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 25, 2012

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 #79374/990 San Pablo Avenue, Albany, California.

Dear Ms. Jakub:

Attached for your review and comment is a copy of the letter report entitled ***Groundwater Monitoring Report, Second Quarter 2012,*** dated May 25, 2012, for the above-referenced site. The report was prepared by Cardno ERI of Petaluma, California, and details activities pertaining to 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 ***Groundwater Monitoring Report, Second Quarter 2012,*** dated May 25, 2012

cc: w/ attachment
Ms. Muriel T. Blank, Trustee, The Blank Family Trusts
Reverend Deborah Blank, Trustee, The Blank Family Trusts
Ms. Marcia Blank Kelly, The Blank Family Trusts

w/o attachment
Ms. Paula Sime, Cardno ERI

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May 25, 2012
Cardno ERI 2735C.Q122

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

SUBJECT **Groundwater Monitoring Report, Second Quarter 2012**
Former Exxon Service Station 79374
990 San Pablo Avenue, Albany, California

Alameda County RO#2974

INTRODUCTION

At the request of ExxonMobil Environmental Services (EMES), on behalf of Exxon Mobil Corporation, Cardno ERI performed second quarter 2012 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 is occupied by a retail outlet for paints and painting products.

GROUNDWATER MONITORING AND SAMPLING SUMMARY

Gauging and sampling date:		04/06/12
Wells gauged and sampled:		MW1 through MW6, MW3A
Presence of NAPL:		Not observed
Laboratory:		Calscience Environmental Laboratories, Inc. Garden Grove, California
Analyses performed:	EPA Method 8015B	TPHd, TPHg, TPHmo
	EPA Method 8260B	BTEX, MTBE, ETBE, TAME, TBA, DIPE, EDB, 1,2-DCA
Waste disposal:		79 gallons purge and decon water delivered to InStrat, Inc., of Rio Vista, California, on 04/19/12

CONCLUSIONS

On January 18, 2012, groundwater monitoring well MW3A was installed at the subject site

Concentrations of TPHd and TPHg were reported in wells MW1 through MW6 and MW3A. BTEX constituents were reported in wells MW1, MW3, MW3A, and MW4 through MW6. Concentrations of TPHmo, MTBE, TBA, ETBE, DIPE, TAME, EDB, and 1,2-DCA were not reported in samples collected from wells MW1 through MW6 and MW3A. The analytical results of this sampling event are consistent with historical data. Maximum hydrocarbon concentrations were reported from west of the former USTs.

The groundwater flow direction during the second quarter was away from a broad mound across the central portion of the site with a hydraulic gradient of approximately 0.04. Groundwater flow has been variable during the monitoring and sampling program. The distribution of hydrocarbon concentrations beneath the site suggests that the groundwater flow direction is dominantly towards the west or southwest.

RECOMMENDATIONS

Cardno ERI recommends semi-annual monitoring and sampling of wells MW1 through MW6 and MW3A during second and fourth quarters.

Cardno ERI recommends performing additional off-site assessment at the site and initiating active remediation as recommended in the April 12, 2012, *Air Sparge and Dual-Phase Extraction Feasibility Testing* report.

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 contact Ms. Rebekah A. Westrup, Cardno ERI's project manager for this site, at rebekah.westrup@cardno.com or at (707) 766-2000 with any questions regarding this report.

Sincerely,

SCANNED IMAGE

SCANNED IMAGE

PROFESSIONAL GEOLOGIST
DAVID RICHARD DANIELS
No. 8737
EXP. 7/31/13
STATE OF CALIFORNIA

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Enclosures:

Acronym List

Plate 1	Site Vicinity Map
Plate 2	Select Analytical Results
Plate 3	Groundwater Elevation Map
Plate 4	Local Area Map
Table 1A	Cumulative Groundwater Monitoring and Sampling Data
Table 1B	Additional Cumulative Groundwater Monitoring and Sampling Data
Table 2	Well Construction Details
Appendix A	Groundwater Sampling Protocol
Appendix B	Field Notes
Appendix C	Laboratory Analytical Report and Chain-of-Custody Record
Appendix D	Waste Disposal Documentation

cc: Ms. Barbara Jakub, Alameda County Health Care Services Agency, Environmental Health Services, 1131 Harbor Bay Parkway, Suite 250, Alameda, California, 94502-6577

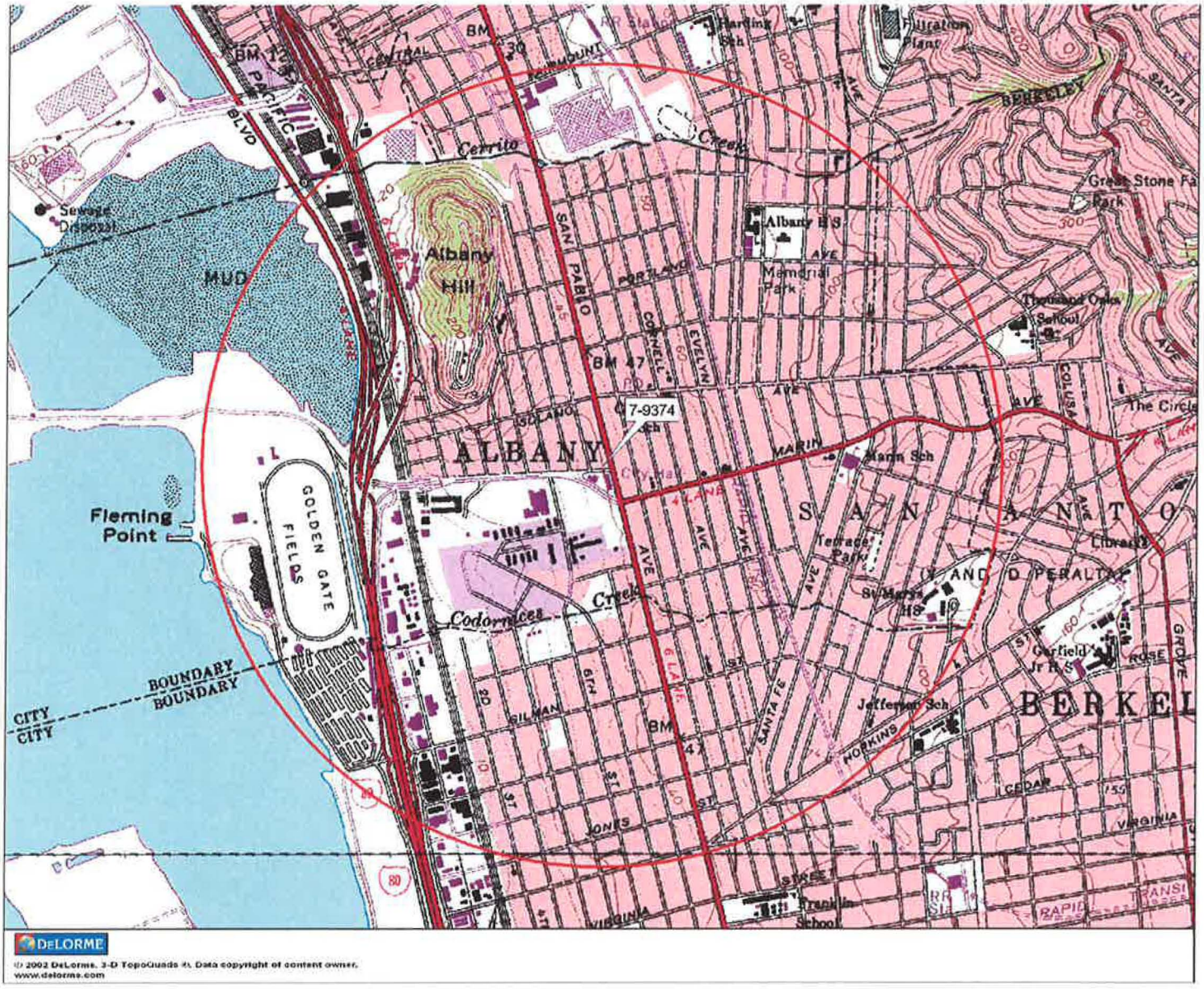
Ms. Muriel T. Blank, Trustee, The Blank Family Trusts, 1164 Solano Avenue, #406, Albany, California, 94706

Reverend Deborah Blank, Trustee, The Blank Family Trust, 1563 Solano Avenue, #344, Berkeley, California, 94707

Ms. Marcia Blank, Trustee, The Blank Family Trust, 641 SW Morningside Road, Topeka, Kansas, 66606

ACRONYM LIST

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



FN 2735 TOPO

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 79374
990 San Pablo Avenue
Albany, California

