EA Engineering, Science, & Technology, Inc., PBC
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September 22, 2016

Justin Ball
New Mexico Environment Department
Ground Water Quality Bureau
Remediation Oversight Section
5500 San Antonio Dr. NE
Albuquerque, New Mexico 87109

Dear Mr. Ball:

On behalf of Laun-Dry Supply Company, EA Engineering, Science, and Technology, Inc., PBC is submitting the Semi-Annual Groundwater Monitoring & Pilot Test Operation Report for Laun-Dry Supply Company located at 1503 12th Street, Albuquerque, New Mexico. The report discusses the semi-annual groundwater sampling event and soil vapor extraction (SVE) pilot test system operation and maintenance conducted to fulfill requirements of the *Modified Stage 1 Abatement Plan Work Plan* for Laun-Dry Supply Company.

Please let me know if you have any questions regarding the information provided in this report.

Sincerely,

Teri McMillan
Project Manager

Jay Snyder
Senior Hydrogeologist

Enclosure

Cc: Dan March, Laun-Dry Supply Company
Peter V. Domenici, Jr., Esquire, Domenici Law Firm
File

SEMI-ANNUAL GROUNDWATER MONITORING & PILOT TEST OPERATION REPORT LAUN-DRY SUPPLY COMPANY 1503 12TH STREET NW ALBUQUERQUE, NEW MEXICO

Prepared for:

Laun-Dry Supply Company
1503 12th Street NW
Albuquerque, New Mexico

Prepared by:

EA Engineering, Science,
and Technology, Inc., PBC
320 Gold Avenue SW, Suite 1300
Albuquerque, New Mexico 87102

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EA Project No. 1506901 10

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Teri McMillan
Project Manager

9-22-2016
Date

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1.0 INTRODUCTION

On behalf of Laun-Dry Supply Company, EA Engineering, Science, and Technology, Inc., PBC (EA) has prepared this Semi-Annual Groundwater Monitoring and Pilot Test Operation Report for Laun-Dry located at 1503 12th Street NW, Albuquerque, New Mexico. This report was completed in accordance with the *Modified Stage 1 Abatement Plan Work Plan* dated July 3, 2013 and approved by the New Mexico Environment Department (NMED) on July 31, 2013. The Stage 1 Abatement Plan (AP) was prepared to satisfy requirements stated in the New Mexico Administrative Code (NMAC), Title 20, 6.2 §4106 through §4110.

The Laun-Dry facility is located on the northwest corner of 12th Street NW and Aspen Avenue NW in Albuquerque, New Mexico (Figure 1). The Laun-Dry property is approximately 0.5 acre with one building. A railroad spur forms the northwest boundary of the property. The property was developed in approximately 1959 and has been used as a laundry and dry cleaning supply distribution facility. In 1981 an addition was added to the northern portion of the building.

The following scope of work was performed during this monitoring period:

- Gauged 44 monitoring wells, 3 soil vapor extraction (SVE) wells, and 3 observation wells;
- Collected groundwater samples from 44 monitoring wells, 3 SVE wells, and 3 observation wells and analyzed samples for volatile organic compounds (VOCs) using EPA Method 8260B.
- Collected groundwater samples from 4 private irrigation wells and 1 private well system consisting of 2 connected wells and analyzed samples for VOCs using EPA Method 8260B.
- Operated the SVE system intermittently in support of the SVE pilot test; and
- Prepared this Semi-Annual Groundwater Monitoring & Pilot Test Operation Report.

2.0 GROUNDWATER MONITORING ACTIVITIES

Groundwater monitoring activities included sampling wells listed below (Figure 2):

Monitoring Wells Gauged & Sampled					
MW-1	MW-2	MW-3	MW-4	MW-5	MW-6
MW- 6A	MW-6B	MW-6C	MW-6D	MW-6E	MW-6F
MW-6G	MW-6HS	MW-6HD	MW-8	MW-9	MW-10
MW-11	MW-12	MW-14S	MW-14D	MW-15S	MW-15D
MW-16	MW-17	MW-18S	MW-18D	MW-19	SVE-2
SVE-2	SVE-3	OB-1	OB-2	OB-3	BIA-MW-3
New BIA MW- East	MW-4H-01	MW-4H-02	MW-4H-04	MW-4H-06	NI-MW-2
CHMW-E	RayMar-W	RayMar-E	BG-BMW-8	BG-BMW-12	CA-FSY-14
SBM-1	SBM-2				
Private Irrigation Wells Sampled					
Mt. Calvary Cemetery North	Mt. Calvery Cemetery South	Menaul School Well	Sunset Hand Pump Well	Sunset Production Wells	

2.1 Well Gauging

On July 5, 2016, 44 monitoring wells were gauged with an electronic water level indicator. Access issues delayed gauging of wells MW-6D, MW-6G, MW-8, BIA-MW-3, and New BIA-E-MW until July 6, 2016. Wells SBM-1 and SBM-2 were gauged on July 7, 2016. Table 1 provides a summary of the most recent and historical groundwater gauging data collected from the monitoring network. A potentiometric surface map (Figure 3) was constructed based on the most recent data.

Table 2 provides the well construction details for all the groundwater monitoring locations. Monitoring wells MW-6A, MW 6B and MW-6C are completed with two separate screen intervals. All other wells have only one screen interval.

2.2 Groundwater Sampling

Between July 5 and 8, 2016, 50 wells were sampled using either disposable bailers and new disposable twine/rope or low flow sampling method using a decontaminated submersible pump and new disposable tubing. The low flow sampling method was used for the deep wells and the wells containing two screen intervals. Additionally, the tap sampling method was used to sample 4 private irrigation wells and 1 private irrigation well system consisting of 2 connected wells. Sampling method and analysis conducted at each well is provided in Table 3.

To the extent possible, each well was purged of three casing volumes unless it was bailed dry prior to sample collection. The exceptions are those wells sampled utilizing the low-flow and tap methods. During purging, EA measured and recorded on forms multiple field parameters (i.e.,

specific conductance, pH, dissolved oxygen, and temperature). Table 4 summarizes the field parameter measurements. The meters were calibrated and/or checked against a standard in accordance with manufacturer's specifications prior to use.

Well purge water that did not exceed New Mexico Water Quality Control Commission (NMWQCC) standards during the previous sampling event (January 2016) was ground discharged. Purge water from wells that did exceed NMWQCC standards and all decontamination water was placed in a polyethylene tank located at the Laun-Dry facility. The stored water was pumped through a 55-gallon granular activated carbon drum and then ground discharged.

Groundwater samples were collected immediately after purging by carefully pouring groundwater from the bailer into the sample containers provided by Hall Environmental Analysis Laboratory (HEAL). Samples collected utilizing the low-flow method required the careful filling of sample containers from the clean one-time-use discharge tubing. Tap samples were collected immediately after purging by carefully filling the sample containers directly from the tap. Sample containers, preservatives, analytical methods, and holding times are specified in Table 5. All samples were preserved in accordance with method requirements, labeled, then immediately cooled to <6°C with ice and delivered under chain-of-custody to HEAL in Albuquerque, New Mexico. Wells were sampled from clean to dirty to the extent possible to minimize cross-contamination. All equipment was decontaminated between wells with an Alconox™ solution to further ensure sample quality. Copies of field forms are included in Appendix A.

At the time EA sampled wells MW-5, MW-17, and OB-3, NMED collected split samples from the wells for laboratory analysis.

3.0 GROUNDWATER MONITORING RESULTS

3.1 Hydraulic Gradient and Direction of Groundwater Flow

Groundwater elevation continued to rise when compared to the previous monitoring event conducted in January 2016. Hydrographs are provided in Appendix B. The groundwater flow direction is toward the east, and the hydraulic gradient is 0.005 foot per foot. Figure 3 provides the potentiometric surface map.

3.2 Groundwater Analytical Results and Trend Analysis

Tetrachloroethylene (PCE) and daughter products trichloroethylene (TCE), *cis* 1,2-dichloroethene (*cis* 1,2-DCE) and *trans* 1,2- dichloroethene (*trans* 1,2-DCE) are present in groundwater at the site. PCE, TCE, *cis* 1,2-DCE and *trans* 1,2-DCE groundwater concentration maps for the July 2016 event are provided as Figures 4, 5, 6 and 7. A summary of the July 2016 event and historic groundwater analytical results are provided in Table 6. Concentration trends are provided in Appendix C. The analytical laboratory results for this event are included in Appendix D.

3.2.1 PCE Results

During this sampling event, PCE concentrations were above the NMWQCC standard of 20 micrograms per liter (µg/L) in groundwater samples collected from 7 wells (MW-2, MW-3, MW-4, MW-5, MW-6B, OB-2, and SVE-1). PCE standard exceedances extend from the Laun-Dry facility in a down gradient direction approximately 1,000 feet, or just east of well MW-5. As of July 2016, PCE concentrations across the site range from <1.0 µg/L in upgradient and cross-gradient delineating wells to 150 µg/L in well SVE-1 located north of the Laun-Dry building (Figure 4). The upgradient extent of the PCE plume is defined by well MW-16.

PCE concentrations, when compared to the previous monitoring event (January 2016), have increased slightly in wells MW-8, MW-14S, and MW-17. There was also a 50 µg/L increase in PCE concentrations at well OB-2. At other locations, PCE concentrations either decreased or remained relatively unchanged. Decreases in PCE concentrations continue at the Laun-Dry facility in close proximity to the SVE system; with the largest reduction of 74 µg/L occurring in well MW-6B.

3.2.2 TCE Results

During this sampling event, TCE concentrations were at or above the NMWQCC standard of 100 µg/L in samples collected from 14 wells (MW-4, MW-5, MW-6E, MW-6G, MW-6H-S, MW-8, MW-14S, MW-17, OB-3, BG-BMW-12, MW-4H-04, MW-4H-06, RayMar-W, and RayMar-E) (Figure 5). TCE appears to be persistent, with concentrations in the 500 to 700 µg/L range at the RayMar-E and RayMar-W wells located some 3,000 feet down gradient from the Laun-Dry Facility. These elevated concentrations far from the Laun-Dry source area also suggest the possibility of other TCE contributing sources to groundwater.

Wells that exceed the TCE standard are located on the north-eastern boundary of the Laun-Dry facility, on the Rak's Building Supply (Rak's) property, east of Laun-Dry, and down gradient beyond well MW-17. The July 2016 TCE concentrations across the site ranged from <1.0 µg/L in upgradient and cross-gradient delineating wells to 1,100 µg/L in well MW-5 located on the east end of the Rak's property. The TCE plume is present from the north-eastern portion of Laun-Dry to down gradient well MW-17, where the TCE concentration was 220 µg/L during this event.

When compared to the January 2016, the TCE concentrations in groundwater have increased slightly in wells MW-1, MW-6, MW-6C, MW-6D, MW-15D, MW-18S, OB-2, SVE-2, BG-BMW-8, Cemetery North, MW-4H-06, and SBM-1. Concentrations in wells MW-6G and MW-14S have also increased from below to above the NMWQCC standard. The largest TCE increase, from 6.0 to 180 µg/L, was observed in well MW-14S. As represented by well MW-14, TCE concentrations in the area where the *in-situ* bioremediation pilot test was conducted have declined. The largest decrease was observed in well MW-4H-04 which decreased from 840 to 490 µg/L. TCE concentrations decreased or remained relatively stable at all other well locations sampled.

3.2.3 cis 1,2-DCE and trans 1,2- DCE Results

The PCE daughter products *cis* 1,2-DCE and *trans* 1,2- DCE are also present in groundwater east of Laun-Dry. The NMWQCC has not established groundwater standards for *cis* 1,2-DCE or *trans* 1,2- DCE. The highest *cis* 1,2-DCE concentrations during this sampling event were observed in wells MW-4H-04, RayMar-W, and NI-MW-2 with concentrations of 140 µg/L, 120 µg/L, and 120 µg/L, respectively. The highest *trans* 1,2-DCE concentrations during this sampling event were observed in wells RayMar-W and NI-MW-2 with concentrations of 140 µg/L and 130 µg/L, respectively. Overall, c*is* 1,2-DCE and *trans* 1,2- DCE concentrations have remained fairly consistent through time. The most recent data are depicted on Figures 6 and 7.

3.2.4 MTBE and Naphthalene Results

During this monitoring period MTBE was present in wells MW-19, Cemetery North, Cemetery South, CHMW-E, and SBM-1 at concentrations of 3.2 µg/L, 5.7 µg/L, 5.5 µg/L, 6.9 µg/L, and 20 µg/L respectively. These concentrations are well below the Environmental Improvement Board standard of 100 µg/L. MTBE has been detected in well CHMW-E since 2007.

In 2007, total naphthalenes were detected in well MW-10 below the NMWQCC standard of 30 µg/L. Since 2008, total naphthalenes have not been detected in any wells sampled as part of the Laun-Dry monitoring network.

4.0 SVE PILOT TEST PERFORMANCE ASSESSMENT

An SVE pilot test is being conducted at the Laun-Dry facility using four wells: SVE-1, SVE-2, SVE-3, and MW-6B. The SVE system configuration is depicted on Figure 8.

4.1 SVE Pilot Test Operation

Routine tasks conducted in the operation of the SVE Pilot Test are outlined in Table 7. All field data sheets from operation and maintenance (O&M) visits are included in Appendix E, and the system flow rates and photoionization detector (PID) measurements are summarized in Table 8.

The SVE system was operated intermittently during this period to allow for contaminant rebound. The periods of system operation occurred from August 3, 2015 through September 4, 2015, from September 24, 2015 through December 1, 2015, and from January 25, 2016 to July 1, 2016.

4.2 SVE Pilot Test System Performance Evaluation

During this reporting period, the total flow rate ranged from 88 to 129 standard cubic feet per minute (scfm) and averaged approximately 118 scfm. Individual wells varied between 18 and 55 scfm. SVE vapor concentrations have been decreasing since an initial spike at the time of system start up. In fact, vapor concentration in all wells have decreased by more than 99.9% since system start-up. The SVE pilot test system performance is summarized in Table 8.

During the period of operation from January 25, 2016 through July 1, 2016, the SVE system has removed an estimated 10 pounds of PCE and 0.6 pounds of TCE. Since system startup in December 2013, mass removal rates for PCE and TCE have decreased from 2.54 pounds per hour (lb/hr) to 0.004 lb/hr and from 0.016 lb/hr to 0.0002 lb/hrs, respectively. The SVE pilot test system mass removal is summarized in Table 9, and trend plots are provided in Appendix F.

In January 2016, only two wells were in operation (SVE-1 and MW-6B). The conveyance lines for the two wells not in operation (SVE-2 and SVE-3) accumulated water which in turn froze and broke the lines. The lines were repaired on February 9, 2016 and returned to operation.

5.0 CONCLUSIONS AND RECOMMENDATIONS

This groundwater monitoring event included gauging and sampling 44 monitoring wells, 3 SVE wells, and 3 observation wells. EA also sampled 4 private irrigation wells and a system supplied by 2 private wells. Based on the data collected, the following conclusions and recommendations are presented:

- The groundwater flow direction is to the east with a hydraulic gradient of 0.005 foot per foot. The regional groundwater table continues to rise.
- PCE and TCE contamination are above the NMWQCC groundwater standards at Laun-Dry. The PCE and TCE contaminant plumes extend down gradient from the Laun-Dry site approximately 1,100 and 4,500 feet, respectively. There are likely other contributing sources to the overall contaminant plume.
- PCE concentrations in the vicinity of the Laun-Dry facility have decreased significantly since the implementation of the SVE pilot test.
- SVE pilot test system removed approximately 743 pounds of PCE and 18.4 pounds of TCE since start up in December 2013.
- Soil vapor concentrations have remained low at wells SVE-1, SVE-2, SVE-3, and MW-6B.

Based on the groundwater monitoring, the following recommendations are provided:

- Continue to pulse the SVE pilot test system.
- Implement the Stage 2 Abatement Plan.
- Continue semi-annual groundwater monitoring.

TABLES

TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO

Monitoring Well	Date Measured	Northing[a]	Easting[a]	Casing Elevation[b]	Depth to Water[c]	Groundwater Elevation[b]
Laun-Dry Monitoring Wells						
MW-1	7/5/2016	1492872.54	1518256.58	4962.52	26.99	4935.53
	1/13/2016				27.22	4935.30
	6/29/2015				27.89	4934.63
	12/29/2014				28.36	4934.16
	6/17/2014				28.65	4933.87
	12/17/2013				29.01	4933.51
	6/5/2013				29.32	4933.20
	12/5/2012				29.73	4932.79
	4/5/2012				29.93	4932.59
	4/1/2011				30.77	4931.75
	9/2/2009				32.67	4929.85
	1/27/2009				32.39	4930.13
	7/1/2008				32.34	4930.18
	12/19/2007				32.02	4930.50
	5/17/2007				31.78	4930.74
	2/3/2006				31.73	4930.79
	6/23/2005				31.07	4931.45
MW-2	7/5/2016	1492895.82	1518416.13	4962.03	26.90	4935.13
	1/13/2016				27.16	4934.87
	6/29/2015				27.83	4934.20
	12/29/2014				28.30	4933.73
	6/17/2014				28.60	4933.43
	12/17/2013				28.96	4933.07
	6/5/2013				29.28	4932.75
	12/5/2012				29.70	4932.33
	4/5/2012				29.90	4932.13
	4/1/2011				30.73	4931.30
	9/2/2009				32.63	4929.40
	1/27/2009				32.33	4929.70
	7/1/2008				32.33	4929.70
	12/19/2007				31.99	4930.04
	5/17/2007				31.68	4930.35
	2/3/2006				31.70	4930.33
	6/23/2005				31.08	4930.95

TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO

Monitoring Well	Date Measured	Northing[a]	Easting[a]	Casing Elevation[b]	Depth to Water[c]	Groundwater Elevation[b]
MW-3	7/5/2016	1492988.11	1518388.45	4963.10	27.90	4935.20
	1/13/2016				28.18	4934.92
	6/29/2015				28.82	4934.28
	12/29/2014				29.32	4933.78
	6/17/2014				29.60	4933.50
	12/17/2013				29.98	4933.12
	6/5/2013				30.30	4932.80
	12/5/2012				30.71	4932.39
	4/5/2012				30.91	4932.19
	4/1/2011				31.78	4931.32
	9/2/2009				33.68	4929.42
	1/27/2009				33.20	4929.90
	7/1/2008				33.24	4929.86
	12/19/2007				33.02	4930.08
	5/17/2007				32.70	4930.40
	2/3/2006				32.73	4930.37
	6/23/2005				32.10	4931.00
MW-4	7/5/2016	1492991.23	1518598.49	4961.27	26.62	4934.65
	1/13/2016				26.90	4934.37
	6/29/2015				27.58	4933.69
	12/29/2014				28.07	4933.20
	6/17/2014				28.40	4932.87
	12/17/2013				28.80	4932.47
	6/5/2013				29.13	4932.14
	12/5/2012				29.59	4931.68
	4/5/2012				29.81	4931.46
	4/1/2011				30.42	4930.85
	9/2/2009				32.76	4928.51
	1/27/2009				32.43	4928.84
	7/1/2008				32.47	4928.80
	12/19/2007				32.90	4928.37
	5/17/2007				31.74	4929.53
	2/3/2006				31.76	4929.51
	6/23/2005				31.15	4930.12

TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO

Monitoring Well	Date Measured	Northing[a]	Easting[a]	Casing Elevation[b]	Depth to Water[c]	Groundwater Elevation[b]
MW-5	7/5/2016	1493006.21	1519335.79	4961.54	28.55	4932.99
	1/13/2016				28.84	4932.70
	6/29/2015				29.58	4931.96
	12/29/2014				30.12	4931.42
	6/17/2014				30.56	4930.98
	12/17/2013				31.05	4930.49
	6/5/2013				31.40	4930.14
	12/5/2012				31.90	4929.64
	4/3/2012				32.20	4929.34
	3/31/2011				33.05	4928.49
	9/2/2009				35.18	4926.36
	1/27/2009				Damaged. Not Measured	
	7/1/2008				Damaged. Not Measured	
	12/19/2007				Damaged. Not Measured	
	5/17/2007				33.74	4927.80
	2/3/2006				33.77	4927.77
	6/23/2005				33.29	4928.25
MW-6	7/5/2016	1493050.00	1518443.59	4962.75	27.62	4935.13
	1/13/2016				27.86	4934.89
	6/29/2015				28.53	4934.22
	12/29/2014				29.02	4933.73
	6/17/2014				29.35	4933.40
	12/17/2013				29.71	4933.04
	6/5/2013				30.05	4932.70
	12/5/2012				30.46	4932.29
	4/5/2012				30.68	4932.07
	4/1/2011				31.54	4931.21
	9/2/2009				33.49	4929.26
	1/27/2009				33.20	4929.55
	7/1/2008				33.16	4929.59
	12/19/2007				32.81	4929.94
	5/17/2007				32.51	4930.24
	2/3/2006				32.53	4930.22
	6/23/2005				31.89	4930.86
MW-6A	7/5/2016	1492965.59	1518408.29	4962.65	27.50	4935.15
	1/13/2016				27.75	4934.90
	6/29/2015				28.40	4934.25
	12/29/2014				28.90	4933.75
	6/17/2014				29.18	4933.47
	12/17/2013				29.54	4933.11
	6/5/2013				29.88	4932.77
	12/5/2012				30.29	4932.36
	4/5/2012				30.47	4932.18

TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO

Monitoring Well	Date Measured	Northing[a]	Easting[a]	Casing Elevation[b]	Depth to Water[c]	Groundwater Elevation[b]
MW-6B	7/5/2016	1492985.86	1518344.45	4961.48	26.12	4935.36
	1/13/2016				26.35	4935.13
	6/29/2015				27.02	4934.46
	12/29/2014				27.50	4933.98
	6/17/2014				27.79	4933.69
	12/17/2013				28.17	4933.31
	6/5/2013				28.50	4932.98
	12/5/2012				28.91	4932.57
	4/5/2012				29.12	4932.36
MW-6C	7/5/2016	1493011.46	1518549.65	4960.78	25.95	4934.83
	1/13/2016				26.23	4934.55
	6/29/2015				26.90	4933.88
	12/29/2014				27.40	4933.38
	6/17/2014				27.72	4933.06
	12/17/2013				28.12	4932.66
	6/5/2013				28.44	4932.34
	12/5/2012				28.89	4931.89
	4/5/2012				29.13	4931.65
MW-6D	7/6/2016	1493220.50	1519327.32	4961.68	28.69	4932.99
	1/13/2016				29.06	4932.62
	6/29/2015				29.81	4931.87
	12/29/2014				30.41	4931.27
	6/17/2014				30.84	4930.84
	12/17/2013				31.31	4930.37
	6/5/2013				31.65	4930.03
	12/5/2012				32.20	4929.48
	4/4/2012				32.44	4929.24
MW-6E	7/5/2016	1493215.95	1519879.10	4963.54	31.86	4931.68
	1/13/2016				32.22	4931.32
	6/29/2015				32.98	4930.56
	12/29/2014				33.57	4929.97
	6/17/2014				34.08	4929.46
	12/17/2013				34.60	4928.94
	6/5/2013				34.95	4928.59
	12/5/2012				35.50	4928.04
	4/4/2012				35.80	4927.74

TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO

Monitoring Well	Date Measured	Northing[a]	Easting[a]	Casing Elevation[b]	Depth to Water[c]	Groundwater Elevation[b]
MW-6F	7/5/2016	1493428.38	1519879.10	4963.27	32.09	4931.18
	1/13/2016				32.49	4930.78
	6/29/2015				33.27	4930.00
	12/29/2014				33.85	4929.42
	6/17/2014				34.36	4928.91
	12/17/2013				34.87	4928.40
	6/5/2013				35.18	4928.09
	12/5/2012				35.75	4927.52
	4/3/2012				36.05	4927.22
MW-6G	7/6/2016	1492938.36	1520252.21	4963.65	33.75	4929.90
	1/15/2016				34.07	4929.58
	6/29/2015				Inaccessable. Not Measured	
	12/29/2014				35.57	4928.08
	6/19/2014				36.41	4927.24
	12/17/2013				Inaccessable. Not Measured	
	6/5/2013				36.95	4926.70
	12/5/2012				Inaccessable. Not Measured	
	4/4/2012				37.83	4925.82
MW-6H-S	7/5/2016	1492889.50	1520897.30	4961.95	34.36	4927.59
	1/13/2016				34.87	4927.08
	6/29/2015				35.67	4926.28
	12/29/2014				36.44	4925.51
	6/17/2014				36.90	4925.05
	12/17/2013				37.68	4924.27
	6/5/2013				37.85	4924.10
	12/5/2012				38.69	4923.26
	4/3/2012				38.88	4923.07
MW-6H-D	7/5/2016	1492889.50	1520897.30	4962.23	34.70	4927.53
	1/13/2016				35.20	4927.03
	6/29/2015				36.00	4926.23
	12/29/2014				36.77	4925.46
	6/17/2014				37.22	4925.01
	12/17/2013				38.02	4924.21
	6/5/2013				38.19	4924.04
	12/5/2012				39.00	4923.23
	4/3/2012				39.18	4923.05

TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO

Monitoring Well	Date Measured	Northing[a]	Easting[a]	Casing Elevation[b]	Depth to Water[c]	Groundwater Elevation[b]
MW-8	7/6/2016	1493135.09	1519404.72	4962.84	29.64	4933.20
	1/13/2016				29.95	4932.89
	6/29/2015				30.66	4932.18
	12/29/2014				31.24	4931.60
	6/17/2014				31.70	4931.14
	12/17/2013				32.16	4930.68
	6/5/2013				32.53	4930.31
	12/5/2012				33.04	4929.80
	4/4/2012				33.32	4929.52
	3/31/2011				34.23	4928.61
	9/2/2009				36.35	4926.49
	1/27/2009				35.98	4926.86
	7/1/2008				35.93	4926.91
	12/19/2007				35.73	4927.11
	5/17/2007				36.43	4926.41
MW-9	7/5/2016	1493231.12	1518598.22	4965.01	30.33	4934.68
	1/13/2016				30.60	4934.41
	6/29/2015				31.30	4933.71
	12/29/2014				31.81	4933.20
	6/17/2014				32.17	4932.84
	12/17/2013				32.58	4932.43
	6/5/2013				32.60	4932.41
	12/5/2012				33.35	4931.66
	4/4/2012				33.62	4931.39
	3/31/2011				34.51	4930.50
	9/2/2009				36.58	4928.43
	1/27/2009				36.25	4928.76
	7/1/2008				36.27	4928.74
	12/19/2007				35.86	4929.15
	5/17/2007				35.55	4929.46

TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO

Monitoring Well	Date Measured	Northing[a]	Easting[a]	Casing Elevation[b]	Depth to Water[c]	Groundwater Elevation[b]
MW-10	7/5/2016	1492504.37	1518895.37	4962.11	28.05	4934.06
	1/13/2016				28.34	4933.77
	6/29/2015				29.02	4933.09
	12/29/2014				29.52	4932.59
	6/17/2014				29.82	4932.29
	12/17/2013				30.23	4931.88
	6/5/2013				30.53	4931.58
	12/5/2012				31.00	4931.11
	4/4/2012				31.21	4930.90
	3/31/2011				32.07	4930.04
	9/2/2009				34.04	4928.07
	1/27/2009				33.71	4928.40
	7/1/2008				33.43	4928.68
	12/19/2007				33.23	4928.88
	5/17/2007				33.03	4929.08
MW-11	7/5/2016	1492736.75	1518512.71	4961.56	26.56	4935.00
	1/13/2016				26.83	4934.73
	6/29/2015				27.53	4934.03
	12/29/2014				27.99	4933.57
	6/17/2014				28.29	4933.27
	12/17/2013				28.67	4932.89
	6/5/2013				29.01	4932.55
	12/5/2012				29.41	4932.15
	4/4/2012				29.61	4931.95
	4/1/2011				30.43	4931.13
	9/2/2009				32.32	4929.24
	1/27/2009				32.02	4929.54
	7/1/2008				31.99	4929.57
	12/19/2007				31.69	4929.87
	5/17/2007				31.38	4930.18

TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO

Monitoring Well	Date Measured	Northing[a]	Easting[a]	Casing Elevation[b]	Depth to Water[c]	Groundwater Elevation[b]
MW-12	7/5/2016	1493206.94	1518734.96	4964.89	30.58	4934.31
	1/13/2016				30.83	4934.06
	6/29/2015				31.55	4933.34
	12/29/2014				32.07	4932.82
	6/17/2014				32.44	4932.45
	12/17/2013				32.86	4932.03
	6/5/2013				33.20	4931.69
	12/5/2012				33.65	4931.24
	4/4/2012				33.94	4930.95
	3/31/2011				34.85	4930.04
	9/2/2009				36.91	4927.98
	1/27/2009				36.57	4928.32
	7/1/2008				36.62	4928.27
	12/19/2007				36.21	4928.68
	5/17/2007				35.88	4929.01
MW-14S	7/5/2016	1492976.53	1518700.04	4960.57	26.32	4934.25
	1/13/2016				24.94	4935.63
	6/29/2015				27.13	4933.44
	12/29/2014				27.60	4932.97
	6/17/2014				27.99	4932.58
	12/17/2013				28.21	4932.36
	6/5/2013				29.74	4930.83
	12/5/2012				29.23	4931.34
	4/5/2012				29.45	4931.12
	4/1/2011				30.36	4930.21
	9/2/2009				32.35	4928.22
	1/27/2009				32.04	4928.53
	7/1/2008				32.09	4928.48
	12/19/2007				31.71	4928.86
	5/17/2007				31.37	4929.20

TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO

Monitoring Well	Date Measured	Northing[a]	Easting[a]	Casing Elevation[b]	Depth to Water[c]	Groundwater Elevation[b]
MW-14D	7/5/2016	1492982.41	1518679.64	4960.71	26.28	4934.43
	1/13/2016				26.15	4934.56
	6/29/2015				27.53	4933.18
	12/29/2014				27.54	4933.17
	6/17/2014				28.10	4932.61
	12/17/2013				28.23	4932.48
	6/5/2013				28.87	4931.84
	12/5/2012				29.29	4931.42
	4/5/2012				29.52	4931.19
	4/1/2011				30.40	4930.31
	9/2/2009				32.47	4928.24
	1/27/2009				32.08	4928.63
	7/1/2008				32.15	4928.56
	12/19/2007				31.68	4929.03
	5/17/2007				31.61	4929.10
MW-15S	7/5/2016	1492936.04	1518860.35	4961.34	27.40	4933.94
	1/13/2016				27.67	4933.67
	6/29/2015				28.38	4932.96
	12/29/2014				28.89	4932.45
	6/17/2014				29.27	4932.07
	12/17/2013				29.69	4931.65
	6/5/2013				30.02	4931.32
	12/5/2012				29.51	4931.83
	4/5/2012				30.75	4930.59
	4/1/2011				31.67	4929.67
	9/2/2009				33.69	4927.65
	1/27/2009				33.34	4928.00
	7/1/2008				33.45	4927.89
	12/19/2007				33.05	4928.29
	5/17/2007				32.71	4928.63

TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO

Monitoring Well	Date Measured	Northing[a]	Easting[a]	Casing Elevation[b]	Depth to Water[c]	Groundwater Elevation[b]
MW-15D	7/5/2016	1492941.22	1518850.93	4960.90	26.97	4933.93
	1/13/2016				27.23	4933.67
	6/29/2015				27.94	4932.96
	12/29/2014				28.45	4932.45
	6/17/2014				28.84	4932.06
	12/17/2013				29.27	4931.63
	6/5/2013				29.60	4931.30
	12/5/2012				29.10	4931.80
	4/4/2012				30.30	4930.60
	4/1/2011				31.19	4929.71
	9/2/2009				33.27	4927.63
	1/27/2009				32.89	4928.01
	7/1/2008				33.07	4927.83
	12/19/2007				32.60	4928.30
	5/17/2007				32.39	4928.51
MW-16	7/5/2016	1492861.47	1518127.50	4961.54	25.76	4935.78
	1/13/2016				25.99	4935.55
	6/29/2015				26.64	4934.90
	12/29/2014				27.11	4934.43
MW-17	7/5/2016	1493517.82	1523062.79	4968.84	50.46	4918.38
	1/13/2016				51.49	4917.35
	6/29/2015				53.20	4915.64
	12/29/2014				54.64	4914.20
MW-18S	7/5/2016	1492985.72	1523191.98	4971.29	53.03	4918.26
	1/13/2016				53.85	4917.44
	6/29/2015				55.02	4916.27
	12/29/2014				56.28	4915.01
MW-18D	7/5/2016	14929885.17	1523201.02	4971.13	52.75	4918.38
	1/13/2016				53.34	4917.79
	6/29/2015				54.69	4916.44
	1/16/2015				56.15	4914.98
MW-19	7/5/2016	1492086.91	1522968.77	4963.78	45.16	4918.62
	1/13/2016				46.01	4917.77
	6/29/2015				47.11	4916.67
	12/29/2014				48.48	4915.30

TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO

Monitoring Well	Date Measured	Northing[a]	Easting[a]	Casing Elevation[b]	Depth to Water[c]	Groundwater Elevation[b]
OB-1	7/5/2016	1493034.23	1518416.61	4963.52	28.26	4935.26
	1/13/2016				28.51	4935.01
	6/29/2015				29.18	4934.34
	12/29/2014				29.64	4933.88
OB-2	7/5/2016	1493010.03	1518559.68	4961.92	27.06	4934.86
	1/13/2016				27.31	4934.61
	6/29/2015				28.00	4933.92
	12/29/2014				28.49	4933.43
OB-3	7/5/2016	1492974.24	1518709.47	4961.07	26.66	4934.41
	1/13/2016				26.89	4934.18
	6/29/2015				27.59	4933.48
	2/25/2015				27.91	4933.16
SVE-1	7/5/2016	1492963.47	1518419.42	4962.95	27.73	4935.22
	1/13/2016				27.98	4934.97
	6/29/2015				28.64	4934.31
	12/29/2014				29.12	4933.83
	6/17/2014				29.43	4933.52
SVE-2	7/5/2016	1493032.97	1518426.49	4963.25	28.06	4935.19
	1/13/2016				28.32	4934.93
	6/29/2015				28.98	4934.27
	12/29/2014				29.45	4933.80
	6/17/2014				29.78	4933.47
SVE-3	7/5/2016	1492929.44	1518287.81	4961.91	26.31	4935.60
	1/13/2016				26.60	4935.31
	6/29/2015				27.24	4934.67
	12/29/2014				27.72	4934.19
	6/17/2014				28.02	4933.89
Various Other Site Monitoring Wells						
BIA-MW-1	6/29/2015	1493278.79	1519248.30	4959.25	29.84	4929.41
	12/29/2014				30.41	4928.84
	6/17/2014				Not Measured	
	12/17/2013				31.31	4927.94
	6/5/2013				Not Measured	
	12/5/2012				Not Measured	
	4/4/2012				Not Measured	
	3/31/2011				30.77	4928.48
	Recovered				Not Measured	
	9/2/2009				33.34	4926.35
	1/28/2009				Not Measured	
	7/1/2008				Not Measured	
	12/19/2007				35.47	4923.78
	5/17/2007				34.55	4924.70

TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO

Monitoring Well	Date Measured	Northing[a]	Easting[a]	Casing Elevation[b]	Depth to Water[c]	Groundwater Elevation[b]
BIA-MW-3	7/6/2016	1493411.10	1519100.76	4964.28	30.86	4933.42
	1/13/2016				31.16	4933.12
	6/29/2015				31.89	4932.39
	12/29/2014				32.45	4931.83
	6/17/2014				32.84	4931.44
	12/17/2013				33.31	4930.97
	6/5/2013				33.65	4930.63
	12/5/2012				34.18	4930.10
	4/4/2012				34.44	4929.84
	3/31/2011				35.38	4928.90
	9/2/2009				37.51	4926.77
	1/28/2009				36.65	4927.63
	7/1/2008				37.05	4927.23
	12/19/2007				36.84	4927.44
	5/17/2007				36.55	4927.73
New BIA-E MW	7/6/2016	1493196.02	1519433.06	4962.98	30.31	4932.67
	1/13/2016				30.59	4932.39
	6/29/2015				31.32	4931.66
	12/29/2014				31.90	4931.08
	6/17/2014				32.38	4930.60
	12/17/2013				32.85	4930.13
	6/5/2013				33.22	4929.76
	12/5/2012				33.73	4929.25
	4/4/2012				34.01	4928.97
	5/31/2011				34.92	4928.06
	9/2/2009				37.05	4925.93
	1/28/2009				36.65	4926.33
	7/1/2008				36.41	4926.57
	12/19/2007				Not Measured	
BG-BMW-1	6/17/2014			4959.99	Well Destroyed	
	12/17/2013				Could Not Locate	
	6/5/2013				40.90	4919.09
	12/5/2012				41.90	4918.09
	4/3/2012				Not Measured	
	4/1/2011				42.96	4917.03
	9/2/2009				45.49	4915.55
	1/28/2009				44.00	4915.99
	7/1/2008				44.47	4915.52
	12/19/2007				44.05	4915.94
	5/17/2007				44.64	4915.35

TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO

Monitoring Well	Date Measured	Northing[a]	Easting[a]	Casing Elevation[b]	Depth to Water[c]	Groundwater Elevation[b]
BG-BMW-8	7/5/2016	1492831.97	1521600.758	4960.97	36.22	4924.75
	1/13/2016				36.88	4924.09
	6/29/2015				37.74	4923.23
	12/29/2014				38.68	4922.29
	6/17/2014				39.16	4921.81
	12/17/2013				40.15	4920.82
BG-BMW-12	7/5/2016	1492946.04	1521291.41	4961.89	35.98	4925.91
	1/13/2016				36.57	4925.32
	6/29/2015				37.45	4924.44
	12/29/2014				38.33	4923.56
	6/17/2014				38.81	4923.08
	12/17/2013				39.69	4922.20
	6/5/2013				39.85	4922.04
	12/5/2012				40.82	4921.07
	4/3/2012				40.94	4920.95
	4/1/2011				41.97	4919.92
	9/2/2009				44.34	4917.55
	1/28/2009				45.09	4916.80
	7/1/2008				Inaccessable. Not Measured	
	12/19/2007				45.18	4916.71
	5/17/2007				43.49	4918.4
CA-FSY-14	7/5/2016	1492635.52	1520970.42	4962.78	35.25	4927.53
	1/13/2016				35.78	4927.00
	6/29/2015				36.56	4926.22
	12/29/2014				37.31	4925.47
	6/17/2014				37.75	4925.03
	12/17/2013				38.54	4924.24
CHMW-E	7/5/2016	1493521.74	1520938.70	4962.33	35.27	4927.06
	1/13/2016				35.85	4926.48
	6/29/2015				36.67	4925.66
	12/29/2014				37.42	4924.91
	6/18/2014				37.71	4924.62
	12/17/2013				38.69	4923.64
	6/5/2013				38.91	4923.42
	12/5/2012				39.72	4922.61
	4/3/2012				39.97	4922.36
	4/1/2011				41.07	4921.26
	9/2/2009				43.14	4919.19
	1/28/2009				42.85	4919.48
	7/1/2008				43.09	4919.24
	12/19/2007				42.78	4919.55
	5/17/2007				42.35	4919.98

TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO

Monitoring Well	Date Measured	Northing[a]	Easting[a]	Casing Elevation[b]	Depth to Water[c]	Groundwater Elevation[b]
MW-4H-01	7/5/2016	1492661.55	1520401.76	4962.90	33.28	4929.62
	1/13/2016				33.74	4929.16
	6/29/2015				34.41	4928.49
	12/29/2014				35.09	4927.81
	6/17/2014				35.91	4926.99
	12/17/2013				36.28	4926.62
MW-4H-02	7/5/2016	1492458.91	1520137.72	4962.73	32.34	4930.39
	1/13/2016				32.79	4929.94
	6/29/2015				33.50	4929.23
	12/29/2014				34.15	4928.58
	6/17/2014				34.59	4928.14
	12/17/2013				35.23	4927.50
MW-4H-04	7/5/2016	1493078.70	1519875.46	4963.00	31.88	4931.12
	1/13/2016				32.22	4930.78
	6/29/2015				32.98	4930.02
	12/29/2014				33.55	4929.45
	6/17/2014				34.06	4928.94
	12/17/2013				34.60	4928.40
	6/5/2013				34.94	4928.06
	12/5/2012				35.52	4927.48
	4/3/2012				37.71	4925.29
	4/1/2011				38.83	4924.17
	9/2/2009				38.44	4924.56
	1/28/2009				38.53	4924.47
	7/1/2008				38.23	4924.77
	12/19/2007				37.96	4925.04
	5/17/2007				Not Measured	
MW-4H-06	7/5/2016	1493016.51	1521058.02	4961.16	34.25	4926.91
	1/13/2016				34.80	4926.36
	6/29/2015				35.66	4925.50
	12/29/2014				36.47	4924.69
	6/17/2014				36.97	4924.19
	12/17/2013				37.79	4923.37

TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO

Monitoring Well	Date Measured	Northing[a]	Easting[a]	Casing Elevation[b]	Depth to Water[c]	Groundwater Elevation[b]
NI-MW-2	7/5/2016	1493125.60	1520049.81	4962.74	32.48	4930.26
	1/13/2016				32.84	4929.90
	6/29/2015				33.43	4929.31
	12/29/2014				34.25	4928.49
	6/17/2014				34.77	4927.97
	12/17/2013				35.35	4927.39
	6/5/2013				35.64	4927.10
	12/5/2012				36.22	4926.52
	4/3/2012				36.52	4926.22
	4/1/2011				37.39	4925.35
	9/2/2009				39.51	4923.23
	1/28/2009				39.22	4923.52
	7/1/2008				39.36	4923.38
	12/19/2007				38.69	4924.05
	5/17/2007				Not Measured	
RayMar -W	7/5/2016	1493133.53	1521195.91	4962.78	36.40	4926.38
	1/13/2016				36.97	4925.81
	6/29/2015				37.85	4924.93
	12/29/2014				38.72	4924.06
	6/17/2014				39.17	4923.61
	12/17/2013				39.99	4922.79
	6/5/2013				40.22	4922.56
	12/5/2012				Inaccessable. Not Measured	
	4/2/2012				41.24	4921.54
	3/31/2011				42.31	4920.47
	9/2/2009				44.54	4918.24
	1/28/2009				44.23	4918.55
	7/1/2008				44.68	4918.10
	12/19/2007				44.26	4918.52
	5/17/2007				43.68	4919.10
RayMar -E	7/5/2016	1493130.46	1521306.83	4962.94	37.21	4925.73
	1/13/2016				37.67	4925.27
	6/29/2015				38.42	4924.52
	12/29/2014				39.49	4923.45
	6/17/2014				40.02	4922.92
	12/17/2013				40.95	4921.99

TABLE 1. SUMMARY OF MONITORING WELL FLUID GAUGING DATA
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO

Monitoring Well	Date Measured	Northing[a]	Easting[a]	Casing Elevation[b]	Depth to Water[c]	Groundwater Elevation[b]
SBM-1	7/7/2016	1492887.91	1524401.46	4995.03	87.75	4907.28
	1/14/2016				86.18	4908.85
	7/2/2015				89.48	4905.55
	1/5/2015				89.60	4905.43
SBM-2	7/7/2016	1492885.10	1524417.29	4995.61	86.32	4909.29
	1/14/2016				86.57	4909.04
	7/2/2015				89.51	4906.10
	1/5/2015				89.95	4905.66

NOTES:

[a] = Horizontal control to NM State Plane Coordinates Central NAD83 Grid Coordinates (in feet)

[b] = Vertical Control to NAVD88 Datum in feet above mean sea level

[c] = Measured in feet below the top of casing at survey point on north side of well

TABLE 2. WELL CONSTRUCTION DETAILS
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO

Well	Date Installed	Type	Site	Northing[1]	Easting[1]	Casing Diameter (inches)	Top of Casing (feet amsl)	Total Depth (feet bgs)	Screen Interval (feet bgs)
Laun-Dry Monitoring Wells									
MW-1	9/24/2003	Water Table Well	Laun-Dry	1492872.54	1518256.58	2	4962.52	45.5	30 - 45
MW-2	9/24/2003	Water Table Well	Laun-Dry	1492895.82	1518416.13	2	4962.03	45.5	30 - 45
MW-3	9/25/2003	Water Table Well	Laun-Dry	1492988.82	1518388.45	2	4963.10	43	28 - 43
MW-4	6/20/2005	Water Table Well	Laun-Dry	1492991.23	1518598.49	2	4961.27	43	28 - 43
MW-5	6/20/2005	Water Table Well	Laun-Dry	1493006.21	1519335.79	2	4961.54	43	28 - 43
MW-6	6/20/2005	Water Table Well	Laun-Dry	1492872.54	1518443.59	2	4962.75	43	28 - 43
MW-6A	3/19/2012	Water Table/Vapor Well	Laun-Dry	1492965.59	1518408.39	4	4962.65	48	10 - 30 and 43 - 48
MW-6B	3/20/2012	Water Table/Vapor Well	Laun-Dry	1492985.87	1518344.45	4	4961.48	48	10 - 30 and 43 - 48
MW-6C	3/21/2012	Water Table/Vapor Well	Laun-Dry	1493011.46	1518549.65	4	4960.78	45	8 - 28 and 40 - 45
MW-6D	3/26/2012	Water Table Well	Laun-Dry	1493220.50	1519327.32	2	4961.68	43	23-43
MW-6E	3/23/2012	Water Table Well	Laun-Dry	1493215.95	1519719.48	2	4963.54	45	30-45
MW-6F	3/23/2012	Water Table Well	Laun-Dry	1493428.38	1519879.10	2	4963.27	45	25-45
MW-6G	3/26/2012	Water Table Well	Laun-Dry	1492938.36	1520252.21	2	4963.65	43	23-43
MW-6HS	3/22/2012	Nested Water Table Well	Laun-Dry	1492889.50	1520897.30	2	4961.95	44	29-44
MW-6HD	3/22/2012	Nested Deep Well	Laun-Dry	1492889.50	1520897.30	2	4962.23	54	49-54
MW-8	5/9/2007	Water Table Well	Laun-Dry	1493135.09	1519404.72	2	4962.84	51	31 - 46
MW-9	5/9/2007	Water Table Well	Laun-Dry	1493231.12	158598.22	2	4965.01	51	31 - 46
MW-10	4/23/2007	Water Table Well	Laun-Dry	1492504.37	1518895.37	2	4962.11	48	33 - 48
MW-11	4/16/2007	Water Table Well	Laun-Dry	1492736.75	1518512.71	2	4961.56	45	30 - 45
MW-12	4/23/2007	Water Table Well	Laun-Dry	1493206.94	1518734.96	2	4964.89	53	33 - 48
MW-14S	4/19/2007	Water Table Well	Laun-Dry	1492976.53	1518700.04	2	4960.57	48	33 - 45
MW-14D	4/19/2007	Deep Well	Laun-Dry	1492983.41	1518679.64	2	4960.71	88	78 - 83
MW-15S	4/24/2007	Water Table Well	Laun-Dry	1492936.04	1518860.35	2	4961.34	48	33 - 45
MW-15D	5/8/2007	Deep Well	Laun-Dry	1492941.22	1518850.93	2	4960.90	78	68 -73
MW-16	12/11/2014	Water Table Well	Laun-Dry	1492861.47	1518127.50	2	4961.54	43	23 -43
MW-17	12/9/2014	Water Table Well	Laun-Dry	1493517.82	1523062.79	2	4968.84	70	50 -70
MW-18S	12/16/2014	Water Table Well	Laun-Dry	1492985.72	1523191.98	2	4971.29	72	52 -72
MW-18D	1/16/2015	Deep Well	Laun-Dry	14929885.17	1523201.02	4	4971.13	187.5	180-185
MW-19	12/11/2014	Water Table Well	Laun-Dry	1492086.91	1522968.77	2	4963.78	65	45 -65
OB-1	12/17/2014	Observation Well	Laun-Dry	1493034.23	1518416.61	2	4963.52	49	29 -49
OB-2	12/17/2014	Observation Well	Laun-Dry	1493010.03	1518559.68	2	4961.92	49	29 -49
OB-3	1/27/2015	Observation Well	Laun-Dry	1492974.24	1518709.47	2	4961.07	49	29 - 49
SVE-1	9/4/2013	Vapor Extraction Well	Laun-Dry	1492963.47	1518419.42	2	4962.95	40	10 - 40
SVE-2	9/6/2013	Vapor Extraction Well	Laun-Dry	1493032.97	1518426.49	2	4963.25	39	9 - 39
SVE-3	9/4/2013	Vapor Extraction Well	Laun-Dry	1492929.44	1518287.81	2	4961.91	40	10 - 40

TABLE 2. WELL CONSTRUCTION DETAILS
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO

Well	Date Installed	Type	Site	Northing[1]	Easting[1]	Casing Diameter (inches)	Top of Casing (feet amsl)	Total Depth (feet bgs)	Screen Interval (feet bgs)
Various Other Site Monitoring Wells									
BIA-MW-1	6/17/1999	Water Table Well	BIA SPA Maintenance Yard	1493278.79	1519248.30	3/4	4961.82	45	Unknown
BIA-MW-3	6/17/1999	Water Table Well	BIA SPA Maintenance Yard	1493411.10	1519100.76	2	4964.28	45	Unknown
New BIA-E-MW	Unknown	Unknown	BIA SPA Maintenance Yard	1493196.02	1519433.06	2	4962.98	?	Unknown
BG-BMW-1	11/4/1992	Water Table Well	PSTB State Lead	Destroyed		2		47	37 - 47
BG-BMW-8	7/28/1993	Water Table Well	PSTB State Lead	1492831.97	1521600.76	2	4960.97	47	37 - 47
BG-BMW-9	7/29/1993	Plugged and Abandoned	PSTB State Lead	NA	NA	NA	NA	47	37 - 47
BG-BMW-12	8/3/1993	Water Table Well	PSTB State Lead	1492946.04	152191.41	2	4961.89	47	37 - 47
Mt. Calvary Cemetery North	2/7/2003	Irrigation Well	Catholic Cemetary Association	NM	NM	12	Unknown	290	230 - 270
Mt. Calvary Cemetery South	2/7/2003	Irrigation Well	Catholic Cemetary Association	NM	NM	12	Unknown	290	230 - 270
CHMW- E	10/1/1997	Water Table Well	Childers Manufacturing Facility	1493521.74	1520938.70	2	4962.33	53	38 - 53
NI-MW-2	Unknown	Unknown	Haines and 7th Street	1493125.60	1520049.81	2	4962.74	Unknown	Unknown
RayMar-W	Unknown	Unknown	Ray's Automotive and Machine Shop	1493133.53	1521195.91	2	4962.78	Unknown	Unknown
RayMar-E	Unknown	Unknown	Ray's Automotive and Machine Shop	1493130.46	1521306.83	2	4962.94	Unknown	Unknown
CA-FSY-14	Unknown	Water Table Well	City of Albuquerque 4th Street Yard	1492635.52	1520970.42	2	4962.78	Unknown	Unknown
MW-4H-01	6/28/2000	Water Table Well	NMED Superfund	1492661.55	1520401.76	2	4962.90	56	36 - 56
MW-4H-02	6/26/2000	Water Table Well	NMED Superfund	1492458.91	1520137.72	2	4962.73	56	36 - 56
MW-4H-03	6/26/2000	Water Table Well	NMED Superfund	Destroyed				56	36 - 56
MW-4H-04	6/27/2000	Water Table Well	NMED Superfund	1493078.70	1519875.46	2	4963.00	55	35 - 55
MW-4H-06	6/28/2000	Water Table Well	NMED Superfund	1493016.51	1521058.02	2	4961.16	58	38 - 58
SBM-1	1991	Deep Well	City of Albuquerque	1492887.91	1524401.46	4	4995.03	150	135 - 145
SBM-2	1991	Water Table Well	City of Albuquerque	1492885.10	1524417.29	4	4995.61	96	71 - 91
Sunset Memorial Production Well	1980	Irrigation Well	Sunset Memorial Cemetary	NM	NM	12	NM	284	207 - 247 & 246 - 268
Sunset Memorial Production Well	1990	Irrigation Well	Sunset Memorial Cemetary	NM	NM	10	NM	325?	220 - 260 & 300 - 320

