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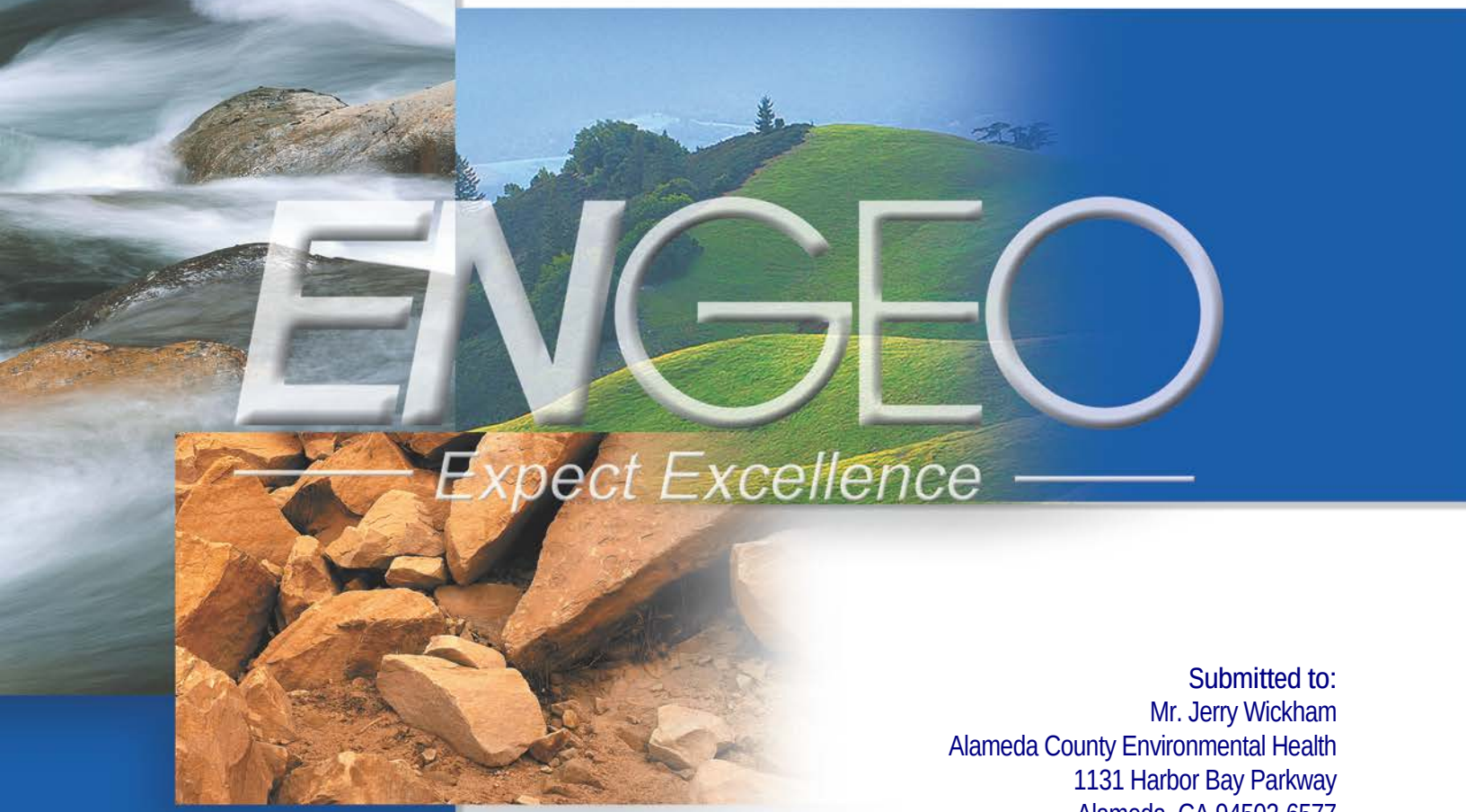
FIRST QUARTER 2014 GROUNDWATER MONITORING REPORT

JORDAN RANCH – PARCEL H

DUBLIN, CALIFORNIA



Submitted to:
Mr. Jerry Wickham
Alameda County Environmental Health
1131 Harbor Bay Parkway
Alameda, CA 94502-6577

Prepared by:
ENGEO Incorporated

Project No.
7828.000.001

April 22, 2014

April 22, 2014

Subject: Jordan Ranch Property – Former Leaking Underground Storage Tank
Dublin, California

PERJURY STATEMENT

"I declare, that to the best of my knowledge at the present time, the information and/or recommendations contained in the attached document are true and correct."

Submitted by Responsible Party:

ROBERT RADANOVICH
BJP-ROF Jordan Ranch, LLC
5000 Hopyard Road, #170
Pleasanton, CA 94588

Project No.
7828.000.001

April 22, 2014

Mr. Jerry Wickham
Alameda County Environmental Health
1131 Harbor Bay Parkway
Alameda, CA 94502-6577

Subject: Jordan Ranch Parcel H – Former Leaking Underground Storage Tank
Dublin, California
ACEH Case No. R00002918

FIRST QUARTER 2014 GROUNDWATER MONITORING REPORT

Dear Mr. Wickham:

This letter summarizes the results of the first quarter 2014 groundwater monitoring event completed for the Jordan Ranch – Parcel H (Site) located in Dublin, California. This is the seventh monitoring event following completion of the soil and groundwater remediation activities performed in Fall 2011. The Site is located at the east side of the intersection of Central Parkway and Fallon Road. A vicinity map is attached as Figure 1.

GROUNDWATER MONITORING

Groundwater Elevations

ENGEO measured and recorded groundwater depths from the top of well casings (TOC) for wells MW-1, MW-2, MW-4, MW-5, MW-6A, MW-6B, MW-7A, and MW-7B on March 28, 2014. The monitoring well locations are shown on Figure 2.

Prior to recording the depth to water, we removed the well caps and allowed the water levels in each well to equilibrate.

The depth to groundwater in the Site monitoring wells ranged from 7.8 feet below the TOC in MW-7A to 12.10 feet below the TOC in MW-6A.

During this sampling event, the groundwater flow appears to be toward the south with a gradient of approximately 0.031 feet per foot (ft/ft). Groundwater elevation contours for this event are depicted on Figure 2. The cumulative groundwater elevation data from this event is summarized in Table 1 (attached).

Well Sampling

After recording groundwater depth measurements, we collected groundwater samples from wells MW-1, MW-2, MW-4, MW-5, MW-6A, MW-6B, MW-7A, and MW-7B. Well sampling logs are attached.

ENGEO conducted the following activities during sampling:

- Purged three well casing volumes from each well using a submersible pump.
- Monitored and recorded pH, temperature, and conductivity measurements during purging.
- Contained the purge water in labeled 55-gallon drums.
- Collected groundwater samples using new disposable bailers.
- Transferred the groundwater to laboratory-provided, pre-preserved sample containers, which were labeled to include sample identification, date, and time of collection and requested analyses.
- Stored the groundwater samples on ice during transportation to TestAmerica Laboratories, Inc. in Pleasanton, California under documented chain of custody.
- Submitted the samples for the analysis of total petroleum hydrocarbons as gasoline (TPHg) and volatile organic compounds (VOCs), including naphthalene, methanol, ethanol, *tert*-butyl alcohol (TBA), methyl *tert*-butyl ether (MTBE), ethyl *tert*-butyl ether (ETBE), *tert*-amyl methyl ether (TAME), and diisopropyl ether (DIPE) by EPA Test Method 8260B, and total petroleum hydrocarbons as diesel (TPHd) by EPA Test Method 8015B using silica gel cleanup by EPA Test Method 3630.

Groundwater Analytical Results

Concentrations of petroleum hydrocarbons and VOCs detected during the first quarter 2014 monitoring event are tabulated below:

Well Location	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl-Benzene (ug/L)	Total Xylenes (ug/L)	MTBE(ug/L)	Napthalene (ug/L)
MW-1	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0
MW-2	**1,300**	<0.5	<0.50	**33**	**38**	<0.50	**17**
MW-4	<50	<0.50	<0.50	<0.50	<0.50	**5**	<1.0

Well Location	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl-Benzene (ug/L)	Total Xylenes (ug/L)	MTBE(ug/L)	Napthalene (ug/L)
MW-5	**26,000**	**150**	**240**	**2,300**	**5,700**	**38**	**640**
MW-6A	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0
MW-6B	160	<0.50	<0.50	<0.50	<1.0	<0.50	**1.1**
MW-7A	<50	<0.50	<0.50	<0.50	<1.0	**3.9**	<1.0
MW-7B	<50	<0.50	<0.50	<0.50	<1.0	**5.4**	<1.0

Cumulative groundwater monitoring well data is summarized in Table 2, attached. Copies of the groundwater laboratory report and chain-of-custody record are attached.

FINDINGS

As shown in the comparison table below, concentrations of TPHg have decreased 65% to 91% since implementation of the soil and groundwater remediation in fall 2011. Benzene has decreased 98% to 100%. MTBE has decreased 62% to 100%. The trends for TPHg, benzene, and MTBE are shown on attached Charts 1 through 3.

Well Location	August 2010 (Pre)			March 2014 (Post)			Percent Decrease		
	TPHg	Benzene	MTBE	TPHg	Benzene	MTBE	TPHg	Benzene	MTBE
MW-1	<50	<0.5	<0.5	<50	<0.50	<0.50	---	---	---
MW-2	**15,000**	**780**	**170**	**1,300**	<0.5	<0.5	-91%	-100%	-100%
MW-4	<50	<0.5	**80**	<50	<0.50	**5**	---	---	-94%
MW-5	**74,000**	**7,500**	**100**	**26,000**	**150**	**38**	-65%	-98%	-62%

FUTURE WORK

The next groundwater monitoring event is scheduled for June 2014.

LIMITATIONS

At the time we performed our professional services, they were consistent with those generally accepted environmental engineering principles and practices currently employed in Northern California. ENGEO does not express or imply any other warranty. Findings in this report are valid as of the day of monitoring. However, changes in groundwater conditions can occur with the passage of time, whether due to natural processes or human activity on the Site or on

surrounding properties. ENGEO prepared this report for the exclusive use of our client. This report is applicable only for the subject property. We are not responsible for others' interpretations of this report's data. This report does not represent a legal opinion.

If you have any questions or comments regarding this report, please call and we will be glad to discuss them with you.

Sincerely,

ENGEO Incorporated

Morgan Johnson
Environmental Scientist

Shawn Munger, CHG
Principal

Jeffrey A. Adams, PhD, PE
Associate

Attachments: Figure 1 – Vicinity Map
Figure 2 – Groundwater Elevation Contour Map – March 2014
Figure 3 – Concentrations of Petroleum Hydrocarbons in Groundwater – March 2014
Table 1 – Groundwater Elevations
Table 2 – Groundwater Analytical Data
Chart 1 – TPHg Trendline
Chart 2 – Benzene Trendline
Chart 3 – MTBE Trendline
Monitoring Well Sampling Logs
Groundwater Laboratory Analytical Report and Chain-of-Custody Record

cc: Mr. Ravi Nandwana, BJP-ROF Jordan Ranch, LLC

FIGURES

N

0 FEET 2000

0 METERS 1000

BASE MAP SOURCE: GOOGLE EARTH

ENGEO Expect Excellence

VICINITY MAP

JORDAN RANCH - PARCEL H

DUBLIN, CALIFORNIA

PROJECT NO.: 7828.000.001		FIGURE NO. 1
DATE: AS SHOWN		
DRAWN BY: SRP	CHECKED BY: SM	

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ORIGINAL FIGURE PRINTED IN COLOR

WETLAND

LATERAL LIMITS OF IMPACTED SOIL EXCAVATION

FORMER DISPENSER

FORMER UST

MW-1
413.38

B-7

SG-6

SG-1

SG-2

B-11

SG-3

SG-4

B-1

SG-5

MW-5
410

MW-2
409.53

MW-3
(MISSING)

MW-6A
408.17

MW-6B
408.22

MW-4
406.18

POND

MW-7A
399.92

MW-7B
398.99

413
412.5
412
411.5
411
410.5
410
409.5
409
408.5
408
407.5
407
406.5
406
405.5
405
404.5
404
403.5
403
402.5
402
401.5
401
400.5
400
399.5

N

0 FEET 20
0 METERS 10

EXPLANATION

MW-7B 400.02 — APPROXIMATE LOCATION OF MONITORING WELL WITH GROUND WATER ELEVATION (FEET ABOVE MEAN SEA LEVEL)

SG-6 — APPROXIMATE LOCATION OF SOIL GAS WELL

BASE MAP SOURCE: GOOGLE EARTH

ENGEO Expect Excellence

GROUNDWATER ELEVATION CONTOUR MAP
MARCH 2014
JORDAN RANCH - PARCEL H
DUBLIN, CALIFORNIA

PROJECT NO.: 7828.000.001
SCALE: AS SHOWN
DRAWN BY: LL
CHECKED BY: SM
FIGURE NO. 2

ORIGINAL FIGURE PRINTED IN COLOR

G:\Drafting\DRAFTING2_Dwg\7828\000\GW-MONITORING\Qtr1-2014\7828000001-2-GroundwaterElevation-0414.dwg Plot Date: 4-22-14 llee

N

0 FEET 20

0 METERS 10

EXPLANATION

MW-7B — APPROXIMATE LOCATION OF MONITORING WELL

<50 | <0.5 | 7.2

- MTBE (µg/L)
- BENZENE (µg/L)
- TPHg (µg/L)

(µg/L) MICROGRAMS PER LITER

SG-6 — APPROXIMATE LOCATION OF SOIL GAS WELL

BASE MAP SOURCE: GOOGLE EARTH

ENGEO Expect Excellence

CONCENTRATION OF PETROLEUM HYDROCARBONS IN GROUNDWATER - MARCH 2014
JORDAN RANCH - PARCEL H
DUBLIN, CALIFORNIA

PROJECT NO.: 7828.000.001 | FIGURE NO. 3
SCALE: AS SHOWN
DRAWN BY: LL | CHECKED BY: SM

ORIGINAL FIGURE PRINTED IN COLOR

TABLES

Table 1
Groundwater Elevations
Jordan Ranch
Dublin, California

Well Number	Date	Depth to Groundwater (1) (feet bgs)	Top of Casing Elevation (2) (feet)	Groundwater Elevation (feet msl)
MW-1	12/6/2005	17.08	425.73	408.65
	7/26/2006	13.92	425.73	411.81
	4/10/2008	11.64	425.73	414.09
	8/24/2010	11.75	425.73	413.98
	1/10/2012	10.52	425.73	415.21
	4/30/2012	10.40	425.73	415.33
	7/26/2012	10.58	425.73	415.15
	10/4/2012	11.51	425.73	414.22
	2/22/2013	10.20	425.73	415.53
	11/22/2013	8.20	421.48	413.28
	3/28/2014	8.10	421.48	413.38
MW-2	12/6/2005	18.01	424.98	406.97
	7/26/2006	15.44	424.98	409.54
	4/10/2008	14.02	424.98	410.96
	8/24/2010	14.17	424.98	410.81
	1/10/2012	12.83	424.98	412.15
	4/30/2012	12.20	424.98	412.78
	7/26/2012	12.60	424.98	412.38
	10/4/2012	13.68	424.98	411.30
	2/22/2013	12.20	424.98	412.78
	11/22/2013	10.64	420.73	410.09
	3/28/2014	11.20	420.73	409.53
MW-3	12/6/2005	17.35	421.47	404.12
	7/26/2006	14.20	421.47	407.27
	4/10/2008	12.31	421.47	409.16
	8/24/2010	12.29	421.47	409.18
	1/10/2012	Inadvertantly Covered by Grading Operations		
MW-4	12/6/2005	18.58	421.60	403.02
	7/26/2006	15.75	421.60	405.85
	4/10/2008	13.89	421.60	407.71
	8/24/2010	13.88	421.60	407.72
	1/10/2012	Obstruction in Casing		
	4/30/2012	11.52	421.60	410.08
	7/26/2012	11.80	421.60	409.80
	10/4/2012	12.55	421.60	409.05
	2/22/2013	11.20	421.60	410.40
	11/22/2013	10.42	417.38	406.96
	3/28/2014	11.20	417.38	406.18
MW-5	12/6/2005	16.40	424.04	407.64
	7/26/2006	13.89	424.04	410.15
	4/10/2008	12.24	424.04	411.80
	8/24/2010	12.20	424.04	411.84
	1/10/2012	11.11	424.04	412.93
	4/30/2012	10.50	424.04	413.54
	7/26/2012	10.85	424.04	413.19
	10/4/2012	12.24	424.04	411.80
	2/22/2013	10.40	424.04	413.64
	11/22/2013	9.06	419.80	410.74
	3/28/2014	9.80	419.80	410.00
MW-6A	11/22/2013	12.18	420.27	408.09
	3/28/2014	12.10	420.27	408.17
MW-6B	11/22/2013	11.98	420.12	408.14
	3/28/2014	11.90	420.12	408.22
MW-7A	11/22/2013	7.95	407.72	399.77
	3/28/2014	7.80	407.72	399.92
MW-7B	11/22/2013	7.37	407.39	400.02
	3/28/2014	8.40	407.39	398.99

NOTES:
bgs = Below ground surface msl = Mean sea level
(1) Depth to groundwater measured from top of well casing.

