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

June 23, 2017

Mr. Mark Detterman
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 Mr. Detterman:

Attached for your review and comment is a copy of the letter report entitled ***Semi-Annual Groundwater Monitoring and Remediation Status Report, Second Quarter 2017,*** dated June 23, 2017, for the above-referenced site. The report was prepared by Cardno of Petaluma, California, and details activities related to the subject site.

I have read and acknowledge the content, recommendations and/or conclusions contained in the attached document or report submitted on my behalf to ACDEH's FTP server and the SWRCB's GeoTracker website.

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

Sincerely,

Jennifer C. Sedlachek
Project Manager

Attachment: Cardno's ***Semi-Annual Groundwater Monitoring and Remediation Status Report, Second Quarter 2017,*** dated June 23, 2017

cc: w/ attachment
Ms. Muriel T. Blank, Trustee, The Blank Family Trust
Reverend Deborah Blank, Trustee, The Blank Family Trust
Ms. Marcia Blank Kelly, The Blank Family Trust
Mr. Charles Drexler, Esq.

w/o attachment
Mr. Scott Perkins, Cardno

June 23, 2017
Cardno 2735C.Q172

Cardno

601 N. McDowell Boulevard
Petaluma, CA 94954
USA

Phone: +1 800 382 9105
Fax: +1 707 789 0414
Contractor: #997036

www.cardno.com

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

SUBJECT **Semi-Annual Groundwater Monitoring and Remediation Status Report, Second Quarter 2017**
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 performed second quarter 2017 groundwater monitoring and sampling 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:		05/26/17
Wells gauged and sampled:		MW1 through MW3, MW3A, MW4 through MW9
Wells gauged only:		AS1, SVE1 through SVE3
Presence of NAPL:		None
Laboratory:		Eurofins Calscience, 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, additional VOCs (HVOCs)
Waste disposal:		104 gallons of purge and decon water were delivered to InStrat, Inc., of Rio Vista, California, on 06/15/17

RESULTS AND CONCLUSIONS

Groundwater Flow Direction and Hydraulic Gradient

Due to varying well construction, the wells are separated into shallow and deep water-bearing zones. Wells MW3A, MW4, MW5, and SVE1 through SVE7 are screened no deeper than 15 feet bgs and are referred to as the

shallow water-bearing zone; wells MW1 through MW3 and MW6 have screened intervals that extend deeper than 15 feet bgs and are referred to as the deep water-bearing zone. The groundwater elevations in wells screened deeper than 15 feet are commonly irregular and do not agree with the distribution of petroleum hydrocarbon concentrations. Although the water-bearing zones are referred to as shallow and deep, they likely do not represent unique water-bearing zones.

During the quarter, the groundwater flow direction in the shallow water-bearing zone was towards the southwest under a hydraulic gradient of approximately 0.02. Due to varying well construction, the groundwater flow in the deep water-bearing zone was not calculated. Groundwater elevation maps for the shallow and deep water-bearing zones are included as Plates 3 and 4, respectively.

Hydrocarbons in Groundwater

Maximum petroleum hydrocarbon concentrations were reported in well MW3, located in the vicinity of the former USTs; wells MW4 and MW5, located west of the former USTs; and off-site well MW7. Petroleum hydrocarbon concentrations were consistent with recent results.

Based on the results of the groundwater sampling to date, it appears that the existing well network and previous soil borings adequately define the area of dissolved-phase concentrations.

RECOMMENDATIONS AND WORK IN PROGRESS

Cardno recommends continued semi-annual groundwater monitoring and sampling during the second and fourth quarters and conducting additional HIT events at the site.

On August 11, 2016, Cardno provided additional information to the Bay Area Air Quality Management District (BAAQMD) to allow the revision of an existing permit to be used in the proximity of a public school. The additional information was requested by the BAAQMD on July 27, 2016. The BAAQMD published the required public notice on November 15, 2016. The public comment period ended on December 15, 2016, and the revised permit was issued March 16, 2017. An additional HIT event will be scheduled as soon as power is acquired from Pacific Gas & Electric (PG&E). Due to the noise associated with a portable generator, it is not feasible to run the system 24 hours per day without power.

LIMITATIONS

For documents cited that were not generated by Cardno, the data taken from those documents is used “as is” and is assumed to be accurate. Cardno 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 and the work performed have been undertaken in good faith, with due diligence and with the expertise, experience, capability, and specialized knowledge necessary to perform the work in a good and workmanlike manner and within all accepted standards pertaining to providers of environmental services 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 Mr. Scott Perkins, Cardno's project manager for this site, at scott.perkins@cardno.com or at (707) 766-2000 with any questions regarding this report.

Sincerely,

Christine M. Capwell
Senior Technical Editor
for Cardno
707 766 2000
Email: christine.capwell@cardno.com

David R. Daniels
P.G. 8737
for Cardno
707 766 2000
Email: david.daniels@cardno.com

Enclosures:

Acronym List

Plate 1	Site Vicinity Map
Plate 2	Select Analytical Results
Plate 3	Groundwater Elevation Map, Shallow Water-Bearing Zone
Plate 4	Groundwater Elevation Map, Deep Water-Bearing Zone
Table 1A	Cumulative Groundwater Monitoring and Sampling Data
Table 1B	Additional Cumulative Groundwater Monitoring and Sampling Data – VOCs
Table 1C	Additional Cumulative Groundwater Monitoring and Sampling Data – VOCs
Table 2	Well Construction Details
Appendix A	Protocols
Appendix B	Field Data Sheets
Appendix C	Laboratory Analytical Report
Appendix D	Waste Disposal Documentation

cc: Mr. Mark Detterman, 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

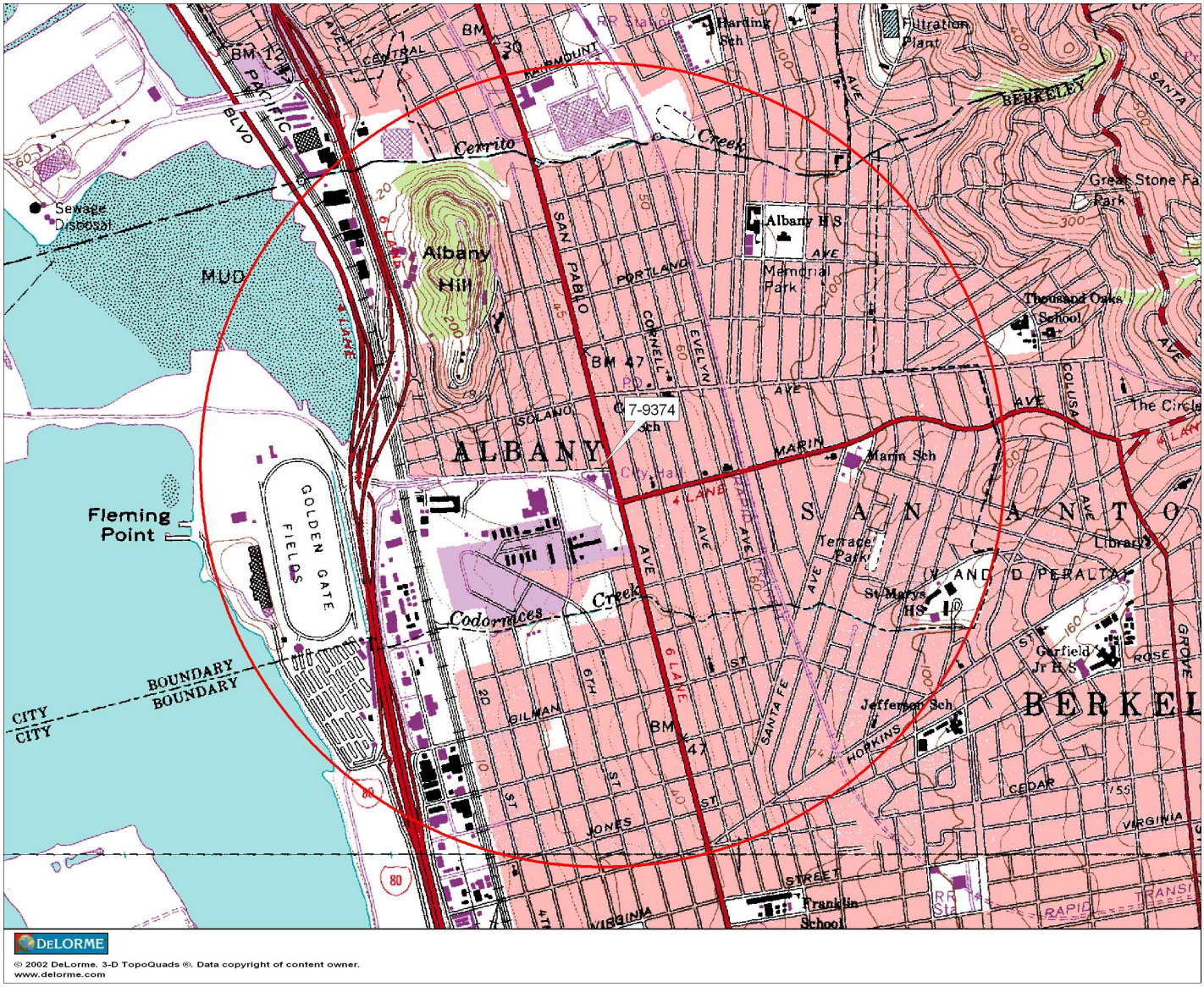
Reverend Deborah Blank, Trustee, The Blank Family Trust, 1563 Solano Avenue, #344, Berkeley, California, 94707

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

Mr. Charles Drexler, Esq., 1724 Mandela Parkway, Suite 1, Oakland, California, 94607

ACRONYM LIST

µg/L	Micrograms per liter
µg/m^3	Micrograms per cubic meter
µs	Microsiemens
1,2-DCA	1,2-dichloroethane
acfm	Actual cubic feet per minute
AS	Air sparge
AST	Aboveground storage tank
bgs	Below ground surface
BTEX	Benzene, toluene, ethylbenzene, and total xylenes
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
HIT	High-intensity targeted
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 and Instrumentation Diagram
PAH	Polycyclic aromatic (or polyaromatic) 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	Semi-volatile 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
TPH	Total petroleum hydrocarbons
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

SITE VICINITY MAP

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

Cardno Shaping the Future

PROJECT NO. 2735

PLATE 1

Analyte Concentrations in ug/L
Sampled May 26, 2017

Total Petroleum Hydrocarbons as gasoline
Benzene
Methyl Tertiary Butyl Ether

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

NOTE:
Air sparge and soil vapor extraction wells not routinely sampled.

APPROXIMATE SCALE
0 20 40 Feet

FN 2735 17 2QTR QM

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SELECT ANALYTICAL RESULTS
May 26, 2017

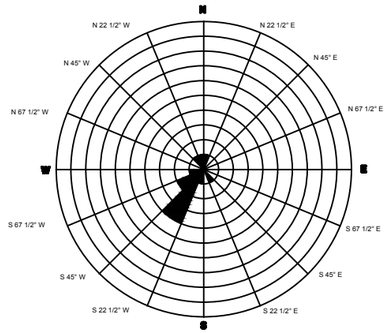
FORMER EXXON SERVICE STATION 79374
990 San Pablo Avenue
Albany, California

EXPLANATION

MW6 Groundwater Monitoring Well
CPT2 Cone Penetration Test Boring
AS1 Air Sparge Well
HP2B Hydropunch Boring
SVE7 Soil Vapor Extraction Well
SVS8 Soil Vapor Sampling Well

PROJECT NO. 2735

PLATE 2



GROUNDWATER FLOW DIRECTION
ROSE DIAGRAM

APPROXIMATE SCALE

0 20 40 Feet

FN 2735 17 2QTR QM

NOTE:
Air sparge and soil vapor extraction wells not routinely sampled.

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GROUNDWATER ELEVATION MAP
SHALLOW WATER-BEARING ZONE
May 26, 2017

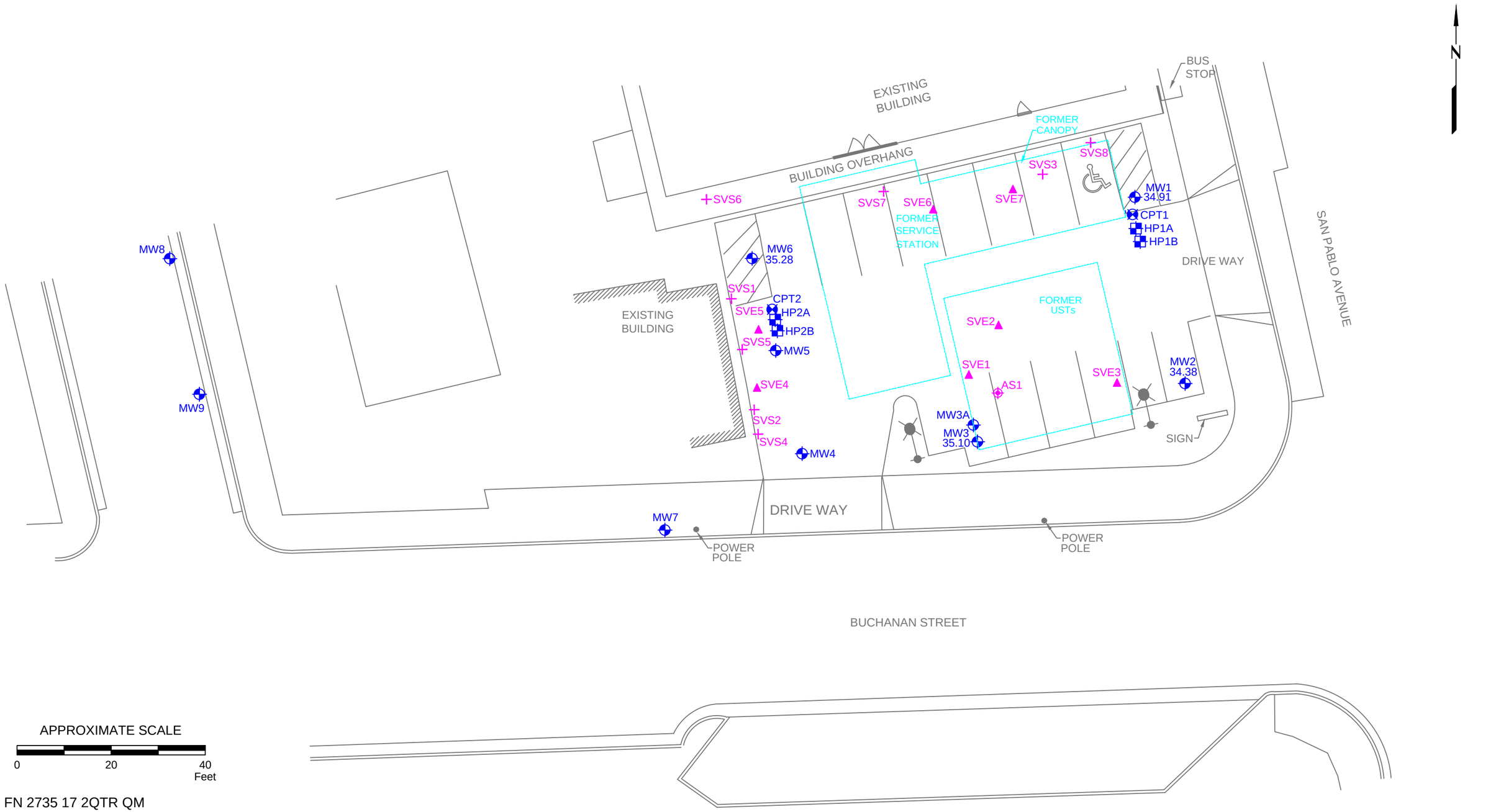
FORMER EXXON SERVICE STATION 79374
990 San Pablo Avenue
Albany, California

EXPLANATION

- MW6 — Groundwater Monitoring Well
- CPT2 — Cone Penetration Test Boring
- AS1 — Air Sparge Well
- 33.40 — Groundwater elevation in feet; datum is NAVD88
- HP2B — Hydropunch Boring
- SVE7 — Soil Vapor Extraction Well
- i = Interpreted Hydraulic Gradient
- 35.5 — Line of Equal Groundwater Elevation; datum is NAVD88
- SVS8 — Soil Vapor Sampling Well

PROJECT NO.
2735

PLATE
3



FN 2735 17 2QTR QM

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GROUNDWATER ELEVATION MAP
DEEP WATER-BEARING ZONE
May 26, 2017

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

EXPLANATION

- MW6 — Groundwater Monitoring Well
- 35.28 — Groundwater elevation in feet; datum is NAVD88
- CPT2 — Cone Penetration Test Boring
- HP2B — Hydropunch Boring
- AS1 — Air Sparge Well
- SVE7 — Soil Vapor Extraction Well
- SVS8 — Soil Vapor Sampling Well

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.	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
MW1	10/19/12	---	41.45	10.42	31.03	No	---	<250	<50	<50	<0.50	0.51	2.2	<0.50	0.65
MW1	06/11/13	---	41.45	10.48	30.97	No	---	<250	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50
MW1	12/19/13	---	41.45	10.67	30.78	No	---	<250	<50	<50	<0.50	<0.50	1.3	<0.50	0.53
MW1	04/03/14	---	44.19	Elevation converted to NAVD88.											
MW1	04/30/14	---	44.19	9.49	34.70	No	---	---	---	---	---	---	---	---	---
MW1	05/01/14	---	44.19	---	---	---	---	<240	<48	<50	<0.50	<0.50	<0.50	<0.50	<0.50
MW1	10/28/14	---	44.19	10.85	33.34	No	---	<250	61a	59	<0.50	1.2	<0.50	0.64	<0.50
MW1	06/02/15	---	44.19	10.35	33.84	No	---	<250	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50
MW1	11/18/15	---	44.19	10.72	33.47	No	---	---	---	---	---	---	---	---	---
MW1	11/19/15	---	44.19	---	---	---	---	<240	<47	<50	<0.50	<0.50	<0.50	<0.50	<0.50
MW1	05/02/16	---	44.19	11.14	33.05	No	---	320a	210a	<50	<2.0	<2.0	<2.0	<2.0	<2.0
MW1	10/07/16	---	44.19	10.65	33.54	No	---	<250	<50	<50	<1.0n	<1.0n	<1.0n	<1.0n	<1.0n
MW1	**05/26/17**	**---**	**44.19**	**9.28**	**34.91**	**No**	**---**	**<230**	**93a**	**94a**	**<0.50**	**1.3**	**<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
MW2	10/19/12	---	41.25	11.03	30.22	No	---	<250	<50	59a	<0.50	<0.50	<0.50	<0.50	<0.50
MW2	06/11/13	---	41.25	10.67	30.58	No	---	<250	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50
MW2	12/19/13	---	41.25	10.77	30.48	No	---	<250	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50
MW2	04/03/14	---	43.99	Elevation converted to NAVD88.											
MW2	04/30/14	---	43.99	9.63	34.36	No	---	---	---	---	---	---	---	---	---
MW2	05/01/14	---	43.99	---	---	---	---	<240	<48	53a	<0.50	<0.50	<0.50	<0.50	<0.50
MW2	10/28/14	---	43.99	11.03	32.96	No	---	<250	78a	<50	<0.50	<0.50	<0.50	<0.50	<0.50
MW2	06/02/15	---	43.99	10.50	33.49	No	---	<250	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50
MW2	11/18/15	---	43.99	10.87	33.12	No	---	---	---	---	---	---	---	---	---
MW2	11/19/15	---	43.99	---	---	---	---	<240	60a	<50	<0.50	<0.50	<0.50	<0.50	<0.50
MW2	05/02/16	---	43.99	10.02	33.97	No	---	290a	180a	<50	<1.0	<1.0	<1.0	<1.0	<1.0

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.	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)
MW2	10/07/16	---	43.99	10.91	33.08	No	---	<250	<50	<50	<1.0n	<1.0n	<1.0n	<1.0n	<1.0n
MW2	**05/26/17**	**---**	**43.99**	**9.61**	**34.38**	**No**	**---**	**<230**	**<45**	**<50**	**<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
MW3	10/19/12	---	40.42	9.37	31.05	No	---	<250	1,700a	11,000a	<10	380	120	740	150
MW3	06/11/13	---	40.42	9.48	30.94	No	---	<250	2,700a	17,000	<10	270	110	990	140
MW3	12/19/13	---	40.42	10.00	30.42	No	---	---	---	---	---	---	---	---	---
MW3	12/20/13	---	40.42	---	---	---	---	<250	2,000a	16,000	<10	310	120	710	120
MW3	04/03/14	---	43.16	Elevation converted to NAVD88.											
MW3	04/30/14	---	43.16	9.17	33.99	No	---	---	---	---	---	---	---	---	---
MW3	05/01/14	---	43.16	---	---	---	---	<240	3,100a	18,000	<10	230	110	1,100	170
MW3	10/28/14	---	43.16	10.10	33.06	No	---	<250	4,800a	17,000	<20	330	120	1,200	150
MW3	06/02/15	---	43.16	9.30	33.86	No	---	<250	3,900a	18,000a	<20	290	110	850	140
MW3	11/18/15	---	43.16	10.06	33.10	No	---	---	---	---	---	---	---	---	---
MW3	11/19/15	---	43.16	---	---	---	---	<240	3,000a	1,500a	<5.0	290	110	340	100
MW3	05/02/16	---	43.16	7.09	36.07	No	---	350a	3,400a	16,000a	<5.0	310	110	1,000	150
MW3	10/07/16	---	43.16	10.13	33.03	No	---	<250	3,200a	14,000a	<10	270	100	390	89
MW3	**05/26/17**	**---**	**43.16**	**8.06**	**35.10**	**No**	**---**	**<230**	**2,700a**	**1,000a**	**<10**	**370**	**110**	**530**	**98**
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
MW3A	10/19/12	---	40.68	10.44	30.24	No	---	<250	860a	4,400a	<5.0	390	59	410	82
MW3A	06/11/13	---	40.68	9.75	30.93	No	---	<250	160a	1,100	<2.0	99	14	110	3.6
MW3A	12/19/13	---	40.68	10.05	30.63	No	---	<250	270a	1,800	<2.0	150	18	65	4.7
MW3A	04/03/14	---	43.42	Elevation converted to NAVD88.											
MW3A	04/30/14	---	43.42	7.55	35.87	No	---	---	---	---	---	---	---	---	---
MW3A	05/01/14	---	43.42	---	---	---	---	<240	<48	130a	<0.50	7.0	1.2	7.4	1.3
MW3A	10/28/14	---	43.42	10.33	33.09	No	---	<250	330a	1,600	<0.50	150	17	26	4.0
MW3A	06/02/15	---	43.42	9.48	33.94	No	---	<250	89a	170a	<0.50	14	0.95	6.7	1.8
MW3A	11/18/15	---	43.42	10.15	33.27	No	---	---	---	---	---	---	---	---	---
MW3A	11/19/15	---	43.42	---	---	---	---	<240	240a	660a	<2.0	86	7.2	3.8	3.6
MW3A	05/02/16	---	43.42	7.72	35.70	No	---	270a	200a	92a	<0.50	1.7	<0.50	1.5	<0.50
MW3A	10/07/16	---	43.42	10.31	33.11	No	---	<250	110a	520a	<0.50	26	2.9	1.1	1.1
MW3A	**05/26/17**	**---**	**43.42**	**7.96**	**35.46**	**No**	**---**	**<230**	**<45**	**<50**	**<0.50**	**0.92**	**<0.50**	**0.72**	**<0.50**
MW4	11/05/10	---	Well installed.												