NOTES:
[1] = NM State Plane Coordinates (NAD 83/ NAVD 88). Nested wells MW-6HD and MW-6HS were not distinguished in the survey data.
Screen interals for MW-1, MW-4H-01, and MW-4H-06 were estimated based on the total depth measured during pump test activities.
amsl = above mean sea level
bgs = below ground surface
BIA = Bureau of Indian Affairs
NA = not applicable
NM = Not Measured
NMED = New Mexico Environment Department
PSTB = Petroleum Storage Tank Bureau
SPA = Southern Pueblos Agency

TABLE 3. SUMMARY OF SAMPLING METHOD AND ANALYSIS
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO

Well	Sampling Method	Sample Analysis
Laun-Dry Monitoring Wells		
MW-1	Disposable Bailer and New Twine/Rope	VOC - 8260B
MW-2	Disposable Bailer and New Twine/Rope	VOC - 8260B
MW-3	Disposable Bailer and New Twine/Rope	VOC - 8260B
MW-4	Disposable Bailer and New Twine/Rope	VOC - 8260B
MW-5	Disposable Bailer and New Twine/Rope	VOC - 8260B
MW-6	Disposable Bailer and New Twine/Rope	VOC - 8260B
MW-6A	Low Flow with Disposable Tubing	VOC - 8260B
MW-6B	Low Flow with Disposable Tubing	VOC - 8260B
MW-6C	Low Flow with Disposable Tubing	VOC - 8260B
MW-6D	Disposable Bailer and New Twine/Rope	VOC - 8260B
MW-6E	Disposable Bailer and New Twine/Rope	VOC - 8260B
MW-6F	Disposable Bailer and New Twine/Rope	VOC - 8260B
MW-6G	Disposable Bailer and New Twine/Rope	VOC - 8260B
MW-6HS	Disposable Bailer and New Twine/Rope	VOC - 8260B
MW-6HD	Disposable Bailer and New Twine/Rope	VOC - 8260B
MW-8	Disposable Bailer and New Twine/Rope	VOC - 8260B
MW-9	Disposable Bailer and New Twine/Rope	VOC - 8260B
MW-10	Disposable Bailer and New Twine/Rope	VOC - 8260B
MW-11	Disposable Bailer and New Twine/Rope	VOC - 8260B
MW-12	Disposable Bailer and New Twine/Rope	VOC - 8260B
MW-14S	Disposable Bailer and New Twine/Rope	VOC - 8260B
MW-14D	Low Flow with Disposable Tubing	VOC - 8260B
MW-15S	Disposable Bailer and New Twine/Rope	VOC - 8260B
MW-15D	Low Flow with Disposable Tubing	VOC - 8260B
MW-16	Disposable Bailer and New Twine/Rope	VOC - 8260B
MW-17	Disposable Bailer and New Twine/Rope	VOC - 8260B
MW-18S	Disposable Bailer and New Twine/Rope	VOC - 8260B
MW-18D	Low Flow with Disposable Tubing	VOC - 8260B
MW-19	Disposable Bailer and New Twine/Rope	VOC - 8260B
OB-1	Disposable Bailer and New Twine/Rope	VOC - 8260B
OB-2	Disposable Bailer and New Twine/Rope	VOC - 8260B
OB-3	Disposable Bailer and New Twine/Rope	VOC - 8260B
SVE-1	Disposable Bailer and New Twine/Rope	VOC - 8260B
SVE-2	Disposable Bailer and New Twine/Rope	VOC - 8260B
SVE-3	Disposable Bailer and New Twine/Rope	VOC - 8260B

TABLE 3. SUMMARY OF SAMPLING METHOD AND ANALYSIS
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO

Well	Sampling Method	Sample Analysis
Various Other Site Monitoring Wells		
BIA-MW-3	Disposable Bailer and New Twine/Rope	VOC - 8260B
New BIA-E-MW	Disposable Bailer and New Twine/Rope	VOC - 8260B
BG-BMW-8	Disposable Bailer and New Twine/Rope	VOC - 8260B
BG-BMW-12	Disposable Bailer and New Twine/Rope	VOC - 8260B
CHMW- E	Disposable Bailer and New Twine/Rope	VOC - 8260B
NI-MW-2	Disposable Bailer and New Twine/Rope	VOC - 8260B
RayMar-W	Disposable Bailer and New Twine/Rope	VOC - 8260B
RayMar-E	Disposable Bailer and New Twine/Rope	VOC - 8260B
CA-FSY-14	Disposable Bailer and New Twine/Rope	VOC - 8260B
MW-4H-01	Disposable Bailer and New Twine/Rope	VOC - 8260B
MW-4H-02	Disposable Bailer and New Twine/Rope	VOC - 8260B
MW-4H-04	Disposable Bailer and New Twine/Rope	VOC - 8260B
MW-4H-06	Disposable Bailer and New Twine/Rope	VOC - 8260B
SBM-1	Low Flow with Disposable Tubing	VOC - 8260B
SBM-2	Low Flow with Disposable Tubing	VOC - 8260B
Mt. Calvary Cemetary North	Tap Sample	VOC - 8260B
Mt. Calvary South Well	Tap Sample	VOC - 8260B
Sunset Production Wells	Tap Sample	VOC - 8260B
Sunset Hand Pump Well	Tap Sample	VOC - 8260B
Manaul School Well	Tap Sample	VOC - 8260B

NOTES:
EPA = United States Environmental Protection Agency
VOC = Volatile organic compounds

TABLE 4. SUMMARY OF GROUNDWATER FIELD PARAMETERS
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO

Well Number	Date Sampled	pH	SpC (µS/cm)	Temp (°C)	ORP (mV)	DO (mg/L)
Laun-Dry Monitoring Wells						
MW-1	6-Jul-16	7.12	1,777	19.9	NM	0.62
	13-Jan-16	7.43	1,490	18.9	NM	NM
	30-Jun-15	7.25	1,435	20.8	NM	1.97
	31-Dec-14	7.23	1,521	17.9	NM	3.04
	17-Jun-14	7.07	1,528	20.0	NM	3.64
	18-Dec-13	7.26	1,910	19.5	NM	2.84
MW-2	6-Jul-16	7.18	1,657	20.1	NM	0.50
	13-Jan-16	7.41	705	18.4	NM	NM
	30-Jun-15	7.26	1,426	21.2	NM	1.12
	31-Dec-14	7.16	1,387	17.7	NM	1.13
	18-Jun-14	7.18	1,406	20.5	NM	1.10
	19-Dec-13	7.32	1,275	18.5	NM	2.03
MW-3	6-Jul-16	7.24	1,506	18.6	NM	0.72
	13-Jan-16	7.39	1,290	17.2	NM	NM
	30-Jun-15	7.21	1,436	19.4	NM	0.84
	31-Dec-14	7.17	1,256	16.9	NM	1.13
	19-Jun-14	7.08	1,358	22.3	-59.8	0.15
	18-Dec-13	7.31	1,161	18.6	NM	1.31
MW-4	6-Jul-16	7.11	1,980	19.3	NM	0.40
	15-Jan-16	7.03	1,396	19.0	NM	NM
	30-Jun-15	7.19	1,640	20.1	NM	0.73
	31-Dec-14	7.12	1,582	17.9	NM	1.97
	19-Jun-14	7.00	1,592	21.5	19.9	0.21
	19-Dec-13	7.29	1,471	18.4	NM	1.56
MW-5	5-Jul-16	7.42	1,404	21.2	NM	3.60
	13-Jan-16	7.41	1,708	18.0	NM	NM
	30-Jun-15	7.22	1,763	20.4	NM	0.83
	28-Jan-15	7.26	1,719	19.6	NM	1.68
	18-Jun-14	7.13	1,739	19.9	NM	1.36
	19-Dec-13	7.29	1,458	19.6	NM	2.28
MW-6	6-Jul-16	7.23	1,512	18.5	NM	0.70
	13-Jan-16	7.43	1,299	16.6	NM	NM
	30-Jun-15	7.26	1,292	19.2	NM	0.85
	31-Dec-14	7.18	1,246	16.5	NM	2.37
	19-Jun-14	7.06	1,320	22.2	76.8	0.30
	19-Dec-13	7.33	1,101	18.7	NM	1.69

TABLE 4. SUMMARY OF GROUNDWATER FIELD PARAMETERS
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO

Well Number	Date Sampled	pH	SpC (µS/cm)	Temp (°C)	ORP (mV)	DO (mg/L)
MW-6A	7-Jul-16	7.13	1,597	22.0	-74.8	0.22
	20-Jan-16	7.71	1,425	18.4	-14.5	0.17
	22-Jul-15	6.59	1,408	21.75	-24.9	0.55
	30-Dec-14	7.10	1,333	16.8	-62.2	0.41
	19-Jun-14	7.10	1,316	21.1	-49.5	0.16
	19-Dec-13	7.36	1,155	19.0	NM	0.77
MW-6B	7-Jul-16	7.27	1,696	20.8	13.5	3.70
	14-Jan-16	7.51	702	18.0	NM	NM
	1-Jul-15	7.32	1,545	22.4	NM	2.47
	30-Dec-14	7.07	1,289	13.4	-33.7	0.15
	19-Jun-14	7.07	1,299	21.9	38.4	0.49
	19-Dec-13	7.44	1,560	18.8	NM	1.99
MW-6C	7-Jul-16	7.26	1,395	21.7	-329.1	0.18
	20-Jan-16	7.65	1,401	18.1	-102.4	0.90
	22-Jul-15	6.28	1,571	20.85	-94.1	0.74
	30-Dec-14	7.08	1,287	10.4	-39.0	1.04
	19-Jun-14	7.09	1,302	21.5	-34.4	0.38
	19-Dec-13	7.43	1,560	19.0	NM	1.14
MW-6D	6-Jul-16	7.38	1,599	20.5	NM	5.40
	13-Jan-16	7.35	1,994	18.7	NM	NM
	30-Jun-15	7.60	1,562	20.0	NM	5.62
	31-Dec-14	7.18	1,335	17.6	NM	1.98
	17-Jun-14	7.26	1,297	20.0	NM	2.56
	18-Dec-13	7.38	1,183	19.7	NM	2.65
MW-6E	8-Jul-16	7.60	1,225	20.4	NM	3.20
	15-Jan-16	7.18	1,295	18.6	NM	NM
	1-Jul-15	7.40	1,103	19.5	NM	1.25
	16-Jan-15	7.17	1,428	19.5	NM	0.44
	18-Jun-14	7.32	1,417	20.5	NM	1.47
	19-Dec-13	7.17	1,167	17.7	NM	0.71
MW-6F	5-Jul-16	7.38	1,470	20.8	NM	2.02
	13-Jan-16	7.42	1,766	18.6	NM	NM
	29-Jun-15	7.23	1,706	19.6	NM	1.04
	29-Dec-14	7.29	1,680	19.0	NM	0.74
	18-Jun-14	7.29	1,795	19.6	138.3	0.79
	18-Dec-13	7.03	1,386	17.3	NM	0.88

TABLE 4. SUMMARY OF GROUNDWATER FIELD PARAMETERS
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO

Well Number	Date Sampled	pH	SpC (µS/cm)	Temp (°C)	ORP (mV)	DO (mg/L)
MW-6G	6-Jul-16	7.50	1,175	21.8	NM	3.90
	15-Jan-16	Not Enough Water to Measure				
	29-Jun-15	Could Not Access				
	29-Dec-14	Not Enough Water to Measure				
	19-Jun-14	7.14	1,745	19.5	NM	1.43
MW-6H-S	6-Jul-16	7.31	1,406	20.4	NM	NM
	14-Jan-16	7.51	1,471	17.9	NM	NM
	30-Jun-15	7.22	1,018	18.8	NM	0.92
	29-Dec-14	7.07	1,750	19.4	NM	0.37
	18-Jun-14	7.02	2,152	19.6	-31.6	0.52
	18-Dec-13	6.56	1,457	16.0	NM	0.81
MW-6H-D	6-Jul-16	7.52	1,198	20.4	NM	2.67
	13-Jan-16	7.55	1,412	17.6	NM	NM
	30-Jun-15	7.46	690	19.6	NM	1.79
	29-Dec-14	7.40	1,430	19.2	NM	0.52
	18-Jun-14	7.36	1,544	19.4	-65.6	0.71
	18-Dec-13	6.82	1,242	17.9	NM	0.74
MW-8	6-Jul-16	7.22	1,562	19.6	NM	0.71
	13-Jan-16	7.48	1,328	18.1	NM	NM
	1-Jul-15	7.29	1,341	20.4	NM	1.12
	31-Dec-14	7.24	NM	17.8	NM	0.47
	18-Jun-14	7.22	1,342	20.8	NM	1.14
	18-Dec-13	7.36	1,600	18.5	NM	1.35
MW-9	6-Jul-16	7.27	1,175	19.8	NM	0.60
	13-Jan-16	7.36	1,172	18.5	NM	NM
	30-Jun-15	7.28	1,222	20.2	NM	0.76
	31-Dec-14	7.23	1,236	17.3	NM	0.97
	17-Jun-14	7.26	1,267	20.8	NM	0.94
	18-Dec-13	6.63	1,116	17.8	NM	0.83
MW-10	5-Jul-16	6.50	858	20.3	NM	2.06
	13-Jan-16	7.38	671	18.7	NM	NM
	29-Jun-15	7.03	1,625	21.9	NM	NM
	29-Dec-14	7.09	1,607	17.9	NM	1.68
	17-Jun-14	6.89	1,727	20.6	NM	1.91
	17-Dec-13	7.46	2,140	18.6	NM	1.64
MW-11	6-Jul-16	7.21	1,267	19.1	NM	0.71
	13-Jan-16	7.36	1,078	17.7	NM	NM
	30-Jun-15	7.34	1,137	19.5	NM	1.11
	31-Dec-14	7.21	1,046	17.3	NM	2.18
	17-Jun-14	7.21	1,106	19.9	NM	1.25
	17-Dec-13	7.47	1,170	19.0	NM	1.80

TABLE 4. SUMMARY OF GROUNDWATER FIELD PARAMETERS
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO

Well Number	Date Sampled	pH	SpC (µS/cm)	Temp (°C)	ORP (mV)	DO (mg/L)
MW-12	6-Jul-16	7.29	1,296	19.3	NM	1.31
	13-Jan-16	7.35	1,209	18.0	NM	NM
	30-Jun-15	7.27	1,199	20.7	NM	0.84
	31-Dec-14	7.18	1,113	17.6	NM	1.23
	18-Jun-14	7.17	1,374	20.3	NM	1.52
	19-Dec-13	6.82	1,034	19.2	NM	0.83
MW-14S	6-Jul-16	7.41	1,590	19.4	NM	0.70
	20-Jan-16	7.88	846	16.6	291.9	4.84
	22-Jul-15	7.10	746	22.9	-45.3	5.54
	22-Jan-15	7.71	904	17.8	NM	2.06
	31-Dec-14	7.36	NM	18.4	NM	0.83
	18-Jun-14	7.35	1,409	19.9	NM	1.64
	19-Dec-13	7.34	1,254	19.3	NM	1.49
MW-14D	7-Jul-16	7.33	1,150	21.5	121.8	0.41
	14-Jan-16	7.49	574	18.1	NM	NM
	1-Jul-15	7.42	1,052	24.1	NM	0.63
	30-Dec-14	7.30	1,020	15.9	36.1	0.65
	19-Jun-14	7.32	1,060	19.5	-33.0	0.02
	18-Dec-13	7.53	925	19.6	NM	1.25
MW-15S	6-Jul-16	7.18	1,685	19.3	NM	0.60
	15-Jan-16	7.10	1,234	18.9	NM	NM
	30-Jun-15	7.22	1,429	20.6	NM	0.56
	31-Dec-14	7.18	1,351	17.1	NM	1.05
	17-Jun-14	7.07	1,382	19.6	NM	1.06
	18-Dec-13	7.33	1,286	19.5	NM	1.03
MW-15D	7-Jul-16	7.45	1,107	21.6	136.7	0.94
	20-Jan-16	7.42	969	18.2	NM	NM
	1-Jul-15	7.57	1,034	23.2	NM	0.61
	30-Dec-14	7.43	1,042	17.1	16.3	0.40
	19-Jun-14	7.45	1,085	19.6	31.1	0.07
	18-Dec-13	7.70	975	17.4	NM	4.69
MW-16	5-Jul-16	6.23	886	22.3	NM	1.23
	13-Jan-16	7.29	677	19.3	NM	NM
	29-Jun-15	7.16	1,449	20.2	NM	NM
	16-Dec-14	7.29	1,295	18.9	NM	NM

TABLE 4. SUMMARY OF GROUNDWATER FIELD PARAMETERS
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO

Well Number	Date Sampled	pH	SpC (µS/cm)	Temp (°C)	ORP (mV)	DO (mg/L)
MW-17	5-Jul-16	7.18	1,496	22.2	NM	3.50
	15-Jan-16	6.86	1,557	19.2	NM	NM
	30-Jun-15	7.00	909	22.0	NM	0.83
	16-Dec-14	7.13	1,728	18.6	NM	NM
MW-18S	5-Jul-16	6.91	1,535	20.8	NM	2.47
	13-Jan-16	7.18	1,730	19.0	NM	NM
	29-Jun-15	7.06	1,793	20.8	NM	1.11
	16-Dec-14	7.20	1,516	20.1	NM	NM
MW-18D	7-Jul-16	7.98	417.7	22.3	123.4	0.44
	14-Jan-16	8.04	305	19.1	NM	NM
	1-Jul-15	7.98	398	21.7	NM	0.59
	16-Jan-15	7.97	401	19.2	NM	NM
MW-19	5-Jul-16	7.13	1,207	21.7	NM	3.20
	13-Jan-16	7.26	637	21.2	NM	1.28
	29-Jun-15	7.14	1,389	20.7	NM	1.05
	16-Dec-14	7.12	1,465	18.3	NM	NM
OB-1	6-Jul-16	7.22	1,388	18.2	NM	0.52
	14-Jan-16	7.43	1,117	18.2	NM	NM
	30-Jun-15	7.32	1,250	18.7	NM	0.45
	30-Dec-14	7.21	1,204	16.4	-107.1	0.12
OB-2	6-Jul-16	7.25	1,534	19.7	NM	0.63
	20-Jan-16	7.70	1,339	19.0	-88.5	0.45
	22-Jul-15	6.67	1,486	21.98	-81.8	0.17
	30-Dec-14	7.16	1,338	16.7	-123.3	0.30
OB-3	5-Jul-16	7.49	1,152	21.00	NM	2.20
	20-Jan-16	7.93	1,324	16.50	-40.5	0.36
	22-Jul-15	6.86	1,330	22.11	-65.4	0.26
	28-Jan-15	7.31	1,302	19.0	NM	0.19
SVE-1	6-Jul-16	7.52	1,546	21.2	NM	6.02
	20-Jan-16	7.70	1,852	18.4	107.4	0.77
	22-Jul-15	6.71	1,714	21.9	13.3	0.35
	30-Dec-14	6.99	1,740	15.2	33.1	0.62
	19-Jun-14	6.99	1,684	21.1	101.1	0.19

TABLE 4. SUMMARY OF GROUNDWATER FIELD PARAMETERS
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO

Well Number	Date Sampled	pH	SpC (µS/cm)	Temp (°C)	ORP (mV)	DO (mg/L)
SVE-2	6-Jul-16	7.26	1,542	18.2	NM	0.47
	14-Jan-16	7.41	1,286	18.2	NM	NM
	30-Jun-15	7.25	1,344	19.2	NM	0.81
	30-Dec-14	7.07	1,323	16.3	-57.6	0.13
	19-Jun-14	7.05	1,379	21.8	3.6	0.26
SVE-3	6-Jul-16	7.09	1,839	19.7	NM	0.46
	14-Jan-16	7.27	1,443	17.8	NM	NM
	30-Jun-15	7.19	1,542	20.3	NM	0.82
	31-Dec-14	7.11	1,458	17.6	NM	1.42
	18-Jun-14	7.67	1,354	20.5	NM	1.09
Various Other Site Monitoring Wells						
BIA-MW-1	Well Not Sampled					
	30-Jun-15	Not Enough Water to Measure				
	29-Dec-14	Not Enough Water to Measure				
	Well Not Sampled					
	17-Dec-13	6.87	1,650	17.1	NM	3.87
BIA-MW-3	6-Jul-16	7.28	1,280	21.0	NM	3.53
	13-Jan-16	7.35	682	19.0	NM	NM
	30-Jun-15	7.34	1,617	18.9	NM	1.20
	29-Dec-14	7.19	1,698	17.7	NM	1.28
	17-Jun-14	7.14	1,861	20.2	NM	1.02
	17-Dec-13	7.23	1,870	18.9	NM	1.45
New BIA-E-MW	6-Jul-16	7.42	1,236	20.3	NM	6.10
	13-Jan-16	7.40	1,290	18.2	NM	NM
	1-Jul-15	7.13	647	19.0	NM	4.50
	29-Dec-14	7.10	NM	18.9	NM	0.50
	18-Jun-14	7.33	1,571	20.3	NM	1.43
	18-Dec-13	7.29	1,970	19.1	NM	1.40
BG-BMW-8	6-Jul-16	7.14	1,711	20.2	NM	5.25
	13-Jan-16	7.08	1,280	18.8	NM	NM
	30-Jun-15	7.07	771	20.1	NM	1.01
	29-Dec-14	6.96	2,000	19.6	NM	0.54
	18-Jun-14	6.92	2,038	20.1	-66.7	0.39
	18-Dec-13	6.63	1,814	18.8	NM	0.73

TABLE 4. SUMMARY OF GROUNDWATER FIELD PARAMETERS
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO

Well Number	Date Sampled	pH	SpC (µS/cm)	Temp (°C)	ORP (mV)	DO (mg/L)
BG-BMW-12	6-Jul-16	7.45	1,242	21.9	NM	3.44
	15-Jan-16	7.19	1,316	19.2	NM	NM
	30-Jun-15	7.32	315	19.6	NM	1.10
	29-Dec-14	7.16	3,880	19.4	NM	0.46
	18-Jun-14	7.17	1,630	19.8	-25.7	0.43
	18-Dec-13	6.58	1,304	17.1	NM	0.91
CA-FSY-14	5-Jul-16	7.61	1,436	21.7	NM	2.80
	13-Jan-16	7.37	1,644	18.4	NM	NM
	29-Jun-15	7.04	1,637	19.7	NM	2.45
	29-Dec-14	7.06	1,610	18.2	NM	0.75
	18-Jun-14	7.21	1,594	19.7	95.1	0.45
	18-Dec-13	6.72	1,165	15.2	NM	1.28
Mt. Calvary Cemetary North	2-Jul-15	7.83	870	21.4	NM	NM
Mt. Calvary Cemetary South	2-Jul-15	7.61	1,223	21.1	NM	NM
CHMW-E	6-Jul-16	7.42	1,285	21.4	NM	2.93
	13-Jan-16	7.36	1,573	18.5	NM	NM
	29-Jun-15	7.17	1,544	19.5	NM	0.98
	29-Dec-14	7.03	1,670	19.3	NM	0.51
	18-Jun-14	7.04	1,721	19.8	57.5	0.32
	18-Dec-13	6.68	1,340	19.0	NM	0.88
MW-4H-01	5-Jul-16	7.78	1,261	20.9	NM	4.50
	13-Jan-16	7.47	691	19.3	NM	NM
	29-Jun-15	7.42	1,546	20.2	NM	1.45
	29-Dec-14	7.00	1,261	18.3	NM	1.25
	17-Jun-14	7.22	1,583	19.8	140.1	0.62
	18-Dec-13	6.95	998	13.1	NM	1.46
MW-4H-02	5-Jul-16	7.66	1,284	21.5	NM	3.80
	13-Jan-16	7.57	688	19.4	NM	1.73
	29-Jun-15	7.54	1,604	20.2	NM	2.75
	29-Dec-14	7.25	1,580	18.6	NM	0.84
	18-Jun-14	7.38	1,530	19.9	40.7	0.71
	18-Dec-13	7.13	1,107	15.8	NM	1.22