Table 2
Cumulative Monitoring Well Analytical Data
Jordan Ranch Monitoring Wells

Well ID	Date	TPHd (ug/L)	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl-Benzene (ug/L)	Total Xylenes (ug/L)	MTBE (ug/L)	Napthalene (ug/L)
MW-1	12/6/2005	NA	**64**	**2**	<0.5	<0.5	<0.5	<0.5	<0.5
	7/26/2006	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5
	4/10/2008	NA	<50	<0.5	<0.5	<0.5	<0.5	<50	NA
	8/24/2010	<50	<50	<0.5	<0.5	<0.5	<1.0	<0.5	NA
	1/10/2012	<50	<50	<1	**1.1**	**1.1**	**2.4**	<4	NA
	4/30/2012	<50	<50	<0.5	<0.5	<0.5	<1	<0.5	NA
	7/26/2012	<50	<50	<0.5	<0.5	<0.5	<1	<0.5	NA
	10/4/2012	<50	<50	<0.5	<0.5	<0.5	<1	<0.5	<1
	02/22/13	<51	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0
	11/22/2013	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0
	3/28/2014	<54	<50	<0.50	<0.50	<0.50	<1	<0.5	<1
MW-2	12/6/2005	NA	**3,400**	**470**	<25	**55**	**120**	**800**	**60**
	7/26/2006	**150**	**650**	**130**	<0.5	<0.5	<0.5	**510**	**15**
	4/10/2008	NA	**8,700**	**1,600**	**350**	**370**	**790**	**810**	NA
	8/24/2010	<50	**15,000**	**780**	**93**	**1,200**	**2,600**	**170**	NA
	1/10/2012	**1,100**	**4,200**	**32**	**10**	**210**	**337**	<4	NA
	4/30/2012	**620**	**4,100**	**14**	**10**	**340**	**660**	**21**	NA
	7/26/2012	**1,200**	**15,000**	**73**	**71**	**980**	**1,900**	**260**	NA
	10/4/2012	**250**	**1,300**	**16**	**3**	**150**	**120**	**11**	**46**
	02/22/13	**340**	**4,200**	**12**	**7.8**	**320**	**590**	**30**	**120**
	11/22/2013	<50	**1,000**	**1.4**	**1.9**	**13**	**36**	**1.7**	**56**
	3/28/2014	**150**	**1,300**	<0.50	<0.50	**33**	**38**	<0.5	**17**
MW-3	12/6/2005	NA	<50	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	7/26/2006	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<0.5
	4/10/2008	NA	**430**	**45**	**34**	**22**	**90**	<0.5	NA
	8/24/2010	<50	<50	<0.5	<0.5	<0.5	<1.0	<0.5	NA
	1/10/2012	Well inadvertantly covered by grading operations							NA
MW-4	12/6/2005	NA	**70**	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
	7/26/2006	<50	<50	<0.5	<0.5	<0.5	<0.5	<5	<0.5
	4/10/2008	NA	**830**	**29**	**19**	**16**	**54**	**1,200**	NA
	8/24/2010	<50	<50	<0.5	<0.5	<0.5	<1.0	**80**	NA
	1/10/2012	Obstruction in well casing							NA
	4/30/2012	<50	<50	<0.5	<0.5	<0.5	<1.0	**14**	NA
	7/26/2012	<50	<50	<0.5	<0.5	<0.5	<1.0	**14**	NA
	10/4/2012	<50	<50	<0.5	<0.5	<0.5	<1.0	**3.9**	<1
	02/22/13	<50	<50	<0.50	<0.50	<0.50	<1.0	**6.3**	<1.0
	11/22/2013	<50	<50	<0.50	<0.50	**2.4**	**6.7**	**2.9**	<1.0
	3/28/2014	<51	<50	<0.50	<0.50	<0.50	<1	**5**	<1
MW-5	12/6/2005	NA	**53,000**	**13,000**	**1,300**	**930**	**4,400**	**7,000**	**560**
	7/26/2006	**560**	**15,000**	**4,100**	**580**	**200**	**870**	**2,200**	**130**
	4/10/2008	NA	**66,000**	**24,000**	**7,600**	**2,200**	**9,200**	<130	NA
	8/24/2010	<50	**74,000**	**7,500**	**11,000**	**2,700**	**13,000**	**100**	NA
	1/10/2012	**2,100**	**60,000**	**1,600**	**3,700**	**1,800**	**5,400**	<4	NA
	4/30/2012	**2,600**	**37,000**	**880**	**2,500**	**3,200**	**15,000**	**140**	NA
	7/26/2012	**2,200**	**45,000**	**940**	**2,300**	**3,300**	**14,000**	**290**	NA
	10/4/2012	**2,100**	**29,000**	**750**	**1,500**	**2,400**	**760**	**140**	**690**
	02/22/13	**1,100**	**30,000**	**710**	**1,200**	**2,400**	**8,800**	<25	**680**
	11/22/2013	**96**[1]	**16,000**	**290**	**340**	**2,300**	**4,000**	**62**	**610**
	3/28/2014	**1,700**	**26,000**	**150**	**240**	**2,300**	**5,700**	**38**	**640**

Table 2
Cumulative Monitoring Well Analytical Data
Jordan Ranch Monitoring Wells

Well ID	Date	TPHd (ug/L)	TPHg (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl-Benzene (ug/L)	Total Xylenes (ug/L)	MTBE (ug/L)	Napthalene (ug/L)
MW-6A	11/22/2013	<50	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<1.0
	3/28/2014	<53	<50	<0.50	<0.50	<0.50	<1	<0.50	<1
MW-6B	11/22/2013	<50	**160**	<0.50	**1.0**	**6.0**	**16**	<0.50	**3.0**
	3/28/2014	<50	**93**	<0.50	<0.50	<0.50	<1	<0.50	**1.1**
MW-7A	11/22/2013	<50	<50	<0.50	<0.50	<0.50	<1.0	**5.4**	<1.0
	3/28/2014	<50	<50	<0.50	<0.50	<0.50	<1	**3.9**	<1
MW-7B	11/22/2013	<50	<50	<0.50	<0.50	<0.50	<1.0	**7.2**	<1.0
	3/28/2014	<52	<50	<0.50	<0.50	<0.50	<1	**5.4**	<1

NOTES:
(1) Represents C10-C11, which overlaps with TPHg range. Carbon Chain breakdown indicates no diesel.
Reported diesel concentrations are weathered gasoline, based on the Carbon Chain breakdown.
TPHg = Total petroleum hydrocarbons as gasoline
TPHd = Total petroleum hydrocarbons as diesel *Multiple labs reported that detections don't resemble the typical diesel chromatogram
MTBE = Methyl tert-butyl ether
(ug/L) = micrograms per liter or parts per billion

Remedial excavation and groundwater remediation implemented Fall 2011.

CHARTS

Chart 1
TPHg in Groundwater Since Implementation of Soil and Groundwater Remediation

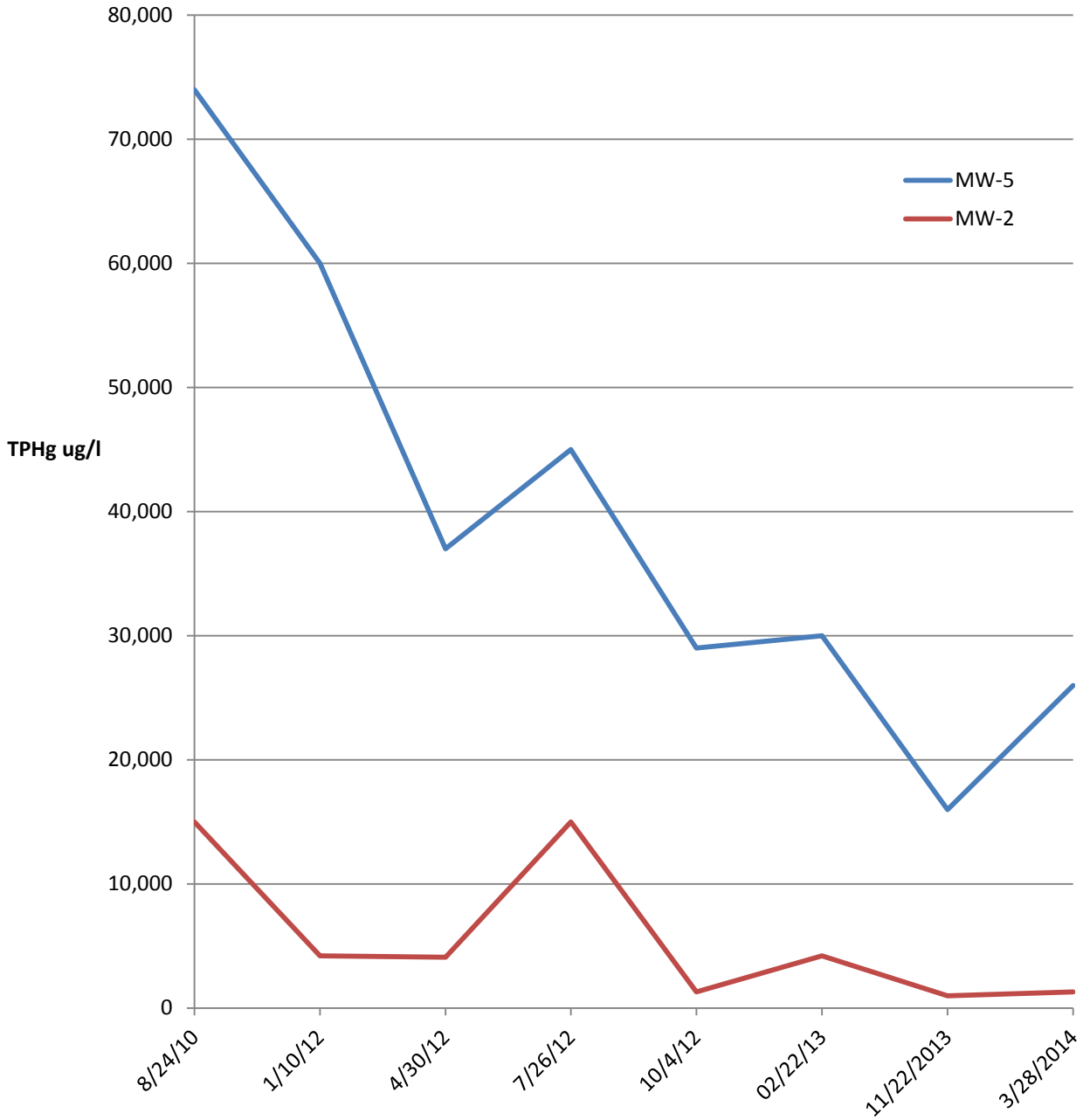


Chart 2
Benzene in Groundwater Since Implementation of Soil and Groundwater Remediation

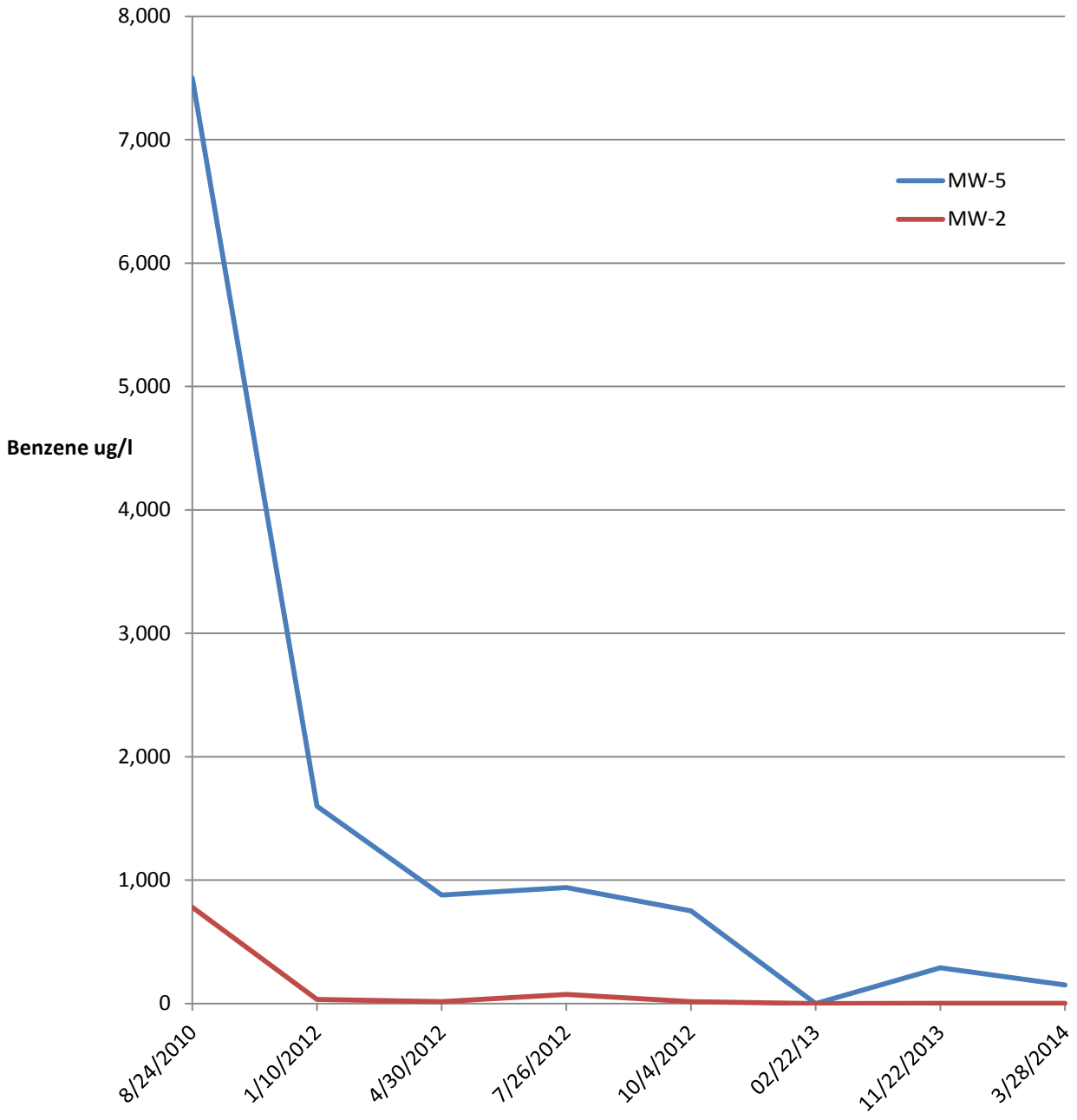
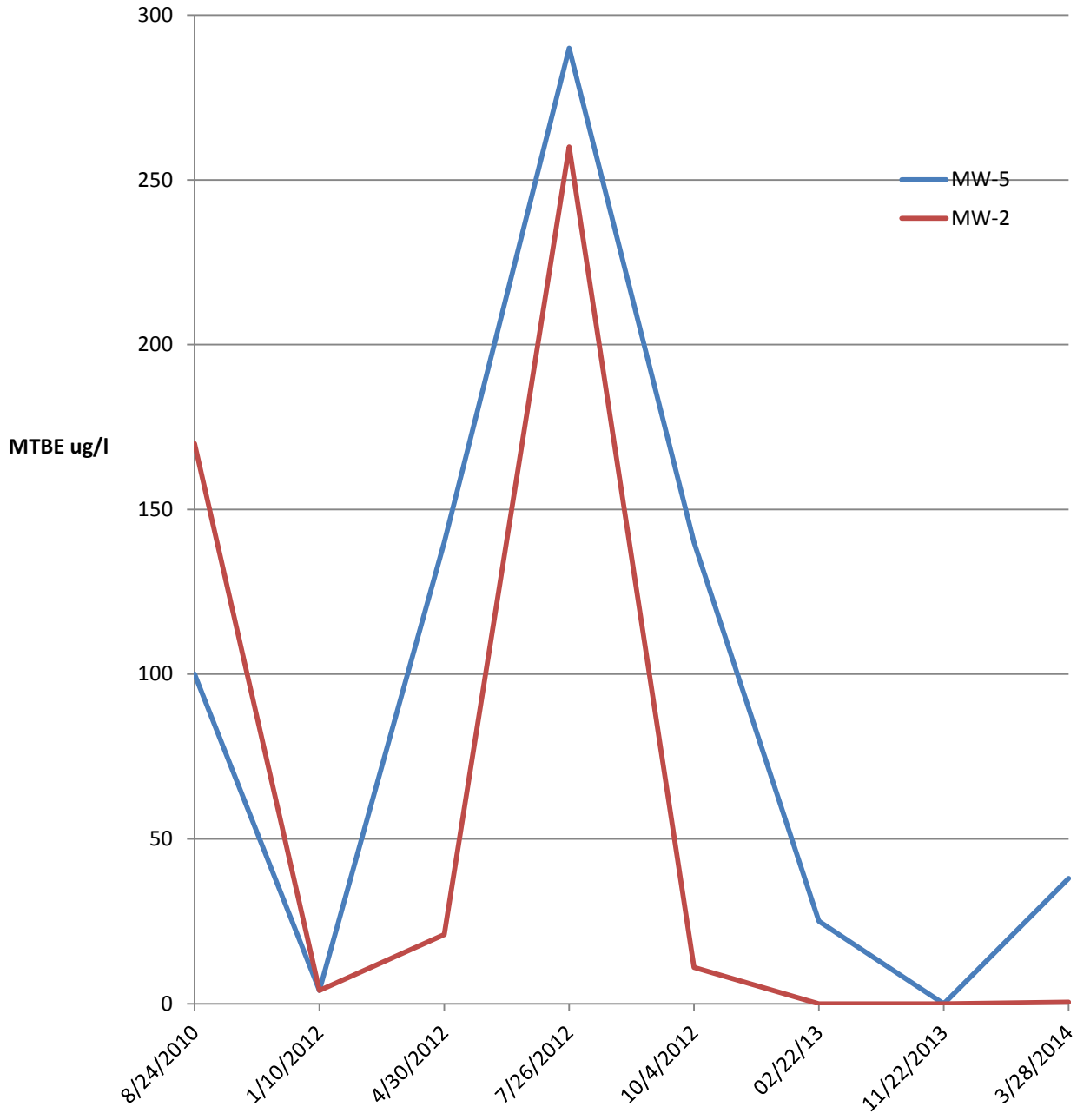


Chart 3
MTBE in Groundwater Since Implementation of Soil and Groundwater Remediation



Monitoring Well Sampling Logs

7828.000.001
April 22, 2014

MONITORING WELL FIELD SAMPLING LOG

ENGEO INCORPORATED

Project:	Jordan Ranch	**Well ID**	**MW-1**
Project No.	7828.000.001		
Location:	NE Fallon Road and Central Pwky, Dublin, CA.		
Technician:	Richard Gandolfo/ Matt Miller		
Activity:	■ Quarterly Sampling	☐ Develop/Sample	

WELL SECURITY — Date: 3/31/2014

Well Box Set in Concrete?	Yes	**Comments**
Box Cover Equipped With Bolts and Gasket?	Yes	
Well Casing Equipped With Well Seal and Lock?	No	

WELL CONSTRUCTION AND WATER LEVEL DETAILS — Date: 3/31/2014

Well Type: ■ Monitoring ☐ Extraction Well with Pump ☐ Other

Well Diameter (in)	2	**Free Product Measurement**	
BOC (ft)	29.4	(Enter measurements for wells with free product history)	
DTW (ft)	8.1	Enter "0.0" if no measurable free product →	**WCV Factors**
WC (ft)	21.3	DTFP (fbtoc) _____	2" = 0.17
WCV (gal)	3.6	DTW (fbtoc) _____	4" = 0.66
3 X WCV (Purge Vol)	**10.9**	FPT (ft)	6" = 1.50

PURGING, SAMPLING AND DECON EQUIPMENT — Date: 3/31/2014

Purging:	☐ Disposable Bailer	☐ 12-V Pump	■ Subm. Pump	**Comments**
Sampling:	■ Disposable Bailer	☐ 12-V Pump	☐ Subm. Pump	☐ Other _____
Decon:	Was purge pump decontaminated before and after this use?		■ Yes	☐ No
	Decon Product: ■ TSP/Alconox	Decon Rinse: Distilled Water		

PURGE WATER STORAGE/DISPOSAL (For Last Well Sampled Only) — Date:

Drums Onsite Arrival	0	Drums All Labeled? Yes		
Drums Used This Event	~ 1 1/2	Drums Leaking? No		Gallons
Total Drums Onsite Now	2	Purge Water Processed Through GWTS?		No

PHYSICAL PARAMETERS — Date:

Time	Volume Purged (gal)	Temp (C degrees)	pH	EC (mS/cm	DO	Salinity (%)	Turbidity (NTU)	Other
9:13	1	18.9	7.21	1018		0.05		
9:16	7	18.8	7.24	1025		0.05		
9:20	11	18.8	7.25	1031		0.05		

☐ Sample collected through groundwater treatment system using active extraction pump; no purging required.