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.	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)
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
MW4	10/19/12	---	39.30	10.64	28.66	No	---	1,400a	20,000a	270,000	<10	440	88	2,100	3,800
MW4	03/06/13	---	39.30	8.02	31.28	No	---	---	---	---	---	---	---	---	---
MW4	06/11/13	---	39.30	9.05	30.25	No	---	<250	3,400a	16,000	<10	430	48	520	820
MW4	12/19/13	---	39.30	8.95	30.35	No	---	---	---	---	---	---	---	---	---
MW4	12/20/13	---	39.30	---	---	---	---	<250	2,800a	13,000	<10	590	41	430	530
MW4	03/05/14	---	39.30	---	---	No	---	---	---	---	---	---	---	---	---
MW4	04/03/14	---	42.04	Elevation converted to NAVD88.											
MW4	04/30/14	---	42.04	6.25	35.79	No	---	---	---	---	---	---	---	---	---
MW4	05/01/14	---	42.04	---	---	---	---	<240	3,000a	13,000	<10	520	46	310	340
MW4	10/28/14	---	42.04	10.20	31.84	No	---	<250	7,400a	15,000	<10	590	42	360	230
MW4	06/02/15	---	42.04	9.60	32.44	Sheen	---	<250	5,100a	22,000	<10	490	36	280	170
MW4	11/18/15	---	42.04	8.58	33.46	No	---	---	---	---	---	---	---	---	---
MW4	11/19/15	---	42.04	---	---	---	---	930a	7,600a	1,800a	<5.0	290	21	180	140
MW4	05/02/16	---	42.04	6.31	35.73	No	---	1,900a	14,000a	13,000a	<5.0	530	40	250	220
MW4	10/07/16	---	42.04	9.53	32.51	No	---	<250	3,700a	7,000a	<10	300	27	140	120
MW4	**05/26/17**	**---**	**42.04**	**6.85**	**35.19**	**No**	**---**	**<230**	**3,400a**	**9,600a**	**<5.0**	**510**	**33**	**190**	**85**
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
MW5	10/19/12	---	40.38	10.64	29.74	No	---	280a	2,100a	15,000	<20	580	63	950	1,400
MW5	06/11/13	---	40.38	10.06	30.32	No	---	<250	2,700a	13,000	<20	540	36	930	1,200
MW5	12/19/13	---	40.38	9.85	30.53	No	---	---	---	---	---	---	---	---	---
MW5	12/20/13	---	40.38	---	---	---	---	<250	2,100a	21,000	<20	370	36	1,500	1,400
MW5	04/03/14	---	43.12	Elevation converted to NAVD88.											
MW5	04/30/14	---	43.12	7.51	35.61	No	---	---	---	---	---	---	---	---	---
MW5	05/01/14	---	43.12	---	---	---	---	<240	2,000a	10,000	<10	170	10	600	510
MW5	10/28/14	---	43.12	10.00	33.12	No	---	360a	6,200a	16,000	<10	550	17	890	360
MW5	06/02/15	---	43.12	9.68	33.44	Sheen	---	340a	4,400a	19,000	<20	340	<20	880	430
MW5	11/18/15	---	43.12	9.18	33.94	No	---	---	---	---	---	---	---	---	---
MW5	11/19/15	---	43.12	---	---	---	---	1,200a	8,300a	5,000	<20	230	<20	710	320
MW5	05/02/16	---	43.12	7.42	35.70	No	---	360a	3,000a	15,000	<20	110	<20	470	200

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.	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	10/07/16	---	43.12	10.51	32.61	No	---	830a	7,400a	12,000a	<10	330	<10	480	58
MW5	**05/26/17**	**---**	**43.12**	**7.77**	**35.35**	**No**	**---**	**720a**	**3,800a**	**820a**	**<4.0**	**100**	**<4.0**	**160**	**29**
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
MW6	10/19/12	---	41.06	11.36	29.70	No	---	<250	99a	510a	<0.50	4.2	1.6	8.0	7.0
MW6	06/11/13	---	41.06	10.81	30.25	No	---	<250	150a	500	<0.50	<0.50	<0.50	2.4	1.1
MW6	12/19/13	---	41.06	10.78	30.28	No	---	<250	68a	440	<0.50	<0.50	<0.50	2.3	0.87
MW6	04/03/14	---	43.80	Elevation converted to NAVD88.											
MW6	04/30/14	---	43.80	8.23	35.57	No	---	---	---	---	---	---	---	---	---
MW6	05/01/14	---	43.80	---	---	---	---	<240	450a	1,500	<0.50	2.8	0.57	13	4.8
MW6	10/28/14	---	43.80	10.91	32.89	No	---	<250	94a	260	<0.50	0.60	<0.50	0.56	<0.50
MW6	06/02/15	---	43.80	10.40	33.40	No	---	<250	360a	1,000	<0.50	0.81	<0.50	2.0	1.1
MW6	11/18/15	---	43.80	10.06	33.74	No	---	---	---	---	---	---	---	---	---
MW6	11/19/15	---	43.80	---	---	---	---	<240	370a	530a	<0.50	1.1	<0.50	5.3	1.7
MW6	05/02/16	---	43.80	7.75	36.05	No	---	<230	790a	1,800a	<0.50	17	0.91	10	4.7
MW6	10/07/16	---	43.80	11.20	32.60	No	---	<250	180a	500a	<0.50	0.67	<0.50	<0.50	<0.50
MW6	**05/26/17**	**---**	**43.80**	**8.52**	**35.28**	**No**	**---**	**<230**	**730a**	**510a**	**<0.50**	**3.1**	**0.64**	**3.0**	**2.7**
MW7	12/08/14	---	Well installed.												
MW7	12/23/14	---	41.21	Well surveyed.											
MW7	12/30/14	---	41.21	5.36	35.85	No	---	<250	2,900a	7,300a	<5.0	52	8.9	32	15
MW7	06/02/15	---	41.21	8.75	32.46	No	---	<250	2,700a	7,800a	<5.0	110	13	39	16
MW7	11/18/15	---	41.21	7.41	33.80	No	---	---	---	---	---	---	---	---	---
MW7	11/19/15	---	41.21	---	---	---	---	1,100a	3,700a	660a	<5.0	77	8.1	27	12
MW7	05/02/16	---	41.21	7.31	33.90	No	---	1,700a	8,100a	9,000a	<5.0	100	8.1	19	11
MW7	10/07/16	---	41.21	9.52	31.69	No	---	<250	2,200a	5,600a	<4.0	140	5.7	5.7	9.0
MW7	**05/26/17**	**---**	**41.21**	**7.11**	**34.10**	**No**	**---**	**570a**	**7,800a**	**980a**	**<2.5**	**200**	**11**	**23**	**17**
MW8	12/08/14	---	Well installed.												
MW8	12/23/14	---	39.65	Well surveyed.											
MW8	12/30/14	---	39.65	3.20	36.45	No	---	<250	<49	<50	<0.50	<0.50	<0.50	<0.50	<0.50
MW8	06/02/15	---	39.65	6.33	33.32	No	---	<250	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50
MW8	11/18/15	---	39.65	5.24	34.41	No	---	<240	<47	<50	<0.50	<0.50	<0.50	<0.50	<0.50
MW8	05/02/16	---	39.65	5.01	34.64	No	---	280a	180a	<50	<0.50	<0.50	<0.50	<0.50	<0.50
MW8	10/07/16	---	39.65	7.06	32.59	No	---	<250	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50
MW8	**05/26/17**	**---**	**39.65**	**5.80**	**33.85**	**No**	**---**	**<230**	**<45**	**<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.	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)
MW9	10/08/15	---	Well installed.												
MW9	10/16/15	---	39.50	6.45	33.05	No	---	<250	270a	360a	<0.50	<0.50	<0.50	<0.50	<0.50
MW9	10/26/15	---	39.50	Well surveyed.											
MW9	11/18/15	---	39.50	5.50	34.00	No	---	<240	<47	81	<0.50	<0.50	<0.50	<0.50	<0.50
MW9	05/02/16	---	39.50	5.12	34.38	No	---	<230	150a	<50	<0.50	<0.50	<0.50	<0.50	<0.50
MW9	10/07/16	---	39.50	8.03	31.47	No	---	<250	<50	120a	<0.50	<0.50	<0.50	<0.50	<0.50
MW9	**05/26/17**	**---**	**39.50**	**6.10**	**33.40**	**No**	**---**	**<230**	**260a**	**58a**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**
AS1	01/18/12	---	Well installed.												
AS1	10/19/12	---	---	10.32	---	No	---	---	---	---	---	---	---	---	---
AS1	06/11/13	---	---	9.82	---	No	---	---	---	---	---	---	---	---	---
AS1	12/19/13	---	---	10.12	---	No	---	---	---	---	---	---	---	---	---
AS1	04/30/14	---	---	7.95	---	No	---	---	---	---	---	---	---	---	---
AS1	10/28/14	---	---	10.35	---	No	---	---	---	---	---	---	---	---	---
AS1	06/02/15	---	---	9.50	---	No	---	---	---	---	---	---	---	---	---
AS1	11/18/15	---	---	10.26	---	No	---	---	---	---	---	---	---	---	---
AS1	05/02/16	---	---	8.16	---	No	---	---	---	---	---	---	---	---	---
AS1	10/07/16	---	---	10.20	---	No	---	---	---	---	---	---	---	---	---
AS1	**05/26/17**	**---**	**---**	**8.04**	**---**	**No**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**
SVE1	01/17/12	---	Well installed.												
SVE1	02/06/12	---	40.58	Well surveyed.											
SVE1	10/19/12	---	40.58	10.21	30.37	No	---	---	---	---	---	---	---	---	---
SVE1	06/11/13	---	40.58	9.63	30.95	No	---	---	---	---	---	---	---	---	---
SVE1	12/19/13	---	40.58	9.89	30.69	No	---	---	---	---	---	---	---	---	---
SVE1	04/03/14	---	43.32	Elevation converted to NAVD88.											
SVE1	04/30/14	---	43.32	7.70	35.62	No	---	---	---	---	---	---	---	---	---
SVE1	10/28/14	---	43.32	10.17	33.15	No	---	---	---	---	---	---	---	---	---
SVE1	06/02/15	---	43.32	9.35	33.97	No	---	---	---	---	---	---	---	---	---
SVE1	11/18/15	---	43.32	9.98	33.34	No	---	---	---	---	---	---	---	---	---
SVE1	05/02/16	---	43.32	7.87	35.45	No	---	---	---	---	---	---	---	---	---
SVE1	10/07/16	---	43.32	10.06	33.26	No	---	---	---	---	---	---	---	---	---
SVE1	**05/26/17**	**---**	**43.32**	**7.79**	**35.53**	**No**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**
SVE2	01/17/12	---	Well installed.												
SVE2	02/06/12	---	40.94	Well surveyed.											
SVE2	10/19/12	---	40.94	10.48	30.46	No	---	---	---	---	---	---	---	---	---
SVE2	06/11/13	---	40.94	9.94	31.00	No	---	---	---	---	---	---	---	---	---
SVE2	12/19/13	---	40.94	10.20	30.74	No	---	---	---	---	---	---	---	---	---
SVE2	04/03/14	---	43.68	Elevation converted to NAVD88.											
SVE2	04/30/14	---	43.68	8.09	35.59	No	---	---	---	---	---	---	---	---	---
SVE2	10/28/14	---	43.68	10.50	33.18	No	---	---	---	---	---	---	---	---	---
SVE2	06/02/15	---	43.68	9.69	33.99	No	---	---	---	---	---	---	---	---	---
SVE2	11/18/15	---	43.68	10.39	33.29	No	---	---	---	---	---	---	---	---	---

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.	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)
SVE2	05/02/16	---	43.68	8.26	35.42	No	---	---	---	---	---	---	---	---	---
SVE2	10/07/16	---	43.68	10.36	33.32	No	---	---	---	---	---	---	---	---	---
SVE2	**05/26/17**	**---**	**43.68**	**8.24**	**35.44**	**No**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**
SVE3	01/17/12	---	Well installed.												
SVE3	02/06/12	---	40.93	Well surveyed.											
SVE3	10/19/12	---	40.93	10.39	30.54	No	---	---	---	---	---	---	---	---	---
SVE3	06/11/13	---	40.93	9.65	31.28	No	---	---	---	---	---	---	---	---	---
SVE3	12/19/13	---	40.93	10.31	30.62	No	---	---	---	---	---	---	---	---	---
SVE3	04/03/14	---	43.67	Elevation converted to NAVD88.											
SVE3	04/30/14	---	43.67	7.79	35.88	No	---	---	---	---	---	---	---	---	---
SVE3	10/28/14	---	43.67	10.48	33.19	No	---	---	---	---	---	---	---	---	---
SVE3	06/02/15	---	43.67	9.40	34.27	No	---	---	---	---	---	---	---	---	---
SVE3	11/18/15	---	43.67	10.56	33.11	No	---	---	---	---	---	---	---	---	---
SVE3	05/02/16	---	43.67	7.84	35.83	No	---	---	---	---	---	---	---	---	---
SVE3	10/07/16	---	43.67	10.25	33.42	No	---	---	---	---	---	---	---	---	---
SVE3	**05/26/17**	**---**	**43.67**	**7.84**	**35.83**	**No**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**	**---**
SVE4	10/09/15	---	Well installed.												
SVE4	10/16/15	---	43.10	10.28	32.82	No	---	<250	840a	830a	<0.50	37	1.2	5.0	26
SVE4	10/26/15	---	43.10	Well surveyed.											
SVE4	11/18/15	---	43.10	8.87	34.23	No	---	---	---	---	---	---	---	---	---
SVE4	05/02/16	---	43.10	7.71	35.39	No	---	---	---	---	---	---	---	---	---
SVE4	10/07/16	- Present	43.10	Well not gauged or sampled.											
SVE5	10/09/15	---	Well installed.												
SVE5	10/16/15	---	43.70	10.55	33.15	No	---	<250	2,000a	1,700a	<20	29	25	130	2,300
SVE5	10/26/15	---	43.70	Well surveyed.											
SVE5	11/18/15	---	43.70	9.07	34.63	No	---	---	---	---	---	---	---	---	---
SVE5	05/02/16	---	43.70	7.33	36.37	No	---	---	---	---	---	---	---	---	---
SVE5	10/07/16	- Present	43.70	Well not gauged or sampled.											
SVE6	10/09/15	---	Well installed.												
SVE6	10/16/15	---	44.37	10.87	33.50	No	---	<240	390a	490	<0.50	31	1.8	4.2	15
SVE6	10/26/15	---	44.37	Well surveyed.											
SVE6	11/18/15	---	44.37	10.33	34.04	No	---	---	---	---	---	---	---	---	---
SVE6	05/02/16	---	44.37	8.14	36.23	No	---	---	---	---	---	---	---	---	---
SVE6	10/07/16	- Present	44.37	Well not gauged or sampled.											
SVE7	10/09/15	---	Well installed.												
SVE7	10/16/15	---	44.48	11.07	33.41	No	---	<240	240a	440a	<0.50	<0.50	<0.50	0.70	2.3
SVE7	10/26/15	---	44.48	Well surveyed.											
SVE7	11/18/15	---	44.48	10.47	34.01	No	---	---	---	---	---	---	---	---	---
SVE7	05/02/16	---	44.48	9.04	35.44	No	---	---	---	---	---	---	---	---	---

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.	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)
SVE7	10/07/16 - Present		44.48	Well not gauged or sampled.											
Grab Groundwater Samples															
B-1W	01/06/08	---	---	---	---	---	26c,d	<5,000	99,000c,g,j	76,000c,f,k	<50	<50	93	3,100	9,600
B-2W	01/06/08	---	---	---	---	---	---	310d	23,000c,d,g	77,000 c,d,e	<50	1,500	300	2,000	6,800
B-3W	01/06/08	---	---	---	---	---	---	<250d	2,000d,g	6,200d,e	<10	170	32	740	250
B-4W	01/06/08	---	---	---	---	---	---	<250d	3,100d,g	7,700d,e	<10	360	<10	240	20
B-5W	01/06/08	---	---	---	---	---	---	<250d	120d,g	120d,i	<0.5	<0.5	<0.5	<0.5	<0.5
B-6W	01/06/08	---	---	---	---	---	---	<250d	830d,g	1,700d,e	<2.5	5.2	<2.5	100	8.6
DR-W	01/06/08	---	---	---	---	---	---	<250	96g	730f,k	<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
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
W-5-B7	02/27/14	5	---	---	---	---	---	<310	<62	<50	<0.50	<0.50	<0.50	<0.50	<0.50
W-12-B8	02/28/14	12	---	---	---	---	---	<240	130a	<50	<0.50	<0.50	<0.50	<0.50	<0.50
W-5-B9	02/27/14	5	---	---	---	---	---	<310	370a	1,400a	<0.50	<0.50	<0.50	<0.50	<0.50
W-5.5-B10	02/27/14	5.5	---	---	---	---	---	<310	<62	<50	<0.50	<0.50	<0.50	<0.50	<0.50
W-14-B11	03/05/14	14	---	---	---	---	---	<310	<62	<50	<0.50	<0.50	<0.50	<0.50	<0.50
W-10-B12	02/26/14	10	---	---	---	---	---	<250	800a	5,900	<0.50	<0.50	<0.50	1.9	<0.50
W-10-B13	02/28/14	10	---	---	---	---	---	<250	1,500a	6,300	<5.0	12	8.8	290	22
B14	03/05/14 b	---	---	---	---	---	---	---	---	---	---	---	---	---	---

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.	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-14-B15	03/05/14	14	---	---	---	---	---	<310	<62	<50	1.3	<0.50	<0.50	<0.50	<0.50
W-14-B16	02/26/14	14	---	---	---	---	---	<250	180a	170a	<0.50	1.1	<0.50	5.4	<0.50
W-10-B17	02/27/14	10	---	---	---	---	---	<270	<54	110a	<0.50	<0.50	<0.50	<0.50	<0.50

Notes:

TOC = Top of well casing elevation; datum is NAVD88, prior to April 2014, datum was mean sea level.
DTW = Depth to water.
GW Elev. = Groundwater elevation; datum is NAVD88, prior to April 2014, datum was 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.
PCE = Tetrachloroethene analyzed using EPA Method 8260B.
TCE = Trichloroethene analyzed using EPA Method 8260B.
VOCs = Volatile organic compounds or halogenated volatile organic compounds analyzed using EPA Method 8260B.
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 = The chromatographic pattern does not match that of the specified standard.
b = Groundwater did not enter boring; sample not collected.
c = Lighter than water immiscible sheen/product is present.
d = Liquid sample that contains greater than approximately 1 volume % sediment.
e = Unmodified or weakly modified gasoline is significant.
f = Heavier gasoline-range compounds are significant.
g = Gasoline-range compounds are significant.
h = Analyzed beyond the EPA-recommended hold time.
i = Strongly aged gasoline-range or diesel-range compounds are significant.
j = Diesel-range compounds are significant; no recognizable pattern.
k = No recognizable pattern.
l = Additional analyses: CAM 5 metals analyzed using EPA Method 6010B and semi-volatile organic compounds analyzed using EPA Method 8270C. Results were ND except for naphthalene (4,000 µg/L) and 2-methylnaphthalene (3,900 µg/L).
m = Additional analyses: CAM 5 metals analyzed using EPA Method 6010B. Results were ND except for dissolved chromium (54 µg/L).
n = Reporting limits elevated due to high level of non-target analytes.

TABLE 1B
ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA - VOCs
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)	PCE (µg/L)	TCE (µg/L)	Naph-thalene (µg/L)	Ace-tone (µg/L)	2-buta-none (µg/L)	Bromo-benzene (µg/L)	Bromodichloro-methane (µg/L)	Bromo-methane (µg/L)	n-Butyl-benzene (µg/L)	secButyl-benzene (µg/L)
Monitoring Well Samples																		
MW1	11/04/10	---	Well installed.															
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	---	---	---	---	---	---	---	---	---	---
MW1	10/19/12	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	---	---	---	---	---	---	---	---	---	---
MW1	06/11/13	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	---	---	---	---	---	---	---	---	---	---
MW1	12/19/13	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	---	---	---	---	---	---	---	---	---	---
MW1	05/01/14	---	<0.50	<0.50	<0.50	5.1	<0.50	<0.50	---	---	---	---	---	---	---	---	---	---
MW1	10/28/14	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	85h	9.8	<1.0	<10	<5.0	<0.50	<0.50	<1.0	<0.50	<0.50
MW1	06/02/15	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	110	9.3	<1.0	<10	<5.0	<0.50	<0.50	<1.0	<0.50	<0.50
MW1	11/19/15	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	92h	8.8	<1.0	<10	<5.0	<0.50	<0.50	<1.0	<0.50	<0.50
MW1	05/02/16	---	<2.0	<2.0	<2.0	<20	<2.0	<2.0	82	9.2	<4.0	<40	<20	<2.0	<2.0	<4.0	<2.0	<2.0
MW1	10/07/16 n		<1.0	<1.0	<1.0	<10	<1.0	<1.0	57	8.0	<2.0	<20	<10	<1.0	<1.0	<2.0	<1.0	<1.0
MW1	**05/26/17**	**---**	**<0.50**	**<0.50**	**<0.50**	**6.2**	**<0.50**	**<0.50**	**15**	**4.0**	**<1.0**	**<10**	**<5.0**	**<0.50**	**<0.50**	**<1.0**	**<0.50**	**2.1**
MW2	11/04/10	---	Well installed.															
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	---	---	---	---	---	---	---	---	---	---
MW2	10/19/12	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	---	---	---	---	---	---	---	---	---	---
MW2	06/11/13	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	---	---	---	---	---	---	---	---	---	---
MW2	12/19/13	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	---	---	---	---	---	---	---	---	---	---
MW2	05/01/14	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	---	---	---	---	---	---	---	---	---	---
MW2	10/28/14	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	73h	8.9	<1.0	<10	<5.0	<0.50	<0.50	<1.0	<0.50	<0.50
MW2	06/02/15	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	78	6.9	<1.0	<10	<5.0	<0.50	<0.50	<1.0	<0.50	<0.50
MW2	11/19/15	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	79h	7.7	<1.0	<10	<5.0	<0.50	<0.50	<1.0	<0.50	<0.50
MW2	05/02/16	---	<1.0	<1.0	<1.0	<10	<1.0	<1.0	49	5.4	<2.0	<20	<10	<1.0	<1.0	<2.0	<1.0	<1.0
MW2	10/07/16 n		<1.0	<1.0	<1.0	<10	<1.0	<1.0	58	6.5	<2.0	<20	<10	<1.0	<1.0	<2.0	<1.0	<1.0
MW2	**05/26/17**	**---**	**<0.50**	**<0.50**	**<0.50**	**<5.0**	**<0.50**	**<0.50**	**24**	**3.1**	**<1.0**	**<10**	**<5.0**	**<0.50**	**<0.50**	**<1.0**	**<0.50**	**<0.50**
MW3	11/08/10	---	Well installed.															
MW3	12/16/10	---	<12	<12	<12	<120	<12	<12	---	---	---	---	---	---	---	---	---	---
MW3	01/31/11	---	<12	<12	<12	<120	<12	<12	---	---	---	---	---	---	---	---	---	---