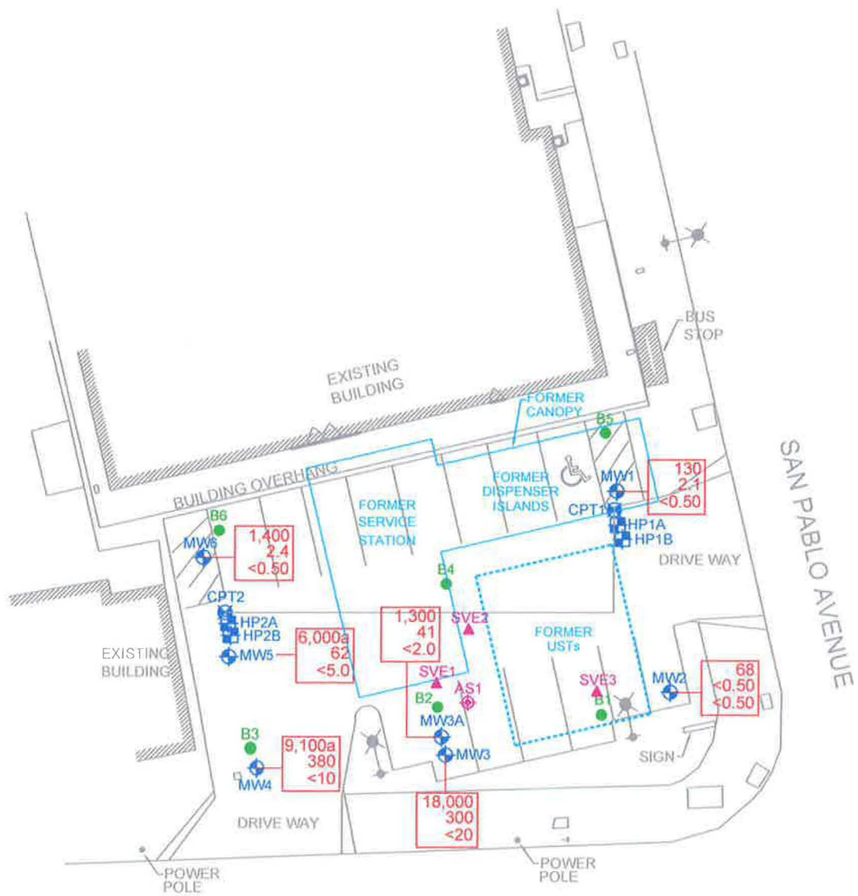
PROJECT NO. 2735

PLATE 1

Analyte Concentrations in ug/L
Sampled April 6, 2012

Total Petroleum Hydrocarbons as gasoline
Benzene
Methyl Tertiary Butyl Ether

< Less Than the Stated Laboratory Reporting Limit
ug/L Micrograms per Liter
a Sample chromatographic pattern does not match that of the specified standard.



APPROXIMATE SCALE
0 30 60 Feet

FN 2735 12 2QTR QM

Cardno ERI
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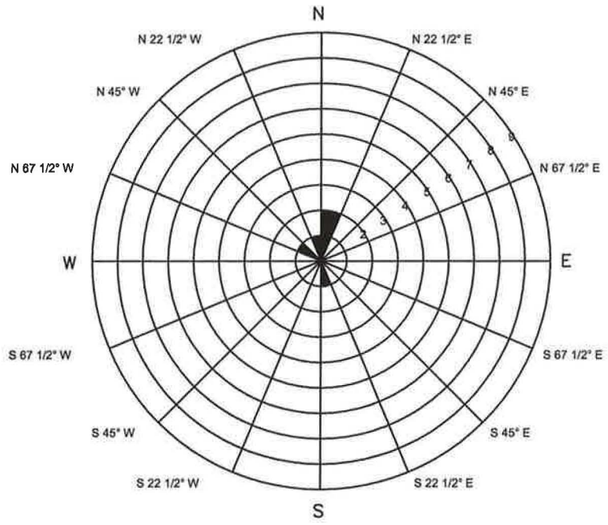
SELECT ANALYTICAL RESULTS
April 6, 2012
FORMER EXXON SERVICE STATION 79374
990 San Pablo Avenue
Albany, California

EXPLANATION
MW6 Groundwater Monitoring Well
B6 Soil Boring
HP2B Hydropunch Boring
CPT2 Cone Penetration Test Boring
AS1 Air Sparge Well
SVE3 Soil Vapor Extraction Well

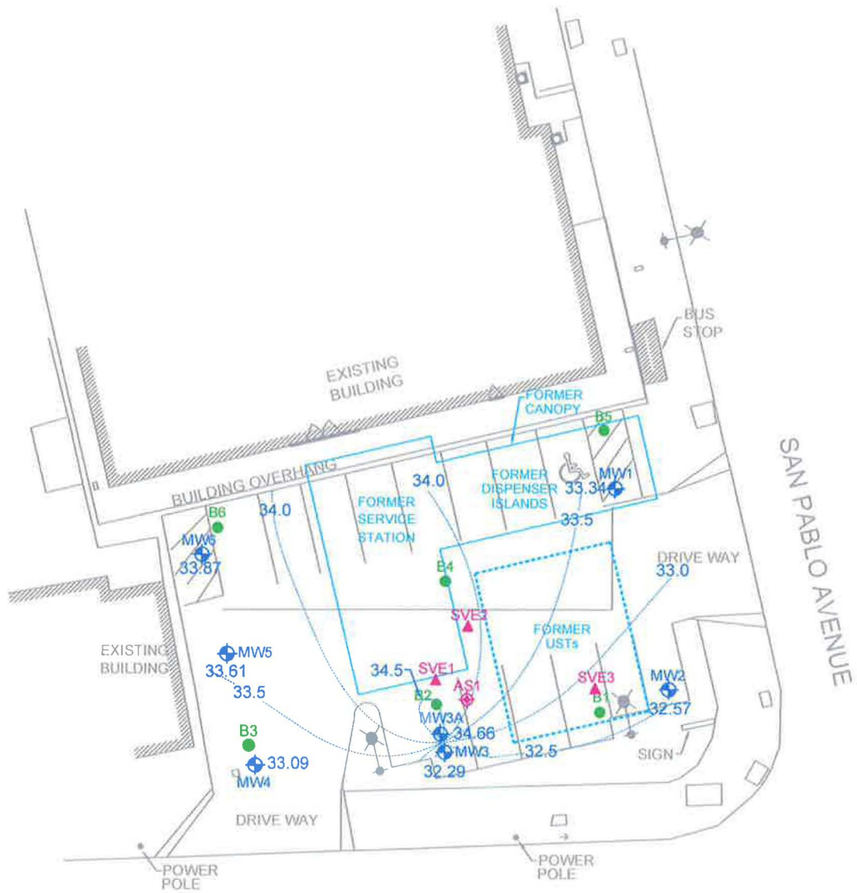
PROJECT NO. 2735
PLATE 2



Rose diagram developed by evaluating the groundwater gradient direction from the quarterly monitoring data. Each circle on the rose diagram represents the number of monitoring events that the gradient plotted in that 22 1/2 degree sector.

5 Data Point Shown
Shown for 04/06/12

GROUNDWATER FLOW DIRECTION
ROSE DIAGRAM



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APPROXIMATE SCALE

0 30 60 Feet

FN 2735 12 2QTR QM

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

Cardno ERI
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GROUNDWATER ELEVATION MAP
April 6, 2012

FORMER EXXON SERVICE STATION 79374
990 San Pablo Avenue
Albany, California

EXPLANATION

- MW6 — Groundwater Monitoring Well
- 33.87 — Groundwater elevation in feet; datum is mean sea level
- B6 — Soil Boring
- AS1 — Air Sparge Well
- SVE3 — Soil Vapor Extraction Well

PROJECT NO. 2735

PLATE 3

APPROXIMATE SCALE

0 80 160 METERS

FN 2735 12 2QTR SRS AERIAL_QM

100-Meter and 300-Meter Radius

N

LEGEND

- C/I — Commericial / Industrial
- VAC — Vacant Lot
- P — Parking Lot
- R — Additional Residential

WELLS

1. Private wells are not located within a 300-meter radius. See the Regional Area Map.

WELLS (SPECIAL USE OR MUNICIPAL)

1. Public wells are not located within a 300-meter radius.

RESIDENCES

1. 1041/1043 Buchanan Street (Duplex)
2. 973/975 Adams Street (Duplex)
3. 971 Adams Street
4. 970 Adams Street (Apartments)
5. 960/962 Adams Street (Duplex)

PUBLIC USE AREAS

1. City of Albany Police/Fire/City Offices
2. Physical Therapy

SURFACE WATER

1. Surface water is not located within a 300-meter radius.

LOCAL AREA MAP

FORMER EXXON SERVICE STATION 79374
990 San Pablo Avenue
Albany, California

Cardno ERI
Shaping the Future

PROJECT NO. 2735

PLATE 4

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 79374
990 San Pablo Avenue
Albany, California