LABORATORY ANALYSIS

Number/Type Containers	8	VOA's	2	1-liter Ambers	500ml Plastic
Preservative:	HCl				
Analysis:	TPH-g, TPH-d, m.o., VOCs				
Laboratory/TAT:	Test America, Pleasanton, CA				

DTW = Depth to Water
BOC = Bottom of Well Casing
DTFP = Depth to Free Product
FPT = Free Product Thickness
fbtoc = feet below top of casing
WC = Water Column Height
WCV = Water Column Volume (gallons) = WC X WCV Factor

MONITORING WELL FIELD SAMPLING LOG

ENGEO INCORPORATED

Project:	Jordan Ranch	**Well ID**	**MW-2**
Project No.	7828.000.001		
Location:	NE Fallon Road and Central Pwky, Dublin, CA.		
Technician:	Richard Gandolfo/Matt Miller		
Activity:	■ Quarterly Sampling	☐ Develop/Sample	

WELL SECURITY — Date: 3/31/2014

Well Box Set in Concrete?	Yes	**Comments**
Box Cover Equipped With Bolts and Gasket?	Yes	
Well Casing Equipped With Well Seal and Lock?	No	

WELL CONSTRUCTION AND WATER LEVEL DETAILS — Date: 3/31/2014

Well Type: ■ Monitoring ☐ Extraction Well with Pump ☐ Other

Well Diameter (in)	2	**Free Product Measurement**	
BOC (ft)	29.6	(Enter measurements for wells with free product history)	
DTW (ft)	11.2	Enter "0.0" if no measurable free product →	**WCV Factors**
WC (ft)	18.4	DTFP (fbtoc) _____	2" = 0.17
WCV (gal)	3.1	DTW (fbtoc) _____	4" = 0.66
3 X WCV (Purge Vol)	**9.4**	FPT (ft)	6" = 1.50

PURGING, SAMPLING AND DECON EQUIPMENT — Date: 3/31/2014

Purging:	☐ Disposable Bailer	☐ 12-V Pump	■ Subm. Pump	**Comments**
Sampling:	■ Disposable Bailer	☐ 12-V Pump	☐ Subm. Pump	☐ Other _____
Decon:	Was purge pump decontaminated before and after this use?		■ Yes	☐ No
	Decon Product: ■ TSP/Alconox	Decon Rinse: Distilled Water		

PURGE WATER STORAGE/DISPOSAL (For Last Well Sampled Only) — Date:

Drums Onsite Arrival	0	Drums All Labeled? Yes		
Drums Used This Event	~ 1 1/2	Drums Leaking? No		Gallons
Total Drums Onsite Now	2	Purge Water Processed Through GWTS?		No

PHYSICAL PARAMETERS — Date:

Time	Volume Purged (gal)	Temp (C degrees)	pH	EC (mS/cm	DO	Salinity (%)	Turbidity (NTU)	Other
10:06	1	21.1	7.1	999		0.06		
10:08	5	21.3	7	990		0.05		
10:10	10	20.9	7.1	996		0.05		

☐ Sample collected through groundwater treatment system using active extraction pump; no purging required.

LABORATORY ANALYSIS

Number/Type Containers	8	VOA's	2	1-liter Ambers	500ml Plastic
Preservative:	HCl				
Analysis:	TPH-g, TPH-d, m.o., VOCs				
Laboratory/TAT:	Test America, Pleasanton, CA				

DTW = Depth to Water
BOC = Bottom of Well Casing
DTFP = Depth to Free Product
FPT = Free Product Thickness
fbtoc = feet below top of casing
WC = Water Column Height
WCV = Water Column Volume (gallons) = WC X WCV Factor

MONITORING WELL FIELD SAMPLING LOG

ENGEO INCORPORATED

Project:	Jordan Ranch	**Well ID**	**MW-4**
Project No.	7828.000.001		
Location:	NE Fallon Road and Central Pwky, Dublin, CA.		
Technician:	Richard Gandolfo/ Matt Miller		
Activity:	■ Quarterly Sampling	☐ Develop/Sample	

WELL SECURITY — Date: 3/31/2014

Well Box Set in Concrete?	Yes	**Comments**
Box Cover Equipped With Bolts and Gasket?	Yes	
Well Casing Equipped With Well Seal and Lock?	No	

WELL CONSTRUCTION AND WATER LEVEL DETAILS — Date: 3/31/2014

Well Type: ■ Monitoring ☐ Extraction Well with Pump ☐ Other

Well Diameter (in)	2	**Free Product Measurement**	
BOC (ft)	27.9	(Enter measurements for wells with free product history)	
DTW (ft)	11.2	Enter "0.0" if no measurable free product →	**WCV Factors**
WC (ft)	16.7	DTFP (fbtoc) _____	2" = 0.17
WCV (gal)	2.8	DTW (fbtoc) _____	4" = 0.66
3 X WCV (Purge Vol)	**8.5**	FPT (ft)	6" = 1.50

PURGING, SAMPLING AND DECON EQUIPMENT — Date: 3/31/2014

Purging:	☐ Disposable Bailer	☐ 12-V Pump	■ Subm. Pump	**Comments**
Sampling:	■ Disposable Bailer	☐ 12-V Pump	☐ Subm. Pump	☐ Other _____
Decon:	Was purge pump decontaminated before and after this use?		■ Yes	☐ No
	Decon Product: ■ TSP/Alconox	Decon Rinse: Distilled Water		

PURGE WATER STORAGE/DISPOSAL (For Last Well Sampled Only) — Date:

Drums Onsite Arrival	0	Drums All Labeled? Yes		
Drums Used This Event	~ 1 1/2	Drums Leaking? No		Gallons
Total Drums Onsite Now	2	Purge Water Processed Through GWTS?		No

PHYSICAL PARAMETERS — Date:

Time	Volume Purged (gal)	Temp (C degrees)	pH	EC (mS/cm	DO	Salinity (%)	Turbidity (NTU)	Other
12:15	1	20.8	7	1020		0.05		
12:16	4	20.2	7.1	1028		0.06		
12:18	9	20.1	7	1030		0.05		

☐ Sample collected through groundwater treatment system using active extraction pump; no purging required.

LABORATORY ANALYSIS

Number/Type Containers	8	VOA's	2	1-liter Ambers	500ml Plastic
Preservative:	HCl				
Analysis:	TPH-g, TPH-d, m.o., VOCs				
Laboratory/TAT:	Test America, Pleasanton, CA				

DTW = Depth to Water
BOC = Bottom of Well Casing
DTFP = Depth to Free Product
FPT = Free Product Thickness
fbtoc = feet below top of casing
WC = Water Column Height
WCV = Water Column Volume (gallons) = WC X WCV Factor

MONITORING WELL FIELD SAMPLING LOG

ENGEO INCORPORATED

Project:	Jordan Ranch	**Well ID**	**MW-5**
Project No.	7828.000.001		
Location:	NE Fallon Road and Central Pwky, Dublin, CA.		
Technician:	Richard Gandolfo/ Matt Miller		
Activity:	■ Quarterly Sampling	☐ Develop/Sample	

WELL SECURITY — Date: 3/31/2014

Well Box Set in Concrete?	Yes	**Comments**
Box Cover Equipped With Bolts and Gasket?	Yes	
Well Casing Equipped With Well Seal and Lock?	No	

WELL CONSTRUCTION AND WATER LEVEL DETAILS — Date: 3/31/2014

Well Type: ■ Monitoring ☐ Extraction Well with Pump ☐ Other

Well Diameter (in)	2	**Free Product Measurement**	
BOC (ft)	29.4	(Enter measurements for wells with free product history)	
DTW (ft)	9.8	Enter "0.0" if no measurable free product →	**WCV Factors**
WC (ft)	19.6	DTFP (fbtoc) _____	2" = 0.17
WCV (gal)	3.3	DTW (fbtoc) _____	4" = 0.66
3 X WCV (Purge Vol)	**9.9**	FPT (ft)	6" = 1.50

PURGING, SAMPLING AND DECON EQUIPMENT — Date: 3/31/2014

Purging:	☐ Disposable Bailer	☐ 12-V Pump	■ Subm. Pump	**Comments**
Sampling:	■ Disposable Bailer	☐ 12-V Pump	☐ Subm. Pump	☐ Other _____
Decon:	Was purge pump decontaminated before and after this use? ■ Yes ☐ No			
	Decon Product: ■ TSP/Alconox	Decon Rinse: Distilled Water		

PURGE WATER STORAGE/DISPOSAL (For Last Well Sampled Only) — Date:

Drums Onsite Arrival	0	Drums All Labeled? Yes		
Drums Used This Event	~ 1 1/2	Drums Leaking? No		Gallons
Total Drums Onsite Now	2	Purge Water Processed Through GWTS?	No	

PHYSICAL PARAMETERS — Date:

Time	Volume Purged (gal)	Temp (C degrees)	pH	EC (mS/cm	DO	Salinity (%)	Turbidity (NTU)	Other
14:33	1	20.8	6.9	1038		0.05		
14:35	5	19.9	6.8	1035		0.05		
14:38	10	19.8	6.8	1044		0.05		

☐ Sample collected through groundwater treatment system using active extraction pump; no purging required.

LABORATORY ANALYSIS

Number/Type Containers	8	VOA's	2	1-liter Ambers	500ml Plastic
Preservative:	HCl				
Analysis:	TPH-g, TPH-d, m.o., VOCs				
Laboratory/TAT:	Test America, Pleasanton, CA				

DTW = Depth to Water
BOC = Bottom of Well Casing
DTFP = Depth to Free Product
FPT = Free Product Thickness
fbtoc = feet below top of casing
WC = Water Column Height
WCV = Water Column Volume (gallons) = WC X WCV Factor

MONITORING WELL FIELD SAMPLING LOG

ENGEO INCORPORATED

Project:	Jordan Ranch	**Well ID**	**MW-6A**
Project No.	7828.000.001		
Location:	NE Fallon Road and Central Pwky, Dublin, CA.		
Technician:	Richard Gandolfo/Matt Miller		
Activity:	■ Quarterly Sampling ☐ Develop/Sample		

WELL SECURITY — Date: 3/31/2014

Well Box Set in Concrete?	Yes	**Comments**
Box Cover Equipped With Bolts and Gasket?	Yes	
Well Casing Equipped With Well Seal and Lock?	No	

WELL CONSTRUCTION AND WATER LEVEL DETAILS — Date: 3/31/2014

Well Type: ■ Monitoring ☐ Extraction Well with Pump ☐ Other

Well Diameter (in)	2	**Free Product Measurement**
BOC (ft)	19	(Enter measurements for wells with free product history)
DTW (ft)	12.1	Enter "0.0" if no measurable free product →
WC (ft)	6.6	DTFP (fbtoc) _____
WCV (gal)	1.2	DTW (fbtoc) _____
3 X WCV (Purge Vol)	**3.5**	FPT (ft)

WCV Factors	
2" =	0.17
4" =	0.66
6" =	1.50

PURGING, SAMPLING AND DECON EQUIPMENT — Date: 3/31/2014

Purging:	☐ Disposable Bailer	☐ 12-V Pump	■ Subm. Pump	**Comments**
Sampling:	■ Disposable Bailer	☐ 12-V Pump	☐ Subm. Pump	☐ Other _____
Decon:	Was purge pump decontaminated before and after this use?	■ Yes	☐ No	
	Decon Product: ■ TSP/Alconox	Decon Rinse: Distilled Water		

PURGE WATER STORAGE/DISPOSAL (For Last Well Sampled Only) — Date:

Drums Onsite Arrival	0	Drums All Labeled? Yes		
Drums Used This Event	~ 1 1/2	Drums Leaking? No		Gallons
Total Drums Onsite Now	2	Purge Water Processed Through GWTS?	No	

PHYSICAL PARAMETERS — Date:

Time	Volume Purged (gal)	Temp (C degrees)	pH	EC (mS/cm	DO	Salinity (%)	Turbidity (NTU)	Other
11:45	1	20.1	6.9	1725		0.05		
11:47	4	19.9	6.9	1766		0.05		
						0.05		

☐ Sample collected through groundwater treatment system using active extraction pump; no purging required.

LABORATORY ANALYSIS

Number/Type Containers	8	VOA's	2	1-liter Ambers	500ml Plastic
Preservative:	HCl				
Analysis:	TPH-g, TPH-d, m.o., VOCs				
Laboratory/TAT:	Test America, Pleasanton, CA				

DTW = Depth to Water
BOC = Bottom of Well Casing
DTFP = Depth to Free Product
FPT = Free Product Thickness
fbtoc = feet below top of casing
WC = Water Column Height
WCV = Water Column Volume (gallons) = WC X WCV Factor

MONITORING WELL FIELD SAMPLING LOG

ENGEO INCORPORATED

Project:	Jordan Ranch	**Well ID**	**MW-6B**
Project No.	7828.000.001		
Location:	NE Fallon Road and Central Pwky, Dublin, CA.		
Technician:	Richard Gandolfo/Matt Miller		
Activity:	■ Quarterly Sampling	☐ Develop/Sample	

WELL SECURITY — Date: 3/31/2014

Well Box Set in Concrete?	Yes	**Comments**
Box Cover Equipped With Bolts and Gasket?	Yes	
Well Casing Equipped With Well Seal and Lock?	No	

WELL CONSTRUCTION AND WATER LEVEL DETAILS — Date: 3/31/2014

Well Type: ■ Monitoring ☐ Extraction Well with Pump ☐ Other

Well Diameter (in)	2	**Free Product Measurement**	
BOC (ft)	29.9	(Enter measurements for wells with free product history)	
DTW (ft)	11.9	Enter "0.0" if no measurable free product →	**WCV Factors**
WC (ft)	18	DTFP (fbtoc) _____	2" = 0.17
WCV (gal)	3	DTW (fbtoc) _____	4" = 0.66
3 X WCV (Purge Vol)	**9**	FPT (ft)	6" = 1.50

PURGING, SAMPLING AND DECON EQUIPMENT — Date: 3/31/2014

Purging:	☐ Disposable Bailer	☐ 12-V Pump	■ Subm. Pump	**Comments**	
Sampling:	■ Disposable Bailer	☐ 12-V Pump	☐ Subm. Pump	☐ Other _____	
Decon:	Was purge pump decontaminated before and after this use?		■ Yes	☐ No	
	Decon Product: ■ TSP/Alconox	Decon Rinse: Distilled Water			

PURGE WATER STORAGE/DISPOSAL (For Last Well Sampled Only) — Date:

Drums Onsite Arrival	0	Drums All Labeled? Yes		
Drums Used This Event	~ 1 1/2	Drums Leaking? No		Gallons
Total Drums Onsite Now	2	Purge Water Processed Through GWTS?	No	

PHYSICAL PARAMETERS — Date:

Time	Volume Purged (gal)	Temp (C degrees)	pH	EC (mS/cm	DO	Salinity (%)	Turbidity (NTU)	Other
10:56	1	19.9	7	947		0.05		
10:57	5	20	7	955		0.05		
10:58	9	19.8	7	960		0.05		

☐ Sample collected through groundwater treatment system using active extraction pump; no purging required.

LABORATORY ANALYSIS

Number/Type Containers	8	VOA's	2	1-liter Ambers	500ml Plastic
Preservative:	HCl				
Analysis:	TPH-g, TPH-d, m.o., VOCs				
Laboratory/TAT:	Test America, Pleasanton, CA				

DTW = Depth to Water
BOC = Bottom of Well Casing
DTFP = Depth to Free Product
FPT = Free Product Thickness
fbtoc = feet below top of casing
WC = Water Column Height
WCV = Water Column Volume (gallons) = WC X WCV Factor

MONITORING WELL FIELD SAMPLING LOG

ENGEO INCORPORATED

Project:	Jordan Ranch	**Well ID**	**MW-7A**
Project No.	7828.000.001		
Location:	NE Fallon Road and Central Pwky, Dublin, CA.		
Technician:	Richard Gandolfo/ Matt Miller		
Activity:	■ Quarterly Sampling	☐ Develop/Sample	

WELL SECURITY — Date: 3/31/2014

Well Box Set in Concrete?	Yes	**Comments**
Box Cover Equipped With Bolts and Gasket?	Yes	
Well Casing Equipped With Well Seal and Lock?	No	

WELL CONSTRUCTION AND WATER LEVEL DETAILS — Date: 3/31/2014

Well Type: ■ Monitoring ☐ Extraction Well with Pump ☐ Other

Well Diameter (in)	2	**Free Product Measurement**	
BOC (ft)	19	(Enter measurements for wells with free product history)	
DTW (ft)	7.8	Enter "0.0" if no measurable free product →	**WCV Factors**
WC (ft)	11.2	DTFP (fbtoc) _____	2" = 0.17
WCV (gal)	1.9	DTW (fbtoc) _____	4" = 0.66
3 X WCV (Purge Vol)	**5.7**	FPT (ft)	6" = 1.50

PURGING, SAMPLING AND DECON EQUIPMENT — Date: 3/31/2014

Purging:	☐ Disposable Bailer	☐ 12-V Pump	■ Subm. Pump	**Comments**	
Sampling:	■ Disposable Bailer	☐ 12-V Pump	☐ Subm. Pump	☐ Other _____	
Decon:	Was purge pump decontaminated before and after this use?		■ Yes	☐ No	
	Decon Product: ■ TSP/Alconox	Decon Rinse: Distilled Water			

PURGE WATER STORAGE/DISPOSAL (For Last Well Sampled Only) — Date:

Drums Onsite Arrival	0	Drums All Labeled? Yes		
Drums Used This Event	~ 1 1/2	Drums Leaking? No		Gallons
Total Drums Onsite Now	2	Purge Water Processed Through GWTS?	No	

PHYSICAL PARAMETERS — Date:

Time	Volume Purged (gal)	Temp (C degrees)	pH	EC (mS/cm	DO	Salinity (%)	Turbidity (NTU)	Other
13:30	1	20.1	6.8	2311		0.05		
13:33	6	20.1	6.9	2338		0.05		

☐ Sample collected through groundwater treatment system using active extraction pump; no purging required.

LABORATORY ANALYSIS

Number/Type Containers	8	VOA's	2	1-liter Ambers	500ml Plastic
Preservative:	HCl				
Analysis:	TPH-g, TPH-d, m.o., VOCs				
Laboratory/TAT:	Test America, Pleasanton, CA				

DTW = Depth to Water
BOC = Bottom of Well Casing
DTFP = Depth to Free Product
FPT = Free Product Thickness
fbtoc = feet below top of casing
WC = Water Column Height
WCV = Water Column Volume (gallons) = WC X WCV Factor

MONITORING WELL FIELD SAMPLING LOG

ENGEO INCORPORATED

Project:	Jordan Ranch	**Well ID**	**MW-7B**
Project No.	7828.000.001		
Location:	NE Fallon Road and Central Pwky, Dublin, CA.		
Technician:	Richard Gandolfo/Matt Miller		
Activity:	■ Quarterly Sampling	☐ Develop/Sample	

WELL SECURITY — Date: 3/31/2014

Well Box Set in Concrete?	Yes	**Comments**
Box Cover Equipped With Bolts and Gasket?	Yes	
Well Casing Equipped With Well Seal and Lock?	No	

WELL CONSTRUCTION AND WATER LEVEL DETAILS — Date: 3/31/2014

Well Type: ■ Monitoring ☐ Extraction Well with Pump ☐ Other

Well Diameter (in)	2	**Free Product Measurement**	
BOC (ft)	30	(Enter measurements for wells with free product history)	
DTW (ft)	8.4	Enter "0.0" if no measurable free product →	**WCV Factors**
WC (ft)	21.6	DTFP (fbtoc) _____	2" = 0.17
WCV (gal)	3.7	DTW (fbtoc) _____	4" = 0.66
3 X WCV (Purge Vol)	**11**	FPT (ft)	6" = 1.50

PURGING, SAMPLING AND DECON EQUIPMENT — Date: 3/31/2014

Purging:	☐ Disposable Bailer	☐ 12-V Pump	■ Subm. Pump	**Comments**	
Sampling:	■ Disposable Bailer	☐ 12-V Pump	☐ Subm. Pump	☐ Other _____	
Decon:	Was purge pump decontaminated before and after this use?		■ Yes	☐ No	
	Decon Product: ■ TSP/Alconox	Decon Rinse: Distilled Water			

PURGE WATER STORAGE/DISPOSAL (For Last Well Sampled Only) — Date:

Drums Onsite Arrival	0	Drums All Labeled? Yes		
Drums Used This Event	~ 1 1/2	Drums Leaking? No		Gallons
Total Drums Onsite Now	2	Purge Water Processed Through GWTS?	No	

PHYSICAL PARAMETERS — Date:

Time	Volume Purged (gal)	Temp (C degrees)	pH	EC (mS/cm	DO	Salinity (%)	Turbidity (NTU)	Other
13:55	1	18.4	6.9			0.05		
13:57	5	18.1	7			0.05		
13:59	11	18.1	7			0.05		

☐ Sample collected through groundwater treatment system using active extraction pump; no purging required.