TABLE 4. SUMMARY OF GROUNDWATER FIELD PARAMETERS
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO

Well Number	Date Sampled	pH	SpC (µS/cm)	Temp (°C)	ORP (mV)	DO (mg/L)
MW-4H-04	8-Jul-16	7.47	1,256	20.3	NM	3.16
	13-Jan-16	7.51	1,387	17.7	NM	NM
	1-Jul-15	7.50	322	20.0	NM	3.31
	31-Dec-14	7.38	NM	18.0	NM	0.55
	18-Jun-14	7.30	1,530	19.4	127.7	0.40
	19-Dec-13	7.01	1,167	16.3	NM	0.86
MW-4H-06	8-Jul-16	7.06	1,292	19.8	NM	2.82
	15-Jan-16	7.12	1,377	18.5	NM	NM
	7-Jul-15	7.25	1,606	20.3	NM	1.20
	29-Dec-14	7.03	NM	19.0	NM	0.54
	18-Jun-14	7.10	1,736	19.7	64.9	50.1
	18-Dec-13	6.86	1,357	16.0	NM	0.63
NI-MW-2	6-Jul-16	7.41	1,445	21.8	NM	3.27
	15-Jan-16	7.14	1,459	19.6	NM	NM
	30-Jun-15	7.32	414	20.1	NM	1.28
	31-Dec-14	6.98	1,150	19.4	NM	0.95
	18-Jun-14	7.15	1,693	20.2	-33.4	0.42
	19-Dec-13	7.17	1,364	17.1	NM	1.07
RayMar-W	8-Jul-16	7.41	1,209	20.6	NM	4.10
	15-Jan-16	7.32	1,233	18.4	NM	NM
	7-Jul-15	7.39	1,496	20.4	NM	1.56
	31-Dec-14	6.81	NM	17.2	NM	0.98
	18-Jun-14	7.32	1,583	19.8	7.3	0.65
	19-Dec-13	7.28	1,179	14.4	NM	1.03
RayMar-E	8-Jul-16	7.38	1,201	21.0	NM	3.30
	15-Jan-16	7.30	1,246	18.5	NM	NM
	1-Jul-15	7.56	538	19.4	NM	1.85
	31-Dec-14	7.39	NM	18.8	NM	0.85
	18-Jun-14	7.29	1,569	19.8	14.3	0.75
	19-Dec-13	7.27	1,317	18.5	NM	1.17

TABLE 4. SUMMARY OF GROUNDWATER FIELD PARAMETERS
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO

Well Number	Date Sampled	pH	SpC (µS/cm)	Temp (°C)	ORP (mV)	DO (mg/L)
SBM-1	7-Jul-16	7.09	1,490	20.4	149.0	0.62
	14-Jan-16	7.28	737	17.7	NM	NM
	2-Jul-15	7.29	1,189	21.3	NM	0.63
	5-Jan-15	6.97	1,211	16.9	180.5	0.63
SBM-2	7-Jul-16	7.12	946	21.4	149.2	5.50
	14-Jan-16	7.35	675	19.4	NM	NM
	2-Jul-15	7.37	1,119	22.7	NM	6.85
	5-Jan-15	7.17	886	17.1	189.4	7.44

NOTES:
DO = Dissolved oxygen
mg/L = Milligrams per liter
mV = Millivolts
µS/cm = Microsiemens per centimeter
°C = Degrees Celcius
NA = Not analyzed
NM = Not measured
ORP = Oxidation Reduction Potential
SpC = Specific Conductance
Data rejected

TABLE 5. SUMMARY OF SAMPLE ANALYTICAL AND QUALITY CONTROL REQUIREMENTS
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO

Target Analytes	Matrix	Analytical Method	Sample Container	Preservative	Holding Time
VOCs	Water	EPA 8260B	3 x 40-mL glass vials	Mercuric Chloride; Cool to <6°C	14 days

NOTES:
EPA = U.S. Environmental Protection Agency
mL = milliliter
VOCs = Volatile organic compounds + naphthalenes
< = less than
°C = degrees Celcius

TABLE 6. SUMMARY OF ORGANIC GROUNDWATER ANALYTICAL RESULTS
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO

Monitoring Well	Date Sampled	PCE (µg/L)	TCE (µg/L)	*cis* DCE (µg/L)	*trans* DCE (µg/L)	1,1 DCE (µg/L)	Vinyl Chloride (µg/L)	1,1 DCA (µg/L)	MTBE (µg/L)	Total Napthalenes (µg/L)
Laun-Dry Monitoring Wells										
MW-1	7/6/2016	8.5	5.4	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	1/15/2016	18	4.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	6/30/2015	21	3.3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	12/31/2014	26	7.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	6/17/2014	56	7.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	12/18/2013	330	19	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20
	6/6/2013	680	24	<10	<10	<10	<10	<10	<10	<40
	12/6/2012	690	23	<10	<10	<10	<10	<10	<10	<40
	4/5/2012	570	28	<10	<10	<10	<10	<10	<10	<40
	4/1/2011	580	36	2.3	3.3	<1.0	<1.0	<1.0	<1.0	<4.0
	9/2/2009	220	60	2.4	2.9	<1.0	<1.0	<1.0	<1.0	<4.0
	1/27/2009	390	61	2.5	3.1	<1.0	<1.0	<1.0	<1.0	<4.0
	7/3/2008	620	67	<10	<10	<10	<10	<10	<10	<40
	12/20/2007	1,800	130	5.9	7.7	<5.0	<5.0	<5.0	<5.0	<20
	5/18/2007	930	110	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20
	8/21/2006	1,700	160	<50	<50	<50	<50	<100	<75	<200
	6/22/2005	660	110	4.0	4.0	<1	<5	<1	<1	<5
	9/26/2003	340	36	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0	<4.0
MW-2	7/6/2016	29	19	3.2	2.2	<1.0	<1.0	<1.0	<1.0	<4.0
	1/15/2016	42	22	2.9	1.9	<1.0	<1.0	<1.0	<1.0	<4.0
	6/30/2015	49	25	4.0	1.9	<1.0	<1.0	<1.0	<1.0	<4.0
	12/31/2014	80	38	5.6	<5.0	<5.0	<5.0	<5.0	<5.0	<20
	6/18/2014	260	74	6.7	<5.0	<5.0	<5.0	<5.0	<5.0	<20
	12/19/2013	1,200	90	7.5	<5.0	<5.0	<5.0	<5.0	<5.0	<20
	6/6/2013	1,600	83	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20
	12/6/2012	1,300	61	5.8	<5.0	<5.0	<5.0	<5.0	<5.0	<20
	4/5/2012	890	72	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20
	4/1/2011	330	53	3.6	1.3	<1.0	<1.0	<1.0	<1.0	<4.0
	9/2/2009	1,700	270	9.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20
	1/27/2009	1,200	230	6.1	<5.0	<5.0	<5.0	<5.0	<5.0	<20
	7/3/2008	720	180	6.6	<5.0	<5.0	<5.0	<5.0	<5.0	<20
	12/20/2007	1,700	140	4.6	2.0	<1.0	<1.0	<1.0	<1.0	<4.0
	5/18/2007	87	29	2.2	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	8/21/2006	4,500	730	<50	<50	<50	<50	<100	<75	<200
	6/22/2005	4,200	560	11	2.9	<1	<5	<1	<1	<5
	9/26/2003	3,200	860	2.7	8.3	<1.0	<2.0	<1.0	<1.0	<4.0

TABLE 6. SUMMARY OF ORGANIC GROUNDWATER ANALYTICAL RESULTS
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO

Monitoring Well	Date Sampled	PCE (µg/L)	TCE (µg/L)	*cis* DCE (µg/L)	*trans* DCE (µg/L)	1,1 DCE (µg/L)	Vinyl Chloride (µg/L)	1,1 DCA (µg/L)	MTBE (µg/L)	Total Napthalenes (µg/L)
MW-3	7/6/2016	21	14	2.7	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	1/15/2016	39	14	3.3	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	6/30/2015	12	13	2.5	<2.0	<2.0	<2.0	<2.0	<2.0	<8.0
	12/31/2014	3.1	17	2.7	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	6/19/2014	22	33	2.8	1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	12/18/2013	1,500	25	3.5	<2.0	<2.0	<2.0	<2.0	<2.0	<8.0
	6/6/2013	440	76	<10	<10	<10	<10	<10	<10	<40
	12/6/2012	2,900	72	<10	<10	<10	<10	<10	<10	<40
	4/5/2012	450	73	3.0	1.1	<1.0	<1.0	<1.0	<1.0	<4.0
	4/1/2011	380	150	5.7	1.4	<1.0	<1.0	<1.0	<1.0	<4.0
	9/12/2009	76	180	6.8	2.1	<1.0	<1.0	<1.0	<1.0	<4.0
	1/27/2009	32	170	5.4	<5.0	<5.0	<5.0	<5.0	<5.0	<20
	7/3/2008	120	220	10	<5.0	<5.0	<5.0	<5.0	<5.0	<20
	12/20/2007	3,300	260	10	<5.0	<5.0	<5.0	<5.0	<5.0	<20
	5/18/2007	680	370	13	<5.0	<5.0	<5.0	<5.0	<5.0	<20
	8/21/2006	1,500	450	<50	<50	<50	<50	<100	<75	<200
	6/22/2005	1,100	400	8.6	2.2	<1	<5	<1	<1	<5
	9/26/2003	10,000	780	5.7	<1.0	<1.0	<2.0	<1.0	<1.0	<4.0
MW-4	7/6/2016	120	170	15	3.4	<1.0	<1.0	<1.0	<1.0	<4.0
	1/15/2016	130	290	29	5.9	<1.0	<1.0	<1.0	<1.0	<4.0
	6/30/2015	160	380	34	<10	<10	<10	<10	<10	<40
	12/31/2014	240	570	31	<10	<10	<10	<10	<10	<40
	6/19/2014	750	920	38	8.2	<5.0	<5.0	<5.0	<5.0	<20
	12/19/2013	3,400	1,000	34	9.5	<5.0	<5.0	<5.0	<5.0	<20
	6/5/2013	2,300	1,100	43	<20	<20	<20	<20	<20	<80
	12/6/2012	3,100	1,300	49	<10	<10	<10	<10	<10	<40
	4/5/2012	3,100	2,000	61	<20	<20	<20	<20	<20	<80
	4/1/2011	3,400	3,600	39	8.4	<1.0	<1.0	<1.0	<1.0	<4.0
	9/2/2009	700	1,300	16	6.0	<5.0	<5.0	<5.0	<5.0	<20
	1/26/2009	1,100	1,600	18	<5.0	<5.0	<5.0	<5.0	<5.0	<20
	7/3/2008	430	970	12	<10	<10	<10	<10	<10	<40
	12/20/2007	600	980	13	<10	<10	<10	<10	<10	<40
	5/16/2007	5,000	4,400	42	<10	<10	<10	<10	<10	<40
	8/21/2006	930	1,200	<50	<50	<50	<50	<100	<75	<200
	6/22/2005	6,400	3,200	12	2.2	<1	<5	<1	<1	<5
MW-5	7/5/2016	83	1,100	77	22	<1.0	<1.0	<1.0	<1.0	<4.0
NMED SS	7/5/2016	69	1,100	80	25	<0.69	<0.70	<0.28	<0.14	<0.38
	1/15/2016	130	1,500	76	17	<10	<10	<10	<10	<40
	6/30/2015	88	1,500	110	35	<5.0	<5.0	<5.0	<5.0	<20
	1/28/2015	100	1,800	120	33	<1.0	<1.0	<1.0	<1.0	<4.0
	6/18/2014	120	2,000	130	63	<10	<10	<10	<10	<40
	12/19/2013	60	2,200	160	52	<5.0	<5.0	<5.0	<5.0	<20
	6/6/2013	260	2,900	69	13	<10	<10	<10	<10	<40
	12/5/2012	250	2,800	71	21	<10	<10	<10	<10	<40
	4/3/2012	10	1,600	150	82	<5.0	<5.0	<5.0	<5.0	<20
	3/31/2011	5.5	1,500	140	46	<1.0	<1.0	<1.0	<1.0	<4.0
	9/2/2009	<10	2,200	190	78	<10	<10	<10	<10	<40
	1/27/2009	Damaged. Not Sampled								
	7/3/2008	Damaged. Not Sampled								
	12/19/2007	Damaged. Not Sampled								
	5/16/2007	940	3,600	39	12	<10	<10	<10	<10	<40
	8/21/2006	1,400	6,400	<100	<100	<100	<100	<200	<150	<400
	6/22/2005	1,200	3,000	37	15	<1	<5	<1	<1	<5

TABLE 6. SUMMARY OF ORGANIC GROUNDWATER ANALYTICAL RESULTS
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO

Monitoring Well	Date Sampled	PCE (µg/L)	TCE (µg/L)	*cis* DCE (µg/L)	*trans* DCE (µg/L)	1,1 DCE (µg/L)	Vinyl Chloride (µg/L)	1,1 DCA (µg/L)	MTBE (µg/L)	Total Napthalenes (µg/L)
MW-6	7/6/2016	8.6	8.6	2.4	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	1/15/2016	12	8.3	2.6	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	6/30/2015	17	8.1	2.4	<2.0	<2.0	<2.0	<2.0	<2.0	<8.0
	12/31/2014	13	11	3.9	<2.0	<2.0	<2.0	<2.0	<2.0	<8.0
	6/19/2014	120	28	4.0	<2.0	<2.0	<2.0	<2.0	<2.0	<8.0
	12/19/2013	280	25	5.7	<2.0	<2.0	<2.0	<2.0	<2.0	<8.0
	6/6/2013	2,600	110	<10	<10	<10	<10	<10	<10	<40
	12/6/2012	2,400	90	<10	<10	<10	<10	<10	<10	<40
	4/5/2012	640	91	7.4	2.1	<1.0	<1.0	<1.0	<1.0	<4.0
	4/1/2011	1,900	320	6.7	2.5	<1.0	<1.0	<1.0	<1.0	<4.0
	9/2/2009	1,900	490	10	<5.0	<5.0	<5.0	<5.0	<5.0	<20
	1/27/2009	1,800	520	9.6	<5.0	<5.0	<5.0	<5.0	<5.0	<20
	7/3/2008	850	500	11	<5.0	<5.0	<5.0	<5.0	<5.0	<20
	12/20/2007	1,700	470	17	5.1	<5.0	<5.0	<5.0	<5.0	<20
	5/18/2007	1,500	720	21	<10	<10	<10	<10	<10	<40
	8/21/2006	1,800	590	<50	<50	<50	<50	<100	<75	<200
	6/22/2005	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0
MW-6A	7/7/2016	<1.0	5.0	2.4	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	1/20/2016	<1.0	5.1	2.2	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	7/22/2015	1.2	4.7	2.3	1.1	<1.0	<1.0	<1.0	<1.0	<4.0
	12/30/2014	3.2	6.3	2.7	1.1	<1.0	<1.0	<1.0	<1.0	<4.0
	6/19/2014	8.8	11	2.5	1.1	<1.0	<1.0	<1.0	<1.0	<4.0
	12/19/2013	5,000	74	<10	<10	<10	<10	<10	<10	<40
	6/6/2013	35	21	3.7	1.5	<1.0	<1.0	<1.0	<1.0	<4.0
	12/6/2012	5,600	77	5.2	<5.0	<5.0	<5.0	<5.0	<5.0	<20
	4/5/2012	900	43	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20
MW-6B	7/7/2016	36	2.7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	1/14/2016	110	3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	7/1/2015	30	4.3	1.5	1.1	<1.0	<1.0	<1.0	<1.0	<4.0
	12/30/2014	17	7.7	2.8	2.3	<1.0	<1.0	<1.0	<1.0	<4.0
	6/19/2014	750	7.8	2.1	<2.0	<2.0	<2.0	<2.0	<2.0	<8.0
	12/19/2013	1,300	<10	<10	<10	<10	<10	<10	<10	<40
	6/5/2013	170,000	94	<50	<50	<50	<50	<50	<50	<200
	12/6/2012	57,000	160	<50	<50	<50	<50	<50	<50	<200
	4/5/2012	10,000	56	<20	<20	<20	<20	<20	<20	<80
MW-6C	7/7/2016	<1.0	1.5	16	2.6	<1.0	<1.0	<1.0	<1.0	<4.0
	1/20/2016	2.3	1.2	22	1.5	<1.0	<1.0	<1.0	<1.0	<4.0
	7/22/2015	24	6.4	22	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	12/30/2014	4.1	61	11	4.1	<1.0	<1.0	<1.0	<1.0	<4.0
	6/19/2014	29	190	14	4.4	<1.0	<1.0	<1.0	<1.0	<4.0
	12/19/2013	1.0	170	14	4.1	<1.0	<1.0	<1.0	<1.0	<4.0
	6/6/2013	2,700	860	14	5.5	<5.0	<5.0	<5.0	<5.0	<20
	12/6/2012	720	950	21	<5.0	<5.0	<5.0	<5.0	<5.0	<20
	4/5/2012	290	1,100	16	<10	<10	<10	<10	<10	<40
MW-6D	7/6/2016	<1.0	3.7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	1/14/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	6/30/2015	<1.0	3.0	1.3	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	12/31/2014	<2.0	35	18	16	<2.0	<2.0	<2.0	<2.0	<8.0
	6/17/2014	<1.0	73	43	38	<1.0	<1.0	<1.0	<1.0	<4.0
	12/18/2013	<2.0	64	43	45	<2.0	<2.0	<2.0	<2.0	<8.0
	6/5/2013	<1.0	96	50	46	<1.0	<1.0	<1.0	<1.0	<4.0
	12/5/2012	<2.0	110	46	38	<2.0	<2.0	<2.0	<2.0	<8.0
	4/4/2012	<2.0	180	50	41	<2.0	<2.0	<2.0	<2.0	<8.0

TABLE 6. SUMMARY OF ORGANIC GROUNDWATER ANALYTICAL RESULTS
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO

Monitoring Well	Date Sampled	PCE (µg/L)	TCE (µg/L)	*cis* DCE (µg/L)	*trans* DCE (µg/L)	1,1 DCE (µg/L)	Vinyl Chloride (µg/L)	1,1 DCA (µg/L)	MTBE (µg/L)	Total Napthalenes (µg/L)
MW-6E	7/8/2016	<1.0	120	69	78	<1.0	<1.0	<1.0	<1.0	<4.0
	1/15/2016	<1.0	210	87	87	<1.0	<1.0	<1.0	<1.0	<4.0
	7/1/2015	<1.0	260	93	84	<1.0	<1.0	<1.0	<1.0	<4.0
	1/16/2015	<10	360	100	100	<10	<10	<10	<10	<40
	6/18/2014	<10	410	120	92	<10	<10	<10	<10	<40
	12/19/2013	<10	510	110	93	<10	<10	<10	<10	<40
	6/5/2013	<1.0	690	120	87	<1.0	<1.0	<1.0	<1.0	<4.0
	12/5/2012	<1.0	680	120	83	<1.0	<1.0	<1.0	<1.0	<4.0
	4/4/2012	1.6	760	140	71	<1.0	<1.0	<1.0	<1.0	<4.0
MW-6F	7/5/2016	<1.0	1.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	1/14/2016	<1.0	1.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	6/29/2015	<1.0	1.4	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	12/29/2014	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<8.0
	6/18/2014	<1.0	2.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	12/18/2013	<2.0	3.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<8.0
	6/5/2013	<1.0	4.0	1.3	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	12/5/2012	<2.0	5.5	2.8	<2.0	<2.0	<2.0	<2.0	<2.0	<8.0
	4/3/2012	<2.0	11	7.2	2.7	<2.0	<2.0	<2.0	<2.0	<8.0
MW-6G	7/6/2016	<1.0	110	83	95	<1.0	<1.0	<1.0	<1.0	<4.0
	1/15/2016	1.3	91	65	83	<1.0	<1.0	<1.0	<1.0	<4.0
	6/29/2015	Not Sampled - No Access								
	12/29/2014	2.1	69	45	61	<2.0	<2.0	<2.0	<2.0	<8.0
	6/19/2014	<2.0	80	49	80	<2.0	<2.0	<2.0	<2.0	<8.0
	12/17/2013	Not Sampled - No Access								
	6/5/2013	2.5	69	41	69	<1.0	<1.0	<1.0	<1.0	<4.0
	12/5/2012	Not Sampled								
	4/4/2012	1.3	71	42	66	<1.0	<1.0	<1.0	<1.0	<4.0
MW-6H-S	7/6/2016	<1.0	100	60	71	<1.0	<1.0	<1.0	<1.0	<4.0
	1/15/2016	<1.0	140	59	70	<1.0	<1.0	<1.0	<1.0	<4.0
	6/30/2015	<1.0	110	53	68	<1.0	<1.0	<1.0	<1.0	<4.0
	12/29/2014	<2.0	94	45	52	<2.0	<2.0	<2.0	<2.0	<8.0
	6/18/2014	<1.0	47	38	50	<1.0	<1.0	<1.0	<1.0	<4.0
	12/18/2013	<2.0	5.8	37	63	<2.0	<2.0	<2.0	<2.0	<8.0
	6/5/2013	<2.0	7.2	32	42	<2.0	<2.0	<2.0	<2.0	<8.0
	12/5/2012	<2.0	8.0	23	25	<2.0	<2.0	<2.0	<2.0	<8.0
	4/3/2012	2.8	43	20	21	<1.0	<1.0	<1.0	<1.0	<4.0
MW-6H-D	7/6/2016	2.9	74	22	24	<1.0	<1.0	<1.0	<1.0	<4.0
	1/15/2016	3.2	110	29	34	<1.0	<1.0	<1.0	<1.0	<4.0
	6/30/2015	3.8	90	26	30	<1.0	<1.0	<1.0	<1.0	<4.0
	12/29/2014	4.0	90	24	29	<1.0	<1.0	<1.0	<1.0	<4.0
	6/18/2014	4.1	90	22	30	<1.0	<1.0	<1.0	<1.0	<4.0
	12/18/2013	4.2	87	22	29	<1.0	<1.0	<1.0	<1.0	<4.0
	6/5/2013	<1.0	2.5	28	35	<1.0	<1.0	<1.0	<1.0	<4.0
	12/5/2012	<1.0	1.7	50	13	<1.0	<1.0	<1.0	<1.0	<4.0
	4/3/2012	6.5	62	15	19	<1.0	<1.0	<1.0	<1.0	<4.0

TABLE 6. SUMMARY OF ORGANIC GROUNDWATER ANALYTICAL RESULTS
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO

Monitoring Well	Date Sampled	PCE (µg/L)	TCE (µg/L)	*cis* DCE (µg/L)	*trans* DCE (µg/L)	1,1 DCE (µg/L)	Vinyl Chloride (µg/L)	1,1 DCA (µg/L)	MTBE (µg/L)	Total Napthalenes (µg/L)
MW-8	7/6/2016	1.3	160	95	86	<1.0	<1.0	<1.0	<1.0	<4.0
	1/15/2016	<1.0	260	99	89	<1.0	<1.0	<1.0	<1.0	<4.0
	7/1/2015	<1.0	73	23	18	<1.0	<1.0	<1.0	<1.0	<4.0
	12/31/2014	<5.0	400	110	79	<5.0	<5.0	<5.0	<5.0	<20
	6/18/2014	<5.0	580	130	83	<5.0	<5.0	<5.0	<5.0	<20
	12/18/2013	7.9	550	120	88	<5.0	<5.0	<5.0	<5.0	<20
	6/5/2013	11	880	150	90	<1.0	<1.0	<1.0	<1.0	<4.0
	12/5/2012	<5.0	1,000	130	76	<5.0	<5.0	<5.0	<5.0	<20
	4/4/2012	<5.0	1,000	150	96	<5.0	<5.0	<5.0	<5.0	<20
	3/31/2011	2.4	1,500	150	57	<1.0	<1.0	<1.0	<1.0	<4.0
	9/2/2009	15	1,200	170	72	<5.0	<5.0	<5.0	<5.0	<20
	1/26/2009	8.4	1,400	140	64	<5.0	<5.0	<5.0	<5.0	<20
	7/7/2008	<5.0	1,500	160	70	<5.0	<5.0	<5.0	<5.0	<20
	12/19/2007	<5.0	1,200	274	84	<5.0	<5.0	<5.0	<5.0	<20
	5/15/2007	17	2,300	240	82	<10	<10	<10	<10	<40
MW-9	7/6/2016	<1.0	3.1	3.8	1.4	<1.0	<1.0	<1.0	<1.0	<4.0
	1/14/2016	<1.0	4.2	4.4	1.5	<1.0	<1.0	<1.0	<1.0	<4.0
	6/30/2015	<1.0	5.9	5.3	2.9	<1.0	<1.0	<1.0	<1.0	<4.0
	12/31/2014	2.4	9.3	7.6	3.9	<1.0	<1.0	<1.0	<1.0	<4.0
	6/17/2014	6.2	20	11	6.0	<1.0	<1.0	<1.0	<1.0	<4.0
	12/18/2013	21	21	9.8	6.7	<1.0	<1.0	<1.0	<1.0	<4.0
	6/6/2013	53	67	20	12	<5.0	<5.0	<5.0	<5.0	<20
	12/6/2012	58	95	20	14	<5.0	<5.0	<5.0	<5.0	<20
	4/4/2012	14	130	32	27	<1.0	<1.0	<1.0	<1.0	<4.0
	3/31/2011	4.2	140	22	28	<1.0	<1.0	<1.0	<1.0	<4.0
	9/1/2009	7.1	50	7.7	6.0	<1.0	<1.0	<1.0	<1.0	<4.0
	1/27/2009	4.3	44	5.6	3.4	<1.0	<1.0	<1.0	<1.0	<4.0
	7/1/2008	130	280	26	18	<5.0	<5.0	<5.0	<5.0	<20
	12/19/2007	55	200	20	17	<2.0	<2.0	<2.0	<2.0	<8.0
	5/16/2007	140	160	8.0	5.1	<1.0	<1.0	<1.0	<1.0	<4.0
MW-10	7/5/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	1/13/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	6/29/2015	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	12/29/2014	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	6/17/2014	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	12/17/2013	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	6/5/2013	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	12/6/2012	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	4/4/2012	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	3/31/2011	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	9/1/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	1/27/2009	1.4	4.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	7/1/2008	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	12/20/2007	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.1
	5/16/2007	<1.0	1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	11