Well ID	Sampling Date	Depth (feet)	TOC Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	O&G (µg/L)	TPHmo (µg/L)	TPHd (µg/L)	TPHg (µg/L)	MTBE (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
Monitoring Well Samples															
MW1	11/04/10	---	Well installed.												
MW1	12/01/10	---	41.45	Well surveyed.											
MW1	12/16/10	---	41.45	9.18	32.27	No	---	<250	71a	54	<0.50	1.4	0.65	0.58	1.6
MW1	01/31/11	---	41.45	8.78	32.67	No	---	<250	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50
MW1	04/07/11	---	41.45	8.45	33.00	No	---	<250	65a	160a	<0.50	2.9	0.92	<0.50	1.7
MW1	07/18/11	---	41.45	9.49	31.96	No	---	<250	<50	63a	<0.50	<0.50	<0.50	<0.50	<0.50
MW1	10/13/11	---	41.45	9.86	31.59	No	---	<250	54	<50	<0.50	<0.50	<0.50	<0.50	<0.50
MW1	**04/06/12**	**---**	**41.45**	**8.11**	**33.34**	**No**	**---**	**<250**	**130**	**130**	**<0.50**	**2.1**	**<0.50**	**<0.50**	**<0.50**
MW2	11/04/10	---	Well installed.												
MW2	12/01/10	---	41.25	Well surveyed.											
MW2	12/16/10	---	41.25	8.11	33.14	No	---	<250	110a	<50	<0.50	<0.50	<0.50	<0.50	<0.50
MW2	01/31/11	---	41.25	9.29	31.96	No	---	<250	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50
MW2	04/07/11	---	41.25	8.21	33.04	No	---	<250	<50	<50	0.51	<0.50	<0.50	<0.50	<0.50
MW2	07/18/11	---	41.25	9.52	31.73	No	---	<250	<50	54a	<0.50	<0.50	<0.50	<0.50	<0.50
MW2	10/13/11	---	41.25	9.56	31.69	No	---	<250	98	75a	<0.50	<0.50	<0.50	<0.50	<0.50
MW2	**04/06/12**	**---**	**41.25**	**8.68**	**32.57**	**No**	**---**	**<250**	**60**	**68**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**
MW3	11/08/10	---	Well installed.												
MW3	12/01/10	---	40.42	Well surveyed.											
MW3	12/16/10	---	40.42	8.18	32.24	No	---	<250	2,900a	19,000	<12	350	130	940	290
MW3	01/31/11	---	40.42	7.64	32.78	No	---	390	2,800a	17,000a	<12	540	140	700	270
MW3	04/07/11	---	40.42	5.88	34.54	No	---	<250	2,700a	14,000	<10	600	150	780	230
MW3	07/18/11	---	40.42	8.31	32.11	No	---	<250	1,700a	19,000	<10	650	140	660	220
MW3	10/13/11	---	40.42	8.76	31.66	No	---	<250	1,900a	16,000	<10	520	150	900	270
MW3	**04/06/12**	**---**	**40.42**	**8.13**	**32.29**	**No**	**---**	**<250**	**3,200a**	**18,000**	**<20**	**300**	**120**	**1,100**	**180**
MW3A	01/18/12	---	Well installed.												
MW3A	02/06/12	---	40.68	Well surveyed.											
MW3A	**04/06/12**	**---**	**40.68**	**6.02**	**34.66**	**No**	**---**	**<250**	**170a**	**1,300**	**<2.0**	**41**	**7.5**	**140**	**38**
MW4	11/05/10	---	Well installed.												
MW4	12/01/10	---	39.30	Well surveyed.											
MW4	12/16/10	---	39.30	6.10	33.20	No	---	<250	2,000a	9,900	<5.0	440	40	170	380
MW4	01/31/11	---	39.30	6.84	32.46	No	---	260	3,900a	13,000	<10	500	59	320	740
MW4	04/07/11	---	39.30	5.29	34.01	No	---	<250	1,900a	9,600	<10	530	59	250	340
MW4	07/18/11	---	39.30	7.36	31.94	No	---	<250	2,800a	14,000	<10	570	66	320	510
MW4	10/13/11	---	39.30	7.83	31.47	No	---	320	7,200a	14,000	<10	350	43	340	690
MW4	**04/06/12**	**---**	**39.30**	**6.21**	**33.09**	**No**	**---**	**<250**	**1,800a**	**9,100a**	**<10**	**380**	**40**	**220**	**410**

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 79374
990 San Pablo Avenue
Albany, California

Well ID	Sampling Date	Depth (feet)	TOC Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	O&G (µg/L)	TPHmo (µg/L)	TPHd (µg/L)	TPHg (µg/L)	MTBE (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
MW5	11/11/10	---	Well installed.												
MW5	12/01/10	---	40.38	Well surveyed.											
MW5	12/16/10	---	40.38	7.69	32.69	No	---	<250	1,100a	6,200	<2.5	150	96	270	980
MW5	01/31/11	---	40.38	8.00	32.38	No	---	270	4,600a	15,000	<10	520	310	1,100	2,500
MW5	04/07/11	---	40.38	6.73	33.65	No	---	<250	610a	2,500	<2.5	61	32	180	390
MW5	07/18/11	---	40.38	7.63	32.75	No	---	<250	2,000a	11,000	<2.5	340	160	990	1,800
MW5	10/13/11	---	40.38	9.31	31.07	No	---	660	7,600a	23,000	<20	390	160	1,200	3,100
MW5	**04/06/12**	**---**	**40.38**	**6.77**	**33.61**	**No**	**---**	**<250**	**880a**	**6,000a**	**<5.0**	**62**	**17**	**360**	**680**
MW6	11/03/10	---	Well installed.												
MW6	12/01/10	---	41.06	Well surveyed.											
MW6	12/16/10	---	41.06	8.55	32.51	No	---	<250	110a	1,700	<0.50	2.8	1.2	61	46
MW6	01/31/11	---	41.06	8.52	32.54	No	---	<250	800a	2,000a	<1.0	6.0	<1.0	30	24
MW6	04/07/11	---	41.06	7.78	33.28	No	---	<250	660a	2,000	<0.50	10	1.0	20	19
MW6	07/18/11	---	41.06	9.27	31.79	No	---	<250	350a	1,000a	<0.50	2.5	<0.50	3.8	3.5
MW6	10/13/11	---	41.06	10.21	30.85	No	---	<250	370a	890a	<0.50	2.8	<0.50	7.9	5.5
MW6	**04/06/12**	**---**	**41.06**	**7.19**	**33.87**	**No**	**---**	**<250**	**440a**	**1,400a**	**<0.50**	**2.4**	**<0.50**	**13**	**15**
Grab Groundwater Samples															
B-1W	01/06/08	---	---	---	---	---	26r,s	<5,000	99,000o,n,r	76,000m,p,r	<50	<50	93	3,100	9,600
B-2W	01/06/08	---	---	---	---	---	---	310s	23,000o,r,s	77,000 l,r,s	<50	1,500	300	2,000	6,800
B-3W	01/06/08	---	---	---	---	---	---	<250s	2,000o,s	6,200 l,s	<10	170	32	740	250
B-4W	01/06/08	---	---	---	---	---	---	<250s	3,100o,s	7,700 l,s	<10	360	<10	240	20
B-5W	01/06/08	---	---	---	---	---	---	<250s	120o,s	120q,s	<0.5	<0.5	<0.5	<0.5	<0.5
B-6W	01/06/08	---	---	---	---	---	---	<250s	830o,s	1,700 l,s	<2.5	5.2	<2.5	100	8.6
DR-W	01/06/08	---	---	---	---	---	---	<250	96o	730m,p	<0.5	<0.5	<0.5	6.9	14
W-27.5-HP1A	10/28/10	27.5	---	---	---	---	---	260	330a	63a	<0.50	<0.50	<0.50	<0.50	<0.50
W-36-HP1A	10/28/10	36	---	---	---	---	---	<250	220a	<50	<0.50	<0.50	<0.50	<0.50	<0.50
W-46.5-HP1A	10/28/10	46.5	---	---	---	---	---	<420	<83	<50	<0.50	<0.50	<0.50	<0.50	<0.50
W-59-HP1B	10/27/10	59	---	---	---	---	---	<250	130	<50	<0.50	<0.50	<0.50	<0.50	<0.50
W-27.5-HP2A	10/29/10	27.5	---	---	---	---	---	<250	100a	340	<0.50	1.7	2.1	20	46
W-52-HP2A	10/29/10	52	---	---	---	---	---	<250	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50
W-60.5-HP2B	10/27/10	60.5	---	---	---	---	---	<250	62	<50	<0.50	<0.50	<0.50	<0.50	<0.50

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 79374
990 San Pablo Avenue
Albany, California

Well ID	Sampling Date	Depth (feet)	TOC Elev. (feet)	DTW (feet)	GW Elev. (feet)	NAPL (feet)	O&G (µg/L)	TPHmo (µg/L)	TPHd (µg/L)	TPHg (µg/L)	MTBE (µg/L)	B (µg/L)	T (µg/L)	E (µg/L)	X (µg/L)
W-10-SVE1-1	01/31/12	10	---	---	---	---	---	990a	1,900a	2,000	<2.0	87	2.1	13	23
W-10-SVE1-2	01/31/12	10	---	---	---	---	---	890a	1,500a	1,400	<1.0	46	2.0	24	23