LABORATORY ANALYSIS

Number/Type Containers	8	VOA's	2	1-liter Ambers	500ml Plastic
Preservative:	HCl				
Analysis:	TPH-g, TPH-d, m.o., VOCs				
Laboratory/TAT:	Test America, Pleasanton, CA				

DTW = Depth to Water
BOC = Bottom of Well Casing
DTFP = Depth to Free Product
FPT = Free Product Thickness
fbtoc = feet below top of casing
WC = Water Column Height
WCV = Water Column Volume (gallons) = WC X WCV Factor

ENGEO
Expect Excellence

Groundwater Laboratory Analytical Report and Chain-of-Custody Record

7828.000.001
April 22, 2014

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Pleasanton
1220 Quarry Lane
Pleasanton, CA 94566
Tel: (925)484-1919

TestAmerica Job ID: 720-56413-1
Client Project/Site: Jordan Ranch

For:
Engeo, Inc.
2213 Plaza Drive
Rocklin, California 95765

Attn: Ms. Morgan Johnson

Authorized for release by:
4/4/2014 4:39:33 PM

Afsaneh Salimpour, Senior Project Manager
(925)484-1919
afsaneh.salimpour@testamericainc.com

Table of Contents

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: Engeo, Inc.
Project/Site: Jordan Ranch

TestAmerica Job ID: 720-56413-1

Job ID: 720-56413-1

Laboratory: TestAmerica Pleasanton

Narrative

Job Narrative
720-56413-1

Comments
No additional comments.

Receipt
The samples were received on 3/28/2014 3:23 PM; the samples arrived in good condition, properly preserved and, where required, on ice.
The temperatures of the 2 coolers at receipt time were 3.7º C and 4.6º C.

Except:

Received 3 trip blanks that are not on the COC. Logged in on hold.

GC/MS VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

GC Semi VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Engeo, Inc.
Project/Site: Jordan Ranch

TestAmerica Job ID: 720-56413-1

Client Sample ID: MW-1 — Lab Sample ID: 720-56413-1

No Detections.

Client Sample ID: MW-2 — Lab Sample ID: 720-56413-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
n-Butylbenzene	6.8		1.0		ug/L	1		8260B/CA_LUFT MS	Total/NA
Ethylbenzene	33		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Isopropylbenzene	7.7		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
4-Isopropyltoluene	1.3		1.0		ug/L	1		8260B/CA_LUFT MS	Total/NA
Naphthalene	17		1.0		ug/L	1		8260B/CA_LUFT MS	Total/NA
N-Propylbenzene	16		1.0		ug/L	1		8260B/CA_LUFT MS	Total/NA
1,2,4-Trimethylbenzene	85		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
1,3,5-Trimethylbenzene	25		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Xylenes, Total	38		1.0		ug/L	1		8260B/CA_LUFT MS	Total/NA
Gasoline Range Organics (GRO) -C5-C12	1300		50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Diesel Range Organics [C10-C28]	150		51		ug/L	1		8015B	Silica Gel Cleanup

Client Sample ID: MW-4 — Lab Sample ID: 720-56413-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl tert-butyl ether	5.0		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA

Client Sample ID: MW-5 — Lab Sample ID: 720-56413-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl tert-butyl ether	38		25		ug/L	50		8260B/CA_LUFT MS	Total/NA
Benzene	150		25		ug/L	50		8260B/CA_LUFT MS	Total/NA
Ethylbenzene	2300		25		ug/L	50		8260B/CA_LUFT MS	Total/NA
Isopropylbenzene	99		25		ug/L	50		8260B/CA_LUFT MS	Total/NA
Naphthalene	640		50		ug/L	50		8260B/CA_LUFT MS	Total/NA
N-Propylbenzene	250		50		ug/L	50		8260B/CA_LUFT MS	Total/NA
Toluene	240		25		ug/L	50		8260B/CA_LUFT MS	Total/NA
1,2,4-Trimethylbenzene	1600		25		ug/L	50		8260B/CA_LUFT MS	Total/NA
1,3,5-Trimethylbenzene	370		25		ug/L	50		8260B/CA_LUFT MS	Total/NA
Xylenes, Total	5700		50		ug/L	50		8260B/CA_LUFT MS	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Engeo, Inc.
Project/Site: Jordan Ranch

TestAmerica Job ID: 720-56413-1

Client Sample ID: MW-5 (Continued) — Lab Sample ID: 720-56413-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Gasoline Range Organics (GRO) -C5-C12	26000		2500		ug/L	50		8260B/CA_LUFT MS	Total/NA
Diesel Range Organics [C10-C28]	1700		52		ug/L	1		8015B	Silica Gel Cleanup

Client Sample ID: MW-6A — Lab Sample ID: 720-56413-5

No Detections.

Client Sample ID: MW-6B — Lab Sample ID: 720-56413-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Isopropylbenzene	0.65		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Naphthalene	1.1		1.0		ug/L	1		8260B/CA_LUFT MS	Total/NA
N-Propylbenzene	1.3		1.0		ug/L	1		8260B/CA_LUFT MS	Total/NA
1,2,4-Trimethylbenzene	7.0		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
1,3,5-Trimethylbenzene	1.2		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA
Gasoline Range Organics (GRO) -C5-C12	93		50		ug/L	1		8260B/CA_LUFT MS	Total/NA

Client Sample ID: MW-7A — Lab Sample ID: 720-56413-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl tert-butyl ether	3.9		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA

Client Sample ID: MW-7B — Lab Sample ID: 720-56413-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methyl tert-butyl ether	5.4		0.50		ug/L	1		8260B/CA_LUFT MS	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Engeo, Inc.
Project/Site: Jordan Ranch

TestAmerica Job ID: 720-56413-1

Client Sample ID: MW-1
Date Collected: 03/28/14 09:26
Date Received: 03/28/14 15:23

Lab Sample ID: 720-56413-1
Matrix: Water

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			04/02/14 02:14	1
Acetone	ND		50		ug/L			04/02/14 02:14	1
Benzene	ND		0.50		ug/L			04/02/14 02:14	1
Dichlorobromomethane	ND		0.50		ug/L			04/02/14 02:14	1
Bromobenzene	ND		1.0		ug/L			04/02/14 02:14	1
Chlorobromomethane	ND		1.0		ug/L			04/02/14 02:14	1
Bromoform	ND		1.0		ug/L			04/02/14 02:14	1
Bromomethane	ND		1.0		ug/L			04/02/14 02:14	1
2-Butanone (MEK)	ND		50		ug/L			04/02/14 02:14	1
n-Butylbenzene	ND		1.0		ug/L			04/02/14 02:14	1
sec-Butylbenzene	ND		1.0		ug/L			04/02/14 02:14	1
tert-Butylbenzene	ND		1.0		ug/L			04/02/14 02:14	1
Carbon disulfide	ND		5.0		ug/L			04/02/14 02:14	1
Carbon tetrachloride	ND		0.50		ug/L			04/02/14 02:14	1
Chlorobenzene	ND		0.50		ug/L			04/02/14 02:14	1
Chloroethane	ND		1.0		ug/L			04/02/14 02:14	1
Chloroform	ND		1.0		ug/L			04/02/14 02:14	1
Chloromethane	ND		1.0		ug/L			04/02/14 02:14	1
2-Chlorotoluene	ND		0.50		ug/L			04/02/14 02:14	1
4-Chlorotoluene	ND		0.50		ug/L			04/02/14 02:14	1
Chlorodibromomethane	ND		0.50		ug/L			04/02/14 02:14	1
1,2-Dichlorobenzene	ND		0.50		ug/L			04/02/14 02:14	1
1,3-Dichlorobenzene	ND		0.50		ug/L			04/02/14 02:14	1
1,4-Dichlorobenzene	ND		0.50		ug/L			04/02/14 02:14	1
1,3-Dichloropropane	ND		1.0		ug/L			04/02/14 02:14	1
1,1-Dichloropropene	ND		0.50		ug/L			04/02/14 02:14	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			04/02/14 02:14	1
Ethylene Dibromide	ND		0.50		ug/L			04/02/14 02:14	1
Dibromomethane	ND		0.50		ug/L			04/02/14 02:14	1
Dichlorodifluoromethane	ND		0.50		ug/L			04/02/14 02:14	1
1,1-Dichloroethane	ND		0.50		ug/L			04/02/14 02:14	1
1,2-Dichloroethane	ND		0.50		ug/L			04/02/14 02:14	1
1,1-Dichloroethene	ND		0.50		ug/L			04/02/14 02:14	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			04/02/14 02:14	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			04/02/14 02:14	1
1,2-Dichloropropane	ND		0.50		ug/L			04/02/14 02:14	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			04/02/14 02:14	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			04/02/14 02:14	1
Ethylbenzene	ND		0.50		ug/L			04/02/14 02:14	1
Hexachlorobutadiene	ND		1.0		ug/L			04/02/14 02:14	1
2-Hexanone	ND		50		ug/L			04/02/14 02:14	1
Isopropylbenzene	ND		0.50		ug/L			04/02/14 02:14	1
4-Isopropyltoluene	ND		1.0		ug/L			04/02/14 02:14	1
Methylene Chloride	ND		5.0		ug/L			04/02/14 02:14	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			04/02/14 02:14	1
Naphthalene	ND		1.0		ug/L			04/02/14 02:14	1
N-Propylbenzene	ND		1.0		ug/L			04/02/14 02:14	1
Styrene	ND		0.50		ug/L			04/02/14 02:14	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			04/02/14 02:14	1

Client: Engeo, Inc.
Project/Site: Jordan Ranch

TestAmerica Job ID: 720-56413-1

Client Sample ID: MW-1
Date Collected: 03/28/14 09:26
Date Received: 03/28/14 15:23

Lab Sample ID: 720-56413-1
Matrix: Water

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			04/02/14 02:14	1
Tetrachloroethene	ND		0.50		ug/L			04/02/14 02:14	1
Toluene	ND		0.50		ug/L			04/02/14 02:14	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			04/02/14 02:14	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			04/02/14 02:14	1
1,1,1-Trichloroethane	ND		0.50		ug/L			04/02/14 02:14	1
1,1,2-Trichloroethane	ND		0.50		ug/L			04/02/14 02:14	1
Trichloroethene	ND		0.50		ug/L			04/02/14 02:14	1
Trichlorofluoromethane	ND		1.0		ug/L			04/02/14 02:14	1
1,2,3-Trichloropropane	ND		0.50		ug/L			04/02/14 02:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			04/02/14 02:14	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			04/02/14 02:14	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			04/02/14 02:14	1
Vinyl acetate	ND		10		ug/L			04/02/14 02:14	1
Vinyl chloride	ND		0.50		ug/L			04/02/14 02:14	1
Xylenes, Total	ND		1.0		ug/L			04/02/14 02:14	1
2,2-Dichloropropane	ND		0.50		ug/L			04/02/14 02:14	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			04/02/14 02:14	1
TBA	ND		10		ug/L			04/02/14 02:14	1
Ethyl tert-butyl ether	ND		0.50		ug/L			04/02/14 02:14	1
DIPE	ND		0.50		ug/L			04/02/14 02:14	1
Ethanol	ND		250		ug/L			04/02/14 02:14	1
TAME	ND		0.50		ug/L			04/02/14 02:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*67 - 130*		*04/02/14 02:14*	*1*
1,2-Dichloroethane-d4 (Surr)	*97*		*72 - 130*		*04/02/14 02:14*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*04/02/14 02:14*	*1*

Method: 8015B - Nonhalogenated Organic Compounds - Direct Injection (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methanol	ND		0.50		mg/L			04/02/14 18:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Pentanol	*101*		*70 - 130*		*04/02/14 18:07*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		54		ug/L		04/03/14 10:45	04/03/14 17:56	1
Motor Oil Range Organics [C24-C36]	ND		110		ug/L		04/03/14 10:45	04/03/14 17:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Capric Acid (Surr)	*0.001*		*0 - 5*	*04/03/14 10:45*	*04/03/14 17:56*	*1*
p-Terphenyl	*99*		*31 - 150*	*04/03/14 10:45*	*04/03/14 17:56*	*1*

Client: Engeo, Inc.
Project/Site: Jordan Ranch

TestAmerica Job ID: 720-56413-1

Client Sample ID: MW-2
Date Collected: 03/28/14 10:15
Date Received: 03/28/14 15:23

Lab Sample ID: 720-56413-2
Matrix: Water

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			04/02/14 02:42	1
Acetone	ND		50		ug/L			04/02/14 02:42	1
Benzene	ND		0.50		ug/L			04/02/14 02:42	1
Dichlorobromomethane	ND		0.50		ug/L			04/02/14 02:42	1
Bromobenzene	ND		1.0		ug/L			04/02/14 02:42	1
Chlorobromomethane	ND		1.0		ug/L			04/02/14 02:42	1
Bromoform	ND		1.0		ug/L			04/02/14 02:42	1
Bromomethane	ND		1.0		ug/L			04/02/14 02:42	1
2-Butanone (MEK)	ND		50		ug/L			04/02/14 02:42	1
n-Butylbenzene	**6.8**		1.0		ug/L			04/02/14 02:42	1
sec-Butylbenzene	ND		1.0		ug/L			04/02/14 02:42	1
tert-Butylbenzene	ND		1.0		ug/L			04/02/14 02:42	1
Carbon disulfide	ND		5.0		ug/L			04/02/14 02:42	1
Carbon tetrachloride	ND		0.50		ug/L			04/02/14 02:42	1
Chlorobenzene	ND		0.50		ug/L			04/02/14 02:42	1
Chloroethane	ND		1.0		ug/L			04/02/14 02:42	1
Chloroform	ND		1.0		ug/L			04/02/14 02:42	1
Chloromethane	ND		1.0		ug/L			04/02/14 02:42	1
2-Chlorotoluene	ND		0.50		ug/L			04/02/14 02:42	1
4-Chlorotoluene	ND		0.50		ug/L			04/02/14 02:42	1
Chlorodibromomethane	ND		0.50		ug/L			04/02/14 02:42	1
1,2-Dichlorobenzene	ND		0.50		ug/L			04/02/14 02:42	1
1,3-Dichlorobenzene	ND		0.50		ug/L			04/02/14 02:42	1
1,4-Dichlorobenzene	ND		0.50		ug/L			04/02/14 02:42	1
1,3-Dichloropropane	ND		1.0		ug/L			04/02/14 02:42	1
1,1-Dichloropropene	ND		0.50		ug/L			04/02/14 02:42	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			04/02/14 02:42	1
Ethylene Dibromide	ND		0.50		ug/L			04/02/14 02:42	1
Dibromomethane	ND		0.50		ug/L			04/02/14 02:42	1
Dichlorodifluoromethane	ND		0.50		ug/L			04/02/14 02:42	1
1,1-Dichloroethane	ND		0.50		ug/L			04/02/14 02:42	1
1,2-Dichloroethane	ND		0.50		ug/L			04/02/14 02:42	1
1,1-Dichloroethene	ND		0.50		ug/L			04/02/14 02:42	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			04/02/14 02:42	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			04/02/14 02:42	1
1,2-Dichloropropane	ND		0.50		ug/L			04/02/14 02:42	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			04/02/14 02:42	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			04/02/14 02:42	1
Ethylbenzene	**33**		0.50		ug/L			04/02/14 02:42	1
Hexachlorobutadiene	ND		1.0		ug/L			04/02/14 02:42	1
2-Hexanone	ND		50		ug/L			04/02/14 02:42	1
Isopropylbenzene	**7.7**		0.50		ug/L			04/02/14 02:42	1
4-Isopropyltoluene	**1.3**		1.0		ug/L			04/02/14 02:42	1
Methylene Chloride	ND		5.0		ug/L			04/02/14 02:42	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			04/02/14 02:42	1
Naphthalene	**17**		1.0		ug/L			04/02/14 02:42	1
N-Propylbenzene	**16**		1.0		ug/L			04/02/14 02:42	1
Styrene	ND		0.50		ug/L			04/02/14 02:42	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			04/02/14 02:42	1

Client: Engeo, Inc.
Project/Site: Jordan Ranch

TestAmerica Job ID: 720-56413-1

Client Sample ID: MW-2
Date Collected: 03/28/14 10:15
Date Received: 03/28/14 15:23

Lab Sample ID: 720-56413-2
Matrix: Water

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			04/02/14 02:42	1
Tetrachloroethene	ND		0.50		ug/L			04/02/14 02:42	1
Toluene	ND		0.50		ug/L			04/02/14 02:42	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			04/02/14 02:42	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			04/02/14 02:42	1
1,1,1-Trichloroethane	ND		0.50		ug/L			04/02/14 02:42	1
1,1,2-Trichloroethane	ND		0.50		ug/L			04/02/14 02:42	1
Trichloroethene	ND		0.50		ug/L			04/02/14 02:42	1
Trichlorofluoromethane	ND		1.0		ug/L			04/02/14 02:42	1
1,2,3-Trichloropropane	ND		0.50		ug/L			04/02/14 02:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			04/02/14 02:42	1
1,2,4-Trimethylbenzene	**85**		0.50		ug/L			04/02/14 02:42	1
1,3,5-Trimethylbenzene	**25**		0.50		ug/L			04/02/14 02:42	1
Vinyl acetate	ND		10		ug/L			04/02/14 02:42	1
Vinyl chloride	ND		0.50		ug/L			04/02/14 02:42	1
Xylenes, Total	**38**		1.0		ug/L			04/02/14 02:42	1
2,2-Dichloropropane	ND		0.50		ug/L			04/02/14 02:42	1
Gasoline Range Organics (GRO) -C5-C12	**1300**		50		ug/L			04/02/14 02:42	1
TBA	ND		10		ug/L			04/02/14 02:42	1
Ethyl tert-butyl ether	ND		0.50		ug/L			04/02/14 02:42	1
DIPE	ND		0.50		ug/L			04/02/14 02:42	1
Ethanol	ND		250		ug/L			04/02/14 02:42	1
TAME	ND		0.50		ug/L			04/02/14 02:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*101*		*67 - 130*		*04/02/14 02:42*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*72 - 130*		*04/02/14 02:42*	*1*
Toluene-d8 (Surr)	*105*		*70 - 130*		*04/02/14 02:42*	*1*

Method: 8015B - Nonhalogenated Organic Compounds - Direct Injection (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methanol	ND		0.50		mg/L			04/02/14 19:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Pentanol	*102*		*70 - 130*		*04/02/14 19:32*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**150**		51		ug/L		04/03/14 10:45	04/03/14 18:20	1
Motor Oil Range Organics [C24-C36]	ND		100		ug/L		04/03/14 10:45	04/03/14 18:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Capric Acid (Surr)	*0.03*		*0 - 5*	*04/03/14 10:45*	*04/03/14 18:20*	*1*
p-Terphenyl	*105*		*31 - 150*	*04/03/14 10:45*	*04/03/14 18:20*	*1*

Client: Engeo, Inc.
Project/Site: Jordan Ranch

TestAmerica Job ID: 720-56413-1

Client Sample ID: MW-4
Date Collected: 03/28/14 12:30
Date Received: 03/28/14 15:23