TABLE 6. SUMMARY OF ORGANIC GROUNDWATER ANALYTICAL RESULTS
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO

Monitoring Well	Date Sampled	PCE (µg/L)	TCE (µg/L)	*cis* DCE (µg/L)	*trans* DCE (µg/L)	1,1 DCE (µg/L)	Vinyl Chloride (µg/L)	1,1 DCA (µg/L)	MTBE (µg/L)	Total Napthalenes (µg/L)
MW-11	7/6/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	1/14/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	6/30/2015	1.7	1.3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	12/31/2014	1.7	1.9	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	6/17/2014	15	10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	12/17/2013	4.7	13	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	6/5/2013	4.9	2.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	12/6/2012	37	6.7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	4/4/2012	32	47	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	4/1/2011	31	18	1.1	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	9/1/2009	5.8	24	1.7	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	1/27/2009	10	35	1.6	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	7/1/2008	8.1	49	1.9	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	12/19/2007	28	59	2.3	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	5/16/2007	24	51	1.9	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
MW-12	7/6/2016	7.6	18	9.8	8.1	<1.0	<1.0	<1.0	<1.0	<4.0
	1/14/2016	11	29	8.9	7.7	<1.0	<1.0	<1.0	<1.0	<4.0
	6/30/2015	12	47	10	7.8	<1.0	<1.0	<1.0	<1.0	<4.0
	12/31/2014	23	96	17	13	<1.0	<1.0	<1.0	<1.0	<4.0
	6/18/2014	89	310	23	20	<5.0	<5.0	<5.0	<5.0	<20
	12/19/2013	130	340	16	18	<5.0	<5.0	<5.0	<5.0	<20
	6/6/2013	11	330	14	8.7	<1.0	<1.0	<1.0	<1.0	<4.0
	12/6/2012	31	260	28	17	<1.0	<1.0	<1.0	<1.0	<4.0
	4/4/2012	3.7	81	27	18	<1.0	<1.0	<1.0	<1.0	<4.0
	3/31/2011	5.0	210	29	25	<1.0	<1.0	<1.0	<1.0	<4.0
	9/1/2009	1.1	210	33	24	<1.0	<1.0	<1.0	<1.0	<4.0
	1/27/2009	3.7	180	37	21	<2.0	<2.0	<2.0	<2.0	<8.0
	7/1/2008	5.2	140	11	<5.0	<5.0	<5.0	<5.0	<5.0	<20
	12/19/2007	8.3	230	35	23	<2.0	<2.0	<2.0	<2.0	<8.0
	5/16/2007	8.2	170	4.1	1.2	<1.0	<1.0	<1.0	<1.0	<4.0
MW-14S	7/6/2016	2.1	180	110	86	<1.0	<1.0	<1.0	<1.0	<4.0
	1/20/2016	<1.0	6.0	1.8	3.7	<1.0	<1.0	<1.0	<1.0	<4.0
	7/22/2015	2.5	95	16	10	<1.0	<1.0	<1.0	<1.0	<4.0
	12/31/2014	<10	850	200	77	<10	<10	<10	<10	<40
	6/18/2014	5.6	1,500	220	73	<5.0	<5.0	<5.0	<5.0	<20
	12/19/2013	30	1,700	200	85	<5.0	<5.0	<5.0	<5.0	<20
	6/5/2013	97	3,100	220	77	<20	<20	<20	<20	<80
	12/6/2012	110	3,100	200	70	<20	<20	<20	<20	<80
	4/5/2012	36	3,700	280	93	<20	<20	<20	<20	<80
	4/1/2011	4.5	4,200	370	96	1.4	<1.0	<1.0	<1.0	<4.0
	9/2/2009	49	2,000	300	170	<5.0	<5.0	<5.0	<5.0	<20
	1/26/2009	61	2,100	230	76	<5.0	<5.0	<5.0	<5.0	<20
	7/3/2008	26	2,400	230	48	<10	<10	<10	<10	<40
	12/19/2007	14	970	220	22	<5.0	<5.0	<5.0	<5.0	<20
	5/16/2007	18	190	11	2.7	<1.0	<1.0	<1.0	<1.0	<4.0

TABLE 6. SUMMARY OF ORGANIC GROUNDWATER ANALYTICAL RESULTS
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO

Monitoring Well	Date Sampled	PCE (µg/L)	TCE (µg/L)	*cis* DCE (µg/L)	*trans* DCE (µg/L)	1,1 DCE (µg/L)	Vinyl Chloride (µg/L)	1,1 DCA (µg/L)	MTBE (µg/L)	Total Napthalenes (µg/L)
MW-14D	7/7/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	1/14/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	7/1/2015	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	12/30/2014	<1.0	1.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	6/19/2014	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	12/18/2013	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	6/5/2013	3.3	5.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	12/6/2012	2.8	5.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	4/5/2012	1.8	4.3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	4/1/2011	15	28	<1.0	1.2	<1.0	<1.0	<1.0	<4.0	<4.0
	9/1/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	1/26/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	7/3/2008	10	19	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	12/19/2007	2.0	4.8	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	5/15/2007	<1.0	1.3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
MW-15S	7/6/2016	11	98	97	100	<1.0	<1.0	<1.0	<1.0	<4.0
	1/15/2016	17	140	110	110	<1.0	<1.0	<1.0	<1.0	<4.0
	6/30/2015	20	170	96	120	<2.0	<2.0	<2.0	<2.0	<8.0
	12/31/2014	32	210	150	190	<2.0	<2.0	<2.0	<2.0	<8.0
	6/17/2014	31	210	140	240	<1.0	<1.0	<1.0	<1.0	<4.0
	12/18/2013	79	310	130	240	<2.0	<2.0	<2.0	<2.0	<8.0
	6/5/2013	11	220	140	290	<1.0	<1.0	<1.0	<1.0	<4.0
	12/6/2012	46	240	150	250	<1.0	<1.0	<1.0	<1.0	<4.0
	4/5/2012	11	31	19	35	<1.0	<1.0	<1.0	<1.0	<4.0
	4/1/2011	4.0	270	160	290	<1.0	<1.0	<1.0	<1.0	<4.0
	9/2/2009	1.7	250	130	250	<1.0	<1.0	<1.0	<1.0	<4.0
	1/26/2009	<1.0	280	180	330	<1.0	<1.0	<1.0	<1.0	<4.0
	7/3/2008	<10	470	220	440	<10	<10	<10	<10	<40
	12/19/2007	<10	560	260	440	<10	<10	<10	<10	<40
	5/16/2007	<1.0	720	300	430	<10	<10	<10	<10	<40
MW-15D	7/7/2016	<1.0	1.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	1/20/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	7/1/2015	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	12/30/2014	<1.0	1.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	6/19/2014	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	12/18/2013	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	6/5/2013	3.1	5.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	12/6/2012	2.8	4.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	4/4/2012	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	4/1/2011	<1.0	1.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	9/1/2009	<1.0	1.3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	1/26/2009	<1.0	3.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	7/3/2008	<1.0	1.3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	12/19/2007	<1.0	1.9	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	5/15/2007	<1.0	1.4	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
MW-16	7/5/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	1/13/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	6/29/2015	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<8.0
	12/16/2014	1.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
MW-17	7/5/2016	3.2	220	43	35	<1.0	<1.0	<1.0	<1.0	<4.0
NMED SS	7/5/2016	2.9	220	45	40	<0.69	<0.70	<0.28	<0.14	<0.38
	1/15/2016	3.1	240	50	46	<1.0	<1.0	<1.0	<1.0	<4.0
	6/30/2015	2.7	150	35	35	<1.0	<1.0	<1.0	<1.0	<4.0
	12/16/2014	1.2	57	13	11	<1.0	<1.0	<1.0	1.0	<4.0

TABLE 6. SUMMARY OF ORGANIC GROUNDWATER ANALYTICAL RESULTS
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO

Monitoring Well	Date Sampled	PCE (µg/L)	TCE (µg/L)	*cis* DCE (µg/L)	*trans* DCE (µg/L)	1,1 DCE (µg/L)	Vinyl Chloride (µg/L)	1,1 DCA (µg/L)	MTBE (µg/L)	Total Napthalenes (µg/L)
MW-18S	7/5/2016	<1.0	36	16	18	<1.0	<1.0	<1.0	<1.0	<4.0
	1/15/2016	<1.0	15	7.3	8.9	<1.0	<1.0	<1.0	<1.0	<4.0
	6/29/2015	<1.0	4.1	2.5	1.7	<1.0	<1.0	<1.0	<1.0	<4.0
	12/16/2014	<1.0	3.4	1.6	1.3	<1.0	<1.0	<1.0	<1.0	<4.0
MW-18D	7/7/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	1/14/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	7/1/2015	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	1/16/2015	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
MW-19	7/5/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	3.2	<4.0
	1/13/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	4.3	<4.0
	6/29/2015	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	4.7	<4.0
	12/16/2014	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	3.6	<4.0
OB-1	7/6/2016	<1.0	2.7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	1/14/2016	<1.0	3.6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	6/30/2015	<2.0	3.2	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<8.0
	12/30/2014	<1.0	7.4	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
OB-2	7/6/2016	78	59	15	7.2	<1.0	<1.0	<1.0	<1.0	<4.0
	1/20/2016	28	38	15	5.2	<1.0	<1.0	<1.0	<1.0	<4.0
	7/22/2015	130	140	40	14	<1.0	<1.0	<1.0	<1.0	<4.0
	12/30/2014	37	130	26	5.1	<1.0	<1.0	<1.0	<1.0	<4.0
OB-3	7/5/2016	<1.0	110	69	19	<1.0	<1.0	<1.0	<1.0	<4.0
NMED SS	7/5/2016	<0.27	110	68	22	<0.69	<0.70	<0.28	<0.14	<0.38
	1/20/2016	<1.0	130	68	17	<1.0	<1.0	<1.0	<1.0	<4.0
	7/22/2015	<1.0	220	75	17	<1.0	<1.0	<1.0	<1.0	<4.0
	1/28/2015	<1.0	440	84	13	<1.0	<1.0	<1.0	<1.0	<4.0
SVE-1	7/6/2016	150	20	2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	1/20/2016	190	51	4.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	7/22/2015	230	33	4.2	1.6	<1.0	<1.0	<1.0	<1.0	<4.0
	12/30/2014	510	56	6.6	<5.0	<5.0	<5.0	<5.0	<5.0	<20
	6/19/2014	860	160	13	<10	<10	<10	<10	<10	<40
SVE-2	7/6/2016	9.7	23	2.9	1.3	<1.0	<1.0	<1.0	<1.0	<4.0
	1/14/2016	15	22	3.2	1.5	<1.0	<1.0	<1.0	<1.0	<4.0
	6/30/2015	11	26	2.6	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	12/30/2014	14	36	4.9	1.7	<1.0	<1.0	<1.0	<1.0	<4.0
	6/19/2014	120	70	3.6	<2.0	<2.0	<2.0	<2.0	<2.0	<8.0
SVE-3	7/6/2016	5.0	11	3.8	4.4	<1.0	<1.0	<1.0	<1.0	<4.0
	1/14/2016	9.9	12	3.2	4.1	<2.0	<2.0	<2.0	<2.0	<8.0
	6/30/2015	16	7.6	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<8.0
	12/31/2014	22	5.7	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<8.0
	6/18/2014	54	12	2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<8.0
Various Other Site Monitoring Wells										
BIA-MW-1	6/30/2015	<1.0	3.1	3.3	1.6	<1.0	<1.0	<1.0	<1.0	<4.0
(AKA	12/29/2014	<1.0	6.7	6.6	4.5	<1.0	<1.0	<1.0	<1.0	<4.0
BIA-MW-2)	6/17/2014	Not Sampled								
	12/17/2013	<1.0	11	9.6	5.0	<1.0	<1.0	<1.0	<1.0	<4.0
	6/5/2013	Not Sampled								
	12/5/2012	Not Sampled								
	3/31/2011	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.1	<4.0
	9/1/2012	<1.0	1.8	4	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	1/27/2009	Bailer still obstructing well.								
	7/7/2008	Bailer lost in well.								
	12/19/2007	<1.0	40	30	8.6	<1.0	<1.0	<1.0	1.1	<4.0
	5/16/2007	<1.0	31	27	5.4	<1.0	<1.0	<1.0	<1.0	<4.0

TABLE 6. SUMMARY OF ORGANIC GROUNDWATER ANALYTICAL RESULTS
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO

Monitoring Well	Date Sampled	PCE (µg/L)	TCE (µg/L)	*cis* DCE (µg/L)	*trans* DCE (µg/L)	1,1 DCE (µg/L)	Vinyl Chloride (µg/L)	1,1 DCA (µg/L)	MTBE (µg/L)	Total Napthalenes (µg/L)
BIA-MW-3	7/6/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	1/13/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	6/30/2015	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	12/29/2014	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	6/17/2014	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	12/17/2013	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	6/5/2013	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	12/5/2012	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	4/4/2012	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	3/31/2011	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	9/1/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.7	<4.0
	1/26/2009	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.5	<4.0
	7/7/2008	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.0	<4.0
	12/19/2007	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.8	<4.0
	5/15/2007	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.6	<4.0
New BIA-E-MW	7/6/2016	<1.0	46	39	52	<1.0	<1.0	<1.0	<1.0	<4.0
	1/15/2016	<1.0	53	32	43	<1.0	<1.0	<1.0	<1.0	<4.0
	7/1/2015	<1.0	83	51	72	<1.0	<1.0	<1.0	<1.0	<4.0
	12/29/2014	<5.0	180	110	130	<5.0	<5.0	<5.0	<5.0	<20
	6/18/2014	<1.0	280	140	150	<1.0	<1.0	<1.0	<1.0	<4.0
	12/18/2013	<5.0	330	120	160	<5.0	<5.0	<5.0	<5.0	<20
	6/5/2013	<1.0	570	170	160	<1.0	<1.0	<1.0	<1.0	<4.0
	12/5/2012	<1.0	310	77	68	<1.0	<1.0	<1.0	<1.0	<4.0
	4/4/2012	<5.0	1,100	200	89	<5.0	<5.0	<5.0	<5.0	<20
	3/31/2011	<1.0	1,300	190	40	<1.0	<1.0	<1.0	<1.0	<4.0
	9/2/2009	<1.0	1,600	190	75	1.1	<1.0	<1.0	<1.0	<4.0
	1/27/2009	<1.0	1,200	190	54	<1.0	<1.0	<1.0	<1.0	<4.0
	7/7/2008	<1.0	1,000	230	46	<1.0	<1.0	<1.0	<1.0	<4.0
	12/19/2007	<1.0	500	93	31	<1.0	<1.0	<1.0	<1.0	<4.0
BG-BMW-1	12/17/2013	Not Sampled - Could Not Locate								
	6/5/2013	<1.0	6.3	46	91	<1.0	<1.0	<1.0	<1.0	<4.0
	12/5/2012	<1.0	19	47	83	<1.0	<1.0	<1.0	<1.0	<4.0
	4/2/2012	<1.0	10	45	79	<1.0	<1.0	<1.0	<1.0	<4.0
	3/31/2011	<1.0	1.9	18	29	<1.0	<1.0	<1.0	<1.0	<4.0
	9/1/2009	<1.0	38	31	42	<1.0	<1.0	<1.0	<1.0	<4.0
	1/28/2009	3.1	81	28	32	<1.0	<1.0	<1.0	<1.0	<4.0
	7/2/2008	<1.0	56	43	57	<1.0	<1.0	<1.0	<1.0	<4.0
	12/20/2007	2.4	140	42	48	<2.0	<2.0	<2.0	<2.0	<8.0
	5/17/2007	<2.0	140	96	96	<2.0	<2.0	<2.0	<2.0	<8.0
BG-BMW-7	1/27/2009	Paved Over. Not Sampled.								
	7/2/2008	Dry								
	12/19/2007	Dry								
	5/17/2007	<5.0	290	150	160	<5.0	<5.0	<5.0	10	<20
BG-BMW-8	7/6/2016	<1.0	36	50	76	<1.0	<1.0	<1.0	<1.0	<4.0
	1/15/2016	<1.0	26	43	68	<1.0	<1.0	<1.0	<1.0	<4.0
	6/30/2015	<1.0	21	38	59	<1.0	<1.0	<1.0	<1.0	<4.0
	12/29/2014	<2.0	24	37	54	<2.0	<2.0	<2.0	<2.0	<8.0
	6/18/2014	<1.0	17	35	60	<1.0	<1.0	<1.0	<1.0	<4.0
	12/18/2013	<1.0	16	27	40	<1.0	<1.0	<1.0	<1.0	<4.0
	6/5/2013	<0.2	6.9	34	54	<0.2	0.5	<0.1	<0.1	<0.3

TABLE 6. SUMMARY OF ORGANIC GROUNDWATER ANALYTICAL RESULTS
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO

Monitoring Well	Date Sampled	PCE (µg/L)	TCE (µg/L)	*cis* DCE (µg/L)	*trans* DCE (µg/L)	1,1 DCE (µg/L)	Vinyl Chloride (µg/L)	1,1 DCA (µg/L)	MTBE (µg/L)	Total Napthalenes (µg/L)
BG-BMW-12	7/6/2016	<1.0	200	64	69	<1.0	<1.0	<1.0	<1.0	<4.0
	1/15/2016	<1.0	280	73	75	<1.0	<1.0	<1.0	<1.0	<4.0
	6/30/2015	<1.0	230	59	62	<1.0	<1.0	<1.0	<1.0	<4.0
	12/29/2014	<2.0	190	53	58	<2.0	<2.0	<2.0	<2.0	<8.0
	6/18/2014	<1.0	180	47	55	<1.0	<1.0	<1.0	<1.0	<4.0
	12/18/2013	<1.0	140	36	43	<1.0	<1.0	<1.0	<1.0	<4.0
	6/5/2013	<1.0	150	36	46	<1.0	<1.0	<1.0	<1.0	<4.0
	12/5/2012	<1.0	110	30	38	<1.0	<1.0	<1.0	<1.0	<4.0
	4/2/2012	1.3	94	28	38	<1.0	<1.0	<1.0	<1.0	<4.0
	3/31/2011	<1.0	44	16	20	<1.0	<1.0	<1.0	<1.0	<4.0
	9/1/2009	1.3	59	18	23	<1.0	<1.0	<1.0	<1.0	<4.0
	1/28/2009	2.2	46	41	50	<1.0	<1.0	<1.0	<1.0	<4.0
	7/2/2008	No Access. Not Sampled.								
	12/21/2007	<2.0	90	61	74	<2.0	<2.0	<2.0	<2.0	<8.0
	5/17/2007	2.2	130	29	30	<1.0	<1.0	<1.0	<1.0	<4.0
CA-FSY-14	7/5/2016	<1.0	1.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	1/14/2016	<1.0	1.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	6/29/2015	<1.0	1.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	12/29/2014	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<8.0
	6/18/2014	<1.0	1.7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	12/18/2013	<1.0	1.4	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	6/6/2013	0.2	1.7	0.4	<0.2	<0.2	<0.3	<0.1	<0.1	<0.3
Mt. Calvary Cemetery North	7/19/2016	<1.0	2.0	<1.0	<1.0	<1.0	<1.0	<1.0	5.7	<4.0
	7/2/2015	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	4.7	<4.0
	6/26/2013	<0.2	<0.2	<0.1	<0.2	<0.2	<0.3	<0.1	5.2	<0.3
Mt. Calvary South Well	7/19/2016	19	41	1.7	<1.0	<1.0	<1.0	<1.0	5.5	<4.0
	7/2/2015	21	44	1.3	<1.0	<1.0	<1.0	<1.0	4.8	<4.0
	6/26/2013	17	28	0.6	<0.2	<0.2	<0.3	<0.1	4.7	<0.3
CHMW-E	7/6/2016	<1.0	5.2	2.5	<1.0	<1.0	<1.0	<1.0	6.9	<4.0
	1/15/2016	<1.0	6.4	2.7	<1.0	<1.0	<1.0	<1.0	6.6	<4.0
	6/29/2015	<1.0	6.9	3.0	<1.0	<1.0	<1.0	<1.0	6.9	<4.0
	12/29/2014	<2.0	6.1	2.8	<2.0	<2.0	<2.0	<2.0	6.4	<8.0
	6/18/2014	<1.0	8.4	3.4	<1.0	<1.0	<1.0	<1.0	5.7	<4.0
	12/18/2013	<1.0	8.9	3.7	<1.0	<1.0	<1.0	<1.0	6.3	<4.0
	6/5/2013	1.0	9.4	2.6	<1.0	<1.0	<1.0	<1.0	9.6	<4.0
	12/5/2012	<1.0	9.1	3.0	<1.0	<1.0	<1.0	<1.0	13	<4.0
	4/3/2012	<2.0	24	7.5	<2.0	<2.0	<2.0	<2.0	9.1	<8.0
	4/1/2011	<1.0	18	4.4	1.3	<1.0	<1.0	<1.0	13	<4.0
	9/1/2009	<1.0	23	6.1	1.2	<1.0	<1.0	2.5	15	<4.0
	1/28/2009	2.6	19	3.9	<1.0	<1.0	<1.0	<1.0	18	<4.0
	7/2/2008	<1.0	15	2.9	<1.0	<1.0	<10	<1.0	17	<4.0
	12/20/2007	<1.0	11	2.0	<1.0	<1.0	<10	<1.0	22	<4.0
	5/17/2007	<1.0	19	2.6	<1.0	<1.0	<1.0	<1.0	20	<4.0
MW-4H-01	7/5/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	1/13/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	6/29/2015	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	12/29/2014	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	6/17/2014	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	12/18/2013	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	6/5/2013	<0.2	1.4	0.5	<0.2	<0.1	<0.3	<0.1	<0.1	<0.3

TABLE 6. SUMMARY OF ORGANIC GROUNDWATER ANALYTICAL RESULTS
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO

Monitoring Well	Date Sampled	PCE (µg/L)	TCE (µg/L)	*cis* DCE (µg/L)	*trans* DCE (µg/L)	1,1 DCE (µg/L)	Vinyl Chloride (µg/L)	1,1 DCA (µg/L)	MTBE (µg/L)	Total Napthalenes (µg/L)
MW-4H-02	7/5/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	1/13/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	6/29/2015	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	12/29/2014	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<8.0
	6/18/2014	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	12/18/2013	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	6/5/2013	<0.2	<0.2	<0.1	<0.2	<0.1	<0.3	<0.1	<0.1	<0.3
MW-4H-04	7/8/2016	<5.0	490	140	86	<5.0	<5.0	<5.0	<5.0	<20
	1/15/2016	9.9	840	190	130	<5.0	<5.0	<5.0	<5.0	<20
	7/1/2015	14	730	160	90	<1.0	<1.0	<1.0	<1.0	<4.0
	12/31/2014	20	930	170	98	<10	<10	<10	<10	<40
	6/18/2014	25	1,200	180	120	<10	<10	<10	<10	<40
	12/19/2013	23	1,300	170	110	<10	<10	<10	<10	<40
	6/5/2013	24	1,400	140	24	<5.0	<5.0	<5.0	<5.0	<20
	12/5/2012	19	1,100	130	93	<5.0	<5.0	<5.0	<5.0	<20
	4/3/2012	19	1,100	120	100	<5.0	<5.0	<5.0	<5.0	<20
	4/1/2011	26	910	71	70	<1.0	<1.0	<1.0	<1.0	<4.0
	9/2/2009	27	880	110	120	<5.0	<5.0	<5.0	<5.0	<20
	1/28/2009	30	980	110	97	<5.0	<5.0	<5.0	<5.0	<20
	7/2/2008	59	1,400	120	130	<5.0	<5.0	<5.0	<5.0	<20
	12/20/2007	110	1,400	130	120	<10	<10	<10	<10	<40
	5/17/2007	170	2,900	210	170	<10	<10	<10	<10	<40
MW-4H-06	7/8/2016	1.4	410	100	93	<1.0	<1.0	<1.0	<1.0	<4.0
	1/15/2016	1.5	400	100	86	<1.0	<1.0	<1.0	<1.0	<4.0
	7/7/2015	1.7	460	91	83	<1.0	<1.0	<1.0	<1.0	<4.0
	12/29/2014	<5.0	340	81	68	<5.0	<5.0	<5.0	<5.0	<20
	6/18/2014	8.9	270	62	68	<5.0	<5.0	<5.0	<5.0	<20
	12/18/2013	<5.0	230	59	55	<5.0	<5.0	<5.0	<5.0	<20
	6/6/2013	12	220	52	54	0.2	<0.3	<0.1	<0.1	<0.3
NI-MW-2	7/6/2016	<1.0	95	120	130	<1.0	<1.0	<1.0	<1.0	<4.0
	1/15/2016	<1.0	140	190	200	<1.0	<1.0	<1.0	<1.0	<4.0
	6/30/2015	<1.0	190	220	250	<1.0	<1.0	<1.0	<1.0	<4.0
	12/31/2014	<10	210	190	230	<10	<10	<10	<10	<40
	6/18/2014	<10	320	230	280	<10	<10	<10	<10	<40
	12/19/2013	<10	270	200	230	<10	<10	<10	<10	<40
	6/5/2013	<1.0	470	210	250	<1.0	<1.0	<1.0	<1.0	<4.0
	12/5/2012	<1.0	350	160	170	<1.0	<1.0	<1.0	<1.0	<4.0
	4/3/2012	<1.0	460	210	220	<1.0	<1.0	<1.0	<1.0	<4.0
	4/1/2011	<1.0	510	140	150	<1.0	<1.0	<1.0	<1.0	<4.0
	9/2/2009	<5.0	750	210	160	<5.0	<5.0	<5.0	<5.0	<20
	1/28/2009	<5.0	820	180	120	<5.0	<5.0	<5.0	<5.0	<20
	7/2/2008	<5.0	1,300	200	160	<5.0	<5.0	<5.0	<5.0	<20
	12/20/2007	<5.0	1,300	230	140	<5.0	<5.0	<5.0	<5.0	<20
	5/17/2007	<10	1,700	250	150	<10	<10	<10	<10	<40