TABLE 1B
ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA - VOCs
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)	PCE (µg/L)	TCE (µg/L)	Naph-thalene (µg/L)	Ace-tone (µg/L)	2-buta-none (µg/L)	Bromo-benzene (µg/L)	Bromodichloro-methane (µg/L)	Bromo-methane (µg/L)	n-Butyl-benzene (µg/L)	secButyl-benzene (µg/L)
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	---	---	---	---	---	---	---	---	---	---
MW3	10/19/12	---	<10	<10	<10	<100	<10	<10	---	---	---	---	---	---	---	---	---	---
MW3	06/11/13	---	<10	<10	<10	<100	<10	<10	---	---	---	---	---	---	---	---	---	---
MW3	12/20/13	---	<10	<10	<10	<100	<10	<10	---	---	---	---	---	---	---	---	---	---
MW3	05/01/14	---	<10	<10	<10	<100	<10	<10	---	---	---	---	---	---	---	---	---	---
MW3	10/28/14	---	<20	<20	<20	<200	<20	<20	<20	<20	290	<400	<200	<20	<20	<40	30	<20
MW3	06/02/15	---	<20	<20	<20	<200	<20	<20	<20	<20	240	<400	<200	<20	<20	<40	21	<20
MW3	11/19/15	---	<5.0	<5.0	<5.0	<50	<5.0	<5.0	<5.0	<5.0	120	<100	<50	<5.0	<5.0	<10	22	14
MW3	05/02/16	---	<5.0	<5.0	<5.0	<50	<5.0	<5.0	<5.0	<5.0	250	<100	<50	<5.0	<5.0	<10	28	17
MW3	10/07/16	---	<10	<10	<10	<100	<10	<10	<10	<10	140	<200	<100	<10	<10	<20	22	14
MW3	**05/26/17**	**---**	**<10**	**<10**	**<10**	**<100**	**<10**	**<10**	**<10**	**<10**	**170**	**220**	**<100**	**<10**	**<10**	**<20**	**19**	**13**
MW3A	01/18/12	---	Well installed.															
MW3A	04/06/12	---	<2.0	<2.0	<2.0	<20	<2.0	<2.0	---	---	---	---	---	---	---	---	---	---
MW3A	10/19/12	---	<5.0	<5.0	<5.0	<50	<5.0	<5.0	---	---	---	---	---	---	---	---	---	---
MW3A	06/11/13	---	<2.0	<2.0	<2.0	<20	<2.0	<2.0	---	---	---	---	---	---	---	---	---	---
MW3A	12/19/13	---	<2.0	<2.0	<2.0	<20	<2.0	<2.0	---	---	---	---	---	---	---	---	---	---
MW3A	05/01/14	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	---	---	---	---	---	---	---	---	---	---
MW3A	10/28/14	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	4.6	<10	<5.0	<0.50	<0.50	<1.0	5.4	6.3
MW3A	06/02/15	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	1.4	<10	<5.0	<0.50	<0.50	<1.0	1.1	2.5
MW3A	11/19/15	---	<2.0	<2.0	<2.0	<20	<2.0	<2.0	<2.0	<2.0	6.5	<40	<20	<2.0	<2.0	<4.0	3.3	3.5
MW3A	05/02/16	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<1.0	<10	<5.0	<0.50	<0.50	<1.0	<0.50	<0.50
MW3A	10/07/16	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	1.4	<10	<5.0	<0.50	<0.50	<1.0	1.7	2.3
MW3A	**05/26/17**	**---**	**<0.50**	**<0.50**	**<0.50**	**<5.0**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**<10**	**<5.0**	**<0.50**	**<0.50**	**<1.0**	**<0.50**	**<0.50**
MW4	11/05/10	---	Well installed.															
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	---	---	---	---	---	---	---	---	---	---
MW4	10/19/12	---	<10	<10	<10	<100	<10	<10	---	---	---	---	---	---	---	---	---	---
MW4	06/11/13	---	<10	<10	<10	<100	<10	<10	---	---	---	---	---	---	---	---	---	---
MW4	12/20/13	---	<10	<10	<10	<100	<10	<10	---	---	---	---	---	---	---	---	---	---
MW4	05/01/14	---	<10	<10	<10	<100	<10	<10	---	---	---	---	---	---	---	---	---	---
MW4	10/28/14	---	<10	<10	<10	<100	<10	<10	<10	<10	270	<200	<100	<10	<10	<20	72	24
MW4	06/02/15	---	<10	<10	<10	<100	<10	<10	<10	<10	170	<200	<100	<10	<10	<20	83	27
MW4	11/19/15	---	<5.0	<5.0	<5.0	<50	<5.0	<5.0	<5.0	<5.0	150	<100	<50	<5.0	<5.0	<10	98	26

TABLE 1B
ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA - VOCs
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)	PCE (µg/L)	TCE (µg/L)	Naph-thalene (µg/L)	Ace-tone (µg/L)	2-buta-none (µg/L)	Bromo-benzene (µg/L)	Bromodichloro-methane (µg/L)	Bromo-methane (µg/L)	n-Butyl-benzene (µg/L)	secButyl-benzene (µg/L)
MW4	05/02/16	---	<5.0	<5.0	<5.0	<50	<5.0	<5.0	<5.0	<5.0	160	<100	<50	<5.0	<5.0	<10	88	25
MW4	10/07/16	---	<10	<10	<10	<100	<10	<10	<10	<10	86	<200	<100	<10	<10	<20	42	17
MW4	**05/26/17**	**---**	**<5.0**	**<5.0**	**<5.0**	**<50**	**<5.0**	**<5.0**	**<5.0**	**<5.0**	**160**	**120**	**<50**	**<5.0**	**<5.0**	**<10**	**89**	**28**
MW5	11/11/10	---	Well installed.															
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	---	---	---	---	---	---	---	---	---	---
MW5	10/19/12	---	<20	<20	<20	<200	<20	<20	---	---	---	---	---	---	---	---	---	---
MW5	06/11/13	---	<20	<20	<20	<200	<20	<20	---	---	---	---	---	---	---	---	---	---
MW5	12/20/13	---	<20	<20	<20	<200	<20	<20	---	---	---	---	---	---	---	---	---	---
MW5	05/01/14	---	<10	<10	<10	<100	<10	<10	---	---	---	---	---	---	---	---	---	---
MW5	10/28/14	---	<10	<10	<10	<100	<10	<10	<10	<10	250	<200	<100	<10	<10	<20	82	33
MW5	06/02/15	---	<20	<20	<20	<200	<20	<20	<20	<20	210	<400	<200	<20	<20	<40	110	42
MW5	11/19/15	---	<20	<20	<20	<200	<20	<20	<20	<20	210	<400	<200	<20	<20	<40	79	29
MW5	05/02/16	---	<20	<20	<20	<200	<20	<20	<20	<20	150	<400	<200	<20	<20	<40	300	98
MW5	10/07/16	---	<10	<10	<10	<100	<10	<10	<10	<10	240	<200	<100	<10	<10	<20	160	58
MW5	**05/26/17**	**---**	**<4.0**	**<4.0**	**<4.0**	**<40**	**<4.0**	**<4.0**	**<4.0**	**<4.0**	**50**	**<80**	**<40**	**<4.0**	**<4.0**	**<8.0**	**60**	**26**
MW6	11/03/10	---	Well installed.															
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	---	---	---	---	---	---	---	---	---	---
MW6	04/06/12	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	---	---	---	---	---	---	---	---	---	---
MW6	10/19/12	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	---	---	---	---	---	---	---	---	---	---
MW6	06/11/13	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	---	---	---	---	---	---	---	---	---	---
MW6	12/19/13	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	---	---	---	---	---	---	---	---	---	---
MW6	05/01/14	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	---	---	---	---	---	---	---	---	---	---
MW6	10/28/14	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	1.4	<10	<5.0	<0.50	<0.50	<1.0	<0.50	0.73
MW6	06/02/15	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	3.3	<10	<5.0	<0.50	<0.50	<1.0	3.2	2.9
MW6	11/19/15	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	10	16	6.5	<0.50	<0.50	<1.0	7.0	5.0
MW6	05/02/16	---	<0.50	<0.50	<0.50	5.5	<0.50	<0.50	<0.50	<0.50	22	<10	<5.0	<0.50	<0.50	<1.0	13	7.8
MW6	10/07/16	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<1.0	<10	<5.0	<0.50	<0.50	<1.0	0.61	0.60
MW6	**05/26/17**	**---**	**<0.50**	**<0.50**	**<0.50**	**5.5**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**14**	**<10**	**<5.0**	**<0.50**	**<0.50**	**<1.0**	**11**	**6.7**
MW7	12/08/14	---	Well installed.															
MW7	12/30/14	---	<5.0	<5.0	<5.0	<50	<5.0	13	---	---	---	---	---	---	---	---	---	---

TABLE 1B
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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)	PCE (µg/L)	TCE (µg/L)	Naph-thalene (µg/L)	Ace-tone (µg/L)	2-buta-none (µg/L)	Bromo-benzene (µg/L)	Bromodichloro-methane (µg/L)	Bromo-methane (µg/L)	n-Butyl-benzene (µg/L)	secButyl-benzene (µg/L)
MW7	06/02/15	---	<5.0	<5.0	<5.0	<50	<5.0	19	<5.0	<5.0	150	<100	<50	<5.0	<5.0	<10	45	24
MW7	11/19/15	---	<5.0	<5.0	<5.0	<50	<5.0	13	<5.0	<5.0	220	<100	<50	<5.0	<5.0	<10	36	18
MW7	05/02/16	---	<5.0	<5.0	<5.0	<50	<5.0	15	<5.0	<5.0	84	<100	<50	<5.0	<5.0	<10	72	33
MW7	10/07/16	---	<4.0	<4.0	<4.0	<40	<4.0	18	<4.0	<4.0	52	<80	<40	<4.0	<4.0	<8.0	39	18
MW7	**05/26/17**	**---**	**<2.5**	**<2.5**	**<2.5**	**<25**	**<2.5**	**14**	**<2.5**	**<2.5**	**140**	**100**	**42**	**<2.5**	**<2.5**	**<5.0**	**110**	**50**
MW8	12/08/14	---	Well installed.															
MW8	12/30/14	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	---	---	---	---	---	---	---	---	---	---
MW8	06/02/15	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<1.0	<10	<5.0	<0.50	0.85	<1.0	<0.50	<0.50
MW8	11/18/15	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<1.0	<10	<5.0	<0.50	<0.50	<1.0	<0.50	<0.50
MW8	05/02/16	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<1.0	<10	<5.0	<0.50	<0.50	<1.0	<0.50	<0.50
MW8	10/07/16	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<1.0	<10	<5.0	<0.50	<0.50	<1.0	<0.50	<0.50
MW8	**05/26/17**	**---**	**<0.50**	**<0.50**	**<0.50**	**<5.0**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**<10**	**<5.0**	**<0.50**	**<0.50**	**<1.0**	**<0.50**	**<0.50**
MW9	10/08/15	---	Well installed.															
MW9	10/16/15	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<1.0	<10	<5.0	<0.50	<0.50	<1.0	1.4	0.93
MW9	11/18/15	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<1.0	<10	<5.0	<0.50	<0.50	<1.0	0.60	<0.50
MW9	05/02/16	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<1.0	<10	<5.0	<0.50	<0.50	<1.0	<0.50	<0.50
MW9	10/07/16	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<1.0	<10	<5.0	<0.50	<0.50	<1.0	0.66	<0.50
MW9	**05/26/17**	**---**	**<0.50**	**<0.50**	**<0.50**	**<5.0**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<1.0**	**<10**	**<5.0**	**<0.50**	**<0.50**	**<1.0**	**1.8**	**0.77**
AS1	01/18/12	---	Well installed.															
AS1	10/19/12 - Present	Not sampled.																
SVE1	01/17/12	---	Well installed.															
SVE1	10/19/12 - Present	Not sampled.																
SVE2	01/17/12	---	Well installed.															
SVE2	10/19/12 - Present	Not sampled.																
SVE3	01/17/12	---	Well installed.															
SVE3	10/19/12 - Present	Not sampled.																
SVE4	10/09/15	---	Well installed.															
SVE4	10/16/15	---	<0.50	<0.50	<0.50	5.4	<0.50	<0.50	<0.50	<0.50	15	<10	<5.0	<0.50	<0.50	<1.0	2.5	1.5
SVE4	11/18/15 - Present	Not sampled.																
SVE5	10/09/15	---	Well installed.															
SVE5	10/16/15	---	<20	<20	<20	<200	<20	<20	<20	<20	140	<400	<200	<20	<20	<40	24	<20
SVE5	11/18/15 - Present	Not sampled.																
SVE6	10/09/15	---	Well installed.															

TABLE 1B
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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)	PCE (µg/L)	TCE (µg/L)	Naph-thalene (µg/L)	Ace-tone (µg/L)	2-buta-none (µg/L)	Bromo-benzene (µg/L)	Bromodichloro-methane (µg/L)	Bromo-methane (µg/L)	n-Butyl-benzene (µg/L)	secButyl-benzene (µg/L)
SVE6	10/16/15	---	<0.50	<0.50	<0.50	5.7	<0.50	<0.50	<0.50	<0.50	1.9	<10	<5.0	<0.50	<0.50	<1.0	3.1	1.0
SVE6	11/18/15 - Present	Not sampled.																
SVE7	10/09/15	---	Well installed.															
SVE7	10/16/15	---	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<1.0	<10	<5.0	<0.50	<0.50	<1.0	0.97	1.7
SVE7	11/18/15 - Present	Not sampled.																
Grab Groundwater Samples																		
B-1W	01/06/08 l		<50	<50	<50	<200	<50	<50	<50	<50	1,500	<1,000	<200	<50	<50	<50	210	68
B-2W	01/06/08	---	<50	<50	<50	<200	<50	<50	<50	<50	610	<1,000	<200	<50	<50	<50	110	<50
B-3W	01/06/08	---	<10	<10	<10	<40	<10	<10	<10	<10	55	<200	<40	<10	<10	<10	25	11
B-4W	01/06/08	---	<10	<10	<10	<40	<10	<10	<10	<10	100	<200	<40	<10	<10	<10	46	19
B-5W	01/06/08	---	<0.5	<0.5	<0.5	<2.0	<0.5	<0.5	<0.5	<0.5	6.5	<10	<2.0	<0.5	<0.5	<0.5	2.6	<0.5
B-6W	01/06/08	---	<2.5	<2.5	<2.5	<10	<2.5	<2.5	<2.5	<2.5	38	<50	10	<2.5	<2.5	<2.5	14	5.6
DR-W	01/06/08 m		<0.5	<0.5	<0.5	<2.0	<0.5	<0.5	<0.5	<0.5	7.0	<10	<2.0	<0.5	<0.5	<0.5	6.9	2.4
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	---	---	---	---	---	---	---	---	---	---
W-5-B7	02/27/14	5	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	---	---
W-12-B8	02/28/14	12	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	---	---

TABLE 1B
ADDITIONAL CUMULATIVE GROUNDWATER MONITORING AND SAMPLING DATA - VOCs
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)	PCE (µg/L)	TCE (µg/L)	Naph-thalene (µg/L)	Ace-tone (µg/L)	2-buta-none (µg/L)	Bromo-benzene (µg/L)	Bromodichloro-methane (µg/L)	Bromo-methane (µg/L)	n-Butyl-benzene (µg/L)	secButyl-benzene (µg/L)
W-5-B9	02/27/14	5	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	---	---
W-5.5-B10	02/27/14	5.5	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	---	---
W-14-B11	03/05/14	14	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	---	---
W-10-B12	02/26/14	10	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	---	---
W-10-B13	02/28/14	10	<5.0	<5.0	<5.0	<50	<5.0	<5.0	<5.0	<5.0	---	---	---	---	---	---	---	---
B14	03/05/14 b		---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
W-14-B15	03/05/14	14	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	32	2.6	---	---	---	---	---	---	---	---
W-14-B16	02/26/14	14	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	---	---	---	---	---	---	---	---
W-10-B17	02/27/14	10	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	0.65	---	---	---	---	---	---	---	---

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

Notes:

TOC	=	Top of well casing elevation; datum is NAVD88, prior to April 2014, datum was mean sea level.
DTW	=	Depth to water.
GW Elev.	=	Groundwater elevation; datum is NAVD88, prior to April 2014, datum was 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.
PCE	=	Tetrachloroethene analyzed using EPA Method 8260B.
TCE	=	Trichloroethene analyzed using EPA Method 8260B.
VOCs	=	Volatile organic compounds or halogenated volatile organic compounds analyzed using EPA Method 8260B.
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	=	The chromatographic pattern does not match that of the specified standard.
b	=	Groundwater did not enter boring; sample not collected.
c	=	Lighter than water immiscible sheen/product is present.
d	=	Liquid sample that contains greater than approximately 1 volume % sediment.
e	=	Unmodified or weakly modified gasoline is significant.
f	=	Heavier gasoline-range compounds are significant.
g	=	Gasoline-range compounds are significant.
h	=	Analyzed beyond the EPA-recommended hold time.
i	=	Strongly aged gasoline-range or diesel-range compounds are significant.
j	=	Diesel-range compounds are significant; no recognizable pattern.
k	=	No recognizable pattern.
l	=	Additional analyses: CAM 5 metals analyzed using EPA Method 6010B and semi-volatile organic compounds analyzed using EPA Method 8270C. Results were ND except for naphthalene (4,000 µg/L) and 2-methylnaphthalene (3,900 µg/L).
m	=	Additional analyses: CAM 5 metals analyzed using EPA Method 6010B. Results were ND except for dissolved chromium (54 µg/L).
n	=	Reporting limits elevated due to high level of non-target analytes.

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

Well ID	Sampling Date	Depth (feet)	Carbon Disulfide (µg/L)	Chloro-benzene (µg/L)	Chloro-ethane (µg/L)	Chloro-form (µg/L)	4-Chloro-toluene (µg/L)	cis-1,2-dichloro-ethene (µg/L)	1,2-dibromo-3-chloro-propane (µg/L)	1,2-Dichloro-benzene (µg/L)	t-1,2-Dichloro-ethene (µg/L)	Iso-propyl-benzene (µg/L)	n-propyl-benzene (µg/L)	p-iso-propyl-toluene (µg/L)	Styrene (µg/L)	1,2,4-trimethyl-benzene (µg/L)	1,3,5-trimethyl-benzene (µg/L)	tert-butyl-benzene (µg/L)	Additional VOCs (µg/L)
Monitoring Well Samples																			
MW1	11/04/10	---	Well installed.																
MW1	12/16/10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW1	01/31/11	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW1	04/07/11	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW1	07/18/11	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW1	10/13/11	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW1	04/06/12	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW1	10/19/12	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW1	06/11/13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW1	12/19/13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW1	05/01/14	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW1	10/28/14	---	<1.0	<0.50	<0.50	<0.50	<0.50	18	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	0.67	<0.50	<0.50	ND
MW1	06/02/15	---	<1.0	<0.50	<0.50	<0.50	<0.50	19	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
MW1	11/19/15	---	<1.0	<0.50	<0.50	<0.50	<0.50	20	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
MW1	05/02/16	---	<4.0	<2.0	<2.0	<2.0	<2.0	8.8	<20	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	ND
MW1	10/07/16 n	---	<2.0	<1.0	<1.0	<1.0	<1.0	17	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	ND
MW1	**05/26/17**	**---**	**<1.0**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**3.9**	**<5.0**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**ND**
MW2	11/04/10	---	Well installed.																
MW2	12/16/10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW2	01/31/11	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW2	04/07/11	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW2	07/18/11	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW2	10/13/11	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW2	04/06/12	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW2	10/19/12	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW2	06/11/13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW2	12/19/13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW2	05/01/14	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW2	10/28/14	---	<1.0	<0.50	<0.50	<0.50	<0.50	8.8	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
MW2	06/02/15	---	<1.0	<0.50	<0.50	<0.50	<0.50	8.4	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
MW2	11/19/15	---	<1.0	<0.50	<0.50	<0.50	<0.50	9.7	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
MW2	05/02/16	---	<2.0	<1.0	<1.0	<1.0	<1.0	5.1	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	ND
MW2	10/07/16 n	---	<2.0	<1.0	<1.0	<1.0	<1.0	7.6	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	ND
MW2	**05/26/17**	**---**	**<1.0**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**3.9**	**<5.0**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**ND**
MW3	11/08/10	---	Well installed.																
MW3	12/16/10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW3	01/31/11	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

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

Well ID	Sampling Date	Depth (feet)	Carbon Disulfide (µg/L)	Chloro-benzene (µg/L)	Chloro-ethane (µg/L)	Chloro-form (µg/L)	4-Chloro-toluene (µg/L)	cis-1,2-dichloro-ethene (µg/L)	1,2-dibromo-3-chloro-propane (µg/L)	1,2-Dichloro-benzene (µg/L)	t-1,2-Dichloro-ethene (µg/L)	Iso-propyl-benzene (µg/L)	n-propyl-benzene (µg/L)	p-iso-propyl-toluene (µg/L)	Styrene (µg/L)	1,2,4-trimethyl-benzene (µg/L)	1,3,5-trimethyl-benzene (µg/L)	tert-butyl-benzene (µg/L)	Additional VOCs (µg/L)
MW3	04/07/11	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW3	07/18/11	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW3	10/13/11	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW3	04/06/12	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW3	10/19/12	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW3	06/11/13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW3	12/20/13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW3	05/01/14	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW3	10/28/14	---	<40	<20	<20	<20	<20	<20	<200	<20	<20	110	210	<20	<20	<20	36	<20	ND
MW3	06/02/15	---	<40	<20	<20	<20	<20	<20	<200	<20	<20	90	130	<20	<20	<20	40	<20	ND
MW3	11/19/15	---	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<5.0	<5.0	95	140	16	<5.0	9.5	24	9.6	ND
MW3	05/02/16	---	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<5.0	<5.0	110	180	21	<5.0	21	52	11	ND
MW3	10/07/16	---	<20	<10	<10	<10	<10	<10	<100	<10	<10	88	150	14	<10	10	25	<10	ND
MW3	**05/26/17**	**---**	**<20**	**<10**	**<10**	**<10**	**<10**	**<10**	**<100**	**<10**	**<10**	**73**	**88**	**14**	**<10**	**<10**	**23**	**<10**	**ND**
MW3A	01/18/12	---	Well installed.																
MW3A	04/06/12	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW3A	10/19/12	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW3A	06/11/13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW3A	12/19/13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW3A	05/01/14	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW3A	10/28/14	---	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	20	28	2.0	<0.50	4.6	1.6	2.9	ND
MW3A	06/02/15	---	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	2.4	3.3	<0.50	<0.50	2.5	0.61	0.89	ND
MW3A	11/19/15	---	<4.0	<2.0	<2.0	<2.0	<2.0	<2.0	<20	<2.0	<2.0	11	13	<2.0	<2.0	3.2	<2.0	2.3	ND
MW3A	05/02/16	---	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	0.75	1.3	<0.50	<0.50	<0.50	<0.50	<0.50	ND
MW3A	10/07/16	---	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	4.7	5.1	<0.50	<0.50	1.3	0.80	1.2	ND
MW3A	**05/26/17**	**---**	**<1.0**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<5.0**	**<0.50**	**<0.50**	**<0.50**	**0.54**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**ND**
MW4	11/05/10	---	Well installed.																
MW4	12/16/10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW4	01/31/11	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW4	04/07/11	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW4	07/18/11	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW4	10/13/11	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW4	04/06/12	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW4	10/19/12	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW4	06/11/13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW4	12/20/13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW4	05/01/14	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW4	10/28/14	---	<20	<10	<10	<10	<10	<10	<100	<10	<10	75	190	<10	<10	350	160	<10	ND
MW4	06/02/15	---	<20	<10	<10	<10	<10	<10	<100	<10	<10	70	170	<10	<10	320	130	10	ND
MW4	11/19/15	---	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<5.0	<5.0	56	140	12	<5.0	340	140	9.9	ND

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

Well ID	Sampling Date	Depth (feet)	Carbon Disulfide (µg/L)	Chloro-benzene (µg/L)	Chloro-ethane (µg/L)	Chloro-form (µg/L)	4-Chloro-toluene (µg/L)	cis-1,2-dichloro-ethene (µg/L)	1,2-dibromo-3-chloro-propane (µg/L)	1,2-Dichloro-benzene (µg/L)	t-1,2-Dichloro-ethene (µg/L)	Iso-propyl-benzene (µg/L)	n-propyl-benzene (µg/L)	p-iso-propyl-toluene (µg/L)	Styrene (µg/L)	1,2,4-trimethyl-benzene (µg/L)	1,3,5-trimethyl-benzene (µg/L)	tert-butyl-benzene (µg/L)	Additional VOCs (µg/L)
MW4	05/02/16	---	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<5.0	<5.0	74	180	11	<5.0	340	140	8.8	ND
MW4	10/07/16	---	<20	<10	<10	<10	<10	<10	<100	<10	<10	44	100	<10	<10	130	54	<10	ND
MW4	**05/26/17**	**---**	**<10**	**<5.0**	**<5.0**	**<5.0**	**<5.0**	**<5.0**	**<50**	**<5.0**	**<5.0**	**78**	**190**	**9.0**	**<5.0**	**250**	**120**	**8.7**	**ND**
MW5	11/11/10	---	Well installed.																
MW5	12/16/10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW5	01/31/11	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW5	04/07/11	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW5	07/18/11	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW5	10/13/11	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW5	04/06/12	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW5	10/19/12	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW5	06/11/13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW5	12/20/13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW5	05/01/14	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW5	10/28/14	---	<20	<10	<10	<10	<10	<10	<100	<10	<10	120	380	14	<10	730	130	<10	ND
MW5	06/02/15	---	<40	<20	<20	<20	<20	<20	<200	<20	<20	120	390	<20	<20	820	150	<20	ND
MW5	11/19/15	---	<40	<20	<20	<20	<20	<20	<200	<20	<20	98	280	<20	<20	620	130	<20	ND
MW5	05/02/16	---	<40	<20	<20	<20	<20	<20	<200	<20	<20	110	420	45	<20	780	160	<20	ND
MW5	10/07/16	---	<20	<10	<10	<10	<10	<10	<100	<10	<10	130	450	21	<10	540	130	<10	ND
MW5	**05/26/17**	**---**	**<8.0**	**<4.0**	**<4.0**	**<4.0**	**<4.0**	**<4.0**	**<40**	**<4.0**	**<4.0**	**40**	**150**	**9.2**	**<4.0**	**230**	**40**	**<4.0**	**ND**
MW6	11/03/10	---	Well installed.																
MW6	12/16/10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW6	01/31/11	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW6	04/07/11	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW6	07/18/11	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW6	10/13/11	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW6	04/06/12	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW6	10/19/12	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW6	06/11/13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW6	12/19/13	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW6	05/01/14	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW6	10/28/14	---	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	0.84	1.9	<0.50	<0.50	<0.50	<0.50	<0.50	ND
MW6	06/02/15	---	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	4.6	11	<0.50	<0.50	<0.50	<0.50	<0.50	ND
MW6	11/19/15	---	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	12	29	<0.50	<0.50	0.60	<0.50	<0.50	ND
MW6	05/02/16	---	<1.0	0.65	<0.50	<0.50	<0.50	<0.50	<5.0	0.50	<0.50	20	51	<0.50	<0.50	0.92	0.73	<0.50	ND
MW6	10/07/16	---	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	0.68	1.5	<0.50	<0.50	<0.50	<0.50	<0.50	ND
MW6	**05/26/17**	**---**	**<1.0**	**0.58**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<5.0**	**<0.50**	**<0.50**	**17**	**40**	**0.69**	**<0.50**	**0.71**	**0.52**	**<0.50**	**ND**
MW7	12/08/14	---	Well installed.																
MW7	12/30/14	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