Lab Sample ID: 720-56413-3
Matrix: Water

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	**5.0**		0.50		ug/L			04/02/14 03:10	1
Acetone	ND		50		ug/L			04/02/14 03:10	1
Benzene	ND		0.50		ug/L			04/02/14 03:10	1
Dichlorobromomethane	ND		0.50		ug/L			04/02/14 03:10	1
Bromobenzene	ND		1.0		ug/L			04/02/14 03:10	1
Chlorobromomethane	ND		1.0		ug/L			04/02/14 03:10	1
Bromoform	ND		1.0		ug/L			04/02/14 03:10	1
Bromomethane	ND		1.0		ug/L			04/02/14 03:10	1
2-Butanone (MEK)	ND		50		ug/L			04/02/14 03:10	1
n-Butylbenzene	ND		1.0		ug/L			04/02/14 03:10	1
sec-Butylbenzene	ND		1.0		ug/L			04/02/14 03:10	1
tert-Butylbenzene	ND		1.0		ug/L			04/02/14 03:10	1
Carbon disulfide	ND		5.0		ug/L			04/02/14 03:10	1
Carbon tetrachloride	ND		0.50		ug/L			04/02/14 03:10	1
Chlorobenzene	ND		0.50		ug/L			04/02/14 03:10	1
Chloroethane	ND		1.0		ug/L			04/02/14 03:10	1
Chloroform	ND		1.0		ug/L			04/02/14 03:10	1
Chloromethane	ND		1.0		ug/L			04/02/14 03:10	1
2-Chlorotoluene	ND		0.50		ug/L			04/02/14 03:10	1
4-Chlorotoluene	ND		0.50		ug/L			04/02/14 03:10	1
Chlorodibromomethane	ND		0.50		ug/L			04/02/14 03:10	1
1,2-Dichlorobenzene	ND		0.50		ug/L			04/02/14 03:10	1
1,3-Dichlorobenzene	ND		0.50		ug/L			04/02/14 03:10	1
1,4-Dichlorobenzene	ND		0.50		ug/L			04/02/14 03:10	1
1,3-Dichloropropane	ND		1.0		ug/L			04/02/14 03:10	1
1,1-Dichloropropene	ND		0.50		ug/L			04/02/14 03:10	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			04/02/14 03:10	1
Ethylene Dibromide	ND		0.50		ug/L			04/02/14 03:10	1
Dibromomethane	ND		0.50		ug/L			04/02/14 03:10	1
Dichlorodifluoromethane	ND		0.50		ug/L			04/02/14 03:10	1
1,1-Dichloroethane	ND		0.50		ug/L			04/02/14 03:10	1
1,2-Dichloroethane	ND		0.50		ug/L			04/02/14 03:10	1
1,1-Dichloroethene	ND		0.50		ug/L			04/02/14 03:10	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			04/02/14 03:10	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			04/02/14 03:10	1
1,2-Dichloropropane	ND		0.50		ug/L			04/02/14 03:10	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			04/02/14 03:10	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			04/02/14 03:10	1
Ethylbenzene	ND		0.50		ug/L			04/02/14 03:10	1
Hexachlorobutadiene	ND		1.0		ug/L			04/02/14 03:10	1
2-Hexanone	ND		50		ug/L			04/02/14 03:10	1
Isopropylbenzene	ND		0.50		ug/L			04/02/14 03:10	1
4-Isopropyltoluene	ND		1.0		ug/L			04/02/14 03:10	1
Methylene Chloride	ND		5.0		ug/L			04/02/14 03:10	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			04/02/14 03:10	1
Naphthalene	ND		1.0		ug/L			04/02/14 03:10	1
N-Propylbenzene	ND		1.0		ug/L			04/02/14 03:10	1
Styrene	ND		0.50		ug/L			04/02/14 03:10	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			04/02/14 03:10	1

Client: Engeo, Inc.
Project/Site: Jordan Ranch

TestAmerica Job ID: 720-56413-1

Client Sample ID: MW-4
Date Collected: 03/28/14 12:30
Date Received: 03/28/14 15:23

Lab Sample ID: 720-56413-3
Matrix: Water

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			04/02/14 03:10	1
Tetrachloroethene	ND		0.50		ug/L			04/02/14 03:10	1
Toluene	ND		0.50		ug/L			04/02/14 03:10	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			04/02/14 03:10	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			04/02/14 03:10	1
1,1,1-Trichloroethane	ND		0.50		ug/L			04/02/14 03:10	1
1,1,2-Trichloroethane	ND		0.50		ug/L			04/02/14 03:10	1
Trichloroethene	ND		0.50		ug/L			04/02/14 03:10	1
Trichlorofluoromethane	ND		1.0		ug/L			04/02/14 03:10	1
1,2,3-Trichloropropane	ND		0.50		ug/L			04/02/14 03:10	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			04/02/14 03:10	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			04/02/14 03:10	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			04/02/14 03:10	1
Vinyl acetate	ND		10		ug/L			04/02/14 03:10	1
Vinyl chloride	ND		0.50		ug/L			04/02/14 03:10	1
Xylenes, Total	ND		1.0		ug/L			04/02/14 03:10	1
2,2-Dichloropropane	ND		0.50		ug/L			04/02/14 03:10	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			04/02/14 03:10	1
TBA	ND		10		ug/L			04/02/14 03:10	1
Ethyl tert-butyl ether	ND		0.50		ug/L			04/02/14 03:10	1
DIPE	ND		0.50		ug/L			04/02/14 03:10	1
Ethanol	ND		250		ug/L			04/02/14 03:10	1
TAME	ND		0.50		ug/L			04/02/14 03:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*99*		*67 - 130*		*04/02/14 03:10*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*72 - 130*		*04/02/14 03:10*	*1*
Toluene-d8 (Surr)	*102*		*70 - 130*		*04/02/14 03:10*	*1*

Method: 8015B - Nonhalogenated Organic Compounds - Direct Injection (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methanol	ND		0.50		mg/L			04/02/14 19:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Pentanol	*103*		*70 - 130*		*04/02/14 19:49*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		51		ug/L		04/03/14 10:45	04/03/14 18:44	1
Motor Oil Range Organics [C24-C36]	ND		100		ug/L		04/03/14 10:45	04/03/14 18:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Capric Acid (Surr)	*0.001*		*0 - 5*	*04/03/14 10:45*	*04/03/14 18:44*	*1*
p-Terphenyl	*105*		*31 - 150*	*04/03/14 10:45*	*04/03/14 18:44*	*1*

Client: Engeo, Inc.
Project/Site: Jordan Ranch

TestAmerica Job ID: 720-56413-1

Client Sample ID: MW-5
Date Collected: 03/28/14 14:45
Date Received: 03/28/14 15:23

Lab Sample ID: 720-56413-4
Matrix: Water

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	**38**		25		ug/L			04/02/14 03:38	50
Acetone	ND		2500		ug/L			04/02/14 03:38	50
Benzene	**150**		25		ug/L			04/02/14 03:38	50
Dichlorobromomethane	ND		25		ug/L			04/02/14 03:38	50
Bromobenzene	ND		50		ug/L			04/02/14 03:38	50
Chlorobromomethane	ND		50		ug/L			04/02/14 03:38	50
Bromoform	ND		50		ug/L			04/02/14 03:38	50
Bromomethane	ND		50		ug/L			04/02/14 03:38	50
2-Butanone (MEK)	ND		2500		ug/L			04/02/14 03:38	50
n-Butylbenzene	ND		50		ug/L			04/02/14 03:38	50
sec-Butylbenzene	ND		50		ug/L			04/02/14 03:38	50
tert-Butylbenzene	ND		50		ug/L			04/02/14 03:38	50
Carbon disulfide	ND		250		ug/L			04/02/14 03:38	50
Carbon tetrachloride	ND		25		ug/L			04/02/14 03:38	50
Chlorobenzene	ND		25		ug/L			04/02/14 03:38	50
Chloroethane	ND		50		ug/L			04/02/14 03:38	50
Chloroform	ND		50		ug/L			04/02/14 03:38	50
Chloromethane	ND		50		ug/L			04/02/14 03:38	50
2-Chlorotoluene	ND		25		ug/L			04/02/14 03:38	50
4-Chlorotoluene	ND		25		ug/L			04/02/14 03:38	50
Chlorodibromomethane	ND		25		ug/L			04/02/14 03:38	50
1,2-Dichlorobenzene	ND		25		ug/L			04/02/14 03:38	50
1,3-Dichlorobenzene	ND		25		ug/L			04/02/14 03:38	50
1,4-Dichlorobenzene	ND		25		ug/L			04/02/14 03:38	50
1,3-Dichloropropane	ND		50		ug/L			04/02/14 03:38	50
1,1-Dichloropropene	ND		25		ug/L			04/02/14 03:38	50
1,2-Dibromo-3-Chloropropane	ND		50		ug/L			04/02/14 03:38	50
Ethylene Dibromide	ND		25		ug/L			04/02/14 03:38	50
Dibromomethane	ND		25		ug/L			04/02/14 03:38	50
Dichlorodifluoromethane	ND		25		ug/L			04/02/14 03:38	50
1,1-Dichloroethane	ND		25		ug/L			04/02/14 03:38	50
1,2-Dichloroethane	ND		25		ug/L			04/02/14 03:38	50
1,1-Dichloroethene	ND		25		ug/L			04/02/14 03:38	50
cis-1,2-Dichloroethene	ND		25		ug/L			04/02/14 03:38	50
trans-1,2-Dichloroethene	ND		25		ug/L			04/02/14 03:38	50
1,2-Dichloropropane	ND		25		ug/L			04/02/14 03:38	50
cis-1,3-Dichloropropene	ND		25		ug/L			04/02/14 03:38	50
trans-1,3-Dichloropropene	ND		25		ug/L			04/02/14 03:38	50
Ethylbenzene	**2300**		25		ug/L			04/02/14 03:38	50
Hexachlorobutadiene	ND		50		ug/L			04/02/14 03:38	50
2-Hexanone	ND		2500		ug/L			04/02/14 03:38	50
Isopropylbenzene	**99**		25		ug/L			04/02/14 03:38	50
4-Isopropyltoluene	ND		50		ug/L			04/02/14 03:38	50
Methylene Chloride	ND		250		ug/L			04/02/14 03:38	50
4-Methyl-2-pentanone (MIBK)	ND		2500		ug/L			04/02/14 03:38	50
Naphthalene	**640**		50		ug/L			04/02/14 03:38	50
N-Propylbenzene	**250**		50		ug/L			04/02/14 03:38	50
Styrene	ND		25		ug/L			04/02/14 03:38	50
1,1,1,2-Tetrachloroethane	ND		25		ug/L			04/02/14 03:38	50

Client: Engeo, Inc.
Project/Site: Jordan Ranch

TestAmerica Job ID: 720-56413-1

Client Sample ID: MW-5
Date Collected: 03/28/14 14:45
Date Received: 03/28/14 15:23

Lab Sample ID: 720-56413-4
Matrix: Water

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		25		ug/L			04/02/14 03:38	50
Tetrachloroethene	ND		25		ug/L			04/02/14 03:38	50
Toluene	**240**		25		ug/L			04/02/14 03:38	50
1,2,3-Trichlorobenzene	ND		50		ug/L			04/02/14 03:38	50
1,2,4-Trichlorobenzene	ND		50		ug/L			04/02/14 03:38	50
1,1,1-Trichloroethane	ND		25		ug/L			04/02/14 03:38	50
1,1,2-Trichloroethane	ND		25		ug/L			04/02/14 03:38	50
Trichloroethene	ND		25		ug/L			04/02/14 03:38	50
Trichlorofluoromethane	ND		50		ug/L			04/02/14 03:38	50
1,2,3-Trichloropropane	ND		25		ug/L			04/02/14 03:38	50
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		25		ug/L			04/02/14 03:38	50
1,2,4-Trimethylbenzene	**1600**		25		ug/L			04/02/14 03:38	50
1,3,5-Trimethylbenzene	**370**		25		ug/L			04/02/14 03:38	50
Vinyl acetate	ND		500		ug/L			04/02/14 03:38	50
Vinyl chloride	ND		25		ug/L			04/02/14 03:38	50
Xylenes, Total	**5700**		50		ug/L			04/02/14 03:38	50
2,2-Dichloropropane	ND		25		ug/L			04/02/14 03:38	50
Gasoline Range Organics (GRO) -C5-C12	**26000**		2500		ug/L			04/02/14 03:38	50
TBA	ND		500		ug/L			04/02/14 03:38	50
Ethyl tert-butyl ether	ND		25		ug/L			04/02/14 03:38	50
DIPE	ND		25		ug/L			04/02/14 03:38	50
Ethanol	ND		13000		ug/L			04/02/14 03:38	50
TAME	ND		25		ug/L			04/02/14 03:38	50

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*102*		*67 - 130*		*04/02/14 03:38*	*50*
1,2-Dichloroethane-d4 (Surr)	*93*		*72 - 130*		*04/02/14 03:38*	*50*
Toluene-d8 (Surr)	*102*		*70 - 130*		*04/02/14 03:38*	*50*

Method: 8015B - Nonhalogenated Organic Compounds - Direct Injection (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methanol	ND		0.50		mg/L			04/02/14 20:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Pentanol	*109*		*70 - 130*		*04/02/14 20:06*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	**1700**		52		ug/L		04/03/14 10:45	04/03/14 19:09	1
Motor Oil Range Organics [C24-C36]	ND		100		ug/L		04/03/14 10:45	04/03/14 19:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Capric Acid (Surr)	*0.2*		*0 - 5*	*04/03/14 10:45*	*04/03/14 19:09*	*1*
p-Terphenyl	*101*		*31 - 150*	*04/03/14 10:45*	*04/03/14 19:09*	*1*

Client: Engeo, Inc.
Project/Site: Jordan Ranch

TestAmerica Job ID: 720-56413-1

Client Sample ID: MW-6A
Date Collected: 03/28/14 11:30
Date Received: 03/28/14 15:23

Lab Sample ID: 720-56413-5
Matrix: Water

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			04/02/14 04:07	1
Acetone	ND		50		ug/L			04/02/14 04:07	1
Benzene	ND		0.50		ug/L			04/02/14 04:07	1
Dichlorobromomethane	ND		0.50		ug/L			04/02/14 04:07	1
Bromobenzene	ND		1.0		ug/L			04/02/14 04:07	1
Chlorobromomethane	ND		1.0		ug/L			04/02/14 04:07	1
Bromoform	ND		1.0		ug/L			04/02/14 04:07	1
Bromomethane	ND		1.0		ug/L			04/02/14 04:07	1
2-Butanone (MEK)	ND		50		ug/L			04/02/14 04:07	1
n-Butylbenzene	ND		1.0		ug/L			04/02/14 04:07	1
sec-Butylbenzene	ND		1.0		ug/L			04/02/14 04:07	1
tert-Butylbenzene	ND		1.0		ug/L			04/02/14 04:07	1
Carbon disulfide	ND		5.0		ug/L			04/02/14 04:07	1
Carbon tetrachloride	ND		0.50		ug/L			04/02/14 04:07	1
Chlorobenzene	ND		0.50		ug/L			04/02/14 04:07	1
Chloroethane	ND		1.0		ug/L			04/02/14 04:07	1
Chloroform	ND		1.0		ug/L			04/02/14 04:07	1
Chloromethane	ND		1.0		ug/L			04/02/14 04:07	1
2-Chlorotoluene	ND		0.50		ug/L			04/02/14 04:07	1
4-Chlorotoluene	ND		0.50		ug/L			04/02/14 04:07	1
Chlorodibromomethane	ND		0.50		ug/L			04/02/14 04:07	1
1,2-Dichlorobenzene	ND		0.50		ug/L			04/02/14 04:07	1
1,3-Dichlorobenzene	ND		0.50		ug/L			04/02/14 04:07	1
1,4-Dichlorobenzene	ND		0.50		ug/L			04/02/14 04:07	1
1,3-Dichloropropane	ND		1.0		ug/L			04/02/14 04:07	1
1,1-Dichloropropene	ND		0.50		ug/L			04/02/14 04:07	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			04/02/14 04:07	1
Ethylene Dibromide	ND		0.50		ug/L			04/02/14 04:07	1
Dibromomethane	ND		0.50		ug/L			04/02/14 04:07	1
Dichlorodifluoromethane	ND		0.50		ug/L			04/02/14 04:07	1
1,1-Dichloroethane	ND		0.50		ug/L			04/02/14 04:07	1
1,2-Dichloroethane	ND		0.50		ug/L			04/02/14 04:07	1
1,1-Dichloroethene	ND		0.50		ug/L			04/02/14 04:07	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			04/02/14 04:07	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			04/02/14 04:07	1
1,2-Dichloropropane	ND		0.50		ug/L			04/02/14 04:07	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			04/02/14 04:07	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			04/02/14 04:07	1
Ethylbenzene	ND		0.50		ug/L			04/02/14 04:07	1
Hexachlorobutadiene	ND		1.0		ug/L			04/02/14 04:07	1
2-Hexanone	ND		50		ug/L			04/02/14 04:07	1
Isopropylbenzene	ND		0.50		ug/L			04/02/14 04:07	1
4-Isopropyltoluene	ND		1.0		ug/L			04/02/14 04:07	1
Methylene Chloride	ND		5.0		ug/L			04/02/14 04:07	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			04/02/14 04:07	1
Naphthalene	ND		1.0		ug/L			04/02/14 04:07	1
N-Propylbenzene	ND		1.0		ug/L			04/02/14 04:07	1
Styrene	ND		0.50		ug/L			04/02/14 04:07	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			04/02/14 04:07	1

Client: Engeo, Inc.
Project/Site: Jordan Ranch

TestAmerica Job ID: 720-56413-1

Client Sample ID: MW-6A
Date Collected: 03/28/14 11:30
Date Received: 03/28/14 15:23

Lab Sample ID: 720-56413-5
Matrix: Water

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			04/02/14 04:07	1
Tetrachloroethene	ND		0.50		ug/L			04/02/14 04:07	1
Toluene	ND		0.50		ug/L			04/02/14 04:07	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			04/02/14 04:07	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			04/02/14 04:07	1
1,1,1-Trichloroethane	ND		0.50		ug/L			04/02/14 04:07	1
1,1,2-Trichloroethane	ND		0.50		ug/L			04/02/14 04:07	1
Trichloroethene	ND		0.50		ug/L			04/02/14 04:07	1
Trichlorofluoromethane	ND		1.0		ug/L			04/02/14 04:07	1
1,2,3-Trichloropropane	ND		0.50		ug/L			04/02/14 04:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			04/02/14 04:07	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			04/02/14 04:07	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			04/02/14 04:07	1
Vinyl acetate	ND		10		ug/L			04/02/14 04:07	1
Vinyl chloride	ND		0.50		ug/L			04/02/14 04:07	1
Xylenes, Total	ND		1.0		ug/L			04/02/14 04:07	1
2,2-Dichloropropane	ND		0.50		ug/L			04/02/14 04:07	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			04/02/14 04:07	1
TBA	ND		10		ug/L			04/02/14 04:07	1
Ethyl tert-butyl ether	ND		0.50		ug/L			04/02/14 04:07	1
DIPE	ND		0.50		ug/L			04/02/14 04:07	1
Ethanol	ND		250		ug/L			04/02/14 04:07	1
TAME	ND		0.50		ug/L			04/02/14 04:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*67 - 130*		*04/02/14 04:07*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*72 - 130*		*04/02/14 04:07*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*04/02/14 04:07*	*1*

Method: 8015B - Nonhalogenated Organic Compounds - Direct Injection (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methanol	ND		0.50		mg/L			04/02/14 20:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Pentanol	*107*		*70 - 130*		*04/02/14 20:23*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		53		ug/L		04/03/14 16:04	04/03/14 22:39	1
Motor Oil Range Organics [C24-C36]	ND		110		ug/L		04/03/14 16:04	04/03/14 22:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Capric Acid (Surr)	*0*		*0 - 5*	*04/03/14 16:04*	*04/03/14 22:39*	*1*
p-Terphenyl	*81*		*31 - 150*	*04/03/14 16:04*	*04/03/14 22:39*	*1*