TABLE 1A
CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 79374
990 San Pablo Avenue
Albany, 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. If liquid-phase hydrocarbons present, elevation adjusted using TOC - [DTW - (PT x 0.76)].
NAPL	=	Non-aqueous phase liquid.
O&G	=	Oil and grease with silica gel clean-up analyzed using Standard Method 5520B/F.
TPHmo	=	Total petroleum hydrocarbons as motor oil analyzed using EPA Method 8015 (modified).
TPHd	=	Total petroleum hydrocarbons as diesel analyzed using EPA Method 8015 (modified).
TPHg	=	Total petroleum hydrocarbons as gasoline analyzed using EPA Method 8015 (modified).
MTBE	=	Methyl tertiary butyl ether analyzed using EPA Method 8260B.
BTEX	=	Benzene, toluene, ethylbenzene, and total xylenes analyzed using EPA Method 8260B.
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.
Add'l VOCs	=	Additional volatile organic carbons analyzed using EPA Method 8260B.
Add'l SVOCs	=	Additional semi-volatile organic carbons analyzed using EPA Method 8270C.
µg/L	=	Micrograms per liter.
ND	=	Not detected at or above laboratory reporting limits.
---	=	Not measured/Not sampled/Not analyzed.
<	=	Less than the stated laboratory reporting limit.
a	=	Sample chromatographic pattern does not match that of the specified standard.
b	=	n-butylbenzene.
c	=	sec-butylbenzene.
d	=	Isopropylbenzene.
e	=	n-propylbenzene.
f	=	1,2,4-trimethylbenzene.
g	=	1,3,5-trimethylbenzene.
h	=	Naphthalene.
i	=	1-butanone.
j	=	1,2-dibromo-3-chloropropane.
k	=	2-methylnapthalene.
l	=	Unmodified or weakly modified gasoline is significant.
m	=	Heavier gasoline range compounds are significant.
n	=	Diesel range compounds are significant; no recognizable pattern.
o	=	Gasoline range compounds are significant.
p	=	No recognizable pattern.
q	=	Strongly aged gasoline or diesel compounds are significant.
r	=	Lighter than water immiscible sheen/product is present.
s	=	Liquid sample that contains greater than approximately 1 volume % sediment.

TABLE 1B
ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 79374
990 San Pablo Avenue
Albany, California

Well ID	Sampling Date	Depth (feet)	EDB (µg/L)	1,2-DCA (µg/L)	TAME (µg/L)	TBA (µg/L)	ETBE (µg/L)	DIPE (µg/L)	Add'l VOCs (µg/L)	Add'l SVOCs (µg/L)
Monitoring Well Samples										
MW1	12/16/10	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	---	---
MW1	01/31/11	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	---	---
MW1	04/07/11	---	<0.50	<0.50	<0.50	10	<0.50	<0.50	---	---
MW1	07/18/11	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	---	---
MW1	10/13/11	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	---	---
MW1	**04/06/12**	**---**	**<0.50**	**<0.50**	**<0.50**	**<5.0**	**<0.50**	**<0.50**	**---**	**---**
MW2	12/16/10	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	---	---
MW2	01/31/11	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	---	---
MW2	04/07/11	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	---	---
MW2	07/18/11	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	---	---
MW2	10/13/11	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	---	---
MW2	**04/06/12**	**---**	**<0.50**	**<0.50**	**<0.50**	**<5.0**	**<0.50**	**<0.50**	**---**	**---**
MW3	12/16/10	---	<12	<12	<12	<120	<12	<12	---	---
MW3	01/31/11	---	<12	<12	<12	<120	<12	<12	---	---
MW3	04/07/11	---	<10	<10	<10	<100	<10	<10	---	---
MW3	07/18/11	---	<10	<10	<10	<100	<10	<10	---	---
MW3	10/13/11	---	<10	<10	<10	<100	<10	<10	---	---
MW3	**04/06/12**	**---**	**<20**	**<20**	**<20**	**<200**	**<20**	**<20**	**---**	**---**
MW3A	**04/06/12**	**---**	**<2.0**	**<2.0**	**<2.0**	**<20**	**<2.0**	**<2.0**	**---**	**---**
MW4	12/16/10	---	<5.0	<5.0	<5.0	<50	<5.0	<5.0	---	---
MW4	01/31/11	---	<10	<10	<10	<100	<10	<10	---	---
MW4	04/07/11	---	<10	<10	<10	<100	<10	<10	---	---
MW4	07/18/11	---	<10	<10	<10	<100	<10	<10	---	---
MW4	10/13/11	---	<10	<10	<10	<100	<10	<10	---	---
MW4	**04/06/12**	**---**	**<10**	**<10**	**<10**	**<100**	**<10**	**<10**	**---**	**---**
MW5	12/16/10	---	<2.5	<2.5	<2.5	<25	<2.5	<2.5	---	---
MW5	01/31/11	---	<10	<10	<10	<100	<10	<10	---	---
MW5	04/07/11	---	<2.5	<2.5	<2.5	<25	<2.5	<2.5	---	---
MW5	07/18/11	---	<2.5	<2.5	<2.5	<25	<2.5	<2.5	---	---
MW5	10/13/11	---	<20	<20	<20	<200	<20	<20	---	---
MW5	**04/06/12**	**---**	**<0.50**	**<5.0**	**<5.0**	**<50**	**<5.0**	**<5.0**	**---**	**---**
MW6	12/16/10	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	---	---
MW6	01/31/11	---	<1.0	<1.0	<1.0	<10	<1.0	<1.0	---	---
MW6	04/07/11	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	---	---
MW6	07/18/11	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	---	---
MW6	10/13/11	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	---	---

TABLE 1B
ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 79374
990 San Pablo Avenue
Albany, California

Well ID	Sampling Date	Depth (feet)	EDB (µg/L)	1,2-DCA (µg/L)	TAME (µg/L)	TBA (µg/L)	ETBE (µg/L)	DIPE (µg/L)	Add'l VOCs (µg/L)	Add'l SVOCs (µg/L)
MW6	**04/06/12**	**---**	**<0.50**	**<0.50**	**<0.50**	**<5.0**	**<0.50**	**<0.50**	**---**	**---**
Grab Groundwater Samples										
B-1W	01/06/08	---	<50	<50	<50	<200	<50	<50	210b, 68c, 370d, 1,100e, 3,800f, 1,300g, 1,500h	4,000h, 3,900k
B-2W	01/06/08	---	<50	<50	<50	<200	<50	<50	110b, 140e, 440f, 2,400g, 730h, 610i, 32j	---
B-3W	01/06/08	---	<10	<10	<10	<40	<10	<10	25b, 11c, 74d, 190e, 290f, 49g, 55i	---
B-4W	01/06/08	---	<10	<10	<10	<40	<10	<10	46b, 19c, 48d, 160e, 16f, 100h	---
B-5W	01/06/08	---	ND	<0.5	<0.5	<2.0	<0.5	<0.5	2.6b, 0.83e, 4.8f, 1.2g, 6.5h	---
B-6W	01/06/08	---	<2.5	<2.5	<2.5	<10	<2.5	<2.5	14b, 5.6c, 17d, 60e, 32f, 5.8g, 38h, 10i	---
DR-W	01/06/08	---	<0.5	<0.5	<0.5	<2.0	<0.5	<0.5	6.9b, 2.4c, 2.5d, 11e, 17f, 5.5g, 7.0h	---
W-27.5-HP1A	10/28/10	27.5	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	---	---
W-36-HP1A	10/28/10	36	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	---	---
W-46.5-HP1A	10/28/10	46.5	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	---	---
W-59-HP1B	10/27/10	59	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	---	---
W-27.5-HP2A	10/29/10	27.5	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	---	---
W-52-HP2A	10/29/10	52	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	---	---
W-60.5-HP2B	10/27/10	60.5	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	---	---
W-10-SVE1-1	01/31/12	10	<2.0	<2.0	<2.0	62	<2.0	<2.0	---	---
W-10-SVE1-2	01/31/12	10	<1.0	<1.0	<1.0	57	<1.0	<1.0	---	---

TABLE 1B
ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA
Former Exxon Service Station 79374
990 San Pablo Avenue
Albany, 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. If liquid-phase hydrocarbons present, elevation adjusted using TOC - [DTW - (PT x 0.76)].
NAPL	=	Non-aqueous phase liquid.
O&G	=	Oil and grease with silica gel clean-up analyzed using Standard Method 5520B/F.
TPHmo	=	Total petroleum hydrocarbons as motor oil analyzed using EPA Method 8015 (modified).
TPHd	=	Total petroleum hydrocarbons as diesel analyzed using EPA Method 8015 (modified).
TPHg	=	Total petroleum hydrocarbons as gasoline analyzed using EPA Method 8015 (modified).
MTBE	=	Methyl tertiary butyl ether analyzed using EPA Method 8260B.
BTEX	=	Benzene, toluene, ethylbenzene, and total xylenes analyzed using EPA Method 8260B.
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.
Add'l VOCs	=	Additional volatile organic carbons analyzed using EPA Method 8260B.
Add'l SVOCs	=	Additional semi-volatile organic carbons analyzed using EPA Method 8270C.
µg/L	=	Micrograms per liter.
ND	=	Not detected at or above laboratory reporting limits.
---	=	Not measured/Not sampled/Not analyzed.
<	=	Less than the stated laboratory reporting limit.
a	=	Sample chromatographic pattern does not match that of the specified standard.
b	=	n-butylbenzene.
c	=	sec-butylbenzene.
d	=	Isopropylbenzene.
e	=	n-propylbenzene.
f	=	1,2,4-trimethylbenzene.
g	=	1,3,5-trimethylbenzene.
h	=	Naphthalene.
i	=	1-butanone.
j	=	1,2-dibromo-3-chloropropane.
k	=	2-methylnapthalene.
l	=	Unmodified or weakly modified gasoline is significant.
m	=	Heavier gasoline range compounds are significant.
n	=	Diesel range compounds are significant; no recognizable pattern.
o	=	Gasoline range compounds are significant.
p	=	No recognizable pattern.
q	=	Strongly aged gasoline or diesel compounds are significant.
r	=	Lighter than water immiscible sheen/product is present.
s	=	Liquid sample that contains greater than approximately 1 volume % sediment.

