland, California
Oversight Agency: Alameda County Environmental Health Department

	Sample ID	Field Point Name	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl	NaOH	H_2SO_4 Plastic	H_2SO_4 Glass	HNO_3	Ice	Other	None	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Air	Other (specify): Distilled Water	Analyze For: TPHg 8015B	BTEX 8021B	OXYGENATES 8260B	Ethanol 8260B	TPHd 8015B	Oil and Grease 8015B			RUSH TAT (Pre-Schedule)	5-day TAT	Standard 10-day TAT	Due Date of Report
1	BB				2						2V														x	H	O	L	D							X	
2	W- 7 -MW9A	MW9A	3-10	1140	6						6V								x							X	X	X	X							X	
3	W- 7 -MW9B	MW9B	"	1105	6						6V								x							X	X	X								X	
4	W- 6 -MW9C	MW9C		1230	6						6V			2A				2A	x							X	X	X		X	X				X	
5	W- 7 -MW9D	MW9D		1155	6						6V								x							X	X	X								X	
6	W- 5 -MW9I	MW9I	↓	1010	6						6V								x							X	X	X								X	
																			x																		
																			x																		

Comments/Special Instructions:
PLEASE E-MAIL ALL PDF FILES TO
norcallabs@eri-us.com; ERI-EIMLABS@eri-us.com
GLOBAL ID # T0600101343

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

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

Relinquished by:		Date	Time	Received by:	Date	Time
Jake Prowse		3-10	1400	Tom Malley CEL	3/11/11	1140
Tom Malley TO	GSO	3/11/11	1730	Received by (Lab personnel): CEL	3/12/11	0930

0963

GSO

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

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

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

COD:
$0.00

Reference:
CARDNO ERI

Delivery Instructions:

Signature Type:
SIGNATURE REQUIRED

Tracking #: 516130017

SDS

ORC

D

GARDEN GROVE

D92843A

89394597

Print Date : 03/11/11 14:56 PM

Package 2 of 2

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 11-03-0963

SAMPLE RECEIPT FORM

Cooler 1 of 1

CLIENT: Cardno ERI DATE: 03/12/11

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

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

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

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

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

Ambient Temperature: ☐ Air ☐ Filter Initial: YL

CUSTODY SEALS INTACT:

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

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

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

CONTAINER TYPE:

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

Water: ☐VOA ☑6 VOAh ☐VOA**na₂** ☐125AGB ☐125AGB**h** ☐125AGB**p** ☐1AGB ☐1AGB**na₂** ☐1AGB**s** ☐500AGB ☑2 500AGJ ☑2 500AGJ**s** ☐250AGB ☐250CGB ☐250CGB**s** ☐1PB ☐500PB ☐500PB**na** ☐250PB ☐250PB**n** ☐125PB ☐125PB**znna** ☐100PJ ☐100PJ**na₂** ☐_____ ☐_____ ☐_____

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

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

Preservative: h: HCL n: HNO_3 **na₂**: $Na_2S_2O_3$ na: NaOH p: H_3PO_4 s: H_2SO_4 **znna**: $ZnAc_2$+NaOH f: Field-filtered **Scanned by:** _____

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 11-03-0963

SAMPLE ANOMALY FORM

SAMPLES - CONTAINERS & LABELS:

- ☑ **Sample(s)/Container(s) NOT RECEIVED but listed on COC**
- ☐ **Sample(s)/Container(s) received but NOT LISTED on COC**
- ☐ **Holding time expired** – list sample ID(s) and test
- ☐ **Insufficient quantities for analysis** – list test
- ☐ **Improper container(s) used** – list test
- ☐ **Improper preservative used** – list test
- ☐ **No preservative noted on COC or label** – list test & notify lab
- ☐ **Sample labels illegible** – note test/container type
- ☑ **Sample label(s) do not match COC** – Note in comments
  - ☐ **Sample ID**
  - ☐ **Date and/or Time Collected**
  - ☑ **Project Information**
  - ☑ **# of Container(s)**
  - ☐ **Analysis**
- ☐ **Sample container(s) compromised** – Note in comments
  - ☐ **Water present in sample container**
  - ☐ **Broken**
- ☐ **Sample container(s) not labeled**
- ☐ **Air sample container(s) compromised** – Note in comments
  - ☐ **Flat**
  - ☐ **Very low in volume**
  - ☐ **Leaking (Not transferred - duplicate bag submitted)**
  - ☐ **Leaking (transferred into Calscience Tedlar® Bag*)**
  - ☐ **Leaking (transferred into Client's Tedlar® Bag*)**
- ☐ **Other:** _____

Comments:

(-1) Not received

~~(-4) Project ID per label is 90238.~~ TN 3/12

(-4) Received 10 containers instead of 6.
6 x vials w/ HCl.
2 x 500 ABJ unpreserved
2 x 500 ABJ w/ H_2SO_4.

HEADSPACE – Containers with Bubble > 6mm or ¼ inch:

Sample #	Container ID(s)	# of Vials Received	Sample #	Container ID(s)	# of Vials Received	Sample #	Container ID(s)	# of Cont. received	Analysis

Comments: _____

*Transferred at Client's request.

Initial / Date: TN 03/12/11

APPENDIX C

FIELD DATA SHEETS

Daily Field Report

Cardno ERI

Cardno ERI
Shaping the Future

Project ID #: 70238 — **Cardno ERI Job # 0222932011**

Subject: GW SAMPLING — **Date: 3/10/2011**

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

Name(s): PROWSE, JAKE

Time Arrived On Site: 9:15 — **Time Departed Site: 13:0**

09:15	-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: LOOK OUT FOR TRIP HAZARDS
	-STARTED PAPERWORK FOR SITE AND LABELS
	-SET UP DECON/WORK AREA AND DECON'D EQUIPMENT
09:15	-HELD H&S MEETING/REVIEWED HOSPITAL ROUTE /FINISHED AT 09:30
09:30	-OPENED WELLS AND ALLOWED WELLS TO CHARGE
09:30	-STARTED MEASURING /FINISHED AT 09:45
09:30	-STARTED PURGING /FINISHED AT 12:15
10:00	-STARTED SAMPLING /FINISHED AT 12:30
	-DECON'D EQUIPMENT/CLEANED UP DECON STATION/LOADED TRUCK
	-BROKE DOWN EXCLUSION ZONE/LOADED TRUCK
13:00	-CARDNO ERI OFF SITE
14:00	-STARTED PURGE WATER TREATMENT (TRAILER) /FINISHED AT 14:15

*M/P/S 5 WELLS	*M/S 0 WELLS	M/S LOW FLOW 0 WELLS
*MO 0 WELLS	*O/P 0 WELLS	*POTABLE 0 WELLS

TOTAL PURGED GALLONS: 53 DECON WATER GALLONS: 20

*0 T/C SET UPS

DAILY FIELD REPORT

Cardno ERI

PROJECT: 70238 JOB # + ACTIVITY: 2293

SUBJECT: DATE: 3-10

EQUIPMENT USED: SHEET: ___ OF ___

NAME: Jake Prowse PROJECT MNGR: P. Sime

Onsite 915 Cloudy

Safety Meeting

Open Wells

DTW Wells

Purged & Sampled MW 9A, 9B, 9C, 9D, 9I

Decon 20 gal

Purge 53 gal

Total 73 gal

Offsite 1300

FIELDRPT.DWG REV 9/27/10

601 N. McDowell Boulevard, Petaluma, California 94954 707 766 2000 (Fax 707 789 0414)

Depth to Water Data			1st	2011		Calc Case Volume
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:	3/10/2011					r (squared) x 0.1
Tech:	JP		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			