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

Well ID	Sampling Date	Depth (feet)	Carbon Disulfide (µg/L)	Chloro-benzene (µg/L)	Chloro-ethane (µg/L)	Chloro-form (µg/L)	4-Chloro-toluene (µg/L)	cis-1,2-dichloro-ethene (µg/L)	1,2-dibromo-3-chloro-propane (µg/L)	1,2-Dichloro-benzene (µg/L)	t-1,2-Dichloro-ethene (µg/L)	Iso-propyl-benzene (µg/L)	n-propyl-benzene (µg/L)	p-iso-propyl-toluene (µg/L)	Styrene (µg/L)	1,2,4-trimethyl-benzene (µg/L)	1,3,5-trimethyl-benzene (µg/L)	tert-butyl-benzene (µg/L)	Additional VOCs (µg/L)
MW7	06/02/15	---	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<5.0	<5.0	110	270	<5.0	<5.0	<5.0	<5.0	<5.0	ND
MW7	11/19/15	---	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<5.0	<5.0	86	220	<5.0	<5.0	<5.0	<5.0	<5.0	ND
MW7	05/02/16	---	<10	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<5.0	<5.0	77	220	<5.0	<5.0	<5.0	<5.0	5.3	ND
MW7	10/07/16	---	<8.0	<4.0	<4.0	<4.0	<4.0	<4.0	<40	<4.0	<4.0	45	140	<4.0	<4.0	<4.0	<4.0	<4.0	ND
MW7	**05/26/17**	**---**	**<5.0**	**<2.5**	**<2.5**	**<2.5**	**<2.5**	**<2.5**	**<25**	**<2.5**	**<2.5**	**140**	**410**	**6.9**	**<2.5**	**2.7**	**3.7**	**7.0**	**ND**
MW8	12/08/14	---	Well installed.																
MW8	12/30/14	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
MW8	06/02/15	---	<1.0	<0.50	<0.50	23	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
MW8	11/18/15	---	<1.0	<0.50	<0.50	3.2	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
MW8	05/02/16	---	<1.0	<0.50	<0.50	2.1	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
MW8	10/07/16	---	<1.0	<0.50	<0.50	16	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
MW8	**05/26/17**	**---**	**<1.0**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<5.0**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**ND**
MW9	10/08/15	---	Well installed.																
MW9	10/16/15	---	<1.0	<0.50	<0.50	4.1	<0.50	<0.50	<5.0	<0.50	<0.50	1.6	1.9	<0.50	<0.50	<0.50	<0.50	<0.50	ND
MW9	11/18/15	---	<1.0	<0.50	<0.50	3.0	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	0.53	<0.50	<0.50	<0.50	<0.50	<0.50	ND
MW9	05/02/16	---	<1.0	<0.50	<0.50	0.82	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
MW9	10/07/16	---	<1.0	<0.50	<0.50	1.6	<0.50	<0.50	<5.0	<0.50	<0.50	<0.50	0.53	<0.50	<0.50	<0.50	<0.50	<0.50	ND
MW9	**05/26/17**	**---**	**<1.0**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<5.0**	**<0.50**	**<0.50**	**0.97**	**3.7**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**ND**
AS1	01/18/12	---	Well installed.																
AS1	10/19/12	- Present	Not sampled.																
SVE1	01/17/12	---	Well installed.																
SVE1	10/19/12	- Present	Not sampled.																
SVE2	01/17/12	---	Well installed.																
SVE2	10/19/12	- Present	Not sampled.																
SVE3	01/17/12	---	Well installed.																
SVE3	10/19/12	- Present	Not sampled.																
SVE4	10/09/15	---	Well installed.																
SVE4	10/16/15	---	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	0.68	<0.50	4.3	2.8	0.59	<0.50	7.2	11	0.75	ND
SVE4	11/18/15	- Present	Not sampled.																
SVE5	10/09/15	---	Well installed.																
SVE5	10/16/15	---	<40	<20	<20	<20	<20	<20	<200	<20	<20	28	<20	<20	<20	520	210	<20	ND
SVE5	11/18/15	- Present	Not sampled.																
SVE6	10/09/15	---	Well installed.																
SVE6	10/16/15	---	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	1.3	0.80	0.99	<0.50	1.8	14	<0.50	ND

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

Well ID	Sampling Date	Depth (feet)	Carbon Disulfide (µg/L)	Chloro-benzene (µg/L)	Chloro-ethane (µg/L)	Chloro-form (µg/L)	4-Chloro-toluene (µg/L)	cis-1,2-dichloro-ethene (µg/L)	1,2-dibromo-3-chloro-propane (µg/L)	1,2-Dichloro-benzene (µg/L)	t-1,2-Dichloro-ethene (µg/L)	Iso-propyl-benzene (µg/L)	n-propyl-benzene (µg/L)	p-iso-propyl-toluene (µg/L)	Styrene (µg/L)	1,2,4-trimethyl-benzene (µg/L)	1,3,5-trimethyl-benzene (µg/L)	tert-butyl-benzene (µg/L)	Additional VOCs (µg/L)
SVE6	11/18/15 - Present	Not sampled.																	
SVE7	10/09/15	---	Well installed.																
SVE7	10/16/15	---	<1.0	<0.50	<0.50	<0.50	<0.50	<0.50	<5.0	<0.50	<0.50	2.2	2.4	<0.50	<0.50	<0.50	<0.50	<0.50	ND
SVE7	11/18/15 - Present	Not sampled.																	
Grab Groundwater Samples																			
B-1W	01/06/08 l	---	<50	<50	<50	<50	<50	<50	<20	<50	---	370	1,100	---	<50	3,800	1,300	---	ND
B-2W	01/06/08	---	<50	<50	<50	<50	<50	<50	32	<50	---	140	440	---	<50	2,400	730	---	ND
B-3W	01/06/08	---	<10	<10	<10	<10	<10	<10	<4.0	<10	---	74	190	---	<10	290	49	---	ND
B-4W	01/06/08	---	<10	<10	<10	<10	<10	<10	<4.0	<10	---	48	160	---	<10	16	<10	---	ND
B-5W	01/06/08	---	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	---	<0.5	0.83	---	<0.5	4.8	1.2	---	ND
B-6W	01/06/08	---	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<1.0	<2.5	---	17	60	---	<2.5	32	5.8	---	ND
DR-W	01/06/08 m	---	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.2	<0.5	---	2.5	11	---	<0.5	17	5.5	---	ND
W-27.5-HP1A	10/28/10	27.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
W-36-HP1A	10/28/10	36	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
W-46.5-HP1A	10/28/10	46.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
W-59-HP1B	10/27/10	59	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
W-27.5-HP2A	10/29/10	27.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
W-52-HP2A	10/29/10	52	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
W-60.5-HP2B	10/27/10	60.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
W-10-SVE1-1	01/31/12	10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
W-10-SVE1-2	01/31/12	10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
W-5-B7	02/27/14	5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
W-12-B8	02/28/14	12	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
W-5-B9	02/27/14	5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
W-5.5-B10	02/27/14	5.5	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
W-14-B11	03/05/14	14	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

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

Well ID	Sampling Date	Depth (feet)	Carbon Disulfide (µg/L)	Chloro-benzene (µg/L)	Chloro-ethane (µg/L)	Chloro-form (µg/L)	4-Chloro-toluene (µg/L)	cis-1,2-dichloro-ethene (µg/L)	1,2-dibromo-3-chloro-propane (µg/L)	1,2-Dichloro-benzene (µg/L)	t-1,2-Dichloro-ethene (µg/L)	Iso-propyl-benzene (µg/L)	n-propyl-benzene (µg/L)	p-iso-propyl-toluene (µg/L)	Styrene (µg/L)	1,2,4-trimethyl-benzene (µg/L)	1,3,5-trimethyl-benzene (µg/L)	tert-butyl-benzene (µg/L)	Additional VOCs (µg/L)
W-10-B12	02/26/14	10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
W-10-B13	02/28/14	10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
B14	03/05/14 b	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
W-14-B15	03/05/14	14	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
W-14-B16	02/26/14	14	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
W-10-B17	02/27/14	10	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

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

Notes:

TOC	=	Top of well casing elevation; datum is NAVD88, prior to April 2014, datum was mean sea level.
DTW	=	Depth to water.
GW Elev.	=	Groundwater elevation; datum is NAVD88, prior to April 2014, datum was 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.
PCE	=	Tetrachloroethene analyzed using EPA Method 8260B.
TCE	=	Trichloroethene analyzed using EPA Method 8260B.
VOCs	=	Volatile organic compounds or halogenated volatile organic compounds analyzed using EPA Method 8260B.
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	=	The chromatographic pattern does not match that of the specified standard.
b	=	Groundwater did not enter boring; sample not collected.
c	=	Lighter than water immiscible sheen/product is present.
d	=	Liquid sample that contains greater than approximately 1 volume % sediment.
e	=	Unmodified or weakly modified gasoline is significant.
f	=	Heavier gasoline-range compounds are significant.
g	=	Gasoline-range compounds are significant.
h	=	Analyzed beyond the EPA-recommended hold time.
i	=	Strongly aged gasoline-range or diesel-range compounds are significant.
j	=	Diesel-range compounds are significant; no recognizable pattern.
k	=	No recognizable pattern.
l	=	Additional analyses: CAM 5 metals analyzed using EPA Method 6010B and semi-volatile organic compounds analyzed using EPA Method 8270C. Results were ND except for naphthalene (4,000 µg/L) and 2-methylnaphthalene (3,900 µg/L).
m	=	Additional analyses: CAM 5 metals analyzed using EPA Method 6010B. Results were ND except for dissolved chromium (54 µg/L).
n	=	Reporting limits elevated due to high level of non-target analytes.

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	44.19	8	17	17	2	Schedule 40 PVC	12-17	0.020	10-17	#3 Sand
MW2	11/04/10	43.99	8	17	17	4	Schedule 40 PVC	12-17	0.020	10-17	#3 Sand
MW3	11/08/10	43.16	8	17	17	4	Schedule 40 PVC	11-16	0.020	9-16	#3 Sand
MW3A	01/18/12	43.42	10	15.5	15.5	4	Schedule 40 PVC	5-15	0.020	4.5-15.5	#2/12 Sand
MW4	11/05/10	42.04	8	17	13	2	Schedule 40 PVC	8-13	0.020	6-13	#3 Sand
MW5	11/05/10	43.12	8	17	14	2	Schedule 40 PVC	9-14	0.020	7-14	#3 Sand
MW6	11/03/10	43.80	10	20	20	2	Schedule 40 PVC	15-20	0.020	13-20	#3 Sand
MW7	12/08/14	41.21	10	15	15	2	Schedule 40 PVC	5-15	0.020	4-15	#3 Sand
MW8	12/08/14	39.65	10	15	15	2	Schedule 40 PVC	5-15	0.020	4-15	#3 Sand
MW9	10/08/15	39.50	10	16	15	2	Schedule 40 PVC	5-15	0.020	4-15	#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	43.32	10	15.5	15.5	4	Schedule 40 PVC	5-15	0.020	4.5-15.5	#2/12 Sand
SVE2	01/17/12	43.68	10	15	15	4	Schedule 40 PVC	5-15	0.020	4.5-15	#2/12 Sand
SVE3	01/17/12	43.67	10	15	15	4	Schedule 40 PVC	5-15	0.020	4.5-15.5	#2/12 Sand
SVE4	10/09/15	43.10	12	16	15	4	Schedule 40 PVC	5-15	0.020	4-15	#3 Sand
SVE5	10/09/15	43.70	12	16	15	4	Schedule 40 PVC	5-15	0.020	4-15	#3 Sand
SVE6	10/09/15	44.37	12	16	15	4	Schedule 40 PVC	5-15	0.020	4-15	#3 Sand
SVE7	10/09/15	44.48	12	16	15	4	Schedule 40 PVC	5-15	0.020	4-15	#3 Sand
SVS1	02/25/14	---	4	5.6	5.6	0.25	PVC	5.4-5.6	0.010	4.6-5.6	#3 Sand
SVS2	02/25/14	---	4	5.6	5.6	0.25	PVC	5.4-5.6	0.010	4.6-5.6	#3 Sand
SVS3	02/25/14	---	4	5.6	5.6	0.25	PVC	5.4-5.6	0.010	4.6-5.6	#3 Sand
SVS4	09/28/16	---	2.25	2.5	2.5	0.25	PVC	2.1-2.3	0.010	2-2.5	#3 Sand
SVS5	09/28/16	---	2.25	2.5	2.5	0.25	PVC	2.1-2.3	0.010	2-2.5	#3 Sand
SVS6	09/28/16	---	2.25	3.0	2.5	0.25	PVC	2.1-2.3	0.010	2-3	#3 Sand
SVS7	09/28/16	---	2.25	2.5	2.5	0.25	PVC	2.1-2.3	0.010	2-2.5	#3 Sand
SVS8	09/28/16	---	2.25	2.5	2.5	0.25	PVC	2.1-2.3	0.010	2-2.5	#3 Sand

Notes:
TOC = Top of well casing elevation; datum is NAVD88.
PVC = Polyvinyl chloride.
feet bgs = Feet below ground surface.

APPENDIX A

PROTOCOLS

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 DATA SHEETS

Daily Field Report

Cardno
Shaping the Future

Project ID #: Former Exxon # 79374 Cardno Job # 2735
Subject: 2Q Monitoring and Sampling 2017 Date: 5/26/17
Equipment Used: Hand tools, pH Meter, Bailers Sheet: 1 of 1
Name(s): Sean Johnson, Scott Seuko
Time Arrived On Site: 0400 Time Departed Site: 1200 Total Travel: 1.5

On site at 0400.

Held health and Safety meeting, Reviewed JSAs and HASP. Signed in on safety agreement.

Inspected Site for Hazards and opened all wells. Cars parked on MW8 + MW9, still safe to get OTW on wells.
- 0415 - 0500

Let all wells equilibrate for 0.5 hrs.
- 0500 - 0530

OTW on all wells.
- 0530 - 0600.

Set up decon and filled out paperwork, organized trucks for sampling.

SJ Purged and Sampled wells: MW3A, MW3, MW8, MW9, MW6, MW7, MW5. - cars moved at 0630 from MW9, MW8.

Scotts purged and sampled wells MW1, MW2, MW4

Slow recharge on wells MW-3 MW3A. Waited for 2 hour mark before sampling.

Cleaned and Secured equipment. off site at 1200.

Total water for Event (55+55)
Decon water: 48 gallons
Purge water: 56 gallons
Total water: 104 gallons for Event

Cardno Groundwater M+S
Depth To Water

Case Volume= (TD-DTW) x F
80% Recharge= ((TD-DTW) x 0.8) - TD) x (-1.0)

Where F= 0.163 for 2" inside-diameter well casing
0.652 for 4" inside-diameter well casing
1.457 for 6" inside-diameter well casing

Project	Location	Date	Name(s)
2735 C	79374	5/26/17	SS/SJ

WELL ID	WELL DIAMETER Inches	Previous TD Feet	2017 TD Feet	Pre-Purge DTW Feet	Case volume Gal.	80% r/chrg. DTW Feet	COMMENTS
AS1	1	-	-	8.04	-	-	
SVE1	4	-	-	7.79	-	-	
SVE2	4	-	-	8.24	-	-	
SVE3	4	-	-	7.84	-	-	Locking star is missing
MW1	2	16.61	16.62	9.28	1.19	10.75	
MW2	4	16.89	16.89	9.61	4.75	11.07	
MW8	2	14.46	14.37	5.80	1.41	7.53	
MW9	2	14.37	14.17	6.10	1.35	7.75	
MW6	2	19.26	14.24	8.52	1.75	10.67	
MW3A	4	14.98	14.98	7.96	4.57	9.36	
MW7	2	14.44	14.44	7.11	1.19	8.58	
MW3	4	15.20	15.20	8.06	4.66	9.49	
MW4	2	13.10	13.09	6.85	1.02	8.10	
MW5	2	13.40	13.37	7.77	0.92	8.91	

GROUNDWATER SAMPLING FIELD LOG

Client Name: Exxon Mobil
Location: 74374
Field Crew: SS/SS

Cardno Job #: 2735

Date: 5/26/17 Page 1 of 3

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
MW3A	0627	4.57	5				DRY	NO -	13.42					
	0627		ZERO	17.4	388	6.53								DRY at 12
	0631		5	18.5	383	6.70	Sample Date:	5/26/17						gallons
	0634		10	18.3	379	6.80	Sample Name:	MW3A						
	0636		15	—	—	—	Sample Time:	1015						
MW3	0647	4.66	5				DRY	NO -	13.20					
	0647		ZERO	17.6	724	6.72								DRY at 7
	0650		5	18.1	705	6.79	Sample Date:	5/26/17						gallons
	—		10	—	—	—	Sample Name:	MW3						
	—		15	—	—	—	Sample Time:	1050						
MW8	0720	1.41	2				7.35	YES	+7.35					New pump used
	0720		ZERO	15.8	451	7.71								
	0721		2	17.4	372	7.47	Sample Date:	5/26/17						
	0723		4	17.3	360	7.29	Sample Name:	MW8						
	0726		6	17.2	342	7.20	Sample Time:	0800						
MW4	0742	1.35	2				DRY	YES	+7.49					
	0742		ZERO	16.7	494	7.23								DRY at 6
	0744		2	17.1	397	7.34	Sample Date:	5/26/17						gallons
	0746		4	17.1	474	7.36	Sample Name:	MW4						
	0748		6	17.0	518	7.42	Sample Time:	0830						
MW6	0901	1.75	2				18.14	NO -	15.05					
	0901		ZERO	17.5	624	7.14								
	0902		2	18.2	615	7.08	Sample Date:	5/26/17						
	0904		4	18.2	613	6.95	Sample Name:	MW6						
	0907		6	18.2	632	6.90	Sample Time:	1100						

Additional Remarks:

GROUNDWATER SAMPLING FIELD LOG

Client Name: ExxonMobil

Location: 79374

Field Crew: SS/SS

Cardno Job #: 2735

Date: 5/26/17 **Page** 2 **of** 3

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
MW7	0936	1.14	2				DRY	yes	→8.53					
	0936		ZERO	17.4	687	7.39								
	0937		2	18.3	673	7.22	Sample Date: 5/26/17							
	0939		4	18.1	678	7.10	Sample Name: MW7							
	0941		6	17.8	684	7.03	Sample Time: 1105							
MW5	0958	0.92	1				11.50	10.00	→NO					
	0958		ZERO	18.1	357	7.90								
	0959		1	19.3	339	7.62	Sample Date: 5/26/17							
	1000		2	19.4	338	7.52	Sample Name: MW5							
	1001		3	19.2	356	7.34	Sample Time: 1120							
			ZERO											
							Sample Date:							
							Sample Name:							
							Sample Time:							
			ZERO											
							Sample Date:							
							Sample Name:							
							Sample Time:							
			ZERO											
							Sample Date:							
							Sample Name:							
							Sample Time:							

Additional Remarks:

GROUNDWATER SAMPLING FIELD LOG

Client Name: Exxon Mobil
Location: 79374
Field Crew: SS/SJ

Cardno Job #: 2735C

Date: 5/26/17 Page 3 of 3

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	0655	1.14	2				Dry	9.39						
	0655		ZERO	18.7	1127	6.75								
	0656		2	19.8	1176	6.75	Sample Date: 5/26/17							Pump went dry at 3 gallons
	—		4	—	—	—	Sample Name: MW1							
	—		6	—	—	—	Sample Time: 0845							
MW2	0633	4.75	5				Dry	10.45						
	0633		ZERO	18.3	10.51	6.89								
	—		5	—	—	—	Sample Date: 5/26/17							Pump went dry
	—		10	—	—	—	Sample Name: MW2							at 4 gallons
	—		15	—	—	—	Sample Time: 0735							
MW4	1011	1.02	2				Dry	7.40						
	1011		ZERO	19.9	1001	7.01								
	1012		2	20.0	1012	6.93	Sample Date: 5/26/17							Pump went dry
	—		4	—	—	—	Sample Name: MW4							at 3 gallons
	—		6	—	—	—	Sample Time: 1125							
MW3A														
			ZERO											
							Sample Date:							
							Sample Name:							
							Sample Time:							
MW3B	1													
			ZERO											
							Sample Date:							
							Sample Name:							
							Sample Time:							

Additional Remarks:

WATER SAMPLING SITE STATUS

Date: 5/26/17

Inspected by: SS

Cardno ERI Job No.: 2735 Station No.: 79374 Site Address: 940 San Pablo Ave, Albany, CA

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	
MW3A	ok	ok	ok	N	ok	ok	N	ok	ok	NA	NA	NA	NA	ok	1 Tab partially Broken
MW3	ok	ok	ok	N	ok	ok	N	ok	ok						
MW8	ok	ok	ok	N	ok	ok	N	ok	ok						
MW9	ok	ok	ok	N	ok	ok	N	ok	ok						
MW6	ok	ok	ok	N	ok	ok	N	ok	ok						
MW7	ok	ok	ok	N	ok	ok	N	ok	ok						
MW5	ok	ok	ok	N	ok	ok	N	ok	ok						
MW4	ok	ok	ok	N	ok	ok	N	ok	ok						

N = Not repairable in time available-see comments.
R = Repaired-see comments
ok = No action needed.

Y = Yes.
N = No.

s = Soil.
w = Water.
e = Empty.

g = Graffitti on walls.
v = Vagrants (or evidence of).
o = Open (not secured).

WATER SAMPLING SITE STATUS

Date: 5/26/17

Inspected by: SS

Cardno Job No.: 2735 Station No.: 79374 Site Address: 490 San Pablo Ave, Albany, CA

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	N	ok	N	ok	ok	Y	ok	ok	NA	NA	NA	NA	ok	
MW2	"	N	ok	N	ok	ok	N	ok	ok	NA	"	"	"	"	

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 = Graffiti on walls.
v = Vagrants (or evidence of).
o = Open (not secured).