TABLE 2
WELL CONSTRUCTION DETAILS
Former Exxon Service Station 79374
990 San Pablo Avenue
Albany, 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
MW1	11/04/10	41.45	8	17	17	2	Schedule 40 PVC	12-17	0.020	10-17	#3 Sand
MW2	11/04/10	41.25	8	17	17	4	Schedule 40 PVC	12-17	0.020	10-17	#3 Sand
MW3	11/08/10	40.42	8	17	17	4	Schedule 40 PVC	11-16	0.020	9-16	#3 Sand
MW3A	01/18/12	40.68	10	15.5	15.5	4	Schedule 40 PVC	5-15	0.020	4.5-15.5	#2/12 Sand
MW4	11/05/10	39.30	8	17	13	2	Schedule 40 PVC	8-13	0.020	6-13	#3 Sand
MW5	11/05/10	40.38	8	17	14	2	Schedule 40 PVC	9-14	0.020	7-14	#3 Sand
MW6	11/03/10	41.06	10	20	20	2	Schedule 40 PVC	15-20	0.020	13-20	#3 Sand
AS1	01/18/12	---	8	15.5	15.5	1	Schedule 80 PVC	10.25-13.5	#60 mesh	10.5-15.5	#2/12 Sand
SVE1	01/17/12	40.58	10	15.5	15.5	4	Schedule 40 PVC	5-15	0.020	4.5-15.5	#2/12 Sand
SVE2	01/17/12	40.94	10	15	15	4	Schedule 40 PVC	5-15	0.020	4.5-15	#2/12 Sand
SVE3	01/17/12	40.93	10	15	15	4	Schedule 40 PVC	5-15	0.020	4.5-15.5	#2/12 Sand

Notes:
TOC = Top of well casing elevation; datum is mean sea level.
PVC = Polyvinyl chloride.
feet bgs = Feet below ground surface.

APPENDIX A

GROUNDWATER SAMPLING PROTOCOL

GROUNDWATER SAMPLING PROTOCOL

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

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

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

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

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

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

The wells are purged using a submersible pump. Prior to use at the site and between wells the pump is cleaned.

Five gallons of water are placed in three 15-gallon tubs. Liquinox detergent is added to the first tub of water. The pump and tubing are submerged in the first tub and the water is pumped through the pump. The process is repeated in the second and third tub.

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.

Water generated during purging and cleaning is contained and transported off site for treatment and disposal.

APPENDIX B

FIELD NOTES

DAILY FIELD REPORT

Cardno ERI

PROJECT: 79374 JOB # + ACTIVITY: 2235

SUBJECT: QM DATE: 4-6-12

EQUIPMENT USED: SHEET: 1 OF

NAME: Steve PROJECT MNGR:

Onsite 430 H&S 430 - 445

OPEN 445 - 500 Purge 54

DTW 500 - 515 Decon 25

Purge 515 - 725 Total 79

Samp 810 - 930

Vanparkeon mw6 so purged out of order

Offsite 1000

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

GROUNDWATER SAMPLING FIELD LOG

Client Name: Exxon/Mobile
Location: 79374
Field Crew: Steve

ERI Job #: 2735
Field Cleaning Performed: _____
Analysis: _____

Date: 4-6-12 Page 1 of _____

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

Well ID	Time	Case Volume	Purge Volume	Temp	Cond	pH	Post-Purge DTW	80% Recharge	BB	40mil	Amber	DO	ORP	Comments Well Box Condition
MW1	521	1.38	2				8.37			6	2			OK - Water in well
	522		2	16.3	816	8.75	9		810					
	524		4	17.7	740	7.48								Dry @ 5 gal
	526		6											
MW3	540	4.60	5				9.51			6	2			OK
	542		5	16.7	644	7.06	18		820					
			10											Dry @ 8 gal
			15											
MW2	554	4.24	5				9.16			6	2			OK
	557		5	16.5	686	7.13	10		830					
			10											Dry @ 9 gal
MW4	620	~~1.12~~	~~0~~ 2				7.58			6	2			OK
	622	1.23	2	16.5	694	7.25	6		840					Dry @ 4
	624		4	17.8	667	7.02								
			6											
MW5	~~635~~	1.08	2				8.07			6	2			OK
640	641		2	16.7	398	7.34	9		900					
			4											Dry @ 4 gal
			6											
MW6	652	1.96	2				9.05			6	2			OK
	653		2	16.7	495	7.20	10		915					
	654		4	17.4	504	7.11								
	656		6	17.9	528	7.16								
MW3A	717	5.84	6				7.78			6	2			OK
	720		6	16.2	594	7.37	8		930					
	722		12	17.2	651	7.35								
	725		18	17.4	646	7.39								

ERI Groundwater M+S
Depth To Water

Case Volume= H(r^2x0.163)

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

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

Project	Location	Date	Name
2735	79374	4-6-12	Steve

WELL ID	WELL DIAMETER	ODOR? SHEEN?	TOTAL DEPTH	Pre-Purge DTW	Depth To PRODUCT	PRODUCT THICKNESS	COMMENTS
mw 1	2		16,61	8,11			
mw 3	4		~~16,86~~ 15,20	8,13			
mw 2	4		15,20	8,68			
mw 6	2		19,26	7,19			
mw 4	2		13,10	6,21			
mw 5	2		13,40	6,77			
mw 3A	4		14,98	6,02			

WATER SAMPLING SITE STATUS

Date: 4-6-12

Inspected by: Steve

Cardno ERI Job No.: 2735 Station No.: 79374 Site Address: 990 San Pablo ave Albany

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	
mw1	OK		OK	OK	OK	OK	Y	OK	OK					OK	
mw3	↓		↓	↓	↓	↓	N	↓	↓					↓	
mw2	↓		↓	↓	↓	↓	↓	↓	↓					↓	
mw4	↓		↓	↓	↓	↓	↓	↓	↓					↓	
mw5	↓		↓	↓	↓	↓	↓	↓	↓					↓	
mw6	↓		↓	↓	↓	↓	↓	↓	↓					↓	
mw3A	↓		↓	↓	↓	↓	↓	↓	↓					↓	

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 C

LABORATORY ANALYTICAL REPORT AND CHAIN-OF-CUSTODY RECORD

Calscience Environmental Laboratories, Inc.

CALSCIENCE

WORK ORDER NUMBER: 12-04-0558

The difference is service

AIR | SOIL | WATER | MARINE CHEMISTRY

Analytical Report For

Client: Cardno ERI

Client Project Name: ExxonMobil 79374/022735C

Attention: Paula Sime
601 North McDowell Blvd.
Petaluma, CA 94954-2312

Cecile deGuia

Approved for release on 04/20/2012 by:
Cecile deGuia
Project Manager

ResultLink

Email your PM

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Calscience Environmental Laboratories, Inc.

Contents

Client Project Name: ExxonMobil 79374/022735C
Work Order Number: 12-04-0558

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

Cardno ERI		Date Received:	04/10/12
601 North McDowell Blvd.		Work Order No:	12-04-0558
Petaluma, CA 94954-2312		Preparation:	EPA 3510C
		Method:	EPA 8015B (M)

Project: ExxonMobil 79374/022735C

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-9-MW1	**12-04-0558-2-G**	**04/06/12 08:10**	**Aqueous**	**GC 47**	**04/11/12**	**04/12/12 20:54**	**120411B13S**

Parameter	Result	RL	DF	Qual	Units
TPH as Diesel	130	50	1	SG	ug/L

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

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-10-MW2	**12-04-0558-3-G**	**04/06/12 08:30**	**Aqueous**	**GC 47**	**04/11/12**	**04/12/12 21:09**	**120411B13S**

Parameter	Result	RL	DF	Qual	Units
TPH as Diesel	60	50	1	SG	ug/L

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	99	68-140	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-10-MW3	**12-04-0558-4-G**	**04/06/12 08:20**	**Aqueous**	**GC 47**	**04/11/12**	**04/12/12 21:24**	**120411B13S**

Parameter	Result	RL	DF	Qual	Units
TPH as Diesel	3200	50	1	SG,HD	ug/L

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	98	68-140	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-8-MW3A	**12-04-0558-5-G**	**04/06/12 09:30**	**Aqueous**	**GC 47**	**04/11/12**	**04/12/12 21:39**	**120411B13S**