Client: Engeo, Inc.
Project/Site: Jordan Ranch

TestAmerica Job ID: 720-56413-1

Client Sample ID: MW-6B
Date Collected: 03/28/14 11:00
Date Received: 03/28/14 15:23

Lab Sample ID: 720-56413-6
Matrix: Water

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			04/02/14 04:35	1
Acetone	ND		50		ug/L			04/02/14 04:35	1
Benzene	ND		0.50		ug/L			04/02/14 04:35	1
Dichlorobromomethane	ND		0.50		ug/L			04/02/14 04:35	1
Bromobenzene	ND		1.0		ug/L			04/02/14 04:35	1
Chlorobromomethane	ND		1.0		ug/L			04/02/14 04:35	1
Bromoform	ND		1.0		ug/L			04/02/14 04:35	1
Bromomethane	ND		1.0		ug/L			04/02/14 04:35	1
2-Butanone (MEK)	ND		50		ug/L			04/02/14 04:35	1
n-Butylbenzene	ND		1.0		ug/L			04/02/14 04:35	1
sec-Butylbenzene	ND		1.0		ug/L			04/02/14 04:35	1
tert-Butylbenzene	ND		1.0		ug/L			04/02/14 04:35	1
Carbon disulfide	ND		5.0		ug/L			04/02/14 04:35	1
Carbon tetrachloride	ND		0.50		ug/L			04/02/14 04:35	1
Chlorobenzene	ND		0.50		ug/L			04/02/14 04:35	1
Chloroethane	ND		1.0		ug/L			04/02/14 04:35	1
Chloroform	ND		1.0		ug/L			04/02/14 04:35	1
Chloromethane	ND		1.0		ug/L			04/02/14 04:35	1
2-Chlorotoluene	ND		0.50		ug/L			04/02/14 04:35	1
4-Chlorotoluene	ND		0.50		ug/L			04/02/14 04:35	1
Chlorodibromomethane	ND		0.50		ug/L			04/02/14 04:35	1
1,2-Dichlorobenzene	ND		0.50		ug/L			04/02/14 04:35	1
1,3-Dichlorobenzene	ND		0.50		ug/L			04/02/14 04:35	1
1,4-Dichlorobenzene	ND		0.50		ug/L			04/02/14 04:35	1
1,3-Dichloropropane	ND		1.0		ug/L			04/02/14 04:35	1
1,1-Dichloropropene	ND		0.50		ug/L			04/02/14 04:35	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			04/02/14 04:35	1
Ethylene Dibromide	ND		0.50		ug/L			04/02/14 04:35	1
Dibromomethane	ND		0.50		ug/L			04/02/14 04:35	1
Dichlorodifluoromethane	ND		0.50		ug/L			04/02/14 04:35	1
1,1-Dichloroethane	ND		0.50		ug/L			04/02/14 04:35	1
1,2-Dichloroethane	ND		0.50		ug/L			04/02/14 04:35	1
1,1-Dichloroethene	ND		0.50		ug/L			04/02/14 04:35	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			04/02/14 04:35	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			04/02/14 04:35	1
1,2-Dichloropropane	ND		0.50		ug/L			04/02/14 04:35	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			04/02/14 04:35	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			04/02/14 04:35	1
Ethylbenzene	ND		0.50		ug/L			04/02/14 04:35	1
Hexachlorobutadiene	ND		1.0		ug/L			04/02/14 04:35	1
2-Hexanone	ND		50		ug/L			04/02/14 04:35	1
Isopropylbenzene	**0.65**		0.50		ug/L			04/02/14 04:35	1
4-Isopropyltoluene	ND		1.0		ug/L			04/02/14 04:35	1
Methylene Chloride	ND		5.0		ug/L			04/02/14 04:35	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			04/02/14 04:35	1
Naphthalene	**1.1**		1.0		ug/L			04/02/14 04:35	1
N-Propylbenzene	**1.3**		1.0		ug/L			04/02/14 04:35	1
Styrene	ND		0.50		ug/L			04/02/14 04:35	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			04/02/14 04:35	1

Client: Engeo, Inc.
Project/Site: Jordan Ranch

TestAmerica Job ID: 720-56413-1

Client Sample ID: MW-6B
Date Collected: 03/28/14 11:00
Date Received: 03/28/14 15:23

Lab Sample ID: 720-56413-6
Matrix: Water

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			04/02/14 04:35	1
Tetrachloroethene	ND		0.50		ug/L			04/02/14 04:35	1
Toluene	ND		0.50		ug/L			04/02/14 04:35	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			04/02/14 04:35	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			04/02/14 04:35	1
1,1,1-Trichloroethane	ND		0.50		ug/L			04/02/14 04:35	1
1,1,2-Trichloroethane	ND		0.50		ug/L			04/02/14 04:35	1
Trichloroethene	ND		0.50		ug/L			04/02/14 04:35	1
Trichlorofluoromethane	ND		1.0		ug/L			04/02/14 04:35	1
1,2,3-Trichloropropane	ND		0.50		ug/L			04/02/14 04:35	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			04/02/14 04:35	1
1,2,4-Trimethylbenzene	**7.0**		0.50		ug/L			04/02/14 04:35	1
1,3,5-Trimethylbenzene	**1.2**		0.50		ug/L			04/02/14 04:35	1
Vinyl acetate	ND		10		ug/L			04/02/14 04:35	1
Vinyl chloride	ND		0.50		ug/L			04/02/14 04:35	1
Xylenes, Total	ND		1.0		ug/L			04/02/14 04:35	1
2,2-Dichloropropane	ND		0.50		ug/L			04/02/14 04:35	1
Gasoline Range Organics (GRO) -C5-C12	**93**		50		ug/L			04/02/14 04:35	1
TBA	ND		10		ug/L			04/02/14 04:35	1
Ethyl tert-butyl ether	ND		0.50		ug/L			04/02/14 04:35	1
DIPE	ND		0.50		ug/L			04/02/14 04:35	1
Ethanol	ND		250		ug/L			04/02/14 04:35	1
TAME	ND		0.50		ug/L			04/02/14 04:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*98*		*67 - 130*		*04/02/14 04:35*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*72 - 130*		*04/02/14 04:35*	*1*
Toluene-d8 (Surr)	*101*		*70 - 130*		*04/02/14 04:35*	*1*

Method: 8015B - Nonhalogenated Organic Compounds - Direct Injection (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methanol	ND		0.50		mg/L			04/02/14 20:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Pentanol	*106*		*70 - 130*		*04/02/14 20:40*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		50		ug/L		04/03/14 16:04	04/03/14 23:08	1
Motor Oil Range Organics [C24-C36]	ND		100		ug/L		04/03/14 16:04	04/03/14 23:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Capric Acid (Surr)	*0.005*		*0 - 5*	*04/03/14 16:04*	*04/03/14 23:08*	*1*
p-Terphenyl	*89*		*31 - 150*	*04/03/14 16:04*	*04/03/14 23:08*	*1*

Client: Engeo, Inc.
Project/Site: Jordan Ranch

TestAmerica Job ID: 720-56413-1

Client Sample ID: MW-7A
Date Collected: 03/28/14 13:35
Date Received: 03/28/14 15:23

Lab Sample ID: 720-56413-7
Matrix: Water

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	**3.9**		0.50		ug/L			04/02/14 05:04	1
Acetone	ND		50		ug/L			04/02/14 05:04	1
Benzene	ND		0.50		ug/L			04/02/14 05:04	1
Dichlorobromomethane	ND		0.50		ug/L			04/02/14 05:04	1
Bromobenzene	ND		1.0		ug/L			04/02/14 05:04	1
Chlorobromomethane	ND		1.0		ug/L			04/02/14 05:04	1
Bromoform	ND		1.0		ug/L			04/02/14 05:04	1
Bromomethane	ND		1.0		ug/L			04/02/14 05:04	1
2-Butanone (MEK)	ND		50		ug/L			04/02/14 05:04	1
n-Butylbenzene	ND		1.0		ug/L			04/02/14 05:04	1
sec-Butylbenzene	ND		1.0		ug/L			04/02/14 05:04	1
tert-Butylbenzene	ND		1.0		ug/L			04/02/14 05:04	1
Carbon disulfide	ND		5.0		ug/L			04/02/14 05:04	1
Carbon tetrachloride	ND		0.50		ug/L			04/02/14 05:04	1
Chlorobenzene	ND		0.50		ug/L			04/02/14 05:04	1
Chloroethane	ND		1.0		ug/L			04/02/14 05:04	1
Chloroform	ND		1.0		ug/L			04/02/14 05:04	1
Chloromethane	ND		1.0		ug/L			04/02/14 05:04	1
2-Chlorotoluene	ND		0.50		ug/L			04/02/14 05:04	1
4-Chlorotoluene	ND		0.50		ug/L			04/02/14 05:04	1
Chlorodibromomethane	ND		0.50		ug/L			04/02/14 05:04	1
1,2-Dichlorobenzene	ND		0.50		ug/L			04/02/14 05:04	1
1,3-Dichlorobenzene	ND		0.50		ug/L			04/02/14 05:04	1
1,4-Dichlorobenzene	ND		0.50		ug/L			04/02/14 05:04	1
1,3-Dichloropropane	ND		1.0		ug/L			04/02/14 05:04	1
1,1-Dichloropropene	ND		0.50		ug/L			04/02/14 05:04	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			04/02/14 05:04	1
Ethylene Dibromide	ND		0.50		ug/L			04/02/14 05:04	1
Dibromomethane	ND		0.50		ug/L			04/02/14 05:04	1
Dichlorodifluoromethane	ND		0.50		ug/L			04/02/14 05:04	1
1,1-Dichloroethane	ND		0.50		ug/L			04/02/14 05:04	1
1,2-Dichloroethane	ND		0.50		ug/L			04/02/14 05:04	1
1,1-Dichloroethene	ND		0.50		ug/L			04/02/14 05:04	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			04/02/14 05:04	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			04/02/14 05:04	1
1,2-Dichloropropane	ND		0.50		ug/L			04/02/14 05:04	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			04/02/14 05:04	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			04/02/14 05:04	1
Ethylbenzene	ND		0.50		ug/L			04/02/14 05:04	1
Hexachlorobutadiene	ND		1.0		ug/L			04/02/14 05:04	1
2-Hexanone	ND		50		ug/L			04/02/14 05:04	1
Isopropylbenzene	ND		0.50		ug/L			04/02/14 05:04	1
4-Isopropyltoluene	ND		1.0		ug/L			04/02/14 05:04	1
Methylene Chloride	ND		5.0		ug/L			04/02/14 05:04	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			04/02/14 05:04	1
Naphthalene	ND		1.0		ug/L			04/02/14 05:04	1
N-Propylbenzene	ND		1.0		ug/L			04/02/14 05:04	1
Styrene	ND		0.50		ug/L			04/02/14 05:04	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			04/02/14 05:04	1

Client: Engeo, Inc.
Project/Site: Jordan Ranch

TestAmerica Job ID: 720-56413-1

Client Sample ID: MW-7A
Date Collected: 03/28/14 13:35
Date Received: 03/28/14 15:23

Lab Sample ID: 720-56413-7
Matrix: Water

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			04/02/14 05:04	1
Tetrachloroethene	ND		0.50		ug/L			04/02/14 05:04	1
Toluene	ND		0.50		ug/L			04/02/14 05:04	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			04/02/14 05:04	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			04/02/14 05:04	1
1,1,1-Trichloroethane	ND		0.50		ug/L			04/02/14 05:04	1
1,1,2-Trichloroethane	ND		0.50		ug/L			04/02/14 05:04	1
Trichloroethene	ND		0.50		ug/L			04/02/14 05:04	1
Trichlorofluoromethane	ND		1.0		ug/L			04/02/14 05:04	1
1,2,3-Trichloropropane	ND		0.50		ug/L			04/02/14 05:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			04/02/14 05:04	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			04/02/14 05:04	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			04/02/14 05:04	1
Vinyl acetate	ND		10		ug/L			04/02/14 05:04	1
Vinyl chloride	ND		0.50		ug/L			04/02/14 05:04	1
Xylenes, Total	ND		1.0		ug/L			04/02/14 05:04	1
2,2-Dichloropropane	ND		0.50		ug/L			04/02/14 05:04	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			04/02/14 05:04	1
TBA	ND		10		ug/L			04/02/14 05:04	1
Ethyl tert-butyl ether	ND		0.50		ug/L			04/02/14 05:04	1
DIPE	ND		0.50		ug/L			04/02/14 05:04	1
Ethanol	ND		250		ug/L			04/02/14 05:04	1
TAME	ND		0.50		ug/L			04/02/14 05:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*67 - 130*		*04/02/14 05:04*	*1*
1,2-Dichloroethane-d4 (Surr)	*97*		*72 - 130*		*04/02/14 05:04*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*04/02/14 05:04*	*1*

Method: 8015B - Nonhalogenated Organic Compounds - Direct Injection (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methanol	ND		0.50		mg/L			04/02/14 20:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Pentanol	*102*		*70 - 130*		*04/02/14 20:58*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		50		ug/L		04/03/14 16:04	04/03/14 23:37	1
Motor Oil Range Organics [C24-C36]	ND		100		ug/L		04/03/14 16:04	04/03/14 23:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Capric Acid (Surr)	*0.007*		*0 - 5*	*04/03/14 16:04*	*04/03/14 23:37*	*1*
p-Terphenyl	*85*		*31 - 150*	*04/03/14 16:04*	*04/03/14 23:37*	*1*

Client: Engeo, Inc.
Project/Site: Jordan Ranch

TestAmerica Job ID: 720-56413-1

Client Sample ID: MW-7B
Date Collected: 03/28/14 14:00
Date Received: 03/28/14 15:23

Lab Sample ID: 720-56413-8
Matrix: Water

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	**5.4**		0.50		ug/L			04/02/14 05:32	1
Acetone	ND		50		ug/L			04/02/14 05:32	1
Benzene	ND		0.50		ug/L			04/02/14 05:32	1
Dichlorobromomethane	ND		0.50		ug/L			04/02/14 05:32	1
Bromobenzene	ND		1.0		ug/L			04/02/14 05:32	1
Chlorobromomethane	ND		1.0		ug/L			04/02/14 05:32	1
Bromoform	ND		1.0		ug/L			04/02/14 05:32	1
Bromomethane	ND		1.0		ug/L			04/02/14 05:32	1
2-Butanone (MEK)	ND		50		ug/L			04/02/14 05:32	1
n-Butylbenzene	ND		1.0		ug/L			04/02/14 05:32	1
sec-Butylbenzene	ND		1.0		ug/L			04/02/14 05:32	1
tert-Butylbenzene	ND		1.0		ug/L			04/02/14 05:32	1
Carbon disulfide	ND		5.0		ug/L			04/02/14 05:32	1
Carbon tetrachloride	ND		0.50		ug/L			04/02/14 05:32	1
Chlorobenzene	ND		0.50		ug/L			04/02/14 05:32	1
Chloroethane	ND		1.0		ug/L			04/02/14 05:32	1
Chloroform	ND		1.0		ug/L			04/02/14 05:32	1
Chloromethane	ND		1.0		ug/L			04/02/14 05:32	1
2-Chlorotoluene	ND		0.50		ug/L			04/02/14 05:32	1
4-Chlorotoluene	ND		0.50		ug/L			04/02/14 05:32	1
Chlorodibromomethane	ND		0.50		ug/L			04/02/14 05:32	1
1,2-Dichlorobenzene	ND		0.50		ug/L			04/02/14 05:32	1
1,3-Dichlorobenzene	ND		0.50		ug/L			04/02/14 05:32	1
1,4-Dichlorobenzene	ND		0.50		ug/L			04/02/14 05:32	1
1,3-Dichloropropane	ND		1.0		ug/L			04/02/14 05:32	1
1,1-Dichloropropene	ND		0.50		ug/L			04/02/14 05:32	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			04/02/14 05:32	1
Ethylene Dibromide	ND		0.50		ug/L			04/02/14 05:32	1
Dibromomethane	ND		0.50		ug/L			04/02/14 05:32	1
Dichlorodifluoromethane	ND		0.50		ug/L			04/02/14 05:32	1
1,1-Dichloroethane	ND		0.50		ug/L			04/02/14 05:32	1
1,2-Dichloroethane	ND		0.50		ug/L			04/02/14 05:32	1
1,1-Dichloroethene	ND		0.50		ug/L			04/02/14 05:32	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			04/02/14 05:32	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			04/02/14 05:32	1
1,2-Dichloropropane	ND		0.50		ug/L			04/02/14 05:32	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			04/02/14 05:32	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			04/02/14 05:32	1
Ethylbenzene	ND		0.50		ug/L			04/02/14 05:32	1
Hexachlorobutadiene	ND		1.0		ug/L			04/02/14 05:32	1
2-Hexanone	ND		50		ug/L			04/02/14 05:32	1
Isopropylbenzene	ND		0.50		ug/L			04/02/14 05:32	1
4-Isopropyltoluene	ND		1.0		ug/L			04/02/14 05:32	1
Methylene Chloride	ND		5.0		ug/L			04/02/14 05:32	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			04/02/14 05:32	1
Naphthalene	ND		1.0		ug/L			04/02/14 05:32	1
N-Propylbenzene	ND		1.0		ug/L			04/02/14 05:32	1
Styrene	ND		0.50		ug/L			04/02/14 05:32	1
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			04/02/14 05:32	1

Client: Engeo, Inc.
Project/Site: Jordan Ranch

TestAmerica Job ID: 720-56413-1

Client Sample ID: MW-7B
Date Collected: 03/28/14 14:00
Date Received: 03/28/14 15:23

Lab Sample ID: 720-56413-8
Matrix: Water

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			04/02/14 05:32	1
Tetrachloroethene	ND		0.50		ug/L			04/02/14 05:32	1
Toluene	ND		0.50		ug/L			04/02/14 05:32	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			04/02/14 05:32	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			04/02/14 05:32	1
1,1,1-Trichloroethane	ND		0.50		ug/L			04/02/14 05:32	1
1,1,2-Trichloroethane	ND		0.50		ug/L			04/02/14 05:32	1
Trichloroethene	ND		0.50		ug/L			04/02/14 05:32	1
Trichlorofluoromethane	ND		1.0		ug/L			04/02/14 05:32	1
1,2,3-Trichloropropane	ND		0.50		ug/L			04/02/14 05:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			04/02/14 05:32	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			04/02/14 05:32	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			04/02/14 05:32	1
Vinyl acetate	ND		10		ug/L			04/02/14 05:32	1
Vinyl chloride	ND		0.50		ug/L			04/02/14 05:32	1
Xylenes, Total	ND		1.0		ug/L			04/02/14 05:32	1
2,2-Dichloropropane	ND		0.50		ug/L			04/02/14 05:32	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			04/02/14 05:32	1
TBA	ND		10		ug/L			04/02/14 05:32	1
Ethyl tert-butyl ether	ND		0.50		ug/L			04/02/14 05:32	1
DIPE	ND		0.50		ug/L			04/02/14 05:32	1
Ethanol	ND		250		ug/L			04/02/14 05:32	1
TAME	ND		0.50		ug/L			04/02/14 05:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*96*		*67 - 130*		*04/02/14 05:32*	*1*
1,2-Dichloroethane-d4 (Surr)	*96*		*72 - 130*		*04/02/14 05:32*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*04/02/14 05:32*	*1*

Method: 8015B - Nonhalogenated Organic Compounds - Direct Injection (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methanol	ND		0.50		mg/L			04/02/14 21:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Pentanol	*104*		*70 - 130*		*04/02/14 21:15*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC) - Silica Gel Cleanup