APPENDIX C

LABORATORY ANALYTICAL REPORT

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WORK ORDER NUMBER: 17-05-2304

The difference is service

AIR | SOIL | WATER | MARINE CHEMISTRY

Analytical Report For
Client: Cardno
Client Project Name: ExxonMobil 79374/022735C
Attention: Scott Perkins
601 North McDowell Blvd.
Petaluma, CA 94954-2312

Approved for release on 06/14/2017 by:
Cecile deGuia
Project Manager

ResultLink

Email your PM

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Contents

Client Project Name: ExxonMobil 79374/022735C
Work Order Number: 17-05-2304

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Work Order Narrative

Work Order: 17-05-2304 Page 1 of 1

Condition Upon Receipt:

Samples were received under Chain-of-Custody (COC) on 05/31/17. They were assigned to Work Order 17-05-2304.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

Holding Times:

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

Quality Control:

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

Subcontractor Information:

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

Additional Comments:

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

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

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Sample Summary

Client:	Cardno	Work Order:	17-05-2304
	601 North McDowell Blvd.	Project Name:	ExxonMobil 79374/022735C
	Petaluma, CA 94954-2312	PO Number:	022735C
		Date/Time Received:	05/31/17 10:45
		Number of Containers:	102
Attn:	Scott Perkins		

Sample Identification	Lab Number	Collection Date and Time	Number of Containers	Matrix
QCBB	17-05-2304-1	05/26/17 07:00	2	Aqueous
MW1	17-05-2304-2	05/26/17 08:45	10	Aqueous
MW2	17-05-2304-3	05/26/17 07:35	10	Aqueous
MW3	17-05-2304-4	05/26/17 10:50	10	Aqueous
MW3A	17-05-2304-5	05/26/17 10:15	10	Aqueous
MW4	17-05-2304-6	05/26/17 11:25	10	Aqueous
MW5	17-05-2304-7	05/26/17 11:20	10	Aqueous
MW6	17-05-2304-8	05/26/17 11:00	10	Aqueous
MW7	17-05-2304-9	05/26/17 11:05	10	Aqueous
MW8	17-05-2304-10	05/26/17 08:00	10	Aqueous
MW9	17-05-2304-11	05/26/17 08:30	10	Aqueous

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Analytical Report

Cardno		Date Received:	05/31/17
601 North McDowell Blvd.		Work Order:	17-05-2304
Petaluma, CA 94954-2312		Preparation:	EPA 3510C
		Method:	EPA 8015B (M)
		Units:	ug/L
Project: ExxonMobil 79374/022735C			Page 1 of 3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW1	**17-05-2304-2-I**	**05/26/17 08:45**	**Aqueous**	**GC 46**	**06/01/17**	**06/02/17 20:25**	**170601B12S**

Parameter	Result	RL	DF	Qualifiers
TPH as Motor Oil	ND	230	1.00	SG

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	96	68-140	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW2	**17-05-2304-3-I**	**05/26/17 07:35**	**Aqueous**	**GC 46**	**06/01/17**	**06/02/17 20:46**	**170601B12S**

Parameter	Result	RL	DF	Qualifiers
TPH as Motor Oil	ND	230	1.00	SG

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	95	68-140	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW3	**17-05-2304-4-I**	**05/26/17 10:50**	**Aqueous**	**GC 46**	**06/01/17**	**06/02/17 21:07**	**170601B12S**

Parameter	Result	RL	DF	Qualifiers
TPH as Motor Oil	ND	230	1.00	SG

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	92	68-140	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW3A	**17-05-2304-5-I**	**05/26/17 10:15**	**Aqueous**	**GC 46**	**06/01/17**	**06/02/17 21:28**	**170601B12S**

Parameter	Result	RL	DF	Qualifiers
TPH as Motor Oil	ND	230	1.00	SG

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	83	68-140	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW4	**17-05-2304-6-I**	**05/26/17 11:25**	**Aqueous**	**GC 46**	**06/01/17**	**06/02/17 21:49**	**170601B12S**

Parameter	Result	RL	DF	Qualifiers
TPH as Motor Oil	ND	230	1.00	SG

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	95	68-140	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Cardno		Date Received:	05/31/17
601 North McDowell Blvd.		Work Order:	17-05-2304
Petaluma, CA 94954-2312		Preparation:	EPA 3510C
		Method:	EPA 8015B (M)
		Units:	ug/L
Project: ExxonMobil 79374/022735C			Page 2 of 3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW5	**17-05-2304-7-I**	**05/26/17 11:20**	**Aqueous**	**GC 46**	**06/01/17**	**06/02/17 22:09**	**170601B12S**

Parameter	Result	RL	DF	Qualifiers
TPH as Motor Oil	720	230	1.00	HD,SG

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	85	68-140	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW6	**17-05-2304-8-I**	**05/26/17 11:00**	**Aqueous**	**GC 46**	**06/01/17**	**06/02/17 22:30**	**170601B12S**

Parameter	Result	RL	DF	Qualifiers
TPH as Motor Oil	ND	230	1.00	SG

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	91	68-140	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW7	**17-05-2304-9-I**	**05/26/17 11:05**	**Aqueous**	**GC 46**	**06/01/17**	**06/02/17 22:52**	**170601B12S**

Parameter	Result	RL	DF	Qualifiers
TPH as Motor Oil	570	230	1.00	HD,SG

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	88	68-140	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW8	**17-05-2304-10-I**	**05/26/17 08:00**	**Aqueous**	**GC 46**	**06/01/17**	**06/02/17 23:14**	**170601B12S**

Parameter	Result	RL	DF	Qualifiers
TPH as Motor Oil	ND	230	1.00	SG

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	90	68-140	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW9	**17-05-2304-11-I**	**05/26/17 08:30**	**Aqueous**	**GC 46**	**06/01/17**	**06/02/17 23:35**	**170601B12S**

Parameter	Result	RL	DF	Qualifiers
TPH as Motor Oil	ND	230	1.00	SG

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	92	68-140	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

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

Project: ExxonMobil 79374/022735C

Date Received: 05/31/17
Work Order: 17-05-2304
Preparation: EPA 3510C
Method: EPA 8015B (M)
Units: ug/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-15-278-1414**	**N/A**	**Aqueous**	**GC 46**	**06/01/17**	**06/02/17 11:13**	**170601B12S**

Parameter	Result	RL	DF	Qualifiers
TPH as Motor Oil	ND	250	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	98	68-140	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

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

Project: ExxonMobil 79374/022735C

Date Received: 05/31/17
Work Order: 17-05-2304
Preparation: EPA 3510C
Method: EPA 8015B (M)
Units: ug/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW1	**17-05-2304-2-I**	**05/26/17 08:45**	**Aqueous**	**GC 46**	**06/01/17**	**06/02/17 20:25**	**170601B11S**

Parameter	Result	RL	DF	Qualifiers
TPH as Diesel	93	45	1.00	HD,SG

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	96	68-140	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW2	**17-05-2304-3-I**	**05/26/17 07:35**	**Aqueous**	**GC 46**	**06/01/17**	**06/02/17 20:46**	**170601B11S**

Parameter	Result	RL	DF	Qualifiers
TPH as Diesel	ND	45	1.00	SG

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	95	68-140	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW3	**17-05-2304-4-I**	**05/26/17 10:50**	**Aqueous**	**GC 46**	**06/01/17**	**06/02/17 21:07**	**170601B11S**

Parameter	Result	RL	DF	Qualifiers
TPH as Diesel	2700	45	1.00	HD,SG

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	92	68-140	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW3A	**17-05-2304-5-I**	**05/26/17 10:15**	**Aqueous**	**GC 46**	**06/01/17**	**06/02/17 21:28**	**170601B11S**

Parameter	Result	RL	DF	Qualifiers
TPH as Diesel	ND	45	1.00	SG

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	83	68-140	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW4	**17-05-2304-6-I**	**05/26/17 11:25**	**Aqueous**	**GC 46**	**06/01/17**	**06/02/17 21:49**	**170601B11S**

Parameter	Result	RL	DF	Qualifiers
TPH as Diesel	3400	45	1.00	HD,SG

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	95	68-140	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

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

Date Received: 05/31/17
Work Order: 17-05-2304
Preparation: EPA 3510C
Method: EPA 8015B (M)
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
MW5	**17-05-2304-7-I**	**05/26/17 11:20**	**Aqueous**	**GC 46**	**06/01/17**	**06/02/17 22:09**	**170601B11S**

Parameter	Result	RL	DF	Qualifiers
TPH as Diesel	3800	45	1.00	HD,SG

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	85	68-140	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW6	**17-05-2304-8-I**	**05/26/17 11:00**	**Aqueous**	**GC 46**	**06/01/17**	**06/02/17 22:30**	**170601B11S**

Parameter	Result	RL	DF	Qualifiers
TPH as Diesel	730	45	1.00	HD,SG

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	91	68-140	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW7	**17-05-2304-9-I**	**05/26/17 11:05**	**Aqueous**	**GC 46**	**06/01/17**	**06/06/17 01:06**	**170601B11S**

Parameter	Result	RL	DF	Qualifiers
TPH as Diesel	7800	230	5.00	HD,SG

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	107	68-140	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW8	**17-05-2304-10-I**	**05/26/17 08:00**	**Aqueous**	**GC 46**	**06/01/17**	**06/02/17 23:14**	**170601B11S**

Parameter	Result	RL	DF	Qualifiers
TPH as Diesel	ND	45	1.00	SG

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	90	68-140	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW9	**17-05-2304-11-I**	**05/26/17 08:30**	**Aqueous**	**GC 46**	**06/01/17**	**06/02/17 23:35**	**170601B11S**

Parameter	Result	RL	DF	Qualifiers
TPH as Diesel	260	45	1.00	HD,SG

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	92	68-140	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

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

Date Received: 05/31/17
Work Order: 17-05-2304
Preparation: EPA 3510C
Method: EPA 8015B (M)
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
Method Blank	**099-15-304-1764**	**N/A**	**Aqueous**	**GC 46**	**06/01/17**	**06/02/17 11:13**	**170601B11S**

Parameter	Result	RL	DF	Qualifiers
TPH as Diesel	ND	50	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
n-Octacosane	98	68-140	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

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

Project: ExxonMobil 79374/022735C

Date Received: 05/31/17
Work Order: 17-05-2304
Preparation: EPA 5030C
Method: EPA 8015B (M)
Units: ug/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW1	**17-05-2304-2-G**	**05/26/17 08:45**	**Aqueous**	**GC 56**	**06/07/17**	**06/08/17 01:37**	**170607L066**

Parameter	Result	RL	DF	Qualifiers
TPH as Gasoline	94	50	1.00	HD

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	89	38-134	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW2	**17-05-2304-3-G**	**05/26/17 07:35**	**Aqueous**	**GC 56**	**06/07/17**	**06/08/17 02:08**	**170607L066**

Parameter	Result	RL	DF	Qualifiers
TPH as Gasoline	ND	50	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	90	38-134	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW3	**17-05-2304-4-G**	**05/26/17 10:50**	**Aqueous**	**GC 56**	**06/07/17**	**06/08/17 02:40**	**170607L066**

Parameter	Result	RL	DF	Qualifiers
TPH as Gasoline	1000	50	1.00	HD

Surrogate	Rec. (%)	Control Limits	Qualifiers
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
MW3A	**17-05-2304-5-G**	**05/26/17 10:15**	**Aqueous**	**GC 56**	**06/07/17**	**06/08/17 03:12**	**170607L066**

Parameter	Result	RL	DF	Qualifiers
TPH as Gasoline	ND	50	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	83	38-134	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW4	**17-05-2304-6-G**	**05/26/17 11:25**	**Aqueous**	**GC 56**	**06/08/17**	**06/09/17 14:02**	**170608L069**

Parameter	Result	RL	DF	Qualifiers
TPH as Gasoline	9600	100	2.00	HD

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	205	38-134	AZ

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

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

Project: ExxonMobil 79374/022735C

Date Received: 05/31/17
Work Order: 17-05-2304
Preparation: EPA 5030C
Method: EPA 8015B (M)
Units: ug/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW5	**17-05-2304-7-G**	**05/26/17 11:20**	**Aqueous**	**GC 56**	**06/07/17**	**06/08/17 03:43**	**170607L066**

Parameter	Result	RL	DF	Qualifiers
TPH as Gasoline	820	50	1.00	HD

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	106	38-134	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW6	**17-05-2304-8-G**	**05/26/17 11:00**	**Aqueous**	**GC 56**	**06/07/17**	**06/08/17 04:15**	**170607L066**

Parameter	Result	RL	DF	Qualifiers
TPH as Gasoline	510	50	1.00	HD

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	102	38-134	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW7	**17-05-2304-9-G**	**05/26/17 11:05**	**Aqueous**	**GC 56**	**06/07/17**	**06/08/17 04:47**	**170607L066**

Parameter	Result	RL	DF	Qualifiers
TPH as Gasoline	980	50	1.00	HD

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	124	38-134	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW8	**17-05-2304-10-G**	**05/26/17 08:00**	**Aqueous**	**GC 56**	**06/07/17**	**06/08/17 05:19**	**170607L066**

Parameter	Result	RL	DF	Qualifiers
TPH as Gasoline	ND	50	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	94	38-134	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW9	**17-05-2304-11-G**	**05/26/17 08:30**	**Aqueous**	**GC 56**	**06/07/17**	**06/08/17 05:50**	**170607L066**

Parameter	Result	RL	DF	Qualifiers
TPH as Gasoline	58	50	1.00	HD

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	105	38-134	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

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

Project: ExxonMobil 79374/022735C

Date Received: 05/31/17
Work Order: 17-05-2304
Preparation: EPA 5030C
Method: EPA 8015B (M)
Units: ug/L

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-436-11481**	**N/A**	**Aqueous**	**GC 56**	**06/07/17**	**06/07/17 23:30**	**170607L066**

Parameter	Result	RL	DF	Qualifiers
TPH as Gasoline	ND	50	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	94	38-134	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	**099-12-436-11483**	**N/A**	**Aqueous**	**GC 56**	**06/08/17**	**06/09/17 05:14**	**170608L069**

Parameter	Result	RL	DF	Qualifiers
TPH as Gasoline	ND	50	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	93	38-134	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

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

Date Received: 05/31/17
Work Order: 17-05-2304
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
MW1	**17-05-2304-2-H**	**05/26/17 08:45**	**Aqueous**	**GC/MS L**	**06/08/17**	**06/08/17 14:29**	**170608L035**

Parameter	Result	RL	DF	Qualifiers
Benzene	1.3	0.50	1.00	
Toluene	ND	0.50	1.00	
Ethylbenzene	ND	0.50	1.00	
o-Xylene	ND	0.50	1.00	
p/m-Xylene	ND	0.50	1.00	
Xylenes (total)	ND	0.50	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	1.00	
Tert-Butyl Alcohol (TBA)	6.2	5.0	1.00	
Diisopropyl Ether (DIPE)	ND	0.50	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	0.50	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	0.50	1.00	
1,1,1,2-Tetrachloroethane	ND	0.50	1.00	
1,1,1-Trichloroethane	ND	0.50	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	1.00	
1,1,2-Trichloroethane	ND	0.50	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	1.00	
1,1-Dichloroethane	ND	0.50	1.00	
1,1-Dichloroethene	ND	0.50	1.00	
1,1-Dichloropropene	ND	0.50	1.00	
1,2,3-Trichlorobenzene	ND	0.50	1.00	
1,2,3-Trichloropropane	ND	1.0	1.00	
1,2,4-Trichlorobenzene	ND	0.50	1.00	
1,2,4-Trimethylbenzene	ND	0.50	1.00	
1,3,5-Trimethylbenzene	ND	0.50	1.00	
c-1,2-Dichloroethene	3.9	0.50	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.00	
1,2-Dibromoethane	ND	0.50	1.00	
1,2-Dichlorobenzene	ND	0.50	1.00	
1,2-Dichloroethane	ND	0.50	1.00	
1,2-Dichloropropane	ND	0.50	1.00	
t-1,2-Dichloroethene	ND	0.50	1.00	
c-1,3-Dichloropropene	ND	0.50	1.00	
1,3-Dichlorobenzene	ND	0.50	1.00	
1,3-Dichloropropane	ND	1.0	1.00	
t-1,3-Dichloropropene	ND	0.50	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Cardno	Date Received:	05/31/17
601 North McDowell Blvd.	Work Order:	17-05-2304
Petaluma, CA 94954-2312	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: ExxonMobil 79374/022735C		Page 2 of 36

Parameter	Result	RL	DF	Qualifiers
1,4-Dichlorobenzene	ND	0.50	1.00	
2,2-Dichloropropane	ND	1.0	1.00	
2-Chlorotoluene	ND	0.50	1.00	
4-Chlorotoluene	ND	0.50	1.00	
4-Methyl-2-Pentanone	ND	5.0	1.00	
Acetone	ND	10	1.00	
Bromobenzene	ND	0.50	1.00	
Bromochloromethane	ND	1.0	1.00	
Bromoform	ND	0.50	1.00	
Bromomethane	ND	1.0	1.00	
Carbon Disulfide	ND	1.0	1.00	
Carbon Tetrachloride	ND	0.50	1.00	
Chlorobenzene	ND	0.50	1.00	
Dibromochloromethane	ND	0.50	1.00	
Chloroethane	ND	0.50	1.00	
Chloroform	ND	0.50	1.00	
Chloromethane	ND	0.50	1.00	
Dibromomethane	ND	0.50	1.00	
Bromodichloromethane	ND	0.50	1.00	
Dichlorodifluoromethane	ND	1.0	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	1.00	
Isopropylbenzene	ND	0.50	1.00	
2-Butanone	ND	5.0	1.00	
Methylene Chloride	ND	1.0	1.00	
2-Hexanone	ND	10	1.00	
Naphthalene	ND	1.0	1.00	
n-Butylbenzene	ND	0.50	1.00	
n-Propylbenzene	ND	0.50	1.00	
p-Isopropyltoluene	ND	0.50	1.00	
sec-Butylbenzene	2.1	0.50	1.00	
Styrene	ND	0.50	1.00	
tert-Butylbenzene	ND	0.50	1.00	
Tetrachloroethene	15	0.50	1.00	
Trichloroethene	4.0	0.50	1.00	
Trichlorofluoromethane	ND	0.50	1.00	
Vinyl Chloride	ND	0.50	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	102	68-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Cardno		Date Received:	05/31/17
601 North McDowell Blvd.		Work Order:	17-05-2304
Petaluma, CA 94954-2312		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/L
Project: ExxonMobil 79374/022735C			Page 3 of 36

Surrogate	Rec. (%)	Control Limits	Qualifiers
Dibromofluoromethane	98	80-127	
1,2-Dichloroethane-d4	106	80-128	
Toluene-d8	101	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

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

Date Received: 05/31/17
Work Order: 17-05-2304
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
MW2	**17-05-2304-3-H**	**05/26/17 07:35**	**Aqueous**	**GC/MS L**	**06/08/17**	**06/08/17 14:59**	**170608L035**

Parameter	Result	RL	DF	Qualifiers
Benzene	ND	0.50	1.00	
Toluene	ND	0.50	1.00	
Ethylbenzene	ND	0.50	1.00	
o-Xylene	ND	0.50	1.00	
p/m-Xylene	ND	0.50	1.00	
Xylenes (total)	ND	0.50	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	1.00	
Tert-Butyl Alcohol (TBA)	ND	5.0	1.00	
Diisopropyl Ether (DIPE)	ND	0.50	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	0.50	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	0.50	1.00	
1,1,1,2-Tetrachloroethane	ND	0.50	1.00	
1,1,1-Trichloroethane	ND	0.50	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	1.00	
1,1,2-Trichloroethane	ND	0.50	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	1.00	
1,1-Dichloroethane	ND	0.50	1.00	
1,1-Dichloroethene	ND	0.50	1.00	
1,1-Dichloropropene	ND	0.50	1.00	
1,2,3-Trichlorobenzene	ND	0.50	1.00	
1,2,3-Trichloropropane	ND	1.0	1.00	
1,2,4-Trichlorobenzene	ND	0.50	1.00	
1,2,4-Trimethylbenzene	ND	0.50	1.00	
1,3,5-Trimethylbenzene	ND	0.50	1.00	
c-1,2-Dichloroethene	3.9	0.50	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.00	
1,2-Dibromoethane	ND	0.50	1.00	
1,2-Dichlorobenzene	ND	0.50	1.00	
1,2-Dichloroethane	ND	0.50	1.00	
1,2-Dichloropropane	ND	0.50	1.00	
t-1,2-Dichloroethene	ND	0.50	1.00	
c-1,3-Dichloropropene	ND	0.50	1.00	
1,3-Dichlorobenzene	ND	0.50	1.00	
1,3-Dichloropropane	ND	1.0	1.00	
t-1,3-Dichloropropene	ND	0.50	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Cardno	Date Received:	05/31/17
601 North McDowell Blvd.	Work Order:	17-05-2304
Petaluma, CA 94954-2312	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: ExxonMobil 79374/022735C		Page 5 of 36

Parameter	Result	RL	DF	Qualifiers
1,4-Dichlorobenzene	ND	0.50	1.00	
2,2-Dichloropropane	ND	1.0	1.00	
2-Chlorotoluene	ND	0.50	1.00	
4-Chlorotoluene	ND	0.50	1.00	
4-Methyl-2-Pentanone	ND	5.0	1.00	
Acetone	ND	10	1.00	
Bromobenzene	ND	0.50	1.00	
Bromochloromethane	ND	1.0	1.00	
Bromoform	ND	0.50	1.00	
Bromomethane	ND	1.0	1.00	
Carbon Disulfide	ND	1.0	1.00	
Carbon Tetrachloride	ND	0.50	1.00	
Chlorobenzene	ND	0.50	1.00	
Dibromochloromethane	ND	0.50	1.00	
Chloroethane	ND	0.50	1.00	
Chloroform	ND	0.50	1.00	
Chloromethane	ND	0.50	1.00	
Dibromomethane	ND	0.50	1.00	
Bromodichloromethane	ND	0.50	1.00	
Dichlorodifluoromethane	ND	1.0	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	1.00	
Isopropylbenzene	ND	0.50	1.00	
2-Butanone	ND	5.0	1.00	
Methylene Chloride	ND	1.0	1.00	
2-Hexanone	ND	10	1.00	
Naphthalene	ND	1.0	1.00	
n-Butylbenzene	ND	0.50	1.00	
n-Propylbenzene	ND	0.50	1.00	
p-Isopropyltoluene	ND	0.50	1.00	
sec-Butylbenzene	ND	0.50	1.00	
Styrene	ND	0.50	1.00	
tert-Butylbenzene	ND	0.50	1.00	
Tetrachloroethene	24	0.50	1.00	
Trichloroethene	3.1	0.50	1.00	
Trichlorofluoromethane	ND	0.50	1.00	
Vinyl Chloride	ND	0.50	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	103	68-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Cardno	Date Received:	05/31/17
601 North McDowell Blvd.	Work Order:	17-05-2304
Petaluma, CA 94954-2312	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: ExxonMobil 79374/022735C		Page 6 of 36

Surrogate	Rec. (%)	Control Limits	Qualifiers
Dibromofluoromethane	96	80-127	
1,2-Dichloroethane-d4	104	80-128	
Toluene-d8	100	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

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

Date Received: 05/31/17
Work Order: 17-05-2304
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
MW3	**17-05-2304-4-F**	**05/26/17 10:50**	**Aqueous**	**GC/MS L**	**06/07/17**	**06/08/17 03:53**	**170607L056**

Parameter	Result	RL	DF	Qualifiers
Benzene	370	10	20.0	
Toluene	110	10	20.0	
Ethylbenzene	530	10	20.0	
o-Xylene	17	10	20.0	
p/m-Xylene	81	10	20.0	
Xylenes (total)	98	10	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	10	20.0	
Tert-Butyl Alcohol (TBA)	ND	100	20.0	
Diisopropyl Ether (DIPE)	ND	10	20.0	
Ethyl-t-Butyl Ether (ETBE)	ND	10	20.0	
Tert-Amyl-Methyl Ether (TAME)	ND	10	20.0	
1,1,1,2-Tetrachloroethane	ND	10	20.0	
1,1,1-Trichloroethane	ND	10	20.0	
1,1,2,2-Tetrachloroethane	ND	10	20.0	
1,1,2-Trichloroethane	ND	10	20.0	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	10	20.0	
1,1-Dichloroethane	ND	10	20.0	
1,1-Dichloroethene	ND	10	20.0	
1,1-Dichloropropene	ND	10	20.0	
1,2,3-Trichlorobenzene	ND	10	20.0	
1,2,3-Trichloropropane	ND	20	20.0	
1,2,4-Trichlorobenzene	ND	10	20.0	
1,2,4-Trimethylbenzene	ND	10	20.0	
1,3,5-Trimethylbenzene	23	10	20.0	
c-1,2-Dichloroethene	ND	10	20.0	
1,2-Dibromo-3-Chloropropane	ND	100	20.0	
1,2-Dibromoethane	ND	10	20.0	
1,2-Dichlorobenzene	ND	10	20.0	
1,2-Dichloroethane	ND	10	20.0	
1,2-Dichloropropane	ND	10	20.0	
t-1,2-Dichloroethene	ND	10	20.0	
c-1,3-Dichloropropene	ND	10	20.0	
1,3-Dichlorobenzene	ND	10	20.0	
1,3-Dichloropropane	ND	20	20.0	
t-1,3-Dichloropropene	ND	10	20.0	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Cardno	Date Received:	05/31/17
601 North McDowell Blvd.	Work Order:	17-05-2304
Petaluma, CA 94954-2312	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: ExxonMobil 79374/022735C		Page 8 of 36