Parameter	Result	RL	DF	Qual	Units
TPH as Diesel	170	50	1	SG,HD	ug/L

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

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

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

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

Date Received: 04/10/12
Work Order No: 12-04-0558
Preparation: EPA 3510C
Method: EPA 8015B (M)

Project: ExxonMobil 79374/022735C

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-6-MW4	**12-04-0558-6-G**	**04/06/12 08:40**	**Aqueous**	**GC 47**	**04/11/12**	**04/12/12 21:54**	**120411B13S**

Parameter	Result	RL	DF	Qual	Units
TPH as Diesel	1800	50	1	SG,HD	ug/L

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

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-9-MW5	**12-04-0558-7-G**	**04/06/12 09:00**	**Aqueous**	**GC 47**	**04/11/12**	**04/12/12 22:09**	**120411B13S**

Parameter	Result	RL	DF	Qual	Units
TPH as Diesel	880	50	1	SG,HD	ug/L

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	100	68-140	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-10-MW6	**12-04-0558-8-G**	**04/06/12 09:15**	**Aqueous**	**GC 47**	**04/11/12**	**04/12/12 22:23**	**120411B13S**

Parameter	Result	RL	DF	Qual	Units
TPH as Diesel	440	50	1	SG,HD	ug/L

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

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-330-2,195**	**N/A**	**Aqueous**	**GC 47**	**04/11/12**	**04/12/12 15:41**	**120411B13S**

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

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	94	68-140	

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

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

Date Received: 04/10/12
Work Order No: 12-04-0558
Preparation: EPA 3510C
Method: EPA 8015B (M)

Project: ExxonMobil 79374/022735C

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-9-MW1	**12-04-0558-2-G**	**04/06/12 08:10**	**Aqueous**	**GC 47**	**04/11/12**	**04/12/12 20:54**	**120411B14S**

Parameter	Result	RL	DF	Qual	Units
TPH as Motor Oil	ND	250	1	SG,U	ug/L

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

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-10-MW2	**12-04-0558-3-G**	**04/06/12 08:30**	**Aqueous**	**GC 47**	**04/11/12**	**04/12/12 21:09**	**120411B14S**

Parameter	Result	RL	DF	Qual	Units
TPH as Motor Oil	ND	250	1	SG,U	ug/L

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	99	68-140	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-10-MW3	**12-04-0558-4-G**	**04/06/12 08:20**	**Aqueous**	**GC 47**	**04/11/12**	**04/12/12 21:24**	**120411B14S**

Parameter	Result	RL	DF	Qual	Units
TPH as Motor Oil	ND	250	1	SG,U	ug/L

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	98	68-140	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-8-MW3A	**12-04-0558-5-G**	**04/06/12 09:30**	**Aqueous**	**GC 47**	**04/11/12**	**04/12/12 21:39**	**120411B14S**

Parameter	Result	RL	DF	Qual	Units
TPH as Motor Oil	ND	250	1	SG,U	ug/L

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

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Cardno ERI		Date Received:	04/10/12
601 North McDowell Blvd.		Work Order No:	12-04-0558
Petaluma, CA 94954-2312		Preparation:	EPA 3510C
		Method:	EPA 8015B (M)

Project: ExxonMobil 79374/022735C

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-6-MW4	**12-04-0558-6-G**	**04/06/12 08:40**	**Aqueous**	**GC 47**	**04/11/12**	**04/12/12 21:54**	**120411B14S**

Parameter	Result	RL	DF	Qual	Units
TPH as Motor Oil	ND	250	1	SG,U	ug/L

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

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-9-MW5	**12-04-0558-7-G**	**04/06/12 09:00**	**Aqueous**	**GC 47**	**04/11/12**	**04/12/12 22:09**	**120411B14S**

Parameter	Result	RL	DF	Qual	Units
TPH as Motor Oil	ND	250	1	SG,U	ug/L

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	100	68-140	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-10-MW6	**12-04-0558-8-G**	**04/06/12 09:15**	**Aqueous**	**GC 47**	**04/11/12**	**04/12/12 22:23**	**120411B14S**

Parameter	Result	RL	DF	Qual	Units
TPH as Motor Oil	ND	250	1	SG,U	ug/L

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

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-234-1,077**	**N/A**	**Aqueous**	**GC 47**	**04/11/12**	**04/12/12 15:41**	**120411B14S**

Parameter	Result	RL	DF	Qual	Units
TPH as Motor Oil	ND	250	1	U	ug/L

Surrogates:	REC (%)	Control Limits	Qual
Decachlorobiphenyl	94	68-140	

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

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Analytical Report

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

Date Received: 04/10/12
Work Order No: 12-04-0558
Preparation: EPA 5030C
Method: EPA 8015B (M)

Project: ExxonMobil 79374/022735C

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-9-MW1	**12-04-0558-2-E**	**04/06/12 08:10**	**Aqueous**	**GC 24**	**04/18/12**	**04/18/12 13:35**	**120418B01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	130	50	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	84	38-134	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-10-MW2	**12-04-0558-3-E**	**04/06/12 08:30**	**Aqueous**	**GC 24**	**04/18/12**	**04/18/12 15:16**	**120418B01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	68	50	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	74	38-134	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-10-MW3	**12-04-0558-4-E**	**04/06/12 08:20**	**Aqueous**	**GC 24**	**04/18/12**	**04/18/12 18:03**	**120418B01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	18000	1000	20		ug/L

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	88	38-134	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-8-MW3A	**12-04-0558-5-E**	**04/06/12 09:30**	**Aqueous**	**GC 24**	**04/18/12**	**04/18/12 15:49**	**120418B01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	1300	50	1		ug/L

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	102	38-134	

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

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

Date Received: 04/10/12
Work Order No: 12-04-0558
Preparation: EPA 5030C
Method: EPA 8015B (M)

Project: ExxonMobil 79374/022735C

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-6-MW4	**12-04-0558-6-F**	**04/06/12 08:40**	**Aqueous**	**GC 24**	**04/18/12**	**04/18/12 17:29**	**120418B01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	9100	100	2	HD	ug/L

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	133	38-134	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-9-MW5	**12-04-0558-7-F**	**04/06/12 09:00**	**Aqueous**	**GC 24**	**04/18/12**	**04/18/12 16:23**	**120418B01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	6000	50	1	HD	ug/L

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	156	38-134	AZ

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-10-MW6	**12-04-0558-8-E**	**04/06/12 09:15**	**Aqueous**	**GC 24**	**04/18/12**	**04/18/12 16:56**	**120418B01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	1400	50	1	HD	ug/L

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	107	38-134	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-436-7,336**	**N/A**	**Aqueous**	**GC 24**	**04/18/12**	**04/18/12 10:34**	**120418B01**

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

Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	76	38-134	

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

Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received: 04/10/12
Work Order No: 12-04-0558
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: ExxonMobil 79374/022735C

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-9-MW1	**12-04-0558-2-A**	**04/06/12 08:10**	**Aqueous**	**GC/MS L**	**04/10/12**	**04/11/12 04:05**	**120410L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	2.1	0.50	1		Diisopropyl Ether (DIPE)	ND	0.50	1	U
Toluene	ND	0.50	1	U	Ethyl-t-Butyl Ether (ETBE)	ND	0.50	1	U
Ethylbenzene	ND	0.50	1	U	Tert-Amyl-Methyl Ether (TAME)	ND	0.50	1	U
Xylenes (total)	ND	0.50	1	U	1,2-Dibromoethane	ND	0.50	1	U
Methyl-t-Butyl Ether (MTBE)	ND	0.50	1	U	1,2-Dichloroethane	ND	0.50	1	U
Tert-Butyl Alcohol (TBA)	ND	5.0	1	U					

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	98	68-120		Dibromofluoromethane	100	80-127	
1,2-Dichloroethane-d4	107	80-128		Toluene-d8	95	80-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-10-MW2	**12-04-0558-3-A**	**04/06/12 08:30**	**Aqueous**	**GC/MS L**	**04/10/12**	**04/11/12 04:32**	**120410L02**

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

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	93	68-120		Dibromofluoromethane	103	80-127	
1,2-Dichloroethane-d4	106	80-128		Toluene-d8	98	80-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-10-MW3	**12-04-0558-4-A**	**04/06/12 08:20**	**Aqueous**	**GC/MS L**	**04/10/12**	**04/11/12 04:59**	**120410L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	300	20	40		Diisopropyl Ether (DIPE)	ND	20	40	U
Toluene	120	20	40		Ethyl-t-Butyl Ether (ETBE)	ND	20	40	U
Ethylbenzene	1100	20	40		Tert-Amyl-Methyl Ether (TAME)	ND	20	40	U
Xylenes (total)	180	20	40		1,2-Dibromoethane	ND	20	40	U
Methyl-t-Butyl Ether (MTBE)	ND	20	40	U	1,2-Dichloroethane	ND	20	40	U
Tert-Butyl Alcohol (TBA)	ND	200	40	U					

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	102	68-120		Dibromofluoromethane	95	80-127	
1,2-Dichloroethane-d4	98	80-128		Toluene-d8	101	80-120	

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Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received: 04/10/12
Work Order No: 12-04-0558
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: ExxonMobil 79374/022735C