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		52		ug/L		04/03/14 16:04	04/04/14 00:06	1
Motor Oil Range Organics [C24-C36]	ND		100		ug/L		04/03/14 16:04	04/04/14 00:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Capric Acid (Surr)	*0.007*		*0 - 5*	*04/03/14 16:04*	*04/04/14 00:06*	*1*
p-Terphenyl	*85*		*31 - 150*	*04/03/14 16:04*	*04/04/14 00:06*	*1*

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS

Lab Sample ID: MB 720-156434/4
Matrix: Water
Analysis Batch: 156434

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		0.50		ug/L			04/01/14 19:11	1
Acetone	ND		50		ug/L			04/01/14 19:11	1
Benzene	ND		0.50		ug/L			04/01/14 19:11	1
Dichlorobromomethane	ND		0.50		ug/L			04/01/14 19:11	1
Bromobenzene	ND		1.0		ug/L			04/01/14 19:11	1
Chlorobromomethane	ND		1.0		ug/L			04/01/14 19:11	1
Bromoform	ND		1.0		ug/L			04/01/14 19:11	1
Bromomethane	ND		1.0		ug/L			04/01/14 19:11	1
2-Butanone (MEK)	ND		50		ug/L			04/01/14 19:11	1
n-Butylbenzene	ND		1.0		ug/L			04/01/14 19:11	1
sec-Butylbenzene	ND		1.0		ug/L			04/01/14 19:11	1
tert-Butylbenzene	ND		1.0		ug/L			04/01/14 19:11	1
Carbon disulfide	ND		5.0		ug/L			04/01/14 19:11	1
Carbon tetrachloride	ND		0.50		ug/L			04/01/14 19:11	1
Chlorobenzene	ND		0.50		ug/L			04/01/14 19:11	1
Chloroethane	ND		1.0		ug/L			04/01/14 19:11	1
Chloroform	ND		1.0		ug/L			04/01/14 19:11	1
Chloromethane	ND		1.0		ug/L			04/01/14 19:11	1
2-Chlorotoluene	ND		0.50		ug/L			04/01/14 19:11	1
4-Chlorotoluene	ND		0.50		ug/L			04/01/14 19:11	1
Chlorodibromomethane	ND		0.50		ug/L			04/01/14 19:11	1
1,2-Dichlorobenzene	ND		0.50		ug/L			04/01/14 19:11	1
1,3-Dichlorobenzene	ND		0.50		ug/L			04/01/14 19:11	1
1,4-Dichlorobenzene	ND		0.50		ug/L			04/01/14 19:11	1
1,3-Dichloropropane	ND		1.0		ug/L			04/01/14 19:11	1
1,1-Dichloropropene	ND		0.50		ug/L			04/01/14 19:11	1
1,2-Dibromo-3-Chloropropane	ND		1.0		ug/L			04/01/14 19:11	1
Ethylene Dibromide	ND		0.50		ug/L			04/01/14 19:11	1
Dibromomethane	ND		0.50		ug/L			04/01/14 19:11	1
Dichlorodifluoromethane	ND		0.50		ug/L			04/01/14 19:11	1
1,1-Dichloroethane	ND		0.50		ug/L			04/01/14 19:11	1
1,2-Dichloroethane	ND		0.50		ug/L			04/01/14 19:11	1
1,1-Dichloroethene	ND		0.50		ug/L			04/01/14 19:11	1
cis-1,2-Dichloroethene	ND		0.50		ug/L			04/01/14 19:11	1
trans-1,2-Dichloroethene	ND		0.50		ug/L			04/01/14 19:11	1
1,2-Dichloropropane	ND		0.50		ug/L			04/01/14 19:11	1
cis-1,3-Dichloropropene	ND		0.50		ug/L			04/01/14 19:11	1
trans-1,3-Dichloropropene	ND		0.50		ug/L			04/01/14 19:11	1
Ethylbenzene	ND		0.50		ug/L			04/01/14 19:11	1
Hexachlorobutadiene	ND		1.0		ug/L			04/01/14 19:11	1
2-Hexanone	ND		50		ug/L			04/01/14 19:11	1
Isopropylbenzene	ND		0.50		ug/L			04/01/14 19:11	1
4-Isopropyltoluene	ND		1.0		ug/L			04/01/14 19:11	1
Methylene Chloride	ND		5.0		ug/L			04/01/14 19:11	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/L			04/01/14 19:11	1
Naphthalene	ND		1.0		ug/L			04/01/14 19:11	1
N-Propylbenzene	ND		1.0		ug/L			04/01/14 19:11	1
Styrene	ND		0.50		ug/L			04/01/14 19:11	1

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: MB 720-156434/4
Matrix: Water
Analysis Batch: 156434

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50		ug/L			04/01/14 19:11	1
1,1,2,2-Tetrachloroethane	ND		0.50		ug/L			04/01/14 19:11	1
Tetrachloroethene	ND		0.50		ug/L			04/01/14 19:11	1
Toluene	ND		0.50		ug/L			04/01/14 19:11	1
1,2,3-Trichlorobenzene	ND		1.0		ug/L			04/01/14 19:11	1
1,2,4-Trichlorobenzene	ND		1.0		ug/L			04/01/14 19:11	1
1,1,1-Trichloroethane	ND		0.50		ug/L			04/01/14 19:11	1
1,1,2-Trichloroethane	ND		0.50		ug/L			04/01/14 19:11	1
Trichloroethene	ND		0.50		ug/L			04/01/14 19:11	1
Trichlorofluoromethane	ND		1.0		ug/L			04/01/14 19:11	1
1,2,3-Trichloropropane	ND		0.50		ug/L			04/01/14 19:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		0.50		ug/L			04/01/14 19:11	1
1,2,4-Trimethylbenzene	ND		0.50		ug/L			04/01/14 19:11	1
1,3,5-Trimethylbenzene	ND		0.50		ug/L			04/01/14 19:11	1
Vinyl acetate	ND		10		ug/L			04/01/14 19:11	1
Vinyl chloride	ND		0.50		ug/L			04/01/14 19:11	1
Xylenes, Total	ND		1.0		ug/L			04/01/14 19:11	1
2,2-Dichloropropane	ND		0.50		ug/L			04/01/14 19:11	1
Gasoline Range Organics (GRO) -C5-C12	ND		50		ug/L			04/01/14 19:11	1
TBA	ND		10		ug/L			04/01/14 19:11	1
Ethyl tert-butyl ether	ND		0.50		ug/L			04/01/14 19:11	1
DIPE	ND		0.50		ug/L			04/01/14 19:11	1
Ethanol	ND		250		ug/L			04/01/14 19:11	1
TAME	ND		0.50		ug/L			04/01/14 19:11	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*67 - 130*		*04/01/14 19:11*	*1*
1,2-Dichloroethane-d4 (Surr)	*94*		*72 - 130*		*04/01/14 19:11*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*04/01/14 19:11*	*1*

Lab Sample ID: LCS 720-156434/5
Matrix: Water
Analysis Batch: 156434

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl tert-butyl ether	25.0	23.4		ug/L		93	62 - 130
Acetone	125	103		ug/L		82	26 - 180
Benzene	25.0	23.7		ug/L		95	79 - 130
Dichlorobromomethane	25.0	25.1		ug/L		100	70 - 130
Bromobenzene	25.0	25.0		ug/L		100	70 - 130
Chlorobromomethane	25.0	25.6		ug/L		102	70 - 130
Bromoform	25.0	27.0		ug/L		108	68 - 136
Bromomethane	25.0	22.2		ug/L		89	43 - 151
2-Butanone (MEK)	125	107		ug/L		85	54 - 130
n-Butylbenzene	25.0	25.8		ug/L		103	70 - 142
sec-Butylbenzene	25.0	25.7		ug/L		103	70 - 134
tert-Butylbenzene	25.0	26.2		ug/L		105	70 - 135

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCS 720-156434/5
Matrix: Water
Analysis Batch: 156434

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Carbon disulfide	25.0	22.3		ug/L		89	58 - 130
Carbon tetrachloride	25.0	28.4		ug/L		113	70 - 146
Chlorobenzene	25.0	25.4		ug/L		101	70 - 130
Chloroethane	25.0	22.1		ug/L		88	62 - 138
Chloroform	25.0	24.3		ug/L		97	70 - 130
Chloromethane	25.0	20.4		ug/L		82	52 - 175
2-Chlorotoluene	25.0	25.0		ug/L		100	70 - 130
4-Chlorotoluene	25.0	24.3		ug/L		97	70 - 130
Chlorodibromomethane	25.0	27.2		ug/L		109	70 - 145
1,2-Dichlorobenzene	25.0	25.2		ug/L		101	70 - 130
1,3-Dichlorobenzene	25.0	26.0		ug/L		104	70 - 130
1,4-Dichlorobenzene	25.0	25.8		ug/L		103	70 - 130
1,3-Dichloropropane	25.0	23.8		ug/L		95	70 - 130
1,1-Dichloropropene	25.0	25.4		ug/L		102	70 - 130
1,2-Dibromo-3-Chloropropane	25.0	24.0		ug/L		96	70 - 136
Ethylene Dibromide	25.0	25.3		ug/L		101	70 - 130
Dibromomethane	25.0	24.1		ug/L		97	70 - 130
Dichlorodifluoromethane	25.0	17.6		ug/L		70	34 - 132
1,1-Dichloroethane	25.0	23.7		ug/L		95	70 - 130
1,2-Dichloroethane	25.0	22.7		ug/L		91	61 - 132
1,1-Dichloroethene	25.0	23.9		ug/L		96	64 - 128
cis-1,2-Dichloroethene	25.0	24.0		ug/L		96	70 - 130
trans-1,2-Dichloroethene	25.0	24.1		ug/L		96	68 - 130
1,2-Dichloropropane	25.0	23.5		ug/L		94	70 - 130
cis-1,3-Dichloropropene	25.0	24.8		ug/L		99	70 - 130
trans-1,3-Dichloropropene	25.0	27.0		ug/L		108	70 - 140
Ethylbenzene	25.0	24.7		ug/L		99	80 - 120
Hexachlorobutadiene	25.0	26.2		ug/L		105	70 - 130
2-Hexanone	125	106		ug/L		85	60 - 164
Isopropylbenzene	25.0	27.0		ug/L		108	70 - 130
4-Isopropyltoluene	25.0	26.4		ug/L		105	70 - 130
Methylene Chloride	25.0	21.2		ug/L		85	70 - 147
4-Methyl-2-pentanone (MIBK)	125	110		ug/L		88	58 - 130
Naphthalene	25.0	26.0		ug/L		104	70 - 130
N-Propylbenzene	25.0	24.3		ug/L		97	70 - 130
Styrene	25.0	26.2		ug/L		105	70 - 130
1,1,1,2-Tetrachloroethane	25.0	28.1		ug/L		112	70 - 130
1,1,2,2-Tetrachloroethane	25.0	23.4		ug/L		94	70 - 130
Tetrachloroethene	25.0	27.4		ug/L		110	70 - 130
Toluene	25.0	22.8		ug/L		91	78 - 120
1,2,3-Trichlorobenzene	25.0	26.4		ug/L		105	70 - 130
1,2,4-Trichlorobenzene	25.0	26.8		ug/L		107	70 - 130
1,1,1-Trichloroethane	25.0	26.2		ug/L		105	70 - 130
1,1,2-Trichloroethane	25.0	24.6		ug/L		98	70 - 130
Trichloroethene	25.0	25.5		ug/L		102	70 - 130
Trichlorofluoromethane	25.0	24.6		ug/L		98	66 - 132
1,2,3-Trichloropropane	25.0	23.2		ug/L		93	70 - 130

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCS 720-156434/5
Matrix: Water
Analysis Batch: 156434

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,2-Trichloro-1,2,2-trifluoroethane	25.0	23.5		ug/L		94	42 - 162
1,2,4-Trimethylbenzene	25.0	25.4		ug/L		102	70 - 132
1,3,5-Trimethylbenzene	25.0	25.7		ug/L		103	70 - 130
Vinyl acetate	25.0	29.5		ug/L		118	43 - 163
Vinyl chloride	25.0	20.2		ug/L		81	54 - 135
m-Xylene & p-Xylene	50.0	51.2		ug/L		102	70 - 142
o-Xylene	25.0	26.3		ug/L		105	70 - 130
2,2-Dichloropropane	25.0	27.3		ug/L		109	70 - 140
TBA	500	469		ug/L		94	70 - 130
Ethyl tert-butyl ether	25.0	23.7		ug/L		95	70 - 130
DIPE	25.0	23.3		ug/L		93	69 - 134
Ethanol	500	478		ug/L		96	31 - 216
TAME	25.0	25.2		ug/L		101	79 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*99*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*91*		*72 - 130*
Toluene-d8 (Surr)	*103*		*70 - 130*

Lab Sample ID: LCS 720-156434/7
Matrix: Water
Analysis Batch: 156434

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO) -C5-C12	500	525		ug/L		105	62 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*98*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*93*		*72 - 130*
Toluene-d8 (Surr)	*103*		*70 - 130*

Lab Sample ID: LCSD 720-156434/6
Matrix: Water
Analysis Batch: 156434

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Methyl tert-butyl ether	25.0	23.2		ug/L		93	62 - 130	1	20
Acetone	125	113		ug/L		90	26 - 180	9	30
Benzene	25.0	23.4		ug/L		94	79 - 130	1	20
Dichlorobromomethane	25.0	24.2		ug/L		97	70 - 130	4	20
Bromobenzene	25.0	24.7		ug/L		99	70 - 130	1	20
Chlorobromomethane	25.0	25.6		ug/L		102	70 - 130	0	20
Bromoform	25.0	27.7		ug/L		111	68 - 136	3	20
Bromomethane	25.0	22.2		ug/L		89	43 - 151	0	20
2-Butanone (MEK)	125	114		ug/L		92	54 - 130	7	20
n-Butylbenzene	25.0	25.7		ug/L		103	70 - 142	0	20

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCSD 720-156434/6
Matrix: Water
Analysis Batch: 156434

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
sec-Butylbenzene	25.0	25.6		ug/L		102	70 - 134	0	20
tert-Butylbenzene	25.0	26.0		ug/L		104	70 - 135	0	20
Carbon disulfide	25.0	23.2		ug/L		93	58 - 130	4	20
Carbon tetrachloride	25.0	28.5		ug/L		114	70 - 146	0	20
Chlorobenzene	25.0	25.1		ug/L		100	70 - 130	1	20
Chloroethane	25.0	22.4		ug/L		89	62 - 138	1	20
Chloroform	25.0	23.9		ug/L		96	70 - 130	1	20
Chloromethane	25.0	20.9		ug/L		83	52 - 175	2	20
2-Chlorotoluene	25.0	24.8		ug/L		99	70 - 130	1	20
4-Chlorotoluene	25.0	24.3		ug/L		97	70 - 130	0	20
Chlorodibromomethane	25.0	26.9		ug/L		108	70 - 145	1	20
1,2-Dichlorobenzene	25.0	25.2		ug/L		101	70 - 130	0	20
1,3-Dichlorobenzene	25.0	25.8		ug/L		103	70 - 130	1	20
1,4-Dichlorobenzene	25.0	25.8		ug/L		103	70 - 130	0	20
1,3-Dichloropropane	25.0	23.6		ug/L		94	70 - 130	1	20
1,1-Dichloropropene	25.0	25.3		ug/L		101	70 - 130	0	20
1,2-Dibromo-3-Chloropropane	25.0	25.3		ug/L		101	70 - 136	5	20
Ethylene Dibromide	25.0	25.3		ug/L		101	70 - 130	0	20
Dibromomethane	25.0	24.3		ug/L		97	70 - 130	1	20
Dichlorodifluoromethane	25.0	18.2		ug/L		73	34 - 132	3	20
1,1-Dichloroethane	25.0	23.4		ug/L		94	70 - 130	1	20
1,2-Dichloroethane	25.0	22.5		ug/L		90	61 - 132	1	20
1,1-Dichloroethene	25.0	24.2		ug/L		97	64 - 128	1	20
cis-1,2-Dichloroethene	25.0	23.6		ug/L		94	70 - 130	2	20
trans-1,2-Dichloroethene	25.0	24.2		ug/L		97	68 - 130	0	20
1,2-Dichloropropane	25.0	22.9		ug/L		92	70 - 130	3	20
cis-1,3-Dichloropropene	25.0	24.4		ug/L		98	70 - 130	1	20
trans-1,3-Dichloropropene	25.0	26.7		ug/L		107	70 - 140	1	20
Ethylbenzene	25.0	24.6		ug/L		98	80 - 120	0	20
Hexachlorobutadiene	25.0	26.1		ug/L		104	70 - 130	1	20
2-Hexanone	125	114		ug/L		91	60 - 164	7	20
Isopropylbenzene	25.0	26.7		ug/L		107	70 - 130	1	20
4-Isopropyltoluene	25.0	26.1		ug/L		104	70 - 130	1	20
Methylene Chloride	25.0	21.1		ug/L		84	70 - 147	1	20
4-Methyl-2-pentanone (MIBK)	125	116		ug/L		93	58 - 130	6	20
Naphthalene	25.0	26.4		ug/L		106	70 - 130	2	20
N-Propylbenzene	25.0	24.3		ug/L		97	70 - 130	0	20
Styrene	25.0	26.0		ug/L		104	70 - 130	1	20
1,1,1,2-Tetrachloroethane	25.0	27.8		ug/L		111	70 - 130	1	20
1,1,2,2-Tetrachloroethane	25.0	24.2		ug/L		97	70 - 130	4	20
Tetrachloroethene	25.0	26.9		ug/L		108	70 - 130	2	20
Toluene	25.0	22.7		ug/L		91	78 - 120	0	20
1,2,3-Trichlorobenzene	25.0	26.1		ug/L		104	70 - 130	1	20
1,2,4-Trichlorobenzene	25.0	26.1		ug/L		105	70 - 130	3	20
1,1,1-Trichloroethane	25.0	26.2		ug/L		105	70 - 130	0	20
1,1,2-Trichloroethane	25.0	24.2		ug/L		97	70 - 130	2	20
Trichloroethene	25.0	25.3		ug/L		101	70 - 130	1	20
Trichlorofluoromethane	25.0	26.0		ug/L		104	66 - 132	6	20

Method: 8260B/CA_LUFTMS - 8260B / CA LUFT MS (Continued)

Lab Sample ID: LCSD 720-156434/6
Matrix: Water
Analysis Batch: 156434

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,3-Trichloropropane			25.0	24.2		ug/L		97	70 - 130	4	20
1,1,2-Trichloro-1,2,2-trifluoroethane			25.0	23.7		ug/L		95	42 - 162	1	20
1,2,4-Trimethylbenzene			25.0	25.4		ug/L		102	70 - 132	0	20
1,3,5-Trimethylbenzene			25.0	25.5		ug/L		102	70 - 130	1	20
Vinyl acetate			25.0	30.2		ug/L		121	43 - 163	2	20
Vinyl chloride			25.0	20.7		ug/L		83	54 - 135	2	20
m-Xylene & p-Xylene			50.0	50.7		ug/L		101	70 - 142	1	20
o-Xylene			25.0	25.8		ug/L		103	70 - 130	2	20
2,2-Dichloropropane			25.0	27.8		ug/L		111	70 - 140	2	20
TBA			500	464		ug/L		93	70 - 130	1	20
Ethyl tert-butyl ether			25.0	22.7		ug/L		91	70 - 130	4	20
DIPE			25.0	22.4		ug/L		90	69 - 134	4	20
Ethanol			500	486		ug/L		97	31 - 216	2	30
TAME			25.0	24.7		ug/L		99	79 - 130	2	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*98*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*91*		*72 - 130*
Toluene-d8 (Surr)	*102*		*70 - 130*