Parameter	Result	RL	DF	Qualifiers
1,4-Dichlorobenzene	ND	10	20.0	
2,2-Dichloropropane	ND	20	20.0	
2-Chlorotoluene	ND	10	20.0	
4-Chlorotoluene	ND	10	20.0	
4-Methyl-2-Pentanone	ND	100	20.0	
Acetone	220	200	20.0	
Bromobenzene	ND	10	20.0	
Bromochloromethane	ND	20	20.0	
Bromoform	ND	10	20.0	
Bromomethane	ND	20	20.0	
Carbon Disulfide	ND	20	20.0	
Carbon Tetrachloride	ND	10	20.0	
Chlorobenzene	ND	10	20.0	
Dibromochloromethane	ND	10	20.0	
Chloroethane	ND	10	20.0	
Chloroform	ND	10	20.0	
Chloromethane	ND	10	20.0	
Dibromomethane	ND	10	20.0	
Bromodichloromethane	ND	10	20.0	
Dichlorodifluoromethane	ND	20	20.0	
Hexachloro-1,3-Butadiene	ND	40	20.0	
Isopropylbenzene	73	10	20.0	
2-Butanone	ND	100	20.0	
Methylene Chloride	ND	20	20.0	
2-Hexanone	ND	200	20.0	
Naphthalene	170	20	20.0	
n-Butylbenzene	19	10	20.0	
n-Propylbenzene	88	10	20.0	
p-Isopropyltoluene	14	10	20.0	
sec-Butylbenzene	13	10	20.0	
Styrene	ND	10	20.0	
tert-Butylbenzene	ND	10	20.0	
Tetrachloroethene	ND	10	20.0	
Trichloroethene	ND	10	20.0	
Trichlorofluoromethane	ND	10	20.0	
Vinyl Chloride	ND	10	20.0	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	105	68-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Cardno		Date Received:	05/31/17
601 North McDowell Blvd.		Work Order:	17-05-2304
Petaluma, CA 94954-2312		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/L
Project: ExxonMobil 79374/022735C			Page 9 of 36

Surrogate	Rec. (%)	Control Limits	Qualifiers
Dibromofluoromethane	101	80-127	
1,2-Dichloroethane-d4	110	80-128	
Toluene-d8	107	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

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

Date Received: 05/31/17
Work Order: 17-05-2304
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
MW3A	**17-05-2304-5-F**	**05/26/17 10:15**	**Aqueous**	**GC/MS L**	**06/07/17**	**06/08/17 04:23**	**170607L056**

Parameter	Result	RL	DF	Qualifiers
Benzene	0.92	0.50	1.00	
Toluene	ND	0.50	1.00	
Ethylbenzene	0.72	0.50	1.00	
o-Xylene	ND	0.50	1.00	
p/m-Xylene	ND	0.50	1.00	
Xylenes (total)	ND	0.50	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	1.00	
Tert-Butyl Alcohol (TBA)	ND	5.0	1.00	
Diisopropyl Ether (DIPE)	ND	0.50	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	0.50	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	0.50	1.00	
1,1,1,2-Tetrachloroethane	ND	0.50	1.00	
1,1,1-Trichloroethane	ND	0.50	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	1.00	
1,1,2-Trichloroethane	ND	0.50	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	1.00	
1,1-Dichloroethane	ND	0.50	1.00	
1,1-Dichloroethene	ND	0.50	1.00	
1,1-Dichloropropene	ND	0.50	1.00	
1,2,3-Trichlorobenzene	ND	0.50	1.00	
1,2,3-Trichloropropane	ND	1.0	1.00	
1,2,4-Trichlorobenzene	ND	0.50	1.00	
1,2,4-Trimethylbenzene	ND	0.50	1.00	
1,3,5-Trimethylbenzene	ND	0.50	1.00	
c-1,2-Dichloroethene	ND	0.50	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.00	
1,2-Dibromoethane	ND	0.50	1.00	
1,2-Dichlorobenzene	ND	0.50	1.00	
1,2-Dichloroethane	ND	0.50	1.00	
1,2-Dichloropropane	ND	0.50	1.00	
t-1,2-Dichloroethene	ND	0.50	1.00	
c-1,3-Dichloropropene	ND	0.50	1.00	
1,3-Dichlorobenzene	ND	0.50	1.00	
1,3-Dichloropropane	ND	1.0	1.00	
t-1,3-Dichloropropene	ND	0.50	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Cardno	Date Received:	05/31/17
601 North McDowell Blvd.	Work Order:	17-05-2304
Petaluma, CA 94954-2312	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: ExxonMobil 79374/022735C		Page 11 of 36

Parameter	Result	RL	DF	Qualifiers
1,4-Dichlorobenzene	ND	0.50	1.00	
2,2-Dichloropropane	ND	1.0	1.00	
2-Chlorotoluene	ND	0.50	1.00	
4-Chlorotoluene	ND	0.50	1.00	
4-Methyl-2-Pentanone	ND	5.0	1.00	
Acetone	ND	10	1.00	
Bromobenzene	ND	0.50	1.00	
Bromochloromethane	ND	1.0	1.00	
Bromoform	ND	0.50	1.00	
Bromomethane	ND	1.0	1.00	
Carbon Disulfide	ND	1.0	1.00	
Carbon Tetrachloride	ND	0.50	1.00	
Chlorobenzene	ND	0.50	1.00	
Dibromochloromethane	ND	0.50	1.00	
Chloroethane	ND	0.50	1.00	
Chloroform	ND	0.50	1.00	
Chloromethane	ND	0.50	1.00	
Dibromomethane	ND	0.50	1.00	
Bromodichloromethane	ND	0.50	1.00	
Dichlorodifluoromethane	ND	1.0	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	1.00	
Isopropylbenzene	ND	0.50	1.00	
2-Butanone	ND	5.0	1.00	
Methylene Chloride	ND	1.0	1.00	
2-Hexanone	ND	10	1.00	
Naphthalene	ND	1.0	1.00	
n-Butylbenzene	ND	0.50	1.00	
n-Propylbenzene	0.54	0.50	1.00	
p-Isopropyltoluene	ND	0.50	1.00	
sec-Butylbenzene	ND	0.50	1.00	
Styrene	ND	0.50	1.00	
tert-Butylbenzene	ND	0.50	1.00	
Tetrachloroethene	ND	0.50	1.00	
Trichloroethene	ND	0.50	1.00	
Trichlorofluoromethane	ND	0.50	1.00	
Vinyl Chloride	ND	0.50	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	103	68-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Cardno		Date Received:	05/31/17
601 North McDowell Blvd.		Work Order:	17-05-2304
Petaluma, CA 94954-2312		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/L
Project: ExxonMobil 79374/022735C			Page 12 of 36

Surrogate	Rec. (%)	Control Limits	Qualifiers
Dibromofluoromethane	103	80-127	
1,2-Dichloroethane-d4	116	80-128	
Toluene-d8	102	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

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

Date Received: 05/31/17
Work Order: 17-05-2304
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
MW4	**17-05-2304-6-F**	**05/26/17 11:25**	**Aqueous**	**GC/MS L**	**06/07/17**	**06/08/17 04:54**	**170607L056**

Parameter	Result	RL	DF	Qualifiers
Toluene	33	5.0	10.0	
Ethylbenzene	190	5.0	10.0	
o-Xylene	14	5.0	10.0	
p/m-Xylene	71	5.0	10.0	
Xylenes (total)	85	5.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	10.0	
Tert-Butyl Alcohol (TBA)	ND	50	10.0	
Diisopropyl Ether (DIPE)	ND	5.0	10.0	
Ethyl-t-Butyl Ether (ETBE)	ND	5.0	10.0	
Tert-Amyl-Methyl Ether (TAME)	ND	5.0	10.0	
1,1,1,2-Tetrachloroethane	ND	5.0	10.0	
1,1,1-Trichloroethane	ND	5.0	10.0	
1,1,2,2-Tetrachloroethane	ND	5.0	10.0	
1,1,2-Trichloroethane	ND	5.0	10.0	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	5.0	10.0	
1,1-Dichloroethane	ND	5.0	10.0	
1,1-Dichloroethene	ND	5.0	10.0	
1,1-Dichloropropene	ND	5.0	10.0	
1,2,3-Trichlorobenzene	ND	5.0	10.0	
1,2,3-Trichloropropane	ND	10	10.0	
1,2,4-Trichlorobenzene	ND	5.0	10.0	
1,2,4-Trimethylbenzene	250	5.0	10.0	
1,3,5-Trimethylbenzene	120	5.0	10.0	
c-1,2-Dichloroethene	ND	5.0	10.0	
1,2-Dibromo-3-Chloropropane	ND	50	10.0	
1,2-Dibromoethane	ND	5.0	10.0	
1,2-Dichlorobenzene	ND	5.0	10.0	
1,2-Dichloroethane	ND	5.0	10.0	
1,2-Dichloropropane	ND	5.0	10.0	
t-1,2-Dichloroethene	ND	5.0	10.0	
c-1,3-Dichloropropene	ND	5.0	10.0	
1,3-Dichlorobenzene	ND	5.0	10.0	
1,3-Dichloropropane	ND	10	10.0	
t-1,3-Dichloropropene	ND	5.0	10.0	
1,4-Dichlorobenzene	ND	5.0	10.0	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Cardno		Date Received:	05/31/17
601 North McDowell Blvd.		Work Order:	17-05-2304
Petaluma, CA 94954-2312		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/L
Project: ExxonMobil 79374/022735C			Page 14 of 36

Parameter	Result	RL	DF	Qualifiers
2,2-Dichloropropane	ND	10	10.0	
2-Chlorotoluene	ND	5.0	10.0	
4-Chlorotoluene	ND	5.0	10.0	
4-Methyl-2-Pentanone	ND	50	10.0	
Acetone	120	100	10.0	
Bromobenzene	ND	5.0	10.0	
Bromochloromethane	ND	10	10.0	
Bromoform	ND	5.0	10.0	
Bromomethane	ND	10	10.0	
Carbon Disulfide	ND	10	10.0	
Carbon Tetrachloride	ND	5.0	10.0	
Chlorobenzene	ND	5.0	10.0	
Dibromochloromethane	ND	5.0	10.0	
Chloroethane	ND	5.0	10.0	
Chloroform	ND	5.0	10.0	
Chloromethane	ND	5.0	10.0	
Dibromomethane	ND	5.0	10.0	
Bromodichloromethane	ND	5.0	10.0	
Dichlorodifluoromethane	ND	10	10.0	
Hexachloro-1,3-Butadiene	ND	20	10.0	
Isopropylbenzene	78	5.0	10.0	
2-Butanone	ND	50	10.0	
Methylene Chloride	ND	10	10.0	
2-Hexanone	ND	100	10.0	
Naphthalene	160	10	10.0	
n-Butylbenzene	89	5.0	10.0	
n-Propylbenzene	190	5.0	10.0	
p-Isopropyltoluene	9.0	5.0	10.0	
sec-Butylbenzene	28	5.0	10.0	
Styrene	ND	5.0	10.0	
tert-Butylbenzene	8.7	5.0	10.0	
Tetrachloroethene	ND	5.0	10.0	
Trichloroethene	ND	5.0	10.0	
Trichlorofluoromethane	ND	5.0	10.0	
Vinyl Chloride	ND	5.0	10.0	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	104	68-120	
Dibromofluoromethane	104	80-127	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Cardno		Date Received:	05/31/17
601 North McDowell Blvd.		Work Order:	17-05-2304
Petaluma, CA 94954-2312		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/L
Project: ExxonMobil 79374/022735C			Page 15 of 36

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,2-Dichloroethane-d4	112	80-128	
Toluene-d8	103	80-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW4	**17-05-2304-6-H**	**05/26/17 11:25**	**Aqueous**	**GC/MS L**	**06/08/17**	**06/08/17 13:58**	**170608L035**

Parameter	Result	RL	DF	Qualifiers
Benzene	510	20	40.0	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	101	68-120	
Dibromofluoromethane	100	80-127	
1,2-Dichloroethane-d4	104	80-128	
Toluene-d8	99	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

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

Date Received: 05/31/17
Work Order: 17-05-2304
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
MW5	**17-05-2304-7-B**	**05/26/17 11:20**	**Aqueous**	**GC/MS L**	**06/08/17**	**06/08/17 11:56**	**170608L035**

Parameter	Result	RL	DF	Qualifiers
Benzene	100	4.0	8.00	
Toluene	ND	4.0	8.00	
Ethylbenzene	160	4.0	8.00	
o-Xylene	ND	4.0	8.00	
p/m-Xylene	29	4.0	8.00	
Xylenes (total)	29	4.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	4.0	8.00	
Tert-Butyl Alcohol (TBA)	ND	40	8.00	
Diisopropyl Ether (DIPE)	ND	4.0	8.00	
Ethyl-t-Butyl Ether (ETBE)	ND	4.0	8.00	
Tert-Amyl-Methyl Ether (TAME)	ND	4.0	8.00	
1,1,1,2-Tetrachloroethane	ND	4.0	8.00	
1,1,1-Trichloroethane	ND	4.0	8.00	
1,1,2,2-Tetrachloroethane	ND	4.0	8.00	
1,1,2-Trichloroethane	ND	4.0	8.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	4.0	8.00	
1,1-Dichloroethane	ND	4.0	8.00	
1,1-Dichloroethene	ND	4.0	8.00	
1,1-Dichloropropene	ND	4.0	8.00	
1,2,3-Trichlorobenzene	ND	4.0	8.00	
1,2,3-Trichloropropane	ND	8.0	8.00	
1,2,4-Trichlorobenzene	ND	4.0	8.00	
1,2,4-Trimethylbenzene	230	4.0	8.00	
1,3,5-Trimethylbenzene	40	4.0	8.00	
c-1,2-Dichloroethene	ND	4.0	8.00	
1,2-Dibromo-3-Chloropropane	ND	40	8.00	
1,2-Dibromoethane	ND	4.0	8.00	
1,2-Dichlorobenzene	ND	4.0	8.00	
1,2-Dichloroethane	ND	4.0	8.00	
1,2-Dichloropropane	ND	4.0	8.00	
t-1,2-Dichloroethene	ND	4.0	8.00	
c-1,3-Dichloropropene	ND	4.0	8.00	
1,3-Dichlorobenzene	ND	4.0	8.00	
1,3-Dichloropropane	ND	8.0	8.00	
t-1,3-Dichloropropene	ND	4.0	8.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Cardno	Date Received:	05/31/17
601 North McDowell Blvd.	Work Order:	17-05-2304
Petaluma, CA 94954-2312	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: ExxonMobil 79374/022735C		Page 17 of 36

Parameter	Result	RL	DF	Qualifiers
1,4-Dichlorobenzene	ND	4.0	8.00	
2,2-Dichloropropane	ND	8.0	8.00	
2-Chlorotoluene	ND	4.0	8.00	
4-Chlorotoluene	ND	4.0	8.00	
4-Methyl-2-Pentanone	ND	40	8.00	
Acetone	ND	80	8.00	
Bromobenzene	ND	4.0	8.00	
Bromochloromethane	ND	8.0	8.00	
Bromoform	ND	4.0	8.00	
Bromomethane	ND	8.0	8.00	
Carbon Disulfide	ND	8.0	8.00	
Carbon Tetrachloride	ND	4.0	8.00	
Chlorobenzene	ND	4.0	8.00	
Dibromochloromethane	ND	4.0	8.00	
Chloroethane	ND	4.0	8.00	
Chloroform	ND	4.0	8.00	
Chloromethane	ND	4.0	8.00	
Dibromomethane	ND	4.0	8.00	
Bromodichloromethane	ND	4.0	8.00	
Dichlorodifluoromethane	ND	8.0	8.00	
Hexachloro-1,3-Butadiene	ND	16	8.00	
Isopropylbenzene	40	4.0	8.00	
2-Butanone	ND	40	8.00	
Methylene Chloride	ND	8.0	8.00	
2-Hexanone	ND	80	8.00	
Naphthalene	50	8.0	8.00	
n-Butylbenzene	60	4.0	8.00	
n-Propylbenzene	150	4.0	8.00	
p-Isopropyltoluene	9.2	4.0	8.00	
sec-Butylbenzene	26	4.0	8.00	
Styrene	ND	4.0	8.00	
tert-Butylbenzene	ND	4.0	8.00	
Tetrachloroethene	ND	4.0	8.00	
Trichloroethene	ND	4.0	8.00	
Trichlorofluoromethane	ND	4.0	8.00	
Vinyl Chloride	ND	4.0	8.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	105	68-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Cardno	Date Received:	05/31/17
601 North McDowell Blvd.	Work Order:	17-05-2304
Petaluma, CA 94954-2312	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: ExxonMobil 79374/022735C		Page 18 of 36

Surrogate	Rec. (%)	Control Limits	Qualifiers
Dibromofluoromethane	97	80-127	
1,2-Dichloroethane-d4	99	80-128	
Toluene-d8	103	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

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

Date Received: 05/31/17
Work Order: 17-05-2304
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
MW6	**17-05-2304-8-A**	**05/26/17 11:00**	**Aqueous**	**GC/MS L**	**06/07/17**	**06/08/17 05:55**	**170607L056**

Parameter	Result	RL	DF	Qualifiers
Benzene	3.1	0.50	1.00	
Toluene	0.64	0.50	1.00	
Ethylbenzene	3.0	0.50	1.00	
o-Xylene	ND	0.50	1.00	
p/m-Xylene	2.7	0.50	1.00	
Xylenes (total)	2.7	0.50	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	1.00	
Tert-Butyl Alcohol (TBA)	5.5	5.0	1.00	
Diisopropyl Ether (DIPE)	ND	0.50	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	0.50	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	0.50	1.00	
1,1,1,2-Tetrachloroethane	ND	0.50	1.00	
1,1,1-Trichloroethane	ND	0.50	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	1.00	
1,1,2-Trichloroethane	ND	0.50	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	1.00	
1,1-Dichloroethane	ND	0.50	1.00	
1,1-Dichloroethene	ND	0.50	1.00	
1,1-Dichloropropene	ND	0.50	1.00	
1,2,3-Trichlorobenzene	ND	0.50	1.00	
1,2,3-Trichloropropane	ND	1.0	1.00	
1,2,4-Trichlorobenzene	ND	0.50	1.00	
1,2,4-Trimethylbenzene	0.71	0.50	1.00	
1,3,5-Trimethylbenzene	0.52	0.50	1.00	
c-1,2-Dichloroethene	ND	0.50	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.00	
1,2-Dibromoethane	ND	0.50	1.00	
1,2-Dichlorobenzene	ND	0.50	1.00	
1,2-Dichloroethane	ND	0.50	1.00	
1,2-Dichloropropane	ND	0.50	1.00	
t-1,2-Dichloroethene	ND	0.50	1.00	
c-1,3-Dichloropropene	ND	0.50	1.00	
1,3-Dichlorobenzene	ND	0.50	1.00	
1,3-Dichloropropane	ND	1.0	1.00	
t-1,3-Dichloropropene	ND	0.50	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Cardno	Date Received:	05/31/17
601 North McDowell Blvd.	Work Order:	17-05-2304
Petaluma, CA 94954-2312	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: ExxonMobil 79374/022735C		Page 20 of 36

Parameter	Result	RL	DF	Qualifiers
1,4-Dichlorobenzene	ND	0.50	1.00	
2,2-Dichloropropane	ND	1.0	1.00	
2-Chlorotoluene	ND	0.50	1.00	
4-Chlorotoluene	ND	0.50	1.00	
4-Methyl-2-Pentanone	ND	5.0	1.00	
Acetone	ND	10	1.00	
Bromobenzene	ND	0.50	1.00	
Bromochloromethane	ND	1.0	1.00	
Bromoform	ND	0.50	1.00	
Bromomethane	ND	1.0	1.00	
Carbon Disulfide	ND	1.0	1.00	
Carbon Tetrachloride	ND	0.50	1.00	
Chlorobenzene	0.58	0.50	1.00	
Dibromochloromethane	ND	0.50	1.00	
Chloroethane	ND	0.50	1.00	
Chloroform	ND	0.50	1.00	
Chloromethane	ND	0.50	1.00	
Dibromomethane	ND	0.50	1.00	
Bromodichloromethane	ND	0.50	1.00	
Dichlorodifluoromethane	ND	1.0	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	1.00	
Isopropylbenzene	17	0.50	1.00	
2-Butanone	ND	5.0	1.00	
Methylene Chloride	ND	1.0	1.00	
2-Hexanone	ND	10	1.00	
Naphthalene	14	1.0	1.00	
n-Butylbenzene	11	0.50	1.00	
p-Isopropyltoluene	0.69	0.50	1.00	
sec-Butylbenzene	6.7	0.50	1.00	
Styrene	ND	0.50	1.00	
tert-Butylbenzene	ND	0.50	1.00	
Tetrachloroethene	ND	0.50	1.00	
Trichloroethene	ND	0.50	1.00	
Trichlorofluoromethane	ND	0.50	1.00	
Vinyl Chloride	ND	0.50	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	103	68-120	
Dibromofluoromethane	101	80-127	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Cardno		Date Received:	05/31/17
601 North McDowell Blvd.		Work Order:	17-05-2304
Petaluma, CA 94954-2312		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/L
Project: ExxonMobil 79374/022735C			Page 21 of 36

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,2-Dichloroethane-d4	109	80-128	
Toluene-d8	103	80-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW6	**17-05-2304-8-B**	**05/26/17 11:00**	**Aqueous**	**GC/MS L**	**06/08/17**	**06/08/17 15:30**	**170608L035**

Parameter	Result	RL	DF	Qualifiers
n-Propylbenzene	40	2.0	4.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	97	68-120	
Dibromofluoromethane	99	80-127	
1,2-Dichloroethane-d4	102	80-128	
Toluene-d8	102	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

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

Date Received: 05/31/17
Work Order: 17-05-2304
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
MW7	**17-05-2304-9-A**	**05/26/17 11:05**	**Aqueous**	**GC/MS L**	**06/07/17**	**06/08/17 06:25**	**170607L056**

Parameter	Result	RL	DF	Qualifiers
Toluene	11	2.5	5.00	
Ethylbenzene	23	2.5	5.00	
o-Xylene	2.5	2.5	5.00	
p/m-Xylene	14	2.5	5.00	
Xylenes (total)	17	2.5	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	2.5	5.00	
Tert-Butyl Alcohol (TBA)	ND	25	5.00	
Diisopropyl Ether (DIPE)	14	2.5	5.00	
Ethyl-t-Butyl Ether (ETBE)	ND	2.5	5.00	
Tert-Amyl-Methyl Ether (TAME)	ND	2.5	5.00	
1,1,1,2-Tetrachloroethane	ND	2.5	5.00	
1,1,1-Trichloroethane	ND	2.5	5.00	
1,1,2,2-Tetrachloroethane	ND	2.5	5.00	
1,1,2-Trichloroethane	ND	2.5	5.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	2.5	5.00	
1,1-Dichloroethane	ND	2.5	5.00	
1,1-Dichloroethene	ND	2.5	5.00	
1,1-Dichloropropene	ND	2.5	5.00	
1,2,3-Trichlorobenzene	ND	2.5	5.00	
1,2,3-Trichloropropane	ND	5.0	5.00	
1,2,4-Trichlorobenzene	ND	2.5	5.00	
1,2,4-Trimethylbenzene	2.7	2.5	5.00	
1,3,5-Trimethylbenzene	3.7	2.5	5.00	
c-1,2-Dichloroethene	ND	2.5	5.00	
1,2-Dibromo-3-Chloropropane	ND	25	5.00	
1,2-Dibromoethane	ND	2.5	5.00	
1,2-Dichlorobenzene	ND	2.5	5.00	
1,2-Dichloroethane	ND	2.5	5.00	
1,2-Dichloropropane	ND	2.5	5.00	
t-1,2-Dichloroethene	ND	2.5	5.00	
c-1,3-Dichloropropene	ND	2.5	5.00	
1,3-Dichlorobenzene	ND	2.5	5.00	
1,3-Dichloropropane	ND	5.0	5.00	
t-1,3-Dichloropropene	ND	2.5	5.00	
1,4-Dichlorobenzene	ND	2.5	5.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Cardno	Date Received:	05/31/17
601 North McDowell Blvd.	Work Order:	17-05-2304
Petaluma, CA 94954-2312	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: ExxonMobil 79374/022735C		Page 23 of 36