TABLE 6. SUMMARY OF ORGANIC GROUNDWATER ANALYTICAL RESULTS
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO

Monitoring Well	Date Sampled	PCE (µg/L)	TCE (µg/L)	*cis* DCE (µg/L)	*trans* DCE (µg/L)	1,1 DCE (µg/L)	Vinyl Chloride (µg/L)	1,1 DCA (µg/L)	MTBE (µg/L)	Total Napthalenes (µg/L)
RayMar-W	7/8/2016	<5.0	550	120	140	<5.0	<5.0	<5.0	<5.0	<20
	1/15/2016	<5.0	730	100	86	<5.0	<5.0	<5.0	<5.0	<20
	7/7/2015	<1.0	710	110	82	<1.0	<1.0	<1.0	1.3	<4.0
	12/31/2014	<10	540	82	64	<10	<10	<10	<10	<40
	6/18/2014	<10	580	90	65	<10	<10	<10	<10	<40
	12/19/2013	<10	500	80	60	<10	<10	<10	<10	<40
	6/5/2013	<2.0	590	73	58	<2.0	<2.0	<2.0	<2.0	<8.0
	12/5/2012	Not Sampled								
	4/2/2012	9.5	570	78	81	<1.0	<1.0	<1.0	<1.0	<4.0
	3/31/2011	<1.0	550	50	57	<1.0	<1.0	<1.0	<1.0	<4.0
	9/2/2009	15	700	92	75	<5.0	<5.0	<5.0	<5.0	<20
	1/28/2009	12	960	92	63	<5.0	<5.0	<5.0	<5.0	<20
	7/2/2008	<10	870	91	76	<10	<10	<10	<10	<40
	12/20/2007	<5.0	930	130	82	<5.0	<5.0	<5.0	<5.0	<20
	5/17/2007	12	1,500	150	92	<5.0	<5.0	<5.0	<5.0	<20
RayMar-E	7/8/2016	<5.0	620	93	80	<5.0	<5.0	<5.0	<5.0	<20
	1/15/2016	<5.0	740	98	90	<5.0	<5.0	<5.0	<5.0	<20
	7/1/2015	1.1	660	92	82	<1.0	<1.0	<1.0	<1.0	<4.0
	12/31/2014	<10	590	78	69	<10	<10	<10	<10	<40
	6/18/2014	3.6	700	89	78	<1.0	<1.0	<1.0	<1.0	<4.0
	12/19/2013	3.7	590	79	71	<1.0	<1.0	<1.0	<1.0	<4.0
	6/5/2013	7.0	680	91	89	0.5	<0.3	<0.1	<0.1	<0.3
SBM-1	7/7/2016	<1.0	60	6.7	1.1	<1.0	<1.0	<1.0	20	<4.0
	1/14/2016	<1.0	44	3.9	<1.0	<1.0	<1.0	<1.0	17	<4.0
	7/2/2015	1.0	33	2.9	<1.0	<1.0	<1.0	<1.0	15	<4.0
	1/5/2015	<1.0	22	1.5	<1.0	<1.0	<1.0	<1.0	12	<4.0
SBM-2	7/7/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	1/14/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	7/2/2015	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	1/5/2015	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
Menaul School Well	7/7/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
Sunset Production Wells	7/7/2016	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
	3/3/2015	<0.27	1.5	<0.16	<0.13	1.9	<0.70	0.89	<0.14	<0.38
Sunset Hand Pump Well	7/7/2016	<1.0	1.6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0
NMWQCC Groundwater Standard		**20**	**100**	**-**	**-**	**5**	**1**	25	100*	30

NOTES:
* Environmental Improvement Board standard
Shaded where concentration is at or exceeds the NMWQCC standard.
- = Not Analyzed
cis, trans DCE = 1,2 dichloroethene
DCA = dichloroethane
MTBE = methyl tert-butyl ether
ND = non-detect/not detected
NMED SS = New Mexico Environment Department Split Sample
NMWQCC = New Mexico Water Quality Control Commission
PCE = perchloroethylene
TCE = trichloroethylene
µg/L = micrograms per liter

TABLE 7. PILOT TEST OPERATION TASKS
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO

Task	Task Description	Frequency			
		Bi-Weekly	Monthly	Quarterly	Semi-Annual
1	Record of system vapor and water flow rates/vacuums/pressures	X	X	X	X
2	Visually inspect system performance	X	X	X	X
3	Identify issues and/or problems to be addressed	X	X	X	X
4	Check blower oil level	X	X	X	X
5	Drain knock-out pot fluids	X	X	X	X
6	General cleanup and assessment of site security	X	X	X	X
7	Collect monthly vapor sample		X	X	X
8	Change blower oil			X	X
9	Gauge well vacuum in soil vapor extraction wells			X	X
10	Prepare Semi-Annual Pilot Test Performance Report				X

TABLE 8. PILOT TEST SYSTEM PERFORMANCE
LAUN-DRY SUPPLY COMPANY INC., ALBUQUERQUE, NEW MEXICO

	Flow Rate (scfm)					PID (ppmv)								Lab Analysis	
											Effluent				
Date	SVE-1	SVE-2	SVE-3	MW-6B	Influent	SVE-1	SVE-2	SVE-3	MW-6B	Influent	Between GAC 1 & GAC 2	Post GAC	System Effluent	Influent C_{PCE} (µg/L)	Influent C_{TCE} (µg/L)
7/1/2016	SYSTEM OFF					NM	NM	NM	NM	NM	---	---	NM	NM	NM
7/1/2016	32	23	18	55	128	5.2	0.4	3.0	4.6	3.6	---	---	3.8	NM	NM
6/6/2016	32	22	18	45	117	5.5	0.0	2.9	4.7	3.8	---	---	4.0	NM	NM
5/27/2016	32	24	22	45	123	3.3	0.1	1.1	3.0	1.1	---	---	NM	NM	NM
5/13/2016	32	24	18	42	116	3.4	2.6	5.0	4.9	1.7	---	---	3.6	NM	NM
4/29/2016	35	25	26	43	129	3.5	2.4	5.3	4.9	1.9	---	---	3.7	NM	NM
4/19/2016	34	25	27	42	128	5.0	3.6	5.0	6.0	2.3	---	---	1.8	NM	NM
4/4/2016	32	23	25	38	118	4.9	1.0	3.8	5.3	2.8	---	---	3.4	NM	NM
3/18/2016	31	23	25	40	119	3.7	0.6	3.1	3.9	1.4	---	---	NM	NM	NM
3/4/2016	30	22	24	33	109	6.5	0.0	5.5	6.3	5.1	---	---	NM	11	0.65
2/9/2016	35	25	25	40	125	NM	NM	NM	NM	NM	---	---	NM	NM	NM
2/3/2016	40	OFF	OFF	48	88	3.9	NM	NM	3.7	1.5	---	---	NM	NM	NM
1/25/2016	SYSTEM ON					NM	NM	NM	NM	NM	---	---	NM	NM	NM
12/1/2015	SYSTEM OFF					NM	NM	NM	NM	NM	---	---	NM	NM	NM
12/1/2015	38	OFF	OFF	48	86	6.9	OFF	OFF	9.4	8.3	---	---	0.0	NM	NM
11/5/2015	38	OFF	OFF	54	92	19.7	OFF	OFF	14.8	4.2	---	---	0.0	NM	NM
9/24/2015	38	OFF	OFF	48	86	15.5	OFF	OFF	38.3	16.5	---	---	0.0	NM	NM
9/4/2015	SYSTEM OFF					NM	NM	NM	NM	NM	---	---	NM	NM	NM
9/4/2015	38	OFF	OFF	47	85	10.9	OFF	OFF	11.3	7.2	---	---	0.0	35	1.7
8/3/2015	35	OFF	OFF	45	80	28.7	OFF	OFF	66.7	27.3	---	---	0.0	NM	NM
8/3/2015	28	22	32	35	117	28.7	0.0	3.2	66.7	27.3	---	---	0.0	NM	NM
6/25/2015	SYSTEM OFF					NM	NM	NM	NM	NM	---	---	NM	NM	NM
6/25/2015	36	OFF	OFF	45	81	0.0	OFF	OFF	8.6	6.4	---	---	0.0	NM	NM
6/5/2015	30	34	33	38	135	6.5	0.2	0.1	6.2	0.6	---	---	0.0	NM	NM
5/22/2015	30	30	35	38	133	23.5	16.7	15.6	39.4	11.7	---	---	7.0	34	1.1
4/23/2015	SYSTEM OFF					NM	NM	NM	NM	NM	---	---	NM	NM	NM
3/30/2015	24	35	40	38	137	29.5	12.9	13.1	56	30.5	---	---	24.7	NM	NM
12/5/2014	22	35	45	42	144	9.9	8.7	7.9	26.3	7.7	---	---	NM	NM	NM
11/19/2014	23	35	45	42	145	7.9	7.6	6.3	10.3	7.2	---	---	8.0	10	0.68
10/31/2014	22	34	44	41	141	16.8	12.1	12.1	20.7	12.5	---	---	12.2	NM	NM
10/17/2014	23	35	44	44	146	12.5	6.3	6.7	15.6	6.6	---	---	15.2	NM	NM
10/3/2014	23	35	44	41	143	20.8	14.8	15.7	29.7	18.7	---	---	18.4	NM	NM
9/12/2014	18	35	44	42	139	17.1	19.0	10.4	19.8	6.2	---	---	22.1	NM	NM
8/29/2014	18	35	43	40	136	38.4	20.4	23.1	44.3	23.0	---	---	21.8	NM	NM
8/14/2014	15	35	42	40	132	40.0	23.2	21.4	51.8	27.4	---	---	22.4	NM	NM
8/1/2014	17	35	42	40	134	35.5	20.3	19.8	55.5	24.6	---	---	24.3	NM	NM
7/18/2014	23	33	41	40	137	49.8	17.8	12.3	86.4	17.5	---	---	28.2	NM	NM
6/20/2014	23	46	52	50	171	49.8	17.8	12.3	86.4	17.5	---	59.3	---	48	1.1
6/16/2014	17	16	25	31	89	44.6	17.0	24.1	62.9	37.4	---	73.4	---	50	1.6
5/28/2014	14.5	15	21	32	82.5	45.7	18.8	27.6	52.3	28.4	45.3	---	---	NM	NM

TABLE 8. PILOT TEST SYSTEM PERFORMANCE
LAUN-DRY SUPPLY COMPANY INC., ALBUQUERQUE, NEW MEXICO

	Flow Rate (scfm)					PID (ppmv)								Lab Analysis	
											Effluent				
Date	SVE-1	SVE-2	SVE-3	MW-6B	Influent	SVE-1	SVE-2	SVE-3	MW-6B	Influent	Between GAC 1 & GAC 2	Post GAC	System Effluent	Influent C_{PCE} (µg/L)	Influent C_{TCE} (µg/L)
5/5/2014	19	17	25	34	95	37.2	18.9	17.8	57.7	21.7	4.8	---	---	NM	NM
4/24/2014	21	17	25	32	95	18.6	6.6	24.6	44.2	26.9	0.0	---	---	NM	NM
4/10/2014	20	17	25	31	93	43.2	21.5	18.9	53.5	23.9	0.0	---	---	NM	NM
4/1/2014	22	17	25	32	96	38.3	21.8	28.9	75.6	25.5	0.0	---	---	49	2.0
3/14/2014	20	17	20	34	91	37.7	10.9	12.9	114	54.5	0.0	---	---	NM	NM
2/28/2014	17.5	23.5	16	35.5	92.5	42.1	14.1	39.8	107	38.8	0.0	---	---	NM	NM
2/12/2014	17.5	12.5	11	40	81	67.3	36.9	33.4	205	113	0.0	---	---	NM	NM
1/31/2014	20	26	27	25	98	170	54.5	53.8	456	116	0.0	---	---	490	10
1/20/2014	24	25	25	25	99	116	84.3	281	558	146	0.0	---	---	NM	NM
12/23/2013	25	27	26	24	102	198	110	127	596	195	7.1	---	---	NM	NM
12/20/2013	23	28	27	25	103	233	149	159	1040	348	0.0	---	---	NM	NM
12/16/2013	22.5	22	27	25	96.5	303	155	175	803	344	0.0	---	---	NM	NM
12/12/2013	21	22	24	25	92	531	268	293	1210	492	0.0	---	---	NM	NM
12/9/2013	20	22	28	27	97	1240	398	579	2980	825	0.0	---	---	2100	32
12/5/2013	20	22	30	27	99	3040	838	1240	> 4000	1560	0.0	---	---	NM	NM
12/2/2013	25	22.5	26	25	98.5	> 4000	> 4000	3250	> 4000	> 4000	0.0	---	---	6900	43

NOTES:
Granular activated carbon (GAC) vessels were removed on 6/18/2014
1 µg/L = 6.24E-08 lb/ft3
C = concentration
PCE = perchloroethylene
PID = photoionization detector
ppmv = parts per million per volume
NM = not measured
scfm = standard cubic feet per minute
TCE = trichloroethylene
µg/L = microgram per liter

TABLE 9. PILOT TEST SYSTEM MASS REMOVAL
LAUN-DRY SUPPLY COMPANY INC., ALBUQUERQUE, NEW MEXICO

Date	Influent Flow Rate (scfm)	Average Flow Rate (scfm)	Influent PID (ppmv)	Lab Analysis (C)		PID Ratio		Estimated C (C_E)		Mass Flow Rate (lb/hr)		Mass Removal (lbs)		Total Mass Removed (lbs)	
				C_{PCE} (µg/L)	C_{TCE} (µg/L)	PID/PCE	PID/TCE	C_{EPCE} (µg/L)	C_{ETCE} (µg/L)	$\dot{m}_{PCE}$	$\dot{m}_{TCE}$	PCE	TCE	PCE	TCE
7/1/2016	SYSTEM OFF			NM	NM	NA	NA	NA	NA						
7/1/2016	128	125.5	3.6	NM	NM	NA	NA	8	0	0.0036484	0.000215588	3.065	0.181	743	18.37
6/6/2016	117	120	3.8	NM	NM	NA	NA	8	0	0.0036823	0.000217592	0.884	0.052	741	18.24
5/27/2016	123	119.5	1.1	NM	NM	NA	NA	2	0	0.0010615	6.27248E-05	0.357	0.021	740	18.19
5/13/2016	116	122.5	1.7	NM	NM	NA	NA	4	0	0.0016817	0.000099372	0.565	0.033	740	18.17
4/29/2016	129	128.5	1.9	NM	NM	NA	NA	4	0	0.0019716	0.000116503	0.473	0.028	739	18.13
4/19/2016	128	123	2.3	NM	NM	NA	NA	5	0	0.0022845	0.000134993	0.822	0.049	739	18.10
4/4/2016	118	118.5	2.8	NM	NM	NA	NA	6	0	0.0026794	0.000158327	1.093	0.065	738	18.06
3/18/2016	119	114	1.4	NM	NM	NA	NA	3	0	0.0012888	7.61574E-05	0.433	0.026	737	17.99
3/4/2016	109	117	5.1	11	0.65	0.4636364	7.8461538	11	1	0.0048185	0.000284731	2.775	0.164	736	17.97
2/9/2016	125	106.5	NM	NM	NM	NA	NA	3	0	0.00129	7.62289E-05	0.186	0.011	734	17.80
2/3/2016	88	87	1.5	NM	NM	NA	NA	7	0	0.0023751	0.000115362	0.513	0.025	733	17.79
1/25/2016	NM	87	NM	NM	NM	NA	NA	7	0						
12/1/2015	SYSTEM OFF			NM	NM	NA	NA	NA	NA						
12/1/2015	86	89	8.3	NM	NM	NA	NA	40	2	0.0134443	0.000653011	8.389	0.407	733	17.77
11/5/2015	92	89	4.2	NM	NM	NA	NA	20	1	0.0068032	0.000330439	6.858	0.333	725	17.36
9/24/2015	86	85.5	16.5	NM	NM	NA	NA	80	4						
9/4/2015	SYSTEM OFF			NM	NM	NA	NA	NA	NA						
9/4/2015	85	82.5	7.2	35	1.7	0.2057143	4.2352941	35	2	0.0108108	0.000525096	8.303	0.403	718	17.03
8/3/2015	80	98.5	27.3	NM	NM	NA	NA	79	3	0.0292569	0.000946546	0.000	0.000	709	16.62
8/3/2015	117	99	27.3	NM	NM	NA	NA	79	3						
6/25/2015	SYSTEM OFF			NM	NM	NA	NA	NA	NA						
6/25/2015	81	108	6.4	NM	NM	NA	NA	19	1	0.0075203	0.000243302	3.610	0.117	709	16.62
6/5/2015	135	134	0.6	NM	NM	NA	NA	2	0	0.0008748	2.83008E-05	0.294	0.010	706	16.51
5/22/2015	133	135	11.7	34	1.1	0.3441176	10.636364	34	1						
4/23/2015	SYSTEM OFF			NM	NM	NA	NA	NA	NA						
3/30/2015	137	140.5	30.5	NM	NM	NA	NA	42	3	0.0222833	0.001515264	61.502	4.182	706	16.50
12/5/2014	144	144.5	7.7	NM	NM	NA	NA	11	1	0.0057858	0.000393433	2.222	0.151	644	12.31
11/19/2014	145	143	7.2	10	0.68	0.72	10.588235	10	1	0.0053539	0.000364067	2.441	0.166	642	12.16
10/31/2014	141	143.5	12.5	NM	NM	NA	NA	34	1	0.0184205	0.000422136	6.189	0.142	639	12.00
10/17/2014	146	144.5	6.6	NM	NM	NA	NA	18	0	0.0097938	0.000224441	3.291	0.075	633	11.85
10/3/2014	143	141	18.7	NM	NM	NA	NA	51	1	0.027077	0.000620513	13.647	0.313	630	11.78
9/12/2014	139	137.5	6.2	NM	NM	NA	NA	17	0	0.0087545	0.000200625	2.942	0.067	616	11.47
8/29/2014	136	134	23	NM	NM	NA	NA	63	1	0.0316499	0.000725309	11.394	0.261	613	11.40
8/14/2014	132	133	27.4	NM	NM	NA	NA	75	2	0.0374232	0.000857616	11.676	0.268	602	11.14
8/1/2014	134	135.5	24.6	NM	NM	NA	NA	67	2	0.0342305	0.000784449	11.501	0.264	590	10.87
7/18/2014	137	140.5	17.5	NM	NM	NA	NA	48	1	0.0252495	0.000578635	16.968	0.389	579	10.61
6/20/2014	144	116.5	17.5	48	1.1	0.3645833	15.909091	48	1	0.02094	0.00048	2.010	0.046	562	10.22
6/16/2014	89	85.75	37.4	50	1.6	0.748	23.375	50	2	0.01605	0.00051	7.320	0.234	560	10.17
5/28/2014	82.5	88.75	28.4	NM	NM	NA	NA	55	2	0.01813	0.00074	10.010	0.409	552	9.94
5/5/2014	95	95	21.7	NM	NM	NA	NA	42	2	0.01483	0.00061	3.915	0.160	542	9.53
4/24/2014	95	94	26.9	NM	NM	NA	NA	52	2	0.01819	0.00074	6.112	0.249	538	9.37
4/10/2014	93	94.5	23.9	NM	NM	NA	NA	46	2	0.01625	0.00066	3.510	0.143	532	9.12
4/1/2014	96	93.5	25.5	49	2.0	0.5204082	12.75	49	2	0.01715	0.00070	7.410	0.302	529	8.98

TABLE 9. PILOT TEST SYSTEM MASS REMOVAL
LAUN-DRY SUPPLY COMPANY INC., ALBUQUERQUE, NEW MEXICO

Date	Influent Flow Rate (scfm)	Average Flow Rate (scfm)	Influent PID (ppmv)	Lab Analysis (C)		PID Ratio		Estimated C (C_E)		Mass Flow Rate (lb/hr)		Mass Removal (lbs)		Total Mass Removed (lbs)	
				C_{PCE} (µg/L)	C_{TCE} (µg/L)	PID/PCE	PID/TCE	C_{EPCE} (µg/L)	C_{ETCE} (µg/L)	$\dot{m}_{PCE}$	$\dot{m}_{TCE}$	PCE	TCE	PCE	TCE
3/14/2014	91	91.75	54.5	NM	NM	NA	NA	230	5	0.07908	0.00161	26.571	0.542	521	8.67
2/28/2014	92.5	86.75	38.8	NM	NM	NA	NA	164	3	0.05323	0.00109	20.441	0.417	495	8.13
2/12/2014	81	89.5	113	NM	NM	NA	NA	477	10	0.15995	0.00326	46.065	0.940	474	7.71
1/31/2014	98	98.5	116	490	10	0.2367347	11.6	490	10	0.18070	0.00369	47.706	0.974	428	6.77
1/20/2014	99	100.5	146	NM	NM	NA	NA	372	6	0.13984	0.00213	93.970	1.432	381	5.80
12/23/2013	102	102.5	195	NM	NM	NA	NA	496	8	0.19048	0.00290	13.715	0.209	287	4.37
12/20/2013	103	99.75	348	NM	NM	NA	NA	886	13	0.33082	0.00504	31.759	0.484	273	4.16
12/16/2013	96.5	94.25	344	NM	NM	NA	NA	876	13	0.30899	0.00471	29.663	0.452	241	3.68
12/12/2013	92	94.5	492	NM	NM	NA	NA	1252	19	0.44310	0.00675	31.903	0.486	212	3.22
12/9/2013	97	98	825	2100	32	0.3928571	25.78125	2100	32	0.77052	0.01174	73.969	1.127	180	2.74
12/5/2013	99	98.75	1560	NM	NM	NA	NA	3971	61	1.46812	0.02237	105.705	1.611	106	1.61
12/2/2013	98.5	98.5	4000+	6900	43	NA	NA	6900	43	2.54461	0.01586				

NOTES:
All estimated concentrations and mass removal calculations are based off of the PID/most recent laboratory analytical results ratio
Mass removal on 4/23/15 was calculated using the estimated concentrations from 5/22/15.
1 (µg/L) = 6.24E-08 lb/ft3
$\dot{m}$ = Q*C (Average flow rate * Estimated concentration)
C = concentration
lbs = pounds
PCE = perchloroethylene
PID = photoionization detector
ppmv = parts per million per volume
NA = Not applicable
scfm = standard cubic feet per minute
TCE = trichloroethylene
µg/L = microgram per liter

FIGURES

LEGEND

- Direct Push Soil Boring
- Injection Point
- Monitoring Well
- Observation Well
- SVE Well
- Railroad Alignment
- Loading Dock

N

0 25 50 100 Feet

1 inch = 50 feet
(11x17 print-out)