WELL ID	TD	PreDTW	CASE D	CASE V	PostDTW	Rechrg 80%
MW 9A	17.52	5.44	2	1.97	6.22	93.54
MW 9B	17.58	4.94	2	2.06	6.31	89.16
MW 9C	16.00	5.1	2	1.78	5.82	93.39
MW 9D	14.76	6.51	4	5.38	6.66	98.18
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	4.36	4	6.08	4.99	93.24

GROUNDWATER MONITORING - FIELD LOG					
ERI #	2293		QRT	1st	2011
Client:	ExxonMobil		DATE:	3/10/11	
Site ID:	7-0238		TECH	JP	
ADDRESS:			PM:	Paula	
2200 East 12th St. Oakland, Ca			Total Purge Volume		

WELL #	TIME	PRG VOL	TEMP	COND	pH
BB					
COMMENTS:					

WELL #	TIME	PRG VOL	TEMP	COND	pH
MW9I	9:37	6	°C	uS	
	9:41	6	17.20	527.00	7.05
	9:45	12	16.90	531.00	7.08
	9:49	18	16.50	534.00	7.08
TOTAL PURGE					
COMMENTS:					

WELL #	TIME	PRG VOL	TEMP	COND	pH
MW9D	10:15	6	°C	uS	
	10:19	6	13.40	292.00	7.16
	10:23	12	14.30	297.00	7.07
		18			
TOTAL PURGE	17				
COMMENTS:					

WELL #	TIME	PRG VOL	TEMP	COND	pH
MW9B	10:43	2	°C	uS	
	10:44	2	16.70	477.00	6.91
	10:45	4	17.00	488.00	6.88
	10:46	6	17.60	499.00	6.84
TOTAL PURGE					
COMMENTS:					

WELL #	TIME	PRG VOL	TEMP	COND	pH
MW9A	11:16	2	°C	uS	
	11:17	2	15.30	372.00	7.13

WATER SAMPLING SITE STATUS

Date: 3-10

ERI Job Number: 2293 Station No.: 70238 Site Address: 2200 E. 12th st, Oakland, CA Inspected by: Jake Arowse

Well ID	Well Head Screws	Rubber Gasket	Well Cap Locking	Lock on Well Cap	Concrete Well Seal	Well Head PVC	Water in Well Vault	Tabs	Well Cover	Fence/Gate Condition	# Drums	Drum Contents	Building Condition	Site Appearance	Comments / Well Covers
	N/R/ok	N/R/ok	N/R/ok	N/R/ok	N/R/ok	N/R/ok	Y / N	N/R/ok	N/R/ok	N/R/ok		s/w/e	g/v/o	N/R/ok	
MW9A	OK	OK	OK	OK	OK	OK	N	OK	OK					OK	
9B	↓	↓	↓	↓	↓	↓	Y	N	↓					↓	Broken Tabs
9C							Y	N							Striped Tabs
9D							N	OK							
9I							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).

APPENDIX D

WASTE DISPOSAL DOCUMENTATION

NON-HAZARDOUS WASTE MANIFEST

Please print or type [redacted] signed for use on elite (12 pitch) typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. EA 2293

2. Page 1 of 1

3. Generator's Name and Mailing Address
EM 7-0238
2200 E. 12th St.
Oakland

ERI

4. Generator's Phone ( )

5. Transporter 1 Company Name
ERI

6. US EPA ID Number

A. State Transporter's ID

B. Transporter 1 Phone 764-2000

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 Airport Rd
Rio Vista, CA

10. US EPA ID Number
CAD000150599

E. State Facility's ID

F. Facility's Phone (707) 374-2834

11. WASTE DESCRIPTION	12. Containers No.	Type	13. Total Quantity	14. Unit Wt./Vol.
a. Purge Water	1	Poly	73	gal
b.				
c.				
d.				

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

H. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

GENERATOR

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: Jake Prowse | Signature | Date Month 4 Day 1 Year 11

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: P McLaughlin | Signature | Date Month 4 Day 1 Year 11

NON-HAZARDOUS WASTE

Rev. 3/95