Parameter	Result	RL	DF	Qualifiers
2,2-Dichloropropane	ND	5.0	5.00	
2-Chlorotoluene	ND	2.5	5.00	
4-Chlorotoluene	ND	2.5	5.00	
4-Methyl-2-Pentanone	ND	25	5.00	
Acetone	100	50	5.00	
Bromobenzene	ND	2.5	5.00	
Bromochloromethane	ND	5.0	5.00	
Bromoform	ND	2.5	5.00	
Bromomethane	ND	5.0	5.00	
Carbon Disulfide	ND	5.0	5.00	
Carbon Tetrachloride	ND	2.5	5.00	
Chlorobenzene	ND	2.5	5.00	
Dibromochloromethane	ND	2.5	5.00	
Chloroethane	ND	2.5	5.00	
Chloroform	ND	2.5	5.00	
Chloromethane	ND	2.5	5.00	
Dibromomethane	ND	2.5	5.00	
Bromodichloromethane	ND	2.5	5.00	
Dichlorodifluoromethane	ND	5.0	5.00	
Hexachloro-1,3-Butadiene	ND	10	5.00	
Isopropylbenzene	140	2.5	5.00	
2-Butanone	42	25	5.00	
Methylene Chloride	ND	5.0	5.00	
2-Hexanone	ND	50	5.00	
Naphthalene	140	5.0	5.00	
n-Butylbenzene	110	2.5	5.00	
p-Isopropyltoluene	6.9	2.5	5.00	
sec-Butylbenzene	50	2.5	5.00	
Styrene	ND	2.5	5.00	
tert-Butylbenzene	7.0	2.5	5.00	
Tetrachloroethene	ND	2.5	5.00	
Trichloroethene	ND	2.5	5.00	
Trichlorofluoromethane	ND	2.5	5.00	
Vinyl Chloride	ND	2.5	5.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	104	68-120	
Dibromofluoromethane	98	80-127	
1,2-Dichloroethane-d4	102	80-128	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Cardno		Date Received:	05/31/17
601 North McDowell Blvd.		Work Order:	17-05-2304
Petaluma, CA 94954-2312		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/L
Project: ExxonMobil 79374/022735C			Page 24 of 36

Surrogate	Rec. (%)	Control Limits	Qualifiers
Toluene-d8	103	80-120	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
MW7	**17-05-2304-9-B**	**05/26/17 11:05**	**Aqueous**	**GC/MS L**	**06/08/17**	**06/08/17 16:00**	**170608L035**

Parameter	Result	RL	DF	Qualifiers
Benzene	200	20	40.0	
n-Propylbenzene	410	20	40.0	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	101	68-120	
Dibromofluoromethane	98	80-127	
1,2-Dichloroethane-d4	101	80-128	
Toluene-d8	100	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

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

Date Received: 05/31/17
Work Order: 17-05-2304
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
MW8	**17-05-2304-10-A**	**05/26/17 08:00**	**Aqueous**	**GC/MS L**	**06/07/17**	**06/08/17 06:56**	**170607L056**

Parameter	Result	RL	DF	Qualifiers
Benzene	ND	0.50	1.00	
Toluene	ND	0.50	1.00	
Ethylbenzene	ND	0.50	1.00	
o-Xylene	ND	0.50	1.00	
p/m-Xylene	ND	0.50	1.00	
Xylenes (total)	ND	0.50	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	1.00	
Tert-Butyl Alcohol (TBA)	ND	5.0	1.00	
Diisopropyl Ether (DIPE)	ND	0.50	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	0.50	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	0.50	1.00	
1,1,1,2-Tetrachloroethane	ND	0.50	1.00	
1,1,1-Trichloroethane	ND	0.50	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	1.00	
1,1,2-Trichloroethane	ND	0.50	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	1.00	
1,1-Dichloroethane	ND	0.50	1.00	
1,1-Dichloroethene	ND	0.50	1.00	
1,1-Dichloropropene	ND	0.50	1.00	
1,2,3-Trichlorobenzene	ND	0.50	1.00	
1,2,3-Trichloropropane	ND	1.0	1.00	
1,2,4-Trichlorobenzene	ND	0.50	1.00	
1,2,4-Trimethylbenzene	ND	0.50	1.00	
1,3,5-Trimethylbenzene	ND	0.50	1.00	
c-1,2-Dichloroethene	ND	0.50	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.00	
1,2-Dibromoethane	ND	0.50	1.00	
1,2-Dichlorobenzene	ND	0.50	1.00	
1,2-Dichloroethane	ND	0.50	1.00	
1,2-Dichloropropane	ND	0.50	1.00	
t-1,2-Dichloroethene	ND	0.50	1.00	
c-1,3-Dichloropropene	ND	0.50	1.00	
1,3-Dichlorobenzene	ND	0.50	1.00	
1,3-Dichloropropane	ND	1.0	1.00	
t-1,3-Dichloropropene	ND	0.50	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Cardno	Date Received:	05/31/17
601 North McDowell Blvd.	Work Order:	17-05-2304
Petaluma, CA 94954-2312	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: ExxonMobil 79374/022735C		Page 26 of 36

Parameter	Result	RL	DF	Qualifiers
1,4-Dichlorobenzene	ND	0.50	1.00	
2,2-Dichloropropane	ND	1.0	1.00	
2-Chlorotoluene	ND	0.50	1.00	
4-Chlorotoluene	ND	0.50	1.00	
4-Methyl-2-Pentanone	ND	5.0	1.00	
Acetone	ND	10	1.00	
Bromobenzene	ND	0.50	1.00	
Bromochloromethane	ND	1.0	1.00	
Bromoform	ND	0.50	1.00	
Bromomethane	ND	1.0	1.00	
Carbon Disulfide	ND	1.0	1.00	
Carbon Tetrachloride	ND	0.50	1.00	
Chlorobenzene	ND	0.50	1.00	
Dibromochloromethane	ND	0.50	1.00	
Chloroethane	ND	0.50	1.00	
Chloroform	ND	0.50	1.00	
Chloromethane	ND	0.50	1.00	
Dibromomethane	ND	0.50	1.00	
Bromodichloromethane	ND	0.50	1.00	
Dichlorodifluoromethane	ND	1.0	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	1.00	
Isopropylbenzene	ND	0.50	1.00	
2-Butanone	ND	5.0	1.00	
Methylene Chloride	ND	1.0	1.00	
2-Hexanone	ND	10	1.00	
Naphthalene	ND	1.0	1.00	
n-Butylbenzene	ND	0.50	1.00	
n-Propylbenzene	ND	0.50	1.00	
p-Isopropyltoluene	ND	0.50	1.00	
sec-Butylbenzene	ND	0.50	1.00	
Styrene	ND	0.50	1.00	
tert-Butylbenzene	ND	0.50	1.00	
Tetrachloroethene	ND	0.50	1.00	
Trichloroethene	ND	0.50	1.00	
Trichlorofluoromethane	ND	0.50	1.00	
Vinyl Chloride	ND	0.50	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	101	68-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Cardno		Date Received:	05/31/17
601 North McDowell Blvd.		Work Order:	17-05-2304
Petaluma, CA 94954-2312		Preparation:	EPA 5030C
		Method:	EPA 8260B
		Units:	ug/L
Project: ExxonMobil 79374/022735C			Page 27 of 36

Surrogate	Rec. (%)	Control Limits	Qualifiers
Dibromofluoromethane	99	80-127	
1,2-Dichloroethane-d4	103	80-128	
Toluene-d8	99	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

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

Date Received: 05/31/17
Work Order: 17-05-2304
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
MW9	**17-05-2304-11-A**	**05/26/17 08:30**	**Aqueous**	**GC/MS L**	**06/07/17**	**06/08/17 07:26**	**170607L056**

Parameter	Result	RL	DF	Qualifiers
Benzene	ND	0.50	1.00	
Toluene	ND	0.50	1.00	
Ethylbenzene	ND	0.50	1.00	
o-Xylene	ND	0.50	1.00	
p/m-Xylene	ND	0.50	1.00	
Xylenes (total)	ND	0.50	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	1.00	
Tert-Butyl Alcohol (TBA)	ND	5.0	1.00	
Diisopropyl Ether (DIPE)	ND	0.50	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	0.50	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	0.50	1.00	
1,1,1,2-Tetrachloroethane	ND	0.50	1.00	
1,1,1-Trichloroethane	ND	0.50	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	1.00	
1,1,2-Trichloroethane	ND	0.50	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	1.00	
1,1-Dichloroethane	ND	0.50	1.00	
1,1-Dichloroethene	ND	0.50	1.00	
1,1-Dichloropropene	ND	0.50	1.00	
1,2,3-Trichlorobenzene	ND	0.50	1.00	
1,2,3-Trichloropropane	ND	1.0	1.00	
1,2,4-Trichlorobenzene	ND	0.50	1.00	
1,2,4-Trimethylbenzene	ND	0.50	1.00	
1,3,5-Trimethylbenzene	ND	0.50	1.00	
c-1,2-Dichloroethene	ND	0.50	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.00	
1,2-Dibromoethane	ND	0.50	1.00	
1,2-Dichlorobenzene	ND	0.50	1.00	
1,2-Dichloroethane	ND	0.50	1.00	
1,2-Dichloropropane	ND	0.50	1.00	
t-1,2-Dichloroethene	ND	0.50	1.00	
c-1,3-Dichloropropene	ND	0.50	1.00	
1,3-Dichlorobenzene	ND	0.50	1.00	
1,3-Dichloropropane	ND	1.0	1.00	
t-1,3-Dichloropropene	ND	0.50	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Cardno	Date Received:	05/31/17
601 North McDowell Blvd.	Work Order:	17-05-2304
Petaluma, CA 94954-2312	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: ExxonMobil 79374/022735C		Page 29 of 36

Parameter	Result	RL	DF	Qualifiers
1,4-Dichlorobenzene	ND	0.50	1.00	
2,2-Dichloropropane	ND	1.0	1.00	
2-Chlorotoluene	ND	0.50	1.00	
4-Chlorotoluene	ND	0.50	1.00	
4-Methyl-2-Pentanone	ND	5.0	1.00	
Acetone	ND	10	1.00	
Bromobenzene	ND	0.50	1.00	
Bromochloromethane	ND	1.0	1.00	
Bromoform	ND	0.50	1.00	
Bromomethane	ND	1.0	1.00	
Carbon Disulfide	ND	1.0	1.00	
Carbon Tetrachloride	ND	0.50	1.00	
Chlorobenzene	ND	0.50	1.00	
Dibromochloromethane	ND	0.50	1.00	
Chloroethane	ND	0.50	1.00	
Chloroform	ND	0.50	1.00	
Chloromethane	ND	0.50	1.00	
Dibromomethane	ND	0.50	1.00	
Bromodichloromethane	ND	0.50	1.00	
Dichlorodifluoromethane	ND	1.0	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	1.00	
Isopropylbenzene	0.97	0.50	1.00	
2-Butanone	ND	5.0	1.00	
Methylene Chloride	ND	1.0	1.00	
2-Hexanone	ND	10	1.00	
Naphthalene	ND	1.0	1.00	
n-Butylbenzene	1.8	0.50	1.00	
n-Propylbenzene	3.7	0.50	1.00	
p-Isopropyltoluene	ND	0.50	1.00	
sec-Butylbenzene	0.77	0.50	1.00	
Styrene	ND	0.50	1.00	
tert-Butylbenzene	ND	0.50	1.00	
Tetrachloroethene	ND	0.50	1.00	
Trichloroethene	ND	0.50	1.00	
Trichlorofluoromethane	ND	0.50	1.00	
Vinyl Chloride	ND	0.50	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	103	68-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Cardno	Date Received:	05/31/17
601 North McDowell Blvd.	Work Order:	17-05-2304
Petaluma, CA 94954-2312	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: ExxonMobil 79374/022735C		Page 30 of 36

Surrogate	Rec. (%)	Control Limits	Qualifiers
Dibromofluoromethane	99	80-127	
1,2-Dichloroethane-d4	105	80-128	
Toluene-d8	99	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

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

Date Received: 05/31/17
Work Order: 17-05-2304
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
Method Blank	**099-12-880-1541**	**N/A**	**Aqueous**	**GC/MS L**	**06/07/17**	**06/07/17 23:17**	**170607L056**

Parameter	Result	RL	DF	Qualifiers
Benzene	ND	0.50	1.00	
Toluene	ND	0.50	1.00	
Ethylbenzene	ND	0.50	1.00	
o-Xylene	ND	0.50	1.00	
p/m-Xylene	ND	0.50	1.00	
Xylenes (total)	ND	0.50	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	1.00	
Tert-Butyl Alcohol (TBA)	ND	5.0	1.00	
Diisopropyl Ether (DIPE)	ND	0.50	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	0.50	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	0.50	1.00	
1,1,1,2-Tetrachloroethane	ND	0.50	1.00	
1,1,1-Trichloroethane	ND	0.50	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	1.00	
1,1,2-Trichloroethane	ND	0.50	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	1.00	
1,1-Dichloroethane	ND	0.50	1.00	
1,1-Dichloroethene	ND	0.50	1.00	
1,1-Dichloropropene	ND	0.50	1.00	
1,2,3-Trichlorobenzene	ND	0.50	1.00	
1,2,3-Trichloropropane	ND	1.0	1.00	
1,2,4-Trichlorobenzene	ND	0.50	1.00	
1,2,4-Trimethylbenzene	ND	0.50	1.00	
1,3,5-Trimethylbenzene	ND	0.50	1.00	
c-1,2-Dichloroethene	ND	0.50	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.00	
1,2-Dibromoethane	ND	0.50	1.00	
1,2-Dichlorobenzene	ND	0.50	1.00	
1,2-Dichloroethane	ND	0.50	1.00	
1,2-Dichloropropane	ND	0.50	1.00	
t-1,2-Dichloroethene	ND	0.50	1.00	
c-1,3-Dichloropropene	ND	0.50	1.00	
1,3-Dichlorobenzene	ND	0.50	1.00	
1,3-Dichloropropane	ND	1.0	1.00	
t-1,3-Dichloropropene	ND	0.50	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Cardno	Date Received:	05/31/17
601 North McDowell Blvd.	Work Order:	17-05-2304
Petaluma, CA 94954-2312	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: ExxonMobil 79374/022735C		Page 32 of 36

Parameter	Result	RL	DF	Qualifiers
1,4-Dichlorobenzene	ND	0.50	1.00	
2,2-Dichloropropane	ND	1.0	1.00	
2-Chlorotoluene	ND	0.50	1.00	
4-Chlorotoluene	ND	0.50	1.00	
4-Methyl-2-Pentanone	ND	5.0	1.00	
Acetone	ND	10	1.00	
Bromobenzene	ND	0.50	1.00	
Bromochloromethane	ND	1.0	1.00	
Bromoform	ND	0.50	1.00	
Bromomethane	ND	1.0	1.00	
Carbon Disulfide	ND	1.0	1.00	
Carbon Tetrachloride	ND	0.50	1.00	
Chlorobenzene	ND	0.50	1.00	
Dibromochloromethane	ND	0.50	1.00	
Chloroethane	ND	0.50	1.00	
Chloroform	ND	0.50	1.00	
Chloromethane	ND	0.50	1.00	
Dibromomethane	ND	0.50	1.00	
Bromodichloromethane	ND	0.50	1.00	
Dichlorodifluoromethane	ND	1.0	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	1.00	
Isopropylbenzene	ND	0.50	1.00	
2-Butanone	ND	5.0	1.00	
Methylene Chloride	ND	1.0	1.00	
2-Hexanone	ND	10	1.00	
Naphthalene	ND	1.0	1.00	
n-Butylbenzene	ND	0.50	1.00	
n-Propylbenzene	ND	0.50	1.00	
p-Isopropyltoluene	ND	0.50	1.00	
sec-Butylbenzene	ND	0.50	1.00	
Styrene	ND	0.50	1.00	
tert-Butylbenzene	ND	0.50	1.00	
Tetrachloroethene	ND	0.50	1.00	
Trichloroethene	ND	0.50	1.00	
Trichlorofluoromethane	ND	0.50	1.00	
Vinyl Chloride	ND	0.50	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	100	68-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Cardno	Date Received:	05/31/17
601 North McDowell Blvd.	Work Order:	17-05-2304
Petaluma, CA 94954-2312	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: ExxonMobil 79374/022735C		Page 33 of 36

Surrogate	Rec. (%)	Control Limits	Qualifiers
Dibromofluoromethane	108	80-127	
1,2-Dichloroethane-d4	120	80-128	
Toluene-d8	99	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

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

Date Received: 05/31/17
Work Order: 17-05-2304
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
Method Blank	**099-12-880-1542**	**N/A**	**Aqueous**	**GC/MS L**	**06/08/17**	**06/08/17 11:09**	**170608L035**

Parameter	Result	RL	DF	Qualifiers
Benzene	ND	0.50	1.00	
Toluene	ND	0.50	1.00	
Ethylbenzene	ND	0.50	1.00	
o-Xylene	ND	0.50	1.00	
p/m-Xylene	ND	0.50	1.00	
Xylenes (total)	ND	0.50	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.50	1.00	
Tert-Butyl Alcohol (TBA)	ND	5.0	1.00	
Diisopropyl Ether (DIPE)	ND	0.50	1.00	
Ethyl-t-Butyl Ether (ETBE)	ND	0.50	1.00	
Tert-Amyl-Methyl Ether (TAME)	ND	0.50	1.00	
1,1,1,2-Tetrachloroethane	ND	0.50	1.00	
1,1,1-Trichloroethane	ND	0.50	1.00	
1,1,2,2-Tetrachloroethane	ND	0.50	1.00	
1,1,2-Trichloroethane	ND	0.50	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.50	1.00	
1,1-Dichloroethane	ND	0.50	1.00	
1,1-Dichloroethene	ND	0.50	1.00	
1,1-Dichloropropene	ND	0.50	1.00	
1,2,3-Trichlorobenzene	ND	0.50	1.00	
1,2,3-Trichloropropane	ND	1.0	1.00	
1,2,4-Trichlorobenzene	ND	0.50	1.00	
1,2,4-Trimethylbenzene	ND	0.50	1.00	
1,3,5-Trimethylbenzene	ND	0.50	1.00	
c-1,2-Dichloroethene	ND	0.50	1.00	
1,2-Dibromo-3-Chloropropane	ND	5.0	1.00	
1,2-Dibromoethane	ND	0.50	1.00	
1,2-Dichlorobenzene	ND	0.50	1.00	
1,2-Dichloroethane	ND	0.50	1.00	
1,2-Dichloropropane	ND	0.50	1.00	
t-1,2-Dichloroethene	ND	0.50	1.00	
c-1,3-Dichloropropene	ND	0.50	1.00	
1,3-Dichlorobenzene	ND	0.50	1.00	
1,3-Dichloropropane	ND	1.0	1.00	
t-1,3-Dichloropropene	ND	0.50	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Cardno	Date Received:	05/31/17
601 North McDowell Blvd.	Work Order:	17-05-2304
Petaluma, CA 94954-2312	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: ExxonMobil 79374/022735C		Page 35 of 36

Parameter	Result	RL	DF	Qualifiers
1,4-Dichlorobenzene	ND	0.50	1.00	
2,2-Dichloropropane	ND	1.0	1.00	
2-Chlorotoluene	ND	0.50	1.00	
4-Chlorotoluene	ND	0.50	1.00	
4-Methyl-2-Pentanone	ND	5.0	1.00	
Acetone	ND	10	1.00	
Bromobenzene	ND	0.50	1.00	
Bromochloromethane	ND	1.0	1.00	
Bromoform	ND	0.50	1.00	
Bromomethane	ND	1.0	1.00	
Carbon Disulfide	ND	1.0	1.00	
Carbon Tetrachloride	ND	0.50	1.00	
Chlorobenzene	ND	0.50	1.00	
Dibromochloromethane	ND	0.50	1.00	
Chloroethane	ND	0.50	1.00	
Chloroform	ND	0.50	1.00	
Chloromethane	ND	0.50	1.00	
Dibromomethane	ND	0.50	1.00	
Bromodichloromethane	ND	0.50	1.00	
Dichlorodifluoromethane	ND	1.0	1.00	
Hexachloro-1,3-Butadiene	ND	2.0	1.00	
Isopropylbenzene	ND	0.50	1.00	
2-Butanone	ND	5.0	1.00	
Methylene Chloride	ND	1.0	1.00	
2-Hexanone	ND	10	1.00	
Naphthalene	ND	1.0	1.00	
n-Butylbenzene	ND	0.50	1.00	
n-Propylbenzene	ND	0.50	1.00	
p-Isopropyltoluene	ND	0.50	1.00	
sec-Butylbenzene	ND	0.50	1.00	
Styrene	ND	0.50	1.00	
tert-Butylbenzene	ND	0.50	1.00	
Tetrachloroethene	ND	0.50	1.00	
Trichloroethene	ND	0.50	1.00	
Trichlorofluoromethane	ND	0.50	1.00	
Vinyl Chloride	ND	0.50	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene	94	68-120	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Analytical Report

Cardno	Date Received:	05/31/17
601 North McDowell Blvd.	Work Order:	17-05-2304
Petaluma, CA 94954-2312	Preparation:	EPA 5030C
	Method:	EPA 8260B
	Units:	ug/L
Project: ExxonMobil 79374/022735C		Page 36 of 36

Surrogate	Rec. (%)	Control Limits	Qualifiers
Dibromofluoromethane	94	80-127	
1,2-Dichloroethane-d4	95	80-128	
Toluene-d8	102	80-120	

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RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

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Quality Control - Spike/Spike Duplicate

Cardno		Date Received:	05/31/17
601 North McDowell Blvd.		Work Order:	17-05-2304
Petaluma, CA 94954-2312		Preparation:	EPA 5030C
		Method:	EPA 8015B (M)
Project: ExxonMobil 79374/022735C			Page 1 of 4

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
17-05-2364-2	**Sample**	**Aqueous**	**GC 56**	**06/07/17**	**06/08/17 00:02**	**170607S025**
17-05-2364-2	**Matrix Spike**	**Aqueous**	**GC 56**	**06/07/17**	**06/08/17 00:33**	**170607S025**
17-05-2364-2	**Matrix Spike Duplicate**	**Aqueous**	**GC 56**	**06/07/17**	**06/08/17 01:05**	**170607S025**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	374.8	2000	2743	118	2744	118	68-122	0	0-18	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Cardno		Date Received:	05/31/17
601 North McDowell Blvd.		Work Order:	17-05-2304
Petaluma, CA 94954-2312		Preparation:	EPA 5030C
		Method:	EPA 8015B (M)
Project: ExxonMobil 79374/022735C			Page 2 of 4

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
17-06-0512-1	**Sample**	**Aqueous**	**GC 56**	**06/08/17**	**06/09/17 05:45**	**170608S032**
17-06-0512-1	**Matrix Spike**	**Aqueous**	**GC 56**	**06/08/17**	**06/09/17 06:17**	**170608S032**
17-06-0512-1	**Matrix Spike Duplicate**	**Aqueous**	**GC 56**	**06/08/17**	**06/09/17 06:49**	**170608S032**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
TPH as Gasoline	ND	2000	1658	83	1647	82	68-122	1	0-18	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Cardno		Date Received:	05/31/17
601 North McDowell Blvd.		Work Order:	17-05-2304
Petaluma, CA 94954-2312		Preparation:	EPA 5030C
		Method:	EPA 8260B
Project: ExxonMobil 79374/022735C			Page 3 of 4