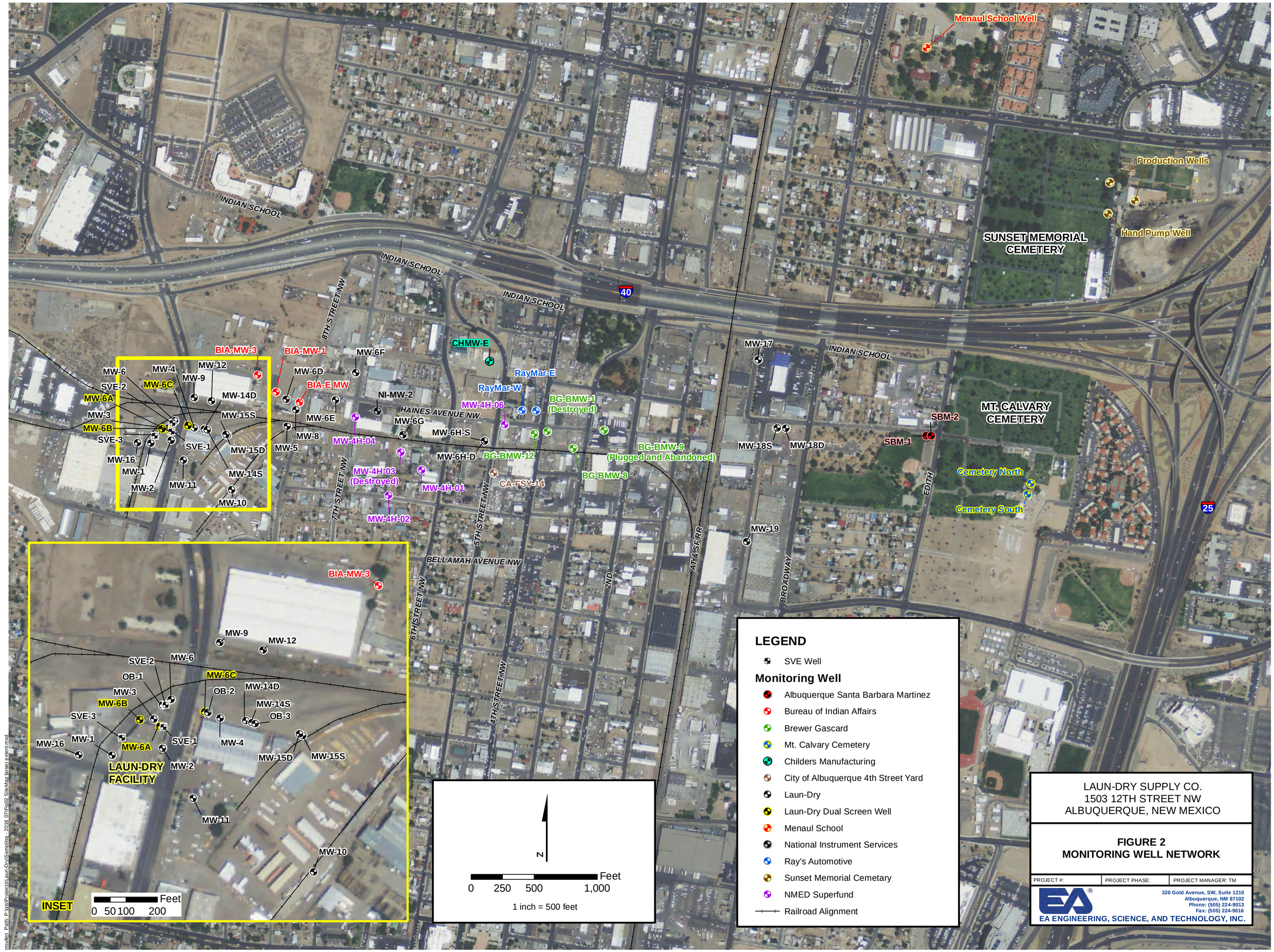
LAUN-DRY SUPPLY CO.
1503 12TH STREET NW
ALBUQUERQUE, NEW MEXICO

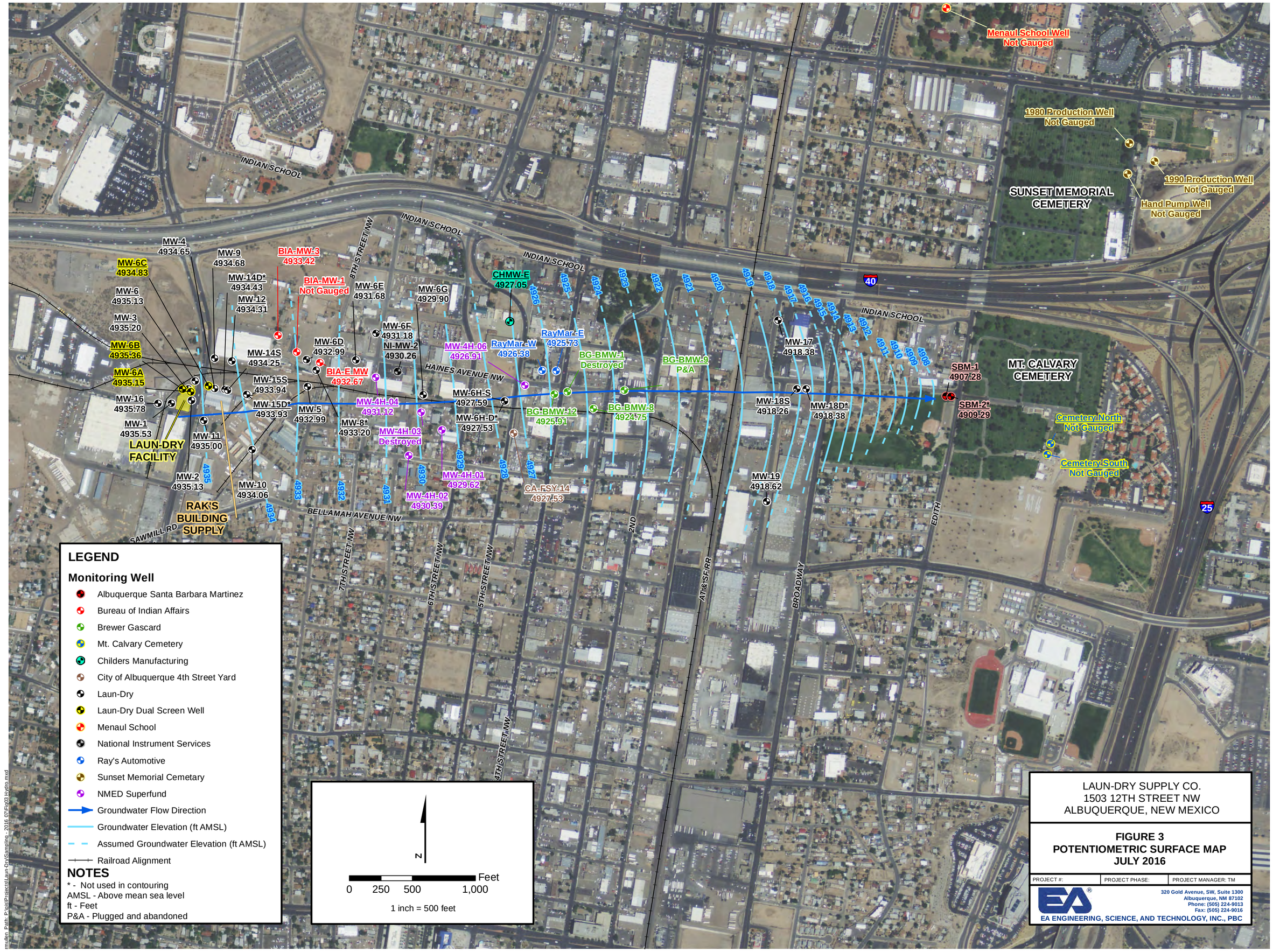
FIGURE 1
SITE LOCATION MAP

PROJECT #:	PROJECT PHASE:	PROJECT MANAGER: TM

EA ENGINEERING, SCIENCE, AND TECHNOLOGY, INC, PBC
320 Gold Avenue, SW Suite 1300
Albuquerque, NM 87102
Phone: (505) 224-9013
Fax: (505) 224-9016

mullen Path: P:\gis\Projects\Laun-Dry\Dec2014 Sampling\Fig01 Site Map.mxd


Menaul School Well
Production Wells
Hand Pump Well
SUNSET MEMORIAL CEMETERY
MT. CALVARY CEMETERY
INDIAN SCHOOL
40
25
8TH STREET NW
7TH STREET NW
6TH STREET NW
5TH STREET NW
4TH STREET NW
2ND
AT&SF RR
BROADWAY
EDITH
HAINES AVENUE NW
BELLAMAH AVENUE NW
BIA-MW-3
BIA-MW-1
BIA-E MW
MW-6F
MW-6D
MW-6E
MW-8
MW-5
NI-MW-2
MW-6G
MW-6H-S
MW-6H-D
CHMW-E
RayMar-E
RayMar-W
MW-4H-06
BG-BMW-1 (Destroyed)
BG-BMW-12
BG-BMW-9 (Plugged and Abandoned)
BG-BMW-8
CA-FSY-14
MW-4H-04
MW-4H-03 (Destroyed)
MW-4H-01
MW-4H-02
MW-17
MW-18S
MW-18D
SBM-2
SBM-1
Cemetery North
Cemetery South
MW-19
MW-6
MW-4
MW-9
MW-12
SVE-2
MW-6C
MW-14D
MW-6A
MW-3
MW-15S
MW-6B
SVE-3
SVE-1
MW-15D
MW-16
MW-1
MW-14S
MW-2
MW-11
MW-10
INSET
LAUN-DRY FACILITY
OB-1
OB-2
OB-3
MW-15D
MW-15S
Feet
0 50 100 200
N
Feet
0 250 500 1,000
1 inch = 500 feet
LEGEND
SVE Well
Monitoring Well
Albuquerque Santa Barbara Martinez
Bureau of Indian Affairs
Brewer Gascard
Mt. Calvary Cemetery
Childers Manufacturing
City of Albuquerque 4th Street Yard
Laun-Dry
Laun-Dry Dual Screen Well
Menaul School
National Instrument Services
Ray's Automotive
Sunset Memorial Cemetary
NMED Superfund
Railroad Alignment
LAUN-DRY SUPPLY CO.
1503 12TH STREET NW
ALBUQUERQUE, NEW MEXICO
FIGURE 2
MONITORING WELL NETWORK
PROJECT #:
PROJECT PHASE:
PROJECT MANAGER: TM
320 Gold Avenue, SW, Suite 1210
Albuquerque, NM 87102
Phone: (505) 224-9013
Fax: (505) 224-9016
EA ENGINEERING, SCIENCE, AND TECHNOLOGY, INC.



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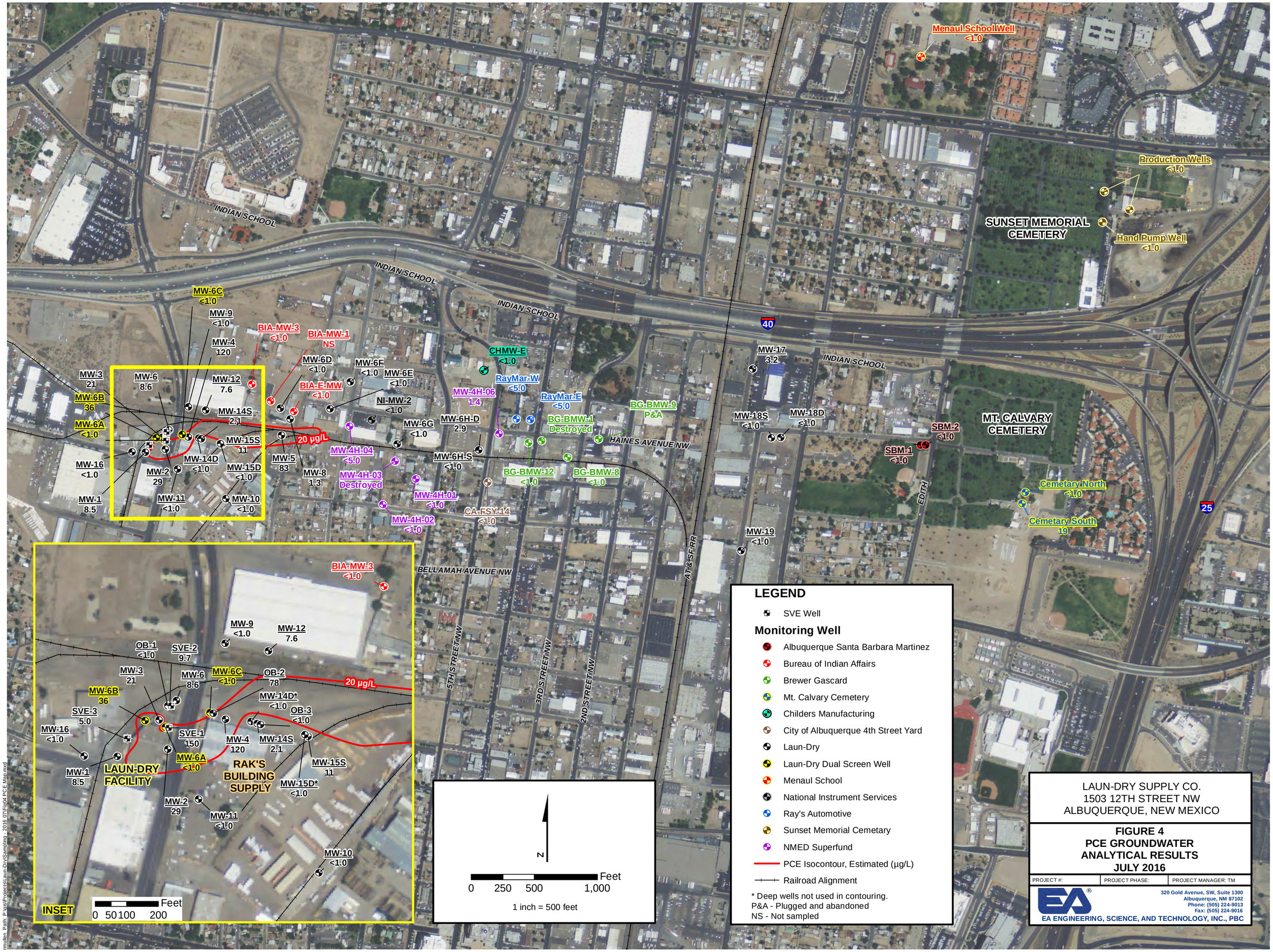
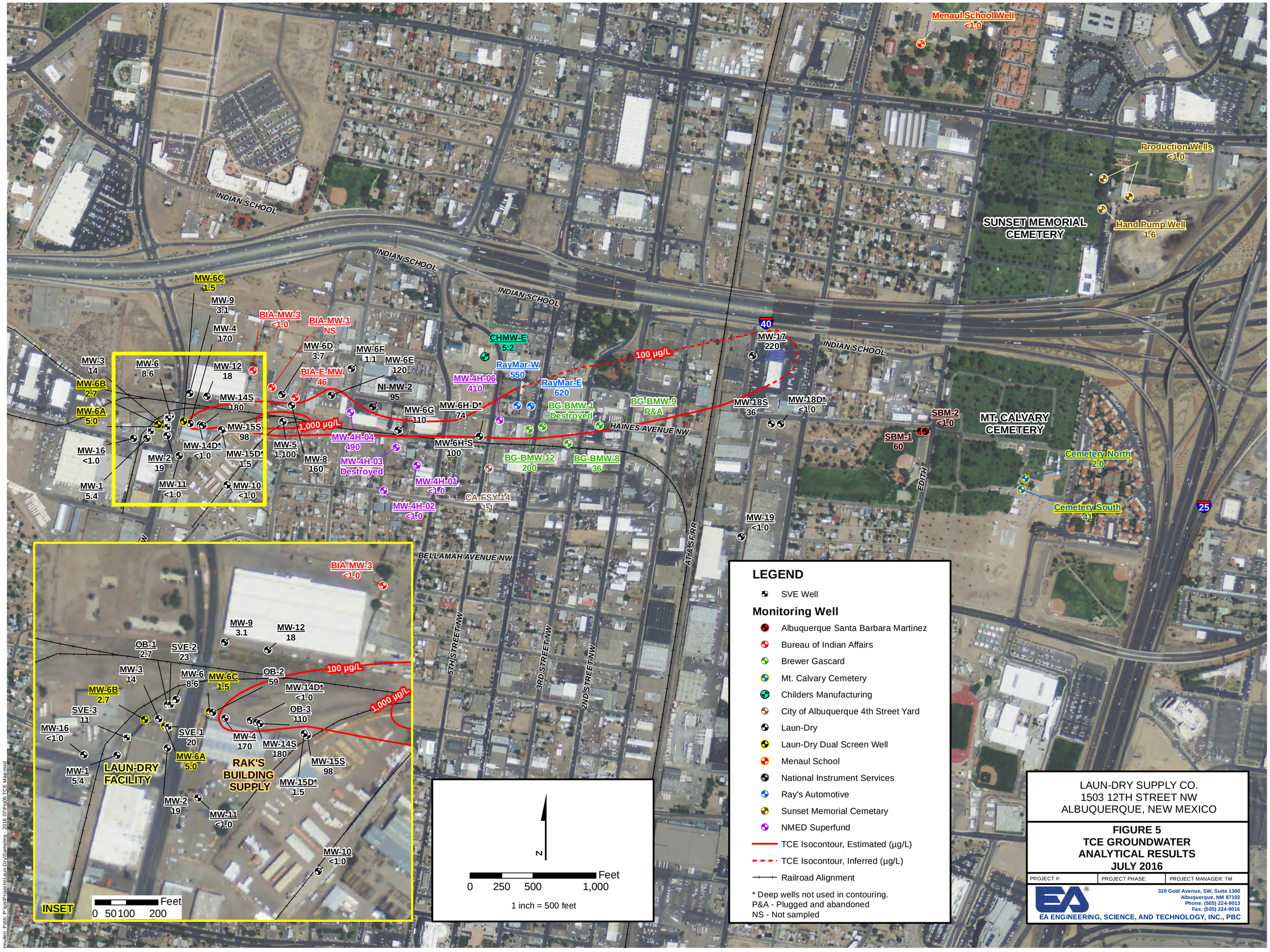
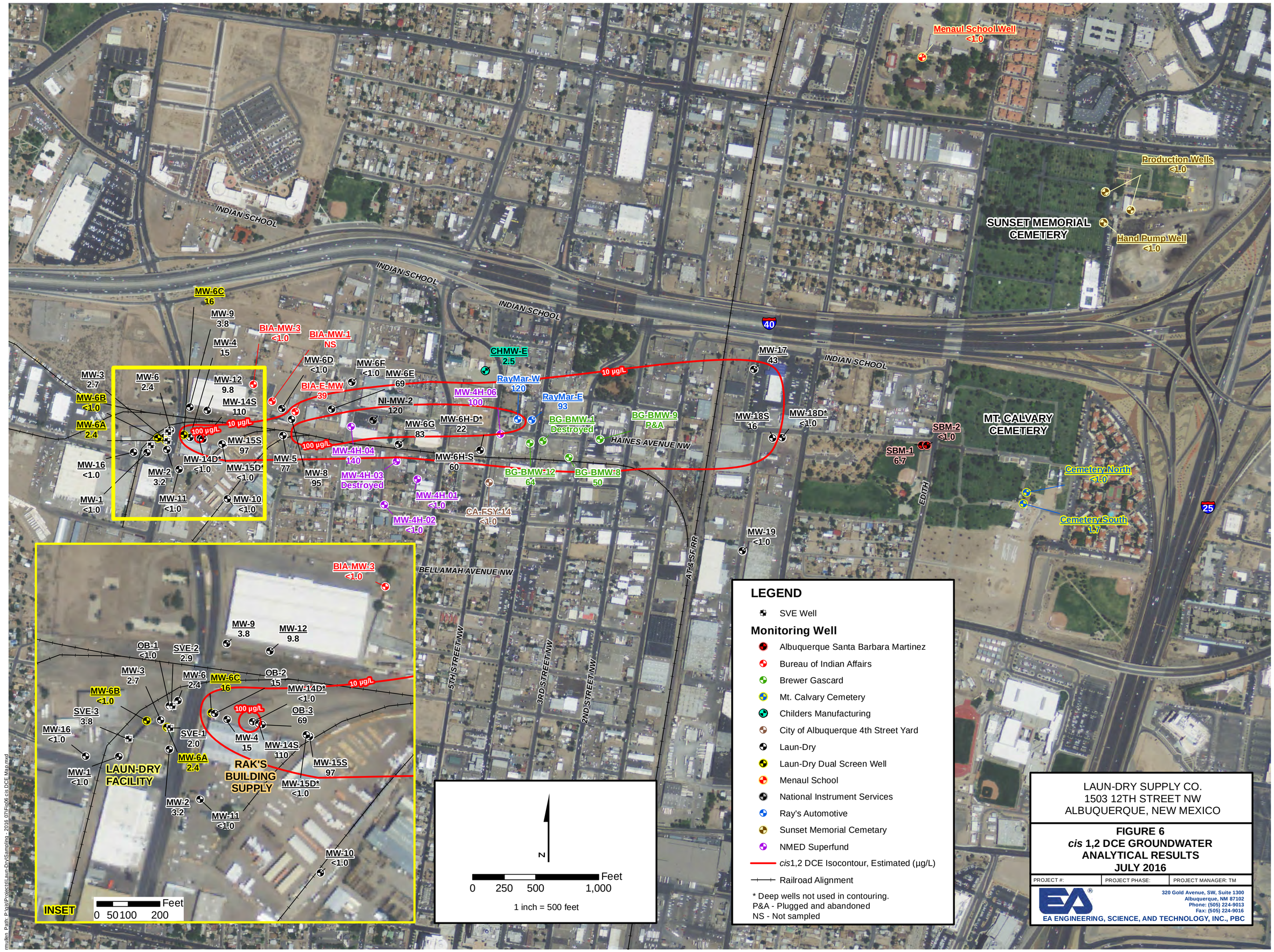
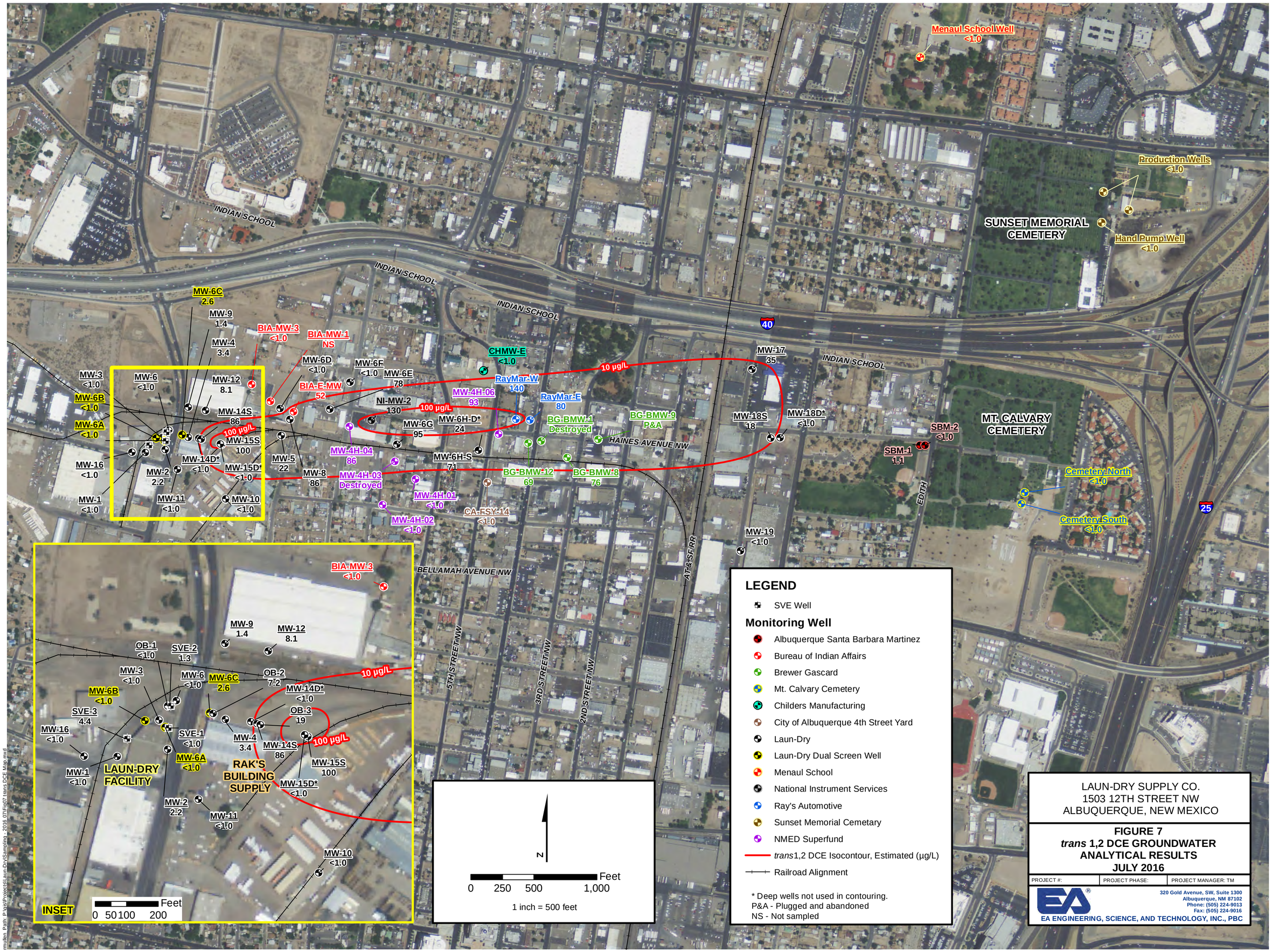