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-8-MW3A	**12-04-0558-5-B**	**04/06/12 09:30**	**Aqueous**	**GC/MS L**	**04/11/12**	**04/11/12 20:38**	**120411L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	41	2.0	4		Diisopropyl Ether (DIPE)	ND	2.0	4	U
Toluene	7.5	2.0	4		Ethyl-t-Butyl Ether (ETBE)	ND	2.0	4	U
Ethylbenzene	140	2.0	4		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	4	U
Xylenes (total)	38	2.0	4		1,2-Dibromoethane	ND	2.0	4	U
Methyl-t-Butyl Ether (MTBE)	ND	2.0	4	U	1,2-Dichloroethane	ND	2.0	4	U
Tert-Butyl Alcohol (TBA)	ND	20	4	U					

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	102	68-120		Dibromofluoromethane	101	80-127	
1,2-Dichloroethane-d4	104	80-128		Toluene-d8	98	80-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-6-MW4	**12-04-0558-6-A**	**04/06/12 08:40**	**Aqueous**	**GC/MS L**	**04/10/12**	**04/11/12 05:54**	**120410L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	380	10	20		Diisopropyl Ether (DIPE)	ND	10	20	U
Toluene	40	10	20		Ethyl-t-Butyl Ether (ETBE)	ND	10	20	U
Ethylbenzene	220	10	20		Tert-Amyl-Methyl Ether (TAME)	ND	10	20	U
Xylenes (total)	410	10	20		1,2-Dibromoethane	ND	10	20	U
Methyl-t-Butyl Ether (MTBE)	ND	10	20	U	1,2-Dichloroethane	ND	10	20	U
Tert-Butyl Alcohol (TBA)	ND	100	20	U					

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	99	68-120		Dibromofluoromethane	95	80-127	
1,2-Dichloroethane-d4	103	80-128		Toluene-d8	97	80-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-9-MW5	**12-04-0558-7-B**	**04/06/12 09:00**	**Aqueous**	**GC/MS L**	**04/11/12**	**04/11/12 21:06**	**120411L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	62	5.0	10		Diisopropyl Ether (DIPE)	ND	5.0	10	U
Toluene	17	5.0	10		Ethyl-t-Butyl Ether (ETBE)	ND	5.0	10	U
Ethylbenzene	360	5.0	10		Tert-Amyl-Methyl Ether (TAME)	ND	5.0	10	U
Xylenes (total)	680	5.0	10		1,2-Dibromoethane	ND	5.0	10	U
Methyl-t-Butyl Ether (MTBE)	ND	5.0	10	U	1,2-Dichloroethane	ND	5.0	10	U
Tert-Butyl Alcohol (TBA)	ND	50	10	U					

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	102	68-120		Dibromofluoromethane	96	80-127	
1,2-Dichloroethane-d4	103	80-128		Toluene-d8	98	80-120	

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Calscience Environmental Laboratories, Inc.

Analytical Report

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

Date Received: 04/10/12
Work Order No: 12-04-0558
Preparation: EPA 5030C
Method: EPA 8260B
Units: ug/L

Project: ExxonMobil 79374/022735C

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
W-10-MW6	**12-04-0558-8-A**	**04/06/12 09:15**	**Aqueous**	**GC/MS L**	**04/10/12**	**04/11/12 06:49**	**120410L02**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	2.4	0.50	1		Diisopropyl Ether (DIPE)	ND	0.50	1	U
Toluene	ND	0.50	1	U	Ethyl-t-Butyl Ether (ETBE)	ND	0.50	1	U
Ethylbenzene	13	0.50	1		Tert-Amyl-Methyl Ether (TAME)	ND	0.50	1	U
Xylenes (total)	15	0.50	1		1,2-Dibromoethane	ND	0.50	1	U
Methyl-t-Butyl Ether (MTBE)	ND	0.50	1	U	1,2-Dichloroethane	ND	0.50	1	U
Tert-Butyl Alcohol (TBA)	ND	5.0	1	U					

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	101	68-120		Dibromofluoromethane	91	80-127	
1,2-Dichloroethane-d4	97	80-128		Toluene-d8	101	80-120	

Method Blank	099-12-884-837	N/A	Aqueous	GC/MS L	04/10/12	04/10/12 23:30	120410L02

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

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	95	68-120		Dibromofluoromethane	111	80-127	
1,2-Dichloroethane-d4	106	80-128		Toluene-d8	92	80-120	

Method Blank	099-12-884-838	N/A	Aqueous	GC/MS L	04/11/12	04/11/12 11:56	120411L01

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

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	93	68-120		Dibromofluoromethane	102	80-127	
1,2-Dichloroethane-d4	110	80-128		Toluene-d8	94	80-120	

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

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

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

Date Received: 04/10/12
Work Order No: 12-04-0558
Preparation: EPA 5030C
Method: EPA 8015B (M)

Project ExxonMobil 79374/022735C

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
W-9-MW1	**Aqueous**	**GC 24**	**04/18/12**	**04/18/12**	**120418S01**

Parameter	SPIKE ADDED	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	2000	105	101	68-122	4	0-18	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

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

Date Received: 04/10/12
Work Order No: 12-04-0558
Preparation: EPA 5030C
Method: EPA 8260B

Project ExxonMobil 79374/022735C

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
12-04-0555-1	**Aqueous**	**GC/MS L**	**04/10/12**	**04/11/12**	**120410S02**

Parameter	SPIKE ADDED	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	10.00	105	97	76-124	8	0-20	
Toluene	10.00	99	101	80-120	1	0-20	
Ethylbenzene	10.00	106	105	78-126	1	0-20	
Methyl-t-Butyl Ether (MTBE)	10.00	85	92	67-121	9	0-49	
Tert-Butyl Alcohol (TBA)	50.00	187	188	36-162	1	0-30	HX
Diisopropyl Ether (DIPE)	10.00	79	109	60-138	33	0-45	
Ethyl-t-Butyl Ether (ETBE)	10.00	106	118	69-123	11	0-30	
Tert-Amyl-Methyl Ether (TAME)	10.00	101	99	65-120	2	0-20	
Ethanol	100.0	101	118	30-180	15	0-72	
1,2-Dibromoethane	10.00	105	101	80-120	4	0-20	
1,2-Dichloroethane	10.00	102	104	80-120	2	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

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

Date Received: 04/10/12
Work Order No: 12-04-0558
Preparation: EPA 5030C
Method: EPA 8260B

Project ExxonMobil 79374/022735C

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
12-04-0624-2	**Aqueous**	**GC/MS L**	**04/11/12**	**04/11/12**	**120411S01**

Parameter	SPIKE ADDED	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	10.00	118	103	76-124	2	0-20	
Toluene	10.00	104	93	80-120	11	0-20	
Ethylbenzene	10.00	107	115	78-126	7	0-20	
Methyl-t-Butyl Ether (MTBE)	10.00	98	107	67-121	10	0-49	
Tert-Butyl Alcohol (TBA)	50.00	149	109	36-162	31	0-30	BA
Diisopropyl Ether (DIPE)	10.00	99	105	60-138	6	0-45	
Ethyl-t-Butyl Ether (ETBE)	10.00	97	106	69-123	8	0-30	
Tert-Amyl-Methyl Ether (TAME)	10.00	97	111	65-120	13	0-20	
Ethanol	100.0	82	81	30-180	1	0-72	
1,2-Dibromoethane	10.00	99	110	80-120	10	0-20	
1,2-Dichloroethane	10.00	138	145	80-120	5	0-20	HX

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

Cardno ERI		Date Received:	N/A
601 North McDowell Blvd.		Work Order No:	12-04-0558
Petaluma, CA 94954-2312		Preparation:	EPA 3510C
		Method:	EPA 8015B (M)

Project: ExxonMobil 79374/022735C

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-234-1,077	**Aqueous**	**GC 47**	**04/11/12**	**04/12/12**	**120411B14S**

Parameter	SPIKE ADDED	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Motor Oil	2000	95	91	75-117	4	0-13	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

Cardno ERI		Date Received:	N/A
601 North McDowell Blvd.		Work Order No:	12-04-0558
Petaluma, CA 94954-2312		Preparation:	EPA 3510C
		Method:	EPA 8015B (M)

Project: ExxonMobil 79374/022735C

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-330-2,195	**Aqueous**	**GC 47**	**04/11/12**	**04/12/12**	**120411B13S**

Parameter	SPIKE ADDED	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Diesel	2000	94	94	75-117	1	0-13	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

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

Date Received: N/A
Work Order No: 12-04-0558
Preparation: EPA 5030C
Method: EPA 8015B (M)

Project: ExxonMobil 79374/022735C

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-436-7,336	**Aqueous**	**GC 24**	**04/18/12**	**04/18/12**	**120418B01**

Parameter	SPIKE ADDED	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	2000	111	110	78-120	0	0-10	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

Cardno ERI		Date Received:	N/A
601 North McDowell Blvd.		Work Order No:	12-04-0558
Petaluma, CA 94954-2312		Preparation:	EPA 5030C
		Method:	EPA 8260B