Lab Sample ID: LCSD 720-156434/8
Matrix: Water
Analysis Batch: 156434

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO) -C5-C12			500	542		ug/L		108	62 - 120	3	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene	*98*		*67 - 130*
1,2-Dichloroethane-d4 (Surr)	*92*		*72 - 130*
Toluene-d8 (Surr)	*103*		*70 - 130*

Method: 8015B - Nonhalogenated Organic Compounds - Direct Injection (GC)

Lab Sample ID: MB 440-173437/8
Matrix: Water
Analysis Batch: 173437

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methanol	ND		0.50		mg/L			04/02/14 16:58	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Pentanol	*102*		*70 - 130*		*04/02/14 16:58*	*1*

Method: 8015B - Nonhalogenated Organic Compounds - Direct Injection (GC) (Continued)

Lab Sample ID: LCS 440-173437/9
Matrix: Water
Analysis Batch: 173437

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Methanol			10.0	10.3		mg/L		103	70 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Pentanol	*104*		*70 - 130*

Lab Sample ID: 720-56413-1 MS
Matrix: Water
Analysis Batch: 173437

Client Sample ID: MW-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Methanol	ND		10.0	10.1		mg/L		101	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Pentanol	*104*		*70 - 130*

Lab Sample ID: 720-56413-1 MSD
Matrix: Water
Analysis Batch: 173437

Client Sample ID: MW-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Methanol	ND		10.0	10.7		mg/L		107	70 - 130	5	25

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Pentanol	*105*		*70 - 130*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 720-156599/1-A
Matrix: Water
Analysis Batch: 156570

Client Sample ID: Method Blank
Prep Type: Silica Gel Cleanup
Prep Batch: 156599

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		50		ug/L		04/03/14 10:45	04/03/14 21:35	1
Motor Oil Range Organics [C24-C36]	ND		99		ug/L		04/03/14 10:45	04/03/14 21:35	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Capric Acid (Surr)	*0.002*		*0 - 5*	*04/03/14 10:45*	*04/03/14 21:35*	*1*
p-Terphenyl	*111*		*31 - 150*	*04/03/14 10:45*	*04/03/14 21:35*	*1*

Lab Sample ID: LCS 720-156599/2-A
Matrix: Water
Analysis Batch: 156570

Client Sample ID: Lab Control Sample
Prep Type: Silica Gel Cleanup
Prep Batch: 156599

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Diesel Range Organics [C10-C28]			2500	1590		ug/L		64	32 - 119		

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 720-156599/2-A
Matrix: Water
Analysis Batch: 156570

Client Sample ID: Lab Control Sample
Prep Type: Silica Gel Cleanup
Prep Batch: 156599

Surrogate	LCS %Recovery	LCS Qualifier	Limits
p-Terphenyl	*101*		*31 - 150*

Lab Sample ID: LCSD 720-156599/3-A
Matrix: Water
Analysis Batch: 156570

Client Sample ID: Lab Control Sample Dup
Prep Type: Silica Gel Cleanup
Prep Batch: 156599

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]			2500	1730		ug/L		69	32 - 119	8	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
p-Terphenyl	*110*		*31 - 150*

Lab Sample ID: MB 720-156628/1-A
Matrix: Water
Analysis Batch: 156672

Client Sample ID: Method Blank
Prep Type: Silica Gel Cleanup
Prep Batch: 156628

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		50		ug/L		04/03/14 16:04	04/04/14 13:15	1
Motor Oil Range Organics [C24-C36]	ND		99		ug/L		04/03/14 16:04	04/04/14 13:15	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Capric Acid (Surr)	*0.003*		*0 - 5*	*04/03/14 16:04*	*04/04/14 13:15*	*1*
p-Terphenyl	*103*		*31 - 150*	*04/03/14 16:04*	*04/04/14 13:15*	*1*

Lab Sample ID: LCS 720-156628/2-A
Matrix: Water
Analysis Batch: 156571

Client Sample ID: Lab Control Sample
Prep Type: Silica Gel Cleanup
Prep Batch: 156628

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]			2500	1530		ug/L		61	32 - 119

Surrogate	LCS %Recovery	LCS Qualifier	Limits
p-Terphenyl	*88*		*31 - 150*

Lab Sample ID: LCSD 720-156628/3-A
Matrix: Water
Analysis Batch: 156571

Client Sample ID: Lab Control Sample Dup
Prep Type: Silica Gel Cleanup
Prep Batch: 156628

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]			2500	1660		ug/L		66	32 - 119	8	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
p-Terphenyl	*97*		*31 - 150*

GC/MS VOA

Analysis Batch: 156434

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-56413-1	MW-1	Total/NA	Water	8260B/CA_LUFT MS	
720-56413-2	MW-2	Total/NA	Water	8260B/CA_LUFT MS	
720-56413-3	MW-4	Total/NA	Water	8260B/CA_LUFT MS	
720-56413-4	MW-5	Total/NA	Water	8260B/CA_LUFT MS	
720-56413-5	MW-6A	Total/NA	Water	8260B/CA_LUFT MS	
720-56413-6	MW-6B	Total/NA	Water	8260B/CA_LUFT MS	
720-56413-7	MW-7A	Total/NA	Water	8260B/CA_LUFT MS	
720-56413-8	MW-7B	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-156434/5	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCS 720-156434/7	Lab Control Sample	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-156434/6	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
LCSD 720-156434/8	Lab Control Sample Dup	Total/NA	Water	8260B/CA_LUFT MS	
MB 720-156434/4	Method Blank	Total/NA	Water	8260B/CA_LUFT MS	

GC VOA

Analysis Batch: 173437

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-56413-1	MW-1	Total/NA	Water	8015B	
720-56413-1 MS	MW-1	Total/NA	Water	8015B	
720-56413-1 MSD	MW-1	Total/NA	Water	8015B	
720-56413-2	MW-2	Total/NA	Water	8015B	
720-56413-3	MW-4	Total/NA	Water	8015B	
720-56413-4	MW-5	Total/NA	Water	8015B	
720-56413-5	MW-6A	Total/NA	Water	8015B	
720-56413-6	MW-6B	Total/NA	Water	8015B	
720-56413-7	MW-7A	Total/NA	Water	8015B	
720-56413-8	MW-7B	Total/NA	Water	8015B	
LCS 440-173437/9	Lab Control Sample	Total/NA	Water	8015B	
MB 440-173437/8	Method Blank	Total/NA	Water	8015B	

GC Semi VOA

Analysis Batch: 156568

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-56413-5	MW-6A	Silica Gel Cleanup	Water	8015B	156628
720-56413-6	MW-6B	Silica Gel Cleanup	Water	8015B	156628
720-56413-7	MW-7A	Silica Gel Cleanup	Water	8015B	156628
720-56413-8	MW-7B	Silica Gel Cleanup	Water	8015B	156628

GC Semi VOA (Continued)

Analysis Batch: 156570

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-56413-1	MW-1	Silica Gel Cleanup	Water	8015B	156599
720-56413-2	MW-2	Silica Gel Cleanup	Water	8015B	156599
720-56413-3	MW-4	Silica Gel Cleanup	Water	8015B	156599
720-56413-4	MW-5	Silica Gel Cleanup	Water	8015B	156599
LCS 720-156599/2-A	Lab Control Sample	Silica Gel Cleanup	Water	8015B	156599
LCSD 720-156599/3-A	Lab Control Sample Dup	Silica Gel Cleanup	Water	8015B	156599
MB 720-156599/1-A	Method Blank	Silica Gel Cleanup	Water	8015B	156599

Analysis Batch: 156571

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 720-156628/2-A	Lab Control Sample	Silica Gel Cleanup	Water	8015B	156628
LCSD 720-156628/3-A	Lab Control Sample Dup	Silica Gel Cleanup	Water	8015B	156628

Prep Batch: 156599

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-56413-1	MW-1	Silica Gel Cleanup	Water	3510C SGC	
720-56413-2	MW-2	Silica Gel Cleanup	Water	3510C SGC	
720-56413-3	MW-4	Silica Gel Cleanup	Water	3510C SGC	
720-56413-4	MW-5	Silica Gel Cleanup	Water	3510C SGC	
LCS 720-156599/2-A	Lab Control Sample	Silica Gel Cleanup	Water	3510C SGC	
LCSD 720-156599/3-A	Lab Control Sample Dup	Silica Gel Cleanup	Water	3510C SGC	
MB 720-156599/1-A	Method Blank	Silica Gel Cleanup	Water	3510C SGC	

Prep Batch: 156628

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-56413-5	MW-6A	Silica Gel Cleanup	Water	3510C SGC	
720-56413-6	MW-6B	Silica Gel Cleanup	Water	3510C SGC	
720-56413-7	MW-7A	Silica Gel Cleanup	Water	3510C SGC	
720-56413-8	MW-7B	Silica Gel Cleanup	Water	3510C SGC	
LCS 720-156628/2-A	Lab Control Sample	Silica Gel Cleanup	Water	3510C SGC	
LCSD 720-156628/3-A	Lab Control Sample Dup	Silica Gel Cleanup	Water	3510C SGC	
MB 720-156628/1-A	Method Blank	Silica Gel Cleanup	Water	3510C SGC	

Analysis Batch: 156672

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 720-156628/1-A	Method Blank	Silica Gel Cleanup	Water	8015B	156628

Client Sample ID: MW-1

Lab Sample ID: 720-56413-1

Date Collected: 03/28/14 09:26

Matrix: Water

Date Received: 03/28/14 15:23

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	156434	04/02/14 02:14	PDR	TAL PLS
Total/NA	Analysis	8015B		1	173437	04/02/14 18:07	EI	TAL IRV
Silica Gel Cleanup	Prep	3510C SGC			156599	04/03/14 10:45	JRM	TAL PLS
Silica Gel Cleanup	Analysis	8015B		1	156570	04/03/14 17:56	DCH	TAL PLS

Client Sample ID: MW-2

Lab Sample ID: 720-56413-2

Date Collected: 03/28/14 10:15

Matrix: Water

Date Received: 03/28/14 15:23

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	156434	04/02/14 02:42	PDR	TAL PLS
Total/NA	Analysis	8015B		1	173437	04/02/14 19:32	EI	TAL IRV
Silica Gel Cleanup	Prep	3510C SGC			156599	04/03/14 10:45	JRM	TAL PLS
Silica Gel Cleanup	Analysis	8015B		1	156570	04/03/14 18:20	DCH	TAL PLS

Client Sample ID: MW-4

Lab Sample ID: 720-56413-3

Date Collected: 03/28/14 12:30

Matrix: Water

Date Received: 03/28/14 15:23

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	156434	04/02/14 03:10	PDR	TAL PLS
Total/NA	Analysis	8015B		1	173437	04/02/14 19:49	EI	TAL IRV
Silica Gel Cleanup	Prep	3510C SGC			156599	04/03/14 10:45	JRM	TAL PLS
Silica Gel Cleanup	Analysis	8015B		1	156570	04/03/14 18:44	DCH	TAL PLS

Client Sample ID: MW-5

Lab Sample ID: 720-56413-4

Date Collected: 03/28/14 14:45

Matrix: Water

Date Received: 03/28/14 15:23

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		50	156434	04/02/14 03:38	PDR	TAL PLS
Total/NA	Analysis	8015B		1	173437	04/02/14 20:06	EI	TAL IRV
Silica Gel Cleanup	Prep	3510C SGC			156599	04/03/14 10:45	JRM	TAL PLS
Silica Gel Cleanup	Analysis	8015B		1	156570	04/03/14 19:09	DCH	TAL PLS

Client Sample ID: MW-6A

Lab Sample ID: 720-56413-5

Date Collected: 03/28/14 11:30

Matrix: Water

Date Received: 03/28/14 15:23

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	156434	04/02/14 04:07	PDR	TAL PLS
Total/NA	Analysis	8015B		1	173437	04/02/14 20:23	EI	TAL IRV

Lab Chronicle

Client: Engeo, Inc.
Project/Site: Jordan Ranch

TestAmerica Job ID: 720-56413-1

Client Sample ID: MW-6A

Lab Sample ID: 720-56413-5

Date Collected: 03/28/14 11:30
Date Received: 03/28/14 15:23

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Silica Gel Cleanup	Prep	3510C SGC			156628	04/03/14 16:04	AFM	TAL PLS
Silica Gel Cleanup	Analysis	8015B		1	156568	04/03/14 22:39	JL	TAL PLS

Client Sample ID: MW-6B

Lab Sample ID: 720-56413-6

Date Collected: 03/28/14 11:00
Date Received: 03/28/14 15:23

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	156434	04/02/14 04:35	PDR	TAL PLS
Total/NA	Analysis	8015B		1	173437	04/02/14 20:40	EI	TAL IRV
Silica Gel Cleanup	Prep	3510C SGC			156628	04/03/14 16:04	AFM	TAL PLS
Silica Gel Cleanup	Analysis	8015B		1	156568	04/03/14 23:08	JL	TAL PLS

Client Sample ID: MW-7A

Lab Sample ID: 720-56413-7

Date Collected: 03/28/14 13:35
Date Received: 03/28/14 15:23

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	156434	04/02/14 05:04	PDR	TAL PLS
Total/NA	Analysis	8015B		1	173437	04/02/14 20:58	EI	TAL IRV
Silica Gel Cleanup	Prep	3510C SGC			156628	04/03/14 16:04	AFM	TAL PLS
Silica Gel Cleanup	Analysis	8015B		1	156568	04/03/14 23:37	JL	TAL PLS

Client Sample ID: MW-7B

Lab Sample ID: 720-56413-8

Date Collected: 03/28/14 14:00
Date Received: 03/28/14 15:23

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B/CA_LUFTMS		1	156434	04/02/14 05:32	PDR	TAL PLS
Total/NA	Analysis	8015B		1	173437	04/02/14 21:15	EI	TAL IRV
Silica Gel Cleanup	Prep	3510C SGC			156628	04/03/14 16:04	AFM	TAL PLS
Silica Gel Cleanup	Analysis	8015B		1	156568	04/04/14 00:06	JL	TAL PLS

Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

Certification Summary

Client: Engeo, Inc.
Project/Site: Jordan Ranch

TestAmerica Job ID: 720-56413-1

Laboratory: TestAmerica Pleasanton

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	State Program	9	2496	01-31-16

Laboratory: TestAmerica Irvine

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Alaska	State Program	10	CA01531	06-30-14
Arizona	State Program	9	AZ0671	10-13-14
California	LA Cty Sanitation Districts	9	10256	01-31-15
California	State Program	9	2706	06-30-14
Guam	State Program	9	Cert. No. 12.002r	01-23-14 *
Hawaii	State Program	9	N/A	01-29-15 *
Nevada	State Program	9	CA015312007A	07-31-14
New Mexico	State Program	6	N/A	01-31-14 *
Northern Mariana Islands	State Program	9	MP0002	01-31-14 *
Oregon	NELAP	10	4005	01-29-15
USDA	Federal		P330-09-00080	06-06-14
USEPA UCMR	Federal	1	CA01531	01-31-15

* Expired certification is currently pending renewal and is considered valid.

Method Summary

Client: Engeo, Inc.
Project/Site: Jordan Ranch

TestAmerica Job ID: 720-56413-1

Method	Method Description	Protocol	Laboratory
8260B/CA_LUFTMS	8260B / CA LUFT MS	SW846	TAL PLS
8015B	Nonhalogenated Organic Compounds - Direct Injection (GC)	SW846	TAL IRV
8015B	Diesel Range Organics (DRO) (GC)	SW846	TAL PLS

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL IRV = TestAmerica Irvine, 17461 Derian Ave, Suite 100, Irvine, CA 92614-5817, TEL (949)261-1022

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

Sample Summary

Client: Engeo, Inc.
Project/Site: Jordan Ranch

TestAmerica Job ID: 720-56413-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-56413-1	MW-1	Water	03/28/14 09:26	03/28/14 15:23
720-56413-2	MW-2	Water	03/28/14 10:15	03/28/14 15:23
720-56413-3	MW-4	Water	03/28/14 12:30	03/28/14 15:23
720-56413-4	MW-5	Water	03/28/14 14:45	03/28/14 15:23
720-56413-5	MW-6A	Water	03/28/14 11:30	03/28/14 15:23
720-56413-6	MW-6B	Water	03/28/14 11:00	03/28/14 15:23
720-56413-7	MW-7A	Water	03/28/14 13:35	03/28/14 15:23
720-56413-8	MW-7B	Water	03/28/14 14:00	03/28/14 15:23

Login Sample Receipt Checklist

Client: Engeo, Inc.

Job Number: 720-56413-1

Login Number: 56413

List Source: TestAmerica Pleasanton

List Number: 1

Creator: Gonzales, Justinn

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	False	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

720-56413

CHAIN OF CUSTODY RECORD

152746

PROJECT NUMBER:	PROJECT NAME:
7828.000.001	Jordan Ranch

SAMPLED BY: (SIGNATURE/PRINT)
Richard Gandolfo/ Matt Miller

PROJECT MANAGER:
Morgan Johnson (mjohnson@engeo.com)

ROUTING E-MAIL: mjohnson@engeo.com

Hard Copy: No

SAMPLE NUMBER	DATE	TIME	MATRIX	NUMBER OF CONTAINERS	CONTAINER SIZE	PRESERVATIVE	VOC (8260)	TPH-d/mo (w/silica gel)(8015M/8020)	TPH-g	REMARKS REQUIRED DETECTION LIMITS
MW-1	3/28/14	9:26	GW	10	mixed	HCl/ice	/	/	/	
MW-2	"	10:15	GW	10	mixed	"	/	/	/	
MW-4	"	12:30	GW	10	mixed	"	/	/	/	
MW-5	"	2:45	GW	10	mixed	"	/	/	/	
MW-6A	"	11:50	GW	10	mixed	"	/	/	/	
MW-6B	"	11:05	GW	10	mixed	"	/	/	/	
MW-7A	"	1:35	GW	10	mixed	"	/	/	/	
MW-7B	"	2:00	GW	10	mixed	"	/	/	/	

720-56413 Chain of Custody

RELINQUISHED BY: (SIGNATURE)	DATE/TIME	RECEIVED BY: (SIGNATURE)	RELINQUISHED BY: (SIGNATURE)	DATE/TIME	RECEIVED BY (SIGNATURE)
	3-28-14 3:23				
RELINQUISHED BY: (SIGNATURE)	DATE/TIME	RECEIVED BY (SIGNATURE)	RELINQUISHED BY: (SIGNATURE)	DATE/TIME	RECEIVED BY. (SIGNATURE)
RELINQUISHED BY: (SIGNATURE)	DATE/TIME	RECEIVED FOR LABORATORY BY: (SIGNATURE)	DATE/TIME		

*VOCs must include napthalene, methanol, ethanol, TBA, MTBE, ETBE, TAME and DIPE
*5-day TAT

4.6°c / 3.7°c

ENGEO INCORPORATED
2010 CROW CANYON PL (STE 250)
SAN RAMON, CALIFORNIA 94583
(925) 837-2973 FAX (888) 279-2698
WWW.ENGEO.COM

DISTRIBUTION: ORIGINAL ACCOMPANIES SHIPMENT; COPY TO PROJECT FIELD FILES

Login Sample Receipt Checklist

Client: Engeo, Inc.

Job Number: 720-56413-1

Login Number: 56413
List Number: 1
Creator: Pratt, Amanda K

List Source: TestAmerica Irvine
List Creation: 04/01/14 02:16 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	Received project as a subcontract.
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	