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
17-06-0367-9	**Sample**	**Aqueous**	**GC/MS L**	**06/07/17**	**06/07/17 23:48**	**170607S015**
17-06-0367-9	**Matrix Spike**	**Aqueous**	**GC/MS L**	**06/07/17**	**06/08/17 01:20**	**170607S015**
17-06-0367-9	**Matrix Spike Duplicate**	**Aqueous**	**GC/MS L**	**06/07/17**	**06/08/17 01:50**	**170607S015**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Benzene	ND	10.00	10.14	101	10.40	104	75-125	3	0-20	
Toluene	ND	10.00	10.11	101	10.34	103	75-125	2	0-20	
Ethylbenzene	ND	10.00	9.765	98	9.907	99	75-125	1	0-20	
o-Xylene	ND	10.00	9.969	100	10.09	101	75-127	1	0-20	
p/m-Xylene	ND	20.00	20.12	101	20.21	101	75-125	0	0-20	
Methyl-t-Butyl Ether (MTBE)	ND	10.00	9.952	100	10.27	103	71-131	3	0-20	
Tert-Butyl Alcohol (TBA)	ND	50.00	55.60	111	55.90	112	20-180	1	0-40	
Diisopropyl Ether (DIPE)	ND	10.00	10.93	109	11.97	120	64-136	9	0-20	
Ethyl-t-Butyl Ether (ETBE)	ND	10.00	9.449	94	10.04	100	73-133	6	0-20	
Tert-Amyl-Methyl Ether (TAME)	ND	10.00	9.762	98	9.967	100	75-125	2	0-20	
1,1-Dichloroethene	ND	10.00	11.07	111	11.40	114	66-126	3	0-20	
1,2-Dibromoethane	ND	10.00	10.68	107	10.91	109	75-126	2	0-20	
1,2-Dichlorobenzene	ND	10.00	9.505	95	9.698	97	75-125	2	0-20	
1,2-Dichloroethane	ND	10.00	11.86	119	11.92	119	75-127	1	0-20	
Carbon Tetrachloride	ND	10.00	9.500	95	10.22	102	69-135	7	0-20	
Chlorobenzene	ND	10.00	9.609	96	9.918	99	75-125	3	0-20	
Trichloroethene	ND	10.00	10.32	103	10.62	106	75-125	3	0-20	
Vinyl Chloride	ND	10.00	10.65	107	11.30	113	52-142	6	0-20	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - Spike/Spike Duplicate

Cardno		Date Received:	05/31/17
601 North McDowell Blvd.		Work Order:	17-05-2304
Petaluma, CA 94954-2312		Preparation:	EPA 5030C
		Method:	EPA 8260B
Project: ExxonMobil 79374/022735C			Page 4 of 4

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
MW5	**Sample**	**Aqueous**	**GC/MS L**	**06/08/17**	**06/08/17 11:56**	**170608S013**
MW5	**Matrix Spike**	**Aqueous**	**GC/MS L**	**06/08/17**	**06/08/17 12:57**	**170608S013**
MW5	**Matrix Spike Duplicate**	**Aqueous**	**GC/MS L**	**06/08/17**	**06/08/17 13:27**	**170608S013**

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Benzene	101.6	80.00	181.9	100	170.6	86	75-125	6	0-20	
Toluene	ND	80.00	83.05	104	74.33	93	75-125	11	0-20	
Ethylbenzene	162.8	80.00	235.2	90	223.5	76	75-125	5	0-20	
o-Xylene	ND	80.00	79.04	99	70.84	89	75-127	11	0-20	
p/m-Xylene	29.41	160.0	183.8	97	168.8	87	75-125	9	0-20	
Methyl-t-Butyl Ether (MTBE)	ND	80.00	78.05	98	76.89	96	71-131	1	0-20	
Tert-Butyl Alcohol (TBA)	ND	400.0	363.2	91	391.7	98	20-180	8	0-40	
Diisopropyl Ether (DIPE)	ND	80.00	83.05	104	89.81	112	64-136	8	0-20	
Ethyl-t-Butyl Ether (ETBE)	ND	80.00	81.22	102	76.93	96	73-133	5	0-20	
Tert-Amyl-Methyl Ether (TAME)	ND	80.00	79.59	99	75.34	94	75-125	5	0-20	
1,1-Dichloroethene	ND	80.00	84.56	106	75.14	94	66-126	12	0-20	
1,2-Dibromoethane	ND	80.00	81.14	101	75.81	95	75-126	7	0-20	
1,2-Dichlorobenzene	ND	80.00	76.42	96	70.91	89	75-125	7	0-20	
1,2-Dichloroethane	ND	80.00	86.79	108	78.66	98	75-127	10	0-20	
Carbon Tetrachloride	ND	80.00	74.01	93	67.96	85	69-135	9	0-20	
Chlorobenzene	ND	80.00	75.26	94	69.08	86	75-125	9	0-20	
Trichloroethene	ND	80.00	80.28	100	72.29	90	75-125	10	0-20	
Vinyl Chloride	ND	80.00	83.26	104	81.39	102	52-142	2	0-20	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS/LCSD

Cardno		Date Received:	05/31/17
601 North McDowell Blvd.		Work Order:	17-05-2304
Petaluma, CA 94954-2312		Preparation:	EPA 3510C
		Method:	EPA 8015B (M)
Project: ExxonMobil 79374/022735C			Page 1 of 6

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-15-278-1414	**LCS**	**Aqueous**	**GC 46**	**06/01/17**	**06/02/17 12:15**	**170601B12S**
099-15-278-1414	**LCSD**	**Aqueous**	**GC 46**	**06/01/17**	**06/02/17 12:35**	**170601B12S**

Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
TPH as Motor Oil	2000	1801	90	1853	93	75-117	3	0-13	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS/LCSD

Cardno		Date Received:	05/31/17
601 North McDowell Blvd.		Work Order:	17-05-2304
Petaluma, CA 94954-2312		Preparation:	EPA 3510C
		Method:	EPA 8015B (M)
Project: ExxonMobil 79374/022735C			Page 2 of 6

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-15-304-1764	**LCS**	**Aqueous**	**GC 46**	**06/01/17**	**06/02/17 11:33**	**170601B11S**
099-15-304-1764	**LCSD**	**Aqueous**	**GC 46**	**06/01/17**	**06/02/17 11:54**	**170601B11S**

Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
TPH as Diesel	2000	1975	99	1965	98	69-123	0	0-30	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Cardno		Date Received:	05/31/17
601 North McDowell Blvd.		Work Order:	17-05-2304
Petaluma, CA 94954-2312		Preparation:	EPA 5030C
		Method:	EPA 8015B (M)
Project: ExxonMobil 79374/022735C			Page 3 of 6

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-12-436-11481	**LCS**	**Aqueous**	**GC 56**	**06/07/17**	**06/07/17 22:58**	**170607L066**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
TPH as Gasoline	2000	1916	96	78-120	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Cardno		Date Received:	05/31/17
601 North McDowell Blvd.		Work Order:	17-05-2304
Petaluma, CA 94954-2312		Preparation:	EPA 5030C
		Method:	EPA 8015B (M)
Project: ExxonMobil 79374/022735C			Page 4 of 6

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-12-436-11483	**LCS**	**Aqueous**	**GC 56**	**06/08/17**	**06/09/17 04:42**	**170608L069**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
TPH as Gasoline	2000	1806	90	78-120	

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Cardno		Date Received:	05/31/17
601 North McDowell Blvd.		Work Order:	17-05-2304
Petaluma, CA 94954-2312		Preparation:	EPA 5030C
		Method:	EPA 8260B
Project: ExxonMobil 79374/022735C			Page 5 of 6

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-12-880-1541	**LCS**	**Aqueous**	**GC/MS L**	**06/07/17**	**06/07/17 22:47**	**170607L056**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
Benzene	10.00	10.65	107	80-120	73-127	
Toluene	10.00	10.71	107	80-120	73-127	
Ethylbenzene	10.00	10.41	104	80-120	73-127	
o-Xylene	10.00	10.59	106	80-120	73-127	
p/m-Xylene	20.00	21.17	106	80-120	73-127	
Methyl-t-Butyl Ether (MTBE)	10.00	10.24	102	75-123	67-131	
Tert-Butyl Alcohol (TBA)	50.00	46.57	93	80-120	73-127	
Diisopropyl Ether (DIPE)	10.00	10.72	107	73-121	65-129	
Ethyl-t-Butyl Ether (ETBE)	10.00	9.845	98	76-124	68-132	
Tert-Amyl-Methyl Ether (TAME)	10.00	9.877	99	80-120	73-127	
1,1-Dichloroethene	10.00	11.82	118	77-120	70-127	
1,2-Dibromoethane	10.00	10.57	106	80-120	73-127	
1,2-Dichlorobenzene	10.00	10.29	103	80-120	73-127	
1,2-Dichloroethane	10.00	11.81	118	80-122	73-129	
Carbon Tetrachloride	10.00	10.38	104	80-129	72-137	
Chlorobenzene	10.00	10.17	102	80-120	73-127	
Trichloroethene	10.00	10.75	108	80-120	73-127	
Vinyl Chloride	10.00	9.924	99	63-135	51-147	

Total number of LCS compounds: 18
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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Quality Control - LCS

Cardno		Date Received:	05/31/17
601 North McDowell Blvd.		Work Order:	17-05-2304
Petaluma, CA 94954-2312		Preparation:	EPA 5030C
		Method:	EPA 8260B
Project: ExxonMobil 79374/022735C			Page 6 of 6

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-12-880-1542	**LCS**	**Aqueous**	**GC/MS L**	**06/08/17**	**06/08/17 09:46**	**170608L035**

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
Benzene	10.00	10.85	108	80-120	73-127	
Toluene	10.00	11.20	112	80-120	73-127	
Ethylbenzene	10.00	10.70	107	80-120	73-127	
o-Xylene	10.00	10.78	108	80-120	73-127	
p/m-Xylene	20.00	21.50	108	80-120	73-127	
Methyl-t-Butyl Ether (MTBE)	10.00	10.58	106	75-123	67-131	
Tert-Butyl Alcohol (TBA)	50.00	44.05	88	80-120	73-127	
Diisopropyl Ether (DIPE)	10.00	10.89	109	73-121	65-129	
Ethyl-t-Butyl Ether (ETBE)	10.00	9.999	100	76-124	68-132	
Tert-Amyl-Methyl Ether (TAME)	10.00	10.62	106	80-120	73-127	
1,1-Dichloroethene	10.00	11.70	117	77-120	70-127	
1,2-Dibromoethane	10.00	10.43	104	80-120	73-127	
1,2-Dichlorobenzene	10.00	10.47	105	80-120	73-127	
1,2-Dichloroethane	10.00	11.29	113	80-122	73-129	
Carbon Tetrachloride	10.00	10.77	108	80-129	72-137	
Chlorobenzene	10.00	10.34	103	80-120	73-127	
Trichloroethene	10.00	10.92	109	80-120	73-127	
Vinyl Chloride	10.00	10.12	101	63-135	51-147	

Total number of LCS compounds: 18
Total number of ME compounds: 0
Total number of ME compounds allowed: 1
LCS ME CL validation result: Pass

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RPD: Relative Percent Difference. CL: Control Limits

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Sample Analysis Summary Report

Work Order: 17-05-2304 Page 1 of 1

Method	Extraction	Chemist ID	Instrument	Analytical Location
EPA 8015B (M)	EPA 3510C	682	GC 46	1
EPA 8015B (M)	EPA 5030C	933	GC 56	2
EPA 8015B (M)	EPA 5030C	1101	GC 56	2
EPA 8260B	EPA 5030C	316	GC/MS L	2

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Glossary of Terms and Qualifiers

Work Order: 17-05-2304 Page 1 of 1

Qualifiers	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 suspected matrix interference.
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.
BV	Sample received after holding time expired.
CI	See case narrative.
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 suspected matrix interference.
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 was in control.
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.
JA	Analyte positively identified but quantitation is an estimate.
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 Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean).
SG	A silica gel cleanup procedure was performed.
SN	See applicable analysis comment.
	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.
	Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.
	A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.

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

ExxonMobil

17-05-2304

Consultant Name: Cardno ERI | **Account #:** NA | **PO#:** Direct Bill Cardno ERI
Consultant Address: 601 N. McDowell Boulevard | **Invoice To:** Direct Bill Cardno ERI
Consultant City/State/Zip: Petaluma, California, 94954 | **Report To:** Scott Perkins
ExxonMobil Project Mgr: Jennifer Sedlachek | **Project Name:** 02 2735 C
Consultant Project Mgr: Scott Perkins | **ExxonMobil Site #:** 79374 | **ajor Project (AFE**
Consultant Telephone Number: 707-766-2000 | **Fax No.:** 707-789-0414 | **Site Address:** 990 San Pablo Avenue
Sampler Name (Print): Sean R. Johnson | **Site City, State, Zip:** Albany, 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: 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	HVOCs by 8260B			RUSH TAT (Pre-Schedule)	5-day TAT	Standard 10-day TAT	Due Date of Report
1	QCBB	QCBB	5/26/17	0700	2					2														X		H	O	L	D							
2	MW1	MW1	5/26/17	0845	10					8						2		X							X	X	X	X	X	X					X	
3	MW2	MW2	5/26/17	0735	10					8						2		X							X	X	X	X	X	X					X	
4	MW3	MW3	5/26/17	1050	10					8						2		X							X	X	X	X	X	X					X	
5	MW3A	MW3A	5/26/17	1015	10					8						2		X							X	X	X	X	X	X					X	
6	MW4	MW4	5/26/17	1125	10					8						2		X							X	X	X	X	X	X					X	
7	MW5	MW5	5/26/17	1120	10					8						2		X							X	X	X	X	X	X					X	
8	MW6	MW6	5/26/17	1100	10					8						2		X							X	X	X	X	X	X					X	
9	MW7	MW7	5/26/17	1105	10					8						2		X							X	X	X	X	X	X					X	
10	MW8	MW8	5/26/17	0800	10					8						2		X							X	X	X	X	X	X					X	
11	MW9	MW9	5/26/17	0830	10					8						2		X							X	X	X	X	X	X					X	

Comments/Special Instructions:
PLEASE E-MAIL ALL PDF FILES TO
norcallabs@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.

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
	5/30/17	1210	Tom Malley ECI	5/30/17	1210
Tom Malley ECI	5/30/17	1730		5/31/17	1045

Received by (Lab personnel):

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2304

https://app.gso.com/Shipping/ShippingLabel

GSO GOLDEN STATE OVERNIGHT

800-322-5555 www.gso.com

Ship From
CAL SCIENCE- CONCORD
ALAN KEMP
5063 COMMERCIAL CIRCLE
#H

Tracking #: 536301457 **NPS**

https://app.gso.com/Shipping/ShippingLabel

GSO GOLDEN STATE OVERNIGHT

800-322-5555 www.gso.com

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

Tracking #: 536301458 **NPS**

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

ORC **A**
GARDEN GROVE

COD: $0.00
Weight: 0 lb(s)
Reference:
PHILLIPS 66, CARDNO ERI, AME, NCAL BLANKS
Delivery Instructions:

D92845A

67470847

Signature Type: REQUIRED

Print Date: 5/30/2017 2:52 PM

Package 2 of 2

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WORK ORDER NUMBER: 17-05- 2304

SAMPLE RECEIPT CHECKLIST

COOLER 1 OF 2

CLIENT: Cardno

DATE: 05 / 31 / 2017

TEMPERATURE: (Criteria: 0.0°C – 6.0°C, not frozen except sediment/tissue)

Thermometer ID: SC (CF: 0.0°C); Temperature (w/o CF): 1-8 °C (w/ CF): 1-8 °C; ☑ Blank ☐ Sample

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

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

☐ Sample(s) received at ambient temperature; placed on ice for transport by courier

Ambient Temperature: ☐ Air ☐ Filter Checked by: BC

CUSTODY SEAL:

Cooler ☑ Present and Intact ☐ Present but Not Intact ☐ Not Present ☐ N/A Checked by: BC

Sample(s) ☐ Present and Intact ☐ Present but Not Intact ☑ Not Present ☐ N/A Checked by: 1017

SAMPLE CONDITION:	Yes	No	N/A
Chain-of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
☐ Sampling date ☐ Sampling time ☐ Matrix ☐ Number of containers			
☐ No analysis requested ☐ Not relinquished ☐ No relinquished date ☐ No relinquished time			
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and in good condition	☑	☐	☐
Proper containers for analyses requested	☑	☐	☐
Sufficient volume/mass for analyses requested	☑	☐	☐
Samples received within holding time	☑	☐	☐
Aqueous samples for certain analyses received within 15-minute holding time			
☐ pH ☐ Residual Chlorine ☐ Dissolved Sulfide ☐ Dissolved Oxygen	☐	☐	☑
Proper preservation chemical(s) noted on COC and/or sample container	☑	☐	☐
Unpreserved aqueous sample(s) received for certain analyses			
☐ Volatile Organics ☐ Total Metals ☐ Dissolved Metals			
Container(s) for certain analysis free of headspace	☑	☐	☐
☐ Volatile Organics ☐ Dissolved Gases (RSK-175) ☐ Dissolved Oxygen (SM 4500)			
☐ Carbon Dioxide (SM 4500) ☐ Ferrous Iron (SM 3500) ☐ Hydrogen Sulfide (Hach)			
Tedlar™ bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE: (Trip Blank Lot Number: N/A)

Aqueous: ☐ VOA ☑ VOA**h** ☐ VOA**na$_2$** ☐ 100PJ ☐ 100PJ**na$_2$** ☐ 125AGB ☐ 125AGB**h** ☐ 125AGB**p** ☐ 125PB ☐ 125PB**znna** ☐ 250AGB ☐ 250CGB ☐ 250CGB**s** ☐ 250PB ☐ 250PB**n** ☐ 500AGB ☑ 500AGJ (2) ☐ 500AGJ**s** ☐ 500PB ☐ 1AGB ☐ 1AGB**na$_2$** ☐ 1AGB**s** ☐ 1PB ☐ 1PB**na** ☐ _____ ☐ _____ ☐ _____ ☐ _____

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

Air: ☐ Tedlar™ ☐ Canister ☐ Sorbent Tube ☐ PUF ☐ _____ **Other Matrix** (_____): ☐ _____ ☐ _____

Container: **A** = Amber, **B** = Bottle, **C** = Clear, **E** = Envelope, **G** = Glass, **J** = Jar, **P** = Plastic, and **Z** = Ziploc/Resealable Bag

Preservative: **b** = buffered, **f** = filtered, **h** = HCl, **n** = HNO_3, **na** = NaOH, **na$_2$** = $Na_2S_2O_3$, **p** = H_3PO_4, **s** = H_2SO_4, **u** = ultra-pure, **x** = Na_2SO_3+$NaHSO_4.H_2O$, **znna** = Zn $(CH_3CO_2)_2$ + NaOH

Labeled/Checked by: 1017

Reviewed by: BC

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WORK ORDER NUMBER: 17-05- 2304

SAMPLE RECEIPT CHECKLIST

COOLER 2 OF 2

CLIENT: Cardno

DATE: 05 / 31 / 2017

TEMPERATURE: (Criteria: 0.0°C – 6.0°C, not frozen except sediment/tissue)

Thermometer ID: SC (CF: 0.0°C); Temperature (w/o CF): 1.7 °C (w/ CF): 1.7 °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

☐ Sample(s) received at ambient temperature; placed on ice for transport by courier

Ambient Temperature: ☐ Air ☐ Filter Checked by: SG

CUSTODY SEAL:

Cooler ☑ Present and Intact ☐ Present but Not Intact ☐ Not Present ☐ N/A Checked by: SG

Sample(s) ☐ Present and Intact ☐ Present but Not Intact ☑ Not Present ☐ N/A Checked by: 1017

SAMPLE CONDITION:	Yes	No	N/A
Chain-of-Custody (COC) document(s) received with samples	☑	☐	☐
COC document(s) received complete	☑	☐	☐
☐ Sampling date ☐ Sampling time ☐ Matrix ☐ Number of containers			
☐ No analysis requested ☐ Not relinquished ☐ No relinquished date ☐ No relinquished time			
Sampler's name indicated on COC	☑	☐	☐
Sample container label(s) consistent with COC	☑	☐	☐
Sample container(s) intact and in good condition	☑	☐	☐
Proper containers for analyses requested	☑	☐	☐
Sufficient volume/mass for analyses requested	☑	☐	☐
Samples received within holding time	☑	☐	☐
Aqueous samples for certain analyses received within 15-minute holding time			
☐ pH ☐ Residual Chlorine ☐ Dissolved Sulfide ☐ Dissolved Oxygen	☐	☐	☑
Proper preservation chemical(s) noted on COC and/or sample container	☑	☐	☐
Unpreserved aqueous sample(s) received for certain analyses			
☐ Volatile Organics ☐ Total Metals ☐ Dissolved Metals			
Container(s) for certain analysis free of headspace	☐	☐	☑
☐ Volatile Organics ☐ Dissolved Gases (RSK-175) ☐ Dissolved Oxygen (SM 4500)			
☐ Carbon Dioxide (SM 4500) ☐ Ferrous Iron (SM 3500) ☐ Hydrogen Sulfide (Hach)			
Tedlar™ bag(s) free of condensation	☐	☐	☑

CONTAINER TYPE: **(Trip Blank Lot Number:** _____**)**

Aqueous: ☐ VOA ☐ VOA**h** ☐ VOA**na$_2$** ☐ 100PJ ☐ 100PJ**na$_2$** ☐ 125AGB ☐ 125AGB**h** ☐ 125AGB**p** ☐ 125PB

☐ 125PB**znna** ☐ 250AGB ☐ 250CGB ☐ 250CGB**s** ☐ 250PB ☐ 250PB**n** ☐ 500AGB ☑ 500AGJ ☐ 500AGJ**s**

☐ 500PB ☐ 1AGB ☐ 1AGB**na$_2$** ☐ 1AGB**s** ☐ 1PB ☐ 1PB**na** ☐ _____ ☐ _____ ☐ _____ ☐ _____

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

Air: ☐ Tedlar™ ☐ Canister ☐ Sorbent Tube ☐ PUF ☐ _____ **Other Matrix** (_____): ☐ _____ ☐ _____

Container: **A** = Amber, **B** = Bottle, **C** = Clear, **E** = Envelope, **G** = Glass, **J** = Jar, **P** = Plastic, and **Z** = Ziploc/Resealable Bag

Preservative: **b** = buffered, **f** = filtered, **h** = HCl, **n** = HNO_3, **na** = NaOH, **na$_2$** = $Na_2S_2O_3$, **p** = H_3PO_4, **s** = H_2SO_4, **u** = ultra-pure, **x** = Na_2SO_3+$NaHSO_4.H_2O$, **znna** = Zn $(CH_3CO_2)_2$ + NaOH

Labeled/Checked by: 1017

Reviewed by: SG

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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. ERI 24352017 0526

2. Page 1 of 1

3. Generator's Name and Mailing address
ExxonMobil Environmental Services/ c/o Cardno
601 N. McDowell Blvd, Petaluma, CA 94954
4. Generator's Phone: (707) 766 2000

STRATOR
990 San Pablo Ave,
Albany, CA
EM#79374

5. Transporter 1 Company Name: CARDNO

6. US EPA ID Number

A. State Transporter's ID 707-766-2000

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.
1105 C. AIRPORT ROAD
RIO VISTA, CA 94571

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone 530-753-1829

11. WASTE DESCRIPTION	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. NON-HAZARDOUS PURGE WATER	01	TRAILOR	104	GAL
b.				
c.				
d.				

GENERATOR

G. Additional Descriptions for Materials Listed Above

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: On Behalf of Exxon Mobil Sean R. Johnson

Signature

Date: Month 05 Day 26 Year 2017

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Scott Savko

Signature

Date: Month 06 Day 15 Year 17

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.

Printed/Typed Name: Instrat Inc Ruben Gonzalez

Signature

Date: Month 6 Day 15 Year 17

NON-HAZARDOUS WASTE