Project: ExxonMobil 79374/022735C

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-884-837	**Aqueous**	**GC/MS L**	**04/10/12**	**04/10/12**	**120410L02**

Parameter	SPIKE ADDED	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Benzene	10.00	118	103	80-120	73-127	13	0-20	
Toluene	10.00	108	105	80-120	73-127	2	0-20	
Ethylbenzene	10.00	109	101	80-120	73-127	8	0-20	
Methyl-t-Butyl Ether (MTBE)	10.00	96	110	69-123	60-132	14	0-20	
Tert-Butyl Alcohol (TBA)	50.00	102	98	63-123	53-133	4	0-20	
Diisopropyl Ether (DIPE)	10.00	107	90	59-137	46-150	17	0-37	
Ethyl-t-Butyl Ether (ETBE)	10.00	110	96	69-123	60-132	14	0-20	
Tert-Amyl-Methyl Ether (TAME)	10.00	103	99	70-120	62-128	3	0-20	
Ethanol	100.0	88	65	28-160	6-182	30	0-57	
1,2-Dibromoethane	10.00	106	99	79-121	72-128	7	0-20	
1,2-Dichloroethane	10.00	109	108	80-120	73-127	1	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

ACCREDITED IN ACCORDANCE WITH nelac

Cardno ERI		Date Received:	N/A
601 North McDowell Blvd.		Work Order No:	12-04-0558
Petaluma, CA 94954-2312		Preparation:	EPA 5030C
		Method:	EPA 8260B

Project: ExxonMobil 79374/022735C

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-884-838	Aqueous	GC/MS L	04/11/12	04/11/12	120411L01

Parameter	SPIKE ADDED	LCS %REC	LCSD %REC	%REC CL	ME_CL	RPD	RPD CL	Qualifiers
Benzene	10.00	103	96	80-120	73-127	7	0-20	
Toluene	10.00	106	102	80-120	73-127	4	0-20	
Ethylbenzene	10.00	109	105	80-120	73-127	4	0-20	
Methyl-t-Butyl Ether (MTBE)	10.00	94	113	69-123	60-132	18	0-20	
Tert-Butyl Alcohol (TBA)	50.00	95	95	63-123	53-133	0	0-20	
Diisopropyl Ether (DIPE)	10.00	122	86	59-137	46-150	35	0-37	
Ethyl-t-Butyl Ether (ETBE)	10.00	112	96	69-123	60-132	16	0-20	
Tert-Amyl-Methyl Ether (TAME)	10.00	102	99	70-120	62-128	3	0-20	
Ethanol	100.0	88	88	28-160	6-182	1	0-57	
1,2-Dibromoethane	10.00	103	105	79-121	72-128	2	0-20	
1,2-Dichloroethane	10.00	106	105	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.

Glossary of Terms and Qualifiers

Work Order Number: 12-04-0558

Qualifier	Definition
AZ	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.
B	Analyte was present in the associated method blank.
BA	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.
BB	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.
BU	Sample analyzed after holding time expired.
DF	Reporting limits elevated due to matrix interferences.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
GE	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.
HD	Chromat. profile inconsistent with pattern(s) of ref. fuel stnds.
HO	High concentration matrix spike recovery out of limits
HT	Analytical value calculated using results from associated tests.
HX	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.
IL	Relative percent difference out of control.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
LD	Analyte presence was not confirmed by second column or GC/MS analysis.
LP	The LCS and/or LCSD recoveries for this analyte were above the upper control limit. The associated sample was non-detected. Therefore, the sample data was reported without further clarification.
LQ	LCS recovery above method control limits.
LR	LCS recovery below method control limits.
ND	Parameter not detected at the indicated reporting limit.
QO	Compound did not meet method-described identification guidelines. Identification was based on additional GC/MS characteristics.
RU	LCS/LCSD Recovery Percentage is within Marginal Exceedance (ME) Control Limit range.
SG	A silica gel cleanup procedure was performed.
SN	See applicable analysis comment.
U	Undetected at detection limit.

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.
MPN - Most Probable Number

Calscience Environmental Laboratories, Inc.

7440 Lincoln Way
Garden Grove, CA 92841

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

ExxonMobil

12-04-0558

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): Steven Church
Sampler Signature:

Account #: NA **PO#:** Direct Bill Cardno ERI
Invoice To: Direct Bill Cardno ERI
Report To: Paula Sime
Project Name: 02 2735 C
ExxonMobil Site #: 79374 **Major Project (AFE #):**
Site Address: 990 San Pablo Avenue
Site City, State, Zip: Albany, 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: Unpreserved	None	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Air	Other (specify): Distilled Water	Analyze For: TPHg 8015M	TPHd 8015M	TPHmo 8015M	BTEX 8260B	7 Oxygenates 8260B			RUSH TAT (Pre-Schedule)	5-day TAT	Standard 10-day TAT	Due Date of Report
1	QCBB		4-6-12	940	2						2v														X		H	O	L	D						
2	W- 9 -MW1	MW1		810	8						6v						2A		X							X	X	X	X	X					X	
3	W- 10 -MW2	MW2		820	8						6v						2A		X							X	X	X	X	X					X	
4	W- 10 -MW3	MW3		820	8						6v						2A		X							X	X	X	X	X					X	
5	W- 8 -MW3A	MW3A		930	8						6v						2A		X							X	X	X	X	X					X	
6	W- 6 -MW4	MW4		840	8						6v						2A		X							X	X	X	X	X					X	
7	W- 9 -MW5	MW5		900	8						6v						2A		X							X	X	X	X	X					X	
8	W- 10 -MW6	MW6	↓	915	8						6v						2A		X							X	X	X	X	X					X	

Comments/Special Instructions:
PLEASE E-MAIL ALL PDF FILES TO
norcallabs@eri-us.com; ERI-EIMLABS@eri-us.com
GLOBAL ID # T0619716673

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

Relinquished by:		Date	Time	Received by:	Date	Time
		4/9/12	1455	Tom Malley CER	4/9/12	1455
Relinquished by: Tom Malley TO GSO		4/9/12	1730	Received by (Lab personnel):	4/10/12	0800

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

0558

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 #: 518854125

NPS

ORC

A

GARDEN GROVE

D92841A

229129

Print Date : 04/09/12 16:22 PM

Package 1 of 1

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

LABEL INSTRUCTIONS:

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

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

ADDITIONAL OPTIONS:

Send Label Via Email | Create Return Label

TERMS AND CONDITIONS:

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

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 12-04-0558

SAMPLE RECEIPT FORM

Cooler 1 of 1

CLIENT: CardnoERI DATE: 04/10/12

TEMPERATURE: Thermometer ID: SC2 (Criteria: 0.0 °C – 6.0 °C, not frozen)

Temperature 2.2 °C - 0.3 °C (CF) = 1.9 °C ☑ Blank ☐ Sample

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

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

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

Ambient Temperature: ☐ Air ☐ Filter Initial: AP

CUSTODY SEALS INTACT:

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

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

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 / Res. Chlorine / Diss. Sulfide / Diss. Oxygen received within 24 hours	☐	☐	☑
Proper preservation noted on COC or sample container	☑	☐	☐
☐ Unpreserved vials received for Volatiles analysis			
Volatile analysis container(s) free of headspace	☑	☐	☐
Tedlar bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE:

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

Water: ☐VOA ☑VOAh (6) ☐VOAna_2 ☐125AGB ☐125AGBh ☐125AGBp ☐1AGB ☐1AGBna_2 ☐1AGBs ☐500AGB ☑500AGJ (2) ☐500AGJs ☐250AGB ☐250CGB ☐250CGBs ☐1PB ☐1PBna ☐500PB ☐250PB ☐250PBn ☐125PB ☐125PBznna ☐100PJ ☐100PJna_2 ☐_____ ☐_____ ☐_____

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

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

Preservative: h: HCL n: HNO_3 na_2:$Na_2S_2O_3$ na: NaOH p: H_3PO_4 s: H_2SO_4 u: Ultra-pure znna: $ZnAc_2$+NaOH f: Filtered **Scanned by:** WSC

APPENDIX D

WASTE DISPOSAL DOCUMENTATION

NON-HAZARDOUS WASTE MANIFEST

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

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest Document No. CR12735

2. Page 1 of 1

3. Generator's Name and Mailing Address
EMF# 79374
990 SAN PABLO AVE
ALBANY, CA

4. Generator's Phone ( )

CARDNO ERI

5. Transporter 1 Company Name: CARDNO ERI

6. US EPA ID Number

A. State Transporter's ID

B. Transporter 1 Phone

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 INC
1145 CAMPORT RD
RIO VISTA, CA 94571

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone (707) 374-5884

11. WASTE DESCRIPTION	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. NON-HAZ PURGE WATER	01	POLY	79	GAL
b.				
c.				
d.				

G. Additional Descriptions for Materials Listed Above
BROWN, NO SOLIDS / ODOR

H. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

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

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

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Steven Church | Signature | Date: Month 4 Day 19 Year 12

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 INC

Printed/Typed Name: MICHAEL WHITEHEAD | Signature | Date: Month 4 Day 19 Year 12

NON-HAZARDOUS WASTE