INDIAN SCHOOL
INDIAN SCHOOL
INDIAN SCHOOL
INDIAN SCHOOL
HAINES AVENUE NW
BELLAMAH AVENUE NW
5TH STREET NW
3RD STREET NW
2ND STREET NW
AT&SF RR
EDITH
40
25
SUNSET MEMORIAL CEMETERY
MT. CALVARY CEMETERY
Menaul School Well <1.0
Production Wells <1.0
Hand Pump Well <1.0
MW-6C <1.0
MW-9 <1.0
MW-4 120
BIA-MW-3 <1.0
BIA-MW-1 NS
MW-6D <1.0
MW-6F <1.0
MW-6E <1.0
BIA-E-MW <1.0
NI-MW-2 <1.0
MW-3 21
MW-6 8.6
MW-12 7.6
MW-6B 36
MW-14S 2.1
MW-6A <1.0
MW-15S 11
20 µg/L
MW-14D <1.0
MW-15D <1.0
MW-16 <1.0
MW-2 29
MW-11 <1.0
MW-10 <1.0
MW-1 8.5
MW-5 83
MW-8 1.3
MW-4H-04 <5.0
MW-4H-03 Destroyed
MW-4H-01 <1.0
MW-4H-02 <1.0
MW-6G <1.0
MW-6H-D 2.9
MW-6H-S <1.0
CA-FSY-14 <1.0
CHMW-E <1.0
RayMar-W <5.0
RayMar-E <5.0
MW-4H-06 1.4
BG-BMW-1 Destroyed
BG-BMW-9 P&A
BG-BMW-12 <1.0
BG-BMW-8 <1.0
MW-17 3.2
MW-18S <1.0
MW-18D <1.0
SBM-2 <1.0
SBM-1 <1.0
MW-19 <1.0
Cemetary North <1.0
Cemetary South 19
INSET
BIA-MW-3 <1.0
MW-9 <1.0
MW-12 7.6
OB-1 <1.0
SVE-2 9.7
MW-3 21
MW-6 8.6
MW-6C <1.0
OB-2 78
20 µg/L
MW-6B 36
MW-14D* <1.0
OB-3 <1.0
SVE-3 5.0
MW-16 <1.0
SVE-1 150
MW-4 120
MW-14S 2.1
MW-6A <1.0
MW-15S 11
MW-1 8.5
LAUN-DRY FACILITY
RAK'S BUILDING SUPPLY
MW-15D* <1.0
MW-2 29
MW-11 <1.0
MW-10 <1.0
Feet
0 50 100 200
N
Feet
0 250 500 1,000
1 inch = 500 feet
LEGEND
SVE Well
Monitoring Well
Albuquerque Santa Barbara Martinez
Bureau of Indian Affairs
Brewer Gascard
Mt. Calvary Cemetery
Childers Manufacturing
City of Albuquerque 4th Street Yard
Laun-Dry
Laun-Dry Dual Screen Well
Menaul School
National Instrument Services
Ray's Automotive
Sunset Memorial Cemetary
NMED Superfund
PCE Isocontour, Estimated (µg/L)
Railroad Alignment
* Deep wells not used in contouring.
P&A - Plugged and abandoned
NS - Not sampled
LAUN-DRY SUPPLY CO.
1503 12TH STREET NW
ALBUQUERQUE, NEW MEXICO
FIGURE 4
PCE GROUNDWATER
ANALYTICAL RESULTS
JULY 2016
PROJECT #:
PROJECT PHASE:
PROJECT MANAGER: TM
320 Gold Avenue, SW, Suite 1300
Albuquerque, NM 87102
Phone: (505) 224-9013
Fax: (505) 224-9016
EA ENGINEERING, SCIENCE, AND TECHNOLOGY, INC., PBC


Menaul School Well
<1.0
Production Wells
<1.0
Hand Pump Well
1.6
SUNSET MEMORIAL CEMETERY
INDIAN SCHOOL
INDIAN SCHOOL
INDIAN SCHOOL
INDIAN SCHOOL
40
MW-6C
1.5
MW-9
3.1
MW-4
170
BIA-MW-3
<1.0
BIA-MW-1
NS
MW-6D
3.7
MW-6F
1.1
MW-6E
120
BIA-E-MW
46
NI-MW-2
95
MW-3
14
MW-6
8.6
MW-12
18
MW-6B
2.7
MW-14S
180
MW-6A
5.0
MW-15S
98
MW-14D*
<1.0
MW-15D*
1.5
MW-16
<1.0
MW-2
19
MW-1
5.4
MW-11
<1.0
MW-10
<1.0
MW-5
1,100
MW-8
160
1,000 µg/L
MW-4H-04
490
MW-4H-03
Destroyed
MW-4H-01
<1.0
MW-4H-02
<1.0
MW-6G
110
MW-6H-D*
74
MW-6H-S
100
CHMW-E
5.2
MW-4H-06
410
RayMar-W
550
RayMar-E
620
BG-BMW-1
Destroyed
BG-BMW-9
P&A
BG-BMW-12
200
BG-BMW-8
36
CA-FSY-14
1.1
HAINES AVENUE NW
100 µg/L
MW-17
220
MW-18S
36
MW-18D*
<1.0
SBM-2
<1.0
SBM-1
60
MT. CALVARY CEMETERY
EDITH
Cemetery North
2.0
Cemetery South
41
25
MW-19
<1.0
BELLAMAH AVENUE NW
AT&SF RR
5TH STREET NW
3RD STREET NW
2ND STREET NW
BIA-MW-3
<1.0
MW-9
3.1
MW-12
18
OB-1
2.7
SVE-2
23
MW-3
14
MW-6
8.6
MW-6C
1.5
OB-2
59
100 µg/L
MW-14D*
<1.0
MW-6B
2.7
OB-3
110
1,000 µg/L
SVE-3
11
MW-16
<1.0
SVE-1
20
MW-4
170
MW-14S
180
MW-6A
5.0
MW-15S
98
MW-1
5.4
LAUN-DRY FACILITY
RAK'S BUILDING SUPPLY
MW-15D*
1.5
MW-2
19
MW-11
<1.0
MW-10
<1.0
INSET
Feet
0 50 100 200
N
Feet
0 250 500 1,000
1 inch = 500 feet
LEGEND
SVE Well
Monitoring Well
Albuquerque Santa Barbara Martinez
Bureau of Indian Affairs
Brewer Gascard
Mt. Calvary Cemetery
Childers Manufacturing
City of Albuquerque 4th Street Yard
Laun-Dry
Laun-Dry Dual Screen Well
Menaul School
National Instrument Services
Ray's Automotive
Sunset Memorial Cemetary
NMED Superfund
TCE Isocontour, Estimated (µg/L)
TCE Isocontour, Inferred (µg/L)
Railroad Alignment
* Deep wells not used in contouring.
P&A - Plugged and abandoned
NS - Not sampled
LAUN-DRY SUPPLY CO.
1503 12TH STREET NW
ALBUQUERQUE, NEW MEXICO
FIGURE 5
TCE GROUNDWATER ANALYTICAL RESULTS
JULY 2016
PROJECT #:
PROJECT PHASE:
PROJECT MANAGER: TM
320 Gold Avenue, SW, Suite 1300
Albuquerque, NM 87102
Phone: (505) 224-9013
Fax: (505) 224-9016
EA ENGINEERING, SCIENCE, AND TECHNOLOGY, INC., PBC


INDIAN SCHOOL
INDIAN SCHOOL
INDIAN SCHOOL
INDIAN SCHOOL
HAINES AVENUE NW
BELLAMAH AVENUE NW
5TH STREET NW
3RD STREET NW
2ND STREET NW
AT&SF RR
EDITH
40
25
SUNSET MEMORIAL CEMETERY
MT. CALVARY CEMETERY
Menaul School Well <1.0
Production Wells <1.0
Hand Pump Well <1.0
Cemetery North <1.0
Cemetery South 1.7
SBM-1 6.7
SBM-2 <1.0
MW-17 43
MW-18S 16
MW-18D* <1.0
MW-19 <1.0
CHMW-E 2.5
RayMar-W 120
RayMar-E 93
BG-BMW-1 Destroyed
BG-BMW-9 P&A
BG-BMW-12 64
BG-BMW-8 50
MW-4H-06 100
MW-4H-04 140
MW-4H-03 Destroyed
MW-4H-01 <1.0
MW-4H-02 <1.0
CA-FSY-14 <1.0
MW-6H-D* 22
MW-6H-S 60
MW-6G 83
NI-MW-2 120
MW-6E 69
MW-6F <1.0
MW-6D <1.0
BIA-E-MW 39
BIA-MW-1 NS
BIA-MW-3 <1.0
MW-5 77
MW-8 95
MW-6C 16
MW-9 3.8
MW-4 15
MW-12 9.8
MW-14S 110
MW-15S 97
MW-14D* <1.0
MW-15D* <1.0
MW-10 <1.0
MW-11 <1.0
MW-2 3.2
MW-1 <1.0
MW-16 <1.0
MW-6A 2.4
MW-6B <1.0
MW-3 2.7
MW-6 2.4
10 µg/L
100 µg/L
INSET
LAUN-DRY FACILITY
RAK'S BUILDING SUPPLY
OB-1 <1.0
SVE-2 2.9
OB-2 15
OB-3 69
SVE-1 2.0
SVE-3 3.8
Feet
0 50 100 200
N
Feet
0 250 500 1,000
1 inch = 500 feet
LEGEND
SVE Well
Monitoring Well
Albuquerque Santa Barbara Martinez
Bureau of Indian Affairs
Brewer Gascard
Mt. Calvary Cemetery
Childers Manufacturing
City of Albuquerque 4th Street Yard
Laun-Dry
Laun-Dry Dual Screen Well
Menaul School
National Instrument Services
Ray's Automotive
Sunset Memorial Cemetary
NMED Superfund
cis1,2 DCE Isocontour, Estimated (µg/L)
Railroad Alignment
* Deep wells not used in contouring.
P&A - Plugged and abandoned
NS - Not sampled
LAUN-DRY SUPPLY CO.
1503 12TH STREET NW
ALBUQUERQUE, NEW MEXICO
FIGURE 6
cis 1,2 DCE GROUNDWATER ANALYTICAL RESULTS
JULY 2016
PROJECT #:
PROJECT PHASE:
PROJECT MANAGER: TM
320 Gold Avenue, SW, Suite 1300
Albuquerque, NM 87102
Phone: (505) 224-9013
Fax: (505) 224-9016
EA ENGINEERING, SCIENCE, AND TECHNOLOGY, INC., PBC



LAUN-DRY SUPPLY CO.
1503 12TH STREET NW
ALBUQUERQUE, NEW MEXICO

FIGURE 7
***trans* 1,2 DCE GROUNDWATER ANALYTICAL RESULTS**
JULY 2016

PROJECT #:	PROJECT PHASE:	PROJECT MANAGER: TM

EA ENGINEERING, SCIENCE, AND TECHNOLOGY, INC., PBC
320 Gold Avenue, SW, Suite 1300
Albuquerque, NM 87102
Phone: (505) 224-9013
Fax: (505) 224-9016

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LEGEND

- SOIL VAPOR EXTRACTION WELL
- MONITORING WELL
- WIRE FENCE
- SVE CONVEYANCE LINES

N

25 12.5 0 25

SCALE IN FEET

LAUN-DRY SUPPLY CO.
1503 12TH STREET NW
ALBUQUERQUE, NEW MEXICO

FIGURE 8
SVE SYSTEM LAYOUT

PROJECT #:	1506901	PROJECT PHASE:	10	PROJECT MANAGER:	TM

EA ENGINEERING, SCIENCE, AND TECHNOLOGY, INC, PBC
320 Gold Avenue, SW Suite 1300
Albuquerque, NM 87102
Phone: (505) 224-9013
Fax: (505) 224-9016

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APPENDIX A
GROUNDWATER SAMPLING FIELD FORMS

Laur-Ery
July
2016

Gauging Sheet								
Well	Date	Time	DTW	TD	Previous DTW	PCE	TCE	Well
MW-10	7-5-16	0826	28.09	46.95	28.34	<1.0	<1.0	MW-10
MW-16		0837	25.76	42.00	25.99	<1.0	<1.0	MW-16
MW-18D	7-5-16	0810	52.75		53.34	<1.0	<1.0	MW-18D
MW-19		0850	45.16		46.01	<1.0	<1.0	MW-19
BIA-MW-3	7-6-16	0852	30.86		31.16	<1.0	<1.0	BIA-MW-3
MW-4H-01	7-5-16	1035	33.28		33.74	<1.0	<1.0	MW-4H-01
SBM-2	7-7-16	0820	86.32		86.57	<1.0	<1.0	SBM-2
MW-6F	7-5-16	1500	32.09		32.49	<1.0	1.5	MW-6F
CA-FSY-14		1400	35.25		35.78	<1.0	1.2	CA-FSY-14
MW-4H-02		0940	32.39		32.79	<1.0	<1.0	MW-4H-02
MW-14D		0845	26.28		26.15	<1.0	<1.0	MW-14D
MW-15D		0850	26.97	75.55	27.23	<1.0	<1.0	MW-15D
MW-11		0855	26.56	44.60	26.83	<1.0	<1.0	MW-11
MW-18S		0805	53.03		53.85	<1.0	<1.0	MW-18S
CHMW-E		0910	35.27		35.85	<1.0	6.4	CHMW-E
MW-6A		0915	27.50		27.75	<1.0	5.1	MW-6A
~~BIA-MW-1~~					~~31.16~~	~~<1.0~~	~~<1.0~~	~~BIA-MW-1~~
OB-1		0920	28.26	49.65	28.51	<1.0	3.6	OB-1
MW-6B		0925	26.12		26.35	110	3.0	MW-6B
MW-9		0935	30.33	51.70	30.60	<1.0	4.2	MW-9
MW-6	0945	27.62	27.62	42.70	27.86	12	8.3	MW-6
MW-3		0950	27.90	42.60	28.18	39	14	MW-3
SBM-1	7-7-16	0900	87.75		86.18	<1.0	44	SBM-1
BG-BMW-8	7-5-16	1000	36.22		36.88	<1.0	26	BG-BMW-8
MW-6D	7-6-16	0856	28.69		29.06	<1.0	<1.0	MW-6D
SVE-2	7-5-16	1010	28.06	38.45	28.32	15	22	SVE-2
MW-17		1020	50.46		51.49	3.1	240	MW-17
MW-6C		1030	25.95		26.23	2.3	1.2	MW-6C
MW-6G	7-6-16	1330	33.75		34.07	1.3	91	MW-6G
MW-6H-D	7-5-16	1040	34.70		35.20	3.2	110	MW-6H-D
MW-6H-S		1045	34.36		34.87	<1.0	140	MW-6H-S
SVE-3		1055	26.31	38.40	26.60	9.9	12	SVE-3
MW-12		1100	30.58	52.40	30.83	11	29	MW-12
MW-1		1110	26.99	44.00	27.22	18	4.1	MW-1
MW-2		1115	26.90	43.90	27.16	42	22	MW-2
OB-2		1120	27.06	49.60	27.31	28	38	OB-2
New BIA-E MW	7-6-16	0900	30.31		30.59	<1.0	53	New BIA-E-MW
BG-BMW-12		1135	35.98		36.57	<1.0	280	BG-BMW-12
MW-15S		1145	27.40	49.10	27.67	17	140	MW-15S
NI-MW-2		1155	32.48		32.84	<1.0	140	NI-MW-2
MW-4H-06		1205	34.25		34.80	1.5	400	MW-4H-06
MW-6E		1210	31.86		32.22	<1.0	210	MW-6E
MW-8	7-6-16	0906	29.64		29.95	<1.0	260	MW-8
OB-3	7-5-16	1115	26.66		26.89	<1.0	130	OB-3
RayMar -W		1230	36.40		36.97	<5.0	730	RayMar-W
RayMar -E		1240	37.21		37.67	<5.0	740	RayMar-E
MW-14S		1250	26.32	40.85	24.94	<1.0	6.0	MW-14S
MW-4H-04		1255	31.88		32.22	1.5	400	MW-4H-04
MW-5		1300	28.55		28.84	130	1,500	MW-5
MW-4		1300	26.62	42.20	26.90	130	290	MW-4
SVE-1		1305	27.73		27.98	190	51	SVE-1

EA Engineering, Science, and Technology
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MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID: MW-1
Site: Lavn-Dry
Date gauged: 7-5-16
Time gauged: 1110

Depth to PSH: _____ Feet
Well diameter: 2 Inches
Depth to water: 26.99 Feet
Height of fluid column: 17.01 Feet
Total depth: 44.00 Feet
Volume in well: 2.9 Gallons
NAPL thickness: _____ Feet

(3 well volumes = 8.7 gallons)

After Bailing NAPL
Depth to PSH: _____ Feet
Depth to water: _____ Feet
NAPL thickness: _____ Feet
NAPL Recovered: _____ Gallons

GROUNDWATER SAMPLING DATA

Time/date purged: 1235 7-6-16
Purge Method: bailer

Time	Purge Volume (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
1235	0.25	20.6	1763	7.06		0.62
1240	4.25	20.2	1777	7.10		
1245	8.5	19.9	1777	7.12		

Actual purge volume: 8.75 gal.
Field measurements stabilized within ± 10%? Yes

Time/date sampled: 1247 7-6-16
Purged/sampled by: [signature]

Sample method: disposable bailer
Requested analyses: 8260B
Comments/observations:

Well Casing Volumes
2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 6" diameter = 1.50 gal/ft

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Albuquerque, NM 87102
Phone: (505) 224-9013

MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID: MW-2
Date gauged: 7-5-16
Site: Lawn - Dry
Time gauged: 1115

Depth to PSH: _____ Feet
Well diameter: 2 Inches
Depth to water: 26.90 Feet
Height of fluid column: 17.00 Feet
Total depth: 43.90 Feet
Volume in well: 2.9 Gallons
NAPL thickness: _____ Feet
(3 well volumes = 8.7 gallons)

After Bailing NAPL
Depth to PSH: _____ Feet
Depth to water: _____ Feet
NAPL thickness: _____ Feet
NAPL Recovered: _____ Gallons

GROUNDWATER SAMPLING DATA

Time/date purged: 1404 7-6-16
Purge Method: Hand bail

Time	Purge Volume (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
1404	0.25	20.8	1533	7.23		0.50
1410	4.75	20.1	1626	7.20		
1415	8.5	20.1	1657	7.18		

Actual purge volume: 8.75 gal.
Field measurements stabilized within ± 10%? Yes

Time/date sampled: 1417 7-6-16
Purged/sampled by: [signature]

Sample method: ~~Hand bail~~ disposable bailer
Requested analyses: 8260B

Comments/observations:

Well Casing Volumes
2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 6" diameter = 1.50 gal/ft

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320 Gold Avenue SW, Suite 1210
Albuquerque, NM 87102
Phone: (505) 224-9013

MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID: MW-3
Date gauged: 7-5-16
Site: Lovn-Dry
Time gauged: 0950
Depth to PSH: _____ Feet
Well diameter: 2 Inches
Depth to water: 27.90 Feet
Height of fluid column: 14.70 Feet
Total depth: 42.60 Feet
Volume in well: 2.5 Gallons
NAPL thickness: _____ Feet
(3 well volumes = 7.5 gallons)

After Bailing NAPL
Depth to PSH _____ Feet
Depth to water _____ Feet
NAPL thickness _____ Feet
NAPL Recovered _____ Gallons

GROUNDWATER SAMPLING DATA

Time/date purged: 1340 7-6-16
Purge Method: bailer

Time	Purge Volume (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
1340	0.25	19.6	1442	7.24		0.72
1345	3.75	19.1	1502	7.24		
1349	7.25	18.6	1506	7.24		

Actual purge volume: 7.5 gal.
Field measurements stabilized within ± 10%? Yes
Time/date sampled: 1350 7-6-16
Purged/sampled by: [illegible]
Sample method: disposable bailer
Requested analyses: 8260B
Comments/observations:

Well Casing Volumes
2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 6" diameter = 1.50 gal/ft

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Albuquerque, NM 87102
Phone: (505) 224-9013

MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID: MW-4
Date gauged: 7-5-16
Site: Laun-Dry
Time gauged: 1300

Depth to PSH: _____ Feet
Well diameter: 2 Inches

Depth to water: 26.62 Feet
Height of fluid column: 15.58 Feet

Total depth: 42.20 Feet
Volume in well: 2.6 Gallons

NAPL thickness: _____ Feet

(3 well volumes = 7.9 gallons)

After Bailing NAPL

Depth to PSH: _____ Feet
Depth to water: _____ Feet
NAPL thickness: _____ Feet
NAPL Recovered: _____ Gallons

GROUNDWATER SAMPLING DATA

Time/date purged: 1511 7-6-16
Purge Method: hand bail

Time	Purge Volume (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
1511	0.25	19.6	1985	7.14		0.40
1517	4.0	19.4	1980	7.13		
1522	7.75	19.3	1980	7.11		

Actual purge volume: 8.0 gal.
Field measurements stabilized within ± 10%? Yes

Time/date sampled: 1525 7-6-16
Purged/sampled by: [illegible]

Sample method: disposable bailer
Requested analyses: 8260B

Comments/observations:

Well Casing Volumes
2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 6" diameter = 1.50 gal/ft

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MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID: MW-5
Date gauged: 7-5-16
Site: Lucu Dry
Time gauged: 1306
Depth to PSH: — Feet
Well diameter: 2 Inches
Depth to water: 28.55 Feet
Height of fluid column: 14.00 Feet
Total depth: 42.60 Feet
Volume in well: 2.3 Gallons
NAPL thickness: — Feet
(3 well volumes = 6.9 gallons)

After Bailing NAPL
Depth to PSH _____ Feet
Depth to water _____ Feet
NAPL thickness _____ Feet
NAPL Recovered _____ Gallons

GROUNDWATER SAMPLING DATA

Time/date purged: 1302 ~~7-6~~ 7-5
Purge Method: Hand Bail

Time	Purge Volume (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
1302	0.25	23.7	1032	7.64	/	3.60
1305	2.0	21.3	1349	7.39		/
1310	4.0	21.1	1397	7.38		
1317	6.5	21.2	1404	7.42		

Actual purge volume: 7.0 gal.
Field measurements stabilized within ± 10%? Y
Time/date sampled: 1320 7-5
Purged/sampled by: [signature]
Sample method: Clean Bail
Requested analyses: 8260B
Comments/observations:

Well Casing Volumes
2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 6" diameter = 1.50 gal/ft

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MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID: MW-6
Site: Lavn-Dry
Date gauged: 7-5-16
Time gauged: 0945

Depth to PSH: _____ Feet
Well diameter: 2 Inches
Depth to water: 27.62 Feet
Height of fluid column: 15.08 Feet
Total depth: 42.70 Feet
Volume in well: 2.6 Gallons
NAPL thickness: _____ Feet
(3 well volumes = 7.7 gallons)

After Bailing NAPL
Depth to PSH: _____ Feet
Depth to water: _____ Feet
NAPL thickness: _____ Feet
NAPL Recovered: _____ Gallons

GROUNDWATER SAMPLING DATA

Time/date purged: 1117 7-6-16
Purge Method: bail

Time	Purge Volume (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
1117	0.25	19.0	1565	7.20		0.70
1122	3.75	18.6	1553	7.21		
1127	7.5	18.5	1512	7.23		

Actual purge volume: 7.75 gal.
Field measurements stabilized within ± 10%? Yes
Time/date sampled: 1130 7-6-16
Purged/sampled by: [illegible]
Sample method: disposable bailer
Requested analyses: 8260B
Comments/observations:

Well Casing Volumes
2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 6" diameter = 1.50 gal/ft

Laun-Dry Supply Co.

Sheet 1 of 1
Date: 7-7-16

Ground Water Sampling Data Sheet

Well ID: MW-6A **Sample ID:** MW-6A **Sample Time:** 1345

Casing diameter/type: 4
Screened interval(s): 10-30 & 43-48
Total depth: 42.90
Initial depth to water (w/o pump): 27.50
Final depth to water (w/o pump):
Measuring point: **North side of casing**

Well location: Laun-Dry Supply Co.
Sampling personnel: Werth & Lake
Sampling method: **Low-flow**
Water level indicator: **Solinst**
Water quality meter: YSI
Pump depth setting: ~~45.5~~ 38.75

Weather: Hot, Sunny, 100°
Pump type/model: Mega Max 300

3-5 min	Δ < 10%	Δ < 10%			Δ < 10%		Δ < 0.3 ft	< 1L/min	< 10 NTU	< 0.5 L/min	Parameter Stabilization Limits (3 consecutive readings)
Time	**Temp (°C)**	**Conductivity (mS/cm) or (µS/cm)**	**DO (%)**	**DO (mg/L)**	**pH**	**ORP (mV)**	**Water Level (feet btoc)**	**Flow Rate (L/min) or (mL/min)**	**Turbidity (NTU)**	**Purge Volume (L) or (mL)**	**Additional Comments**
1327	24.5	1607	15.1	1.19	7.12	-99.4	27.50	300			
1332	23.6	1605	7.2	0.60	7.13	-78.6	27.50	300			
1337	22.3	1603	4.3	0.37	7.13	-74.6	27.51	375			
1342	22.0	1597	2.6	0.22	7.13	-74.8	27.52	400			

Parameter Stabilization Limits (3 consecutive readings) for percent difference type parameters.
Percent difference formula =
ABS[((first reading - second reading)/first reading) x 100]
Ex: Readings 12, 16, 15, 13
((12-16)/12)*100 = 33% ((16-15)/16)*100 = 6%
((15-13)/15)*100 = 13% In ex. stabilization has not occurred.

Recorded By:

6/29/2016

Laun-Dry Supply Co.

1.44

Sheet 1 of 1
Date: 7-7-16

Ground Water Sampling Data Sheet

Well ID: MW-6B **Sample ID:** MW-6B **Sample Time:** 1433

Casing diameter/type: 4
Well location: Laun-Dry Supply Co.
Weather:
Screened interval(s): 20-30 & 43-48
Sampling personnel: Weith + Lake
Total depth: 42.3
Sampling method: **Low-flow**
Initial depth to water (w/o pump): 26.12
Water level indicator: **Solinst**
Final depth to water (w/o pump):
Water quality meter: YSI
Measuring point: **North side of casing**
Pump depth setting: 28.06
Pump type/model: Mega Monsoon

3-5 min	Δ < 10%	Δ < 10%			Δ < 10%		Δ < 0.3 ft	< 1L/min	< 10 NTU	< 0.5 L/min	Parameter Stabilization Limits (3 consecutive readings)
Time	**Temp (°C)**	**Conductivity (mS/cm) or (µS/cm)**	**DO (%)**	**DO (mg/L)**	**pH**	**ORP (mV)**	**Water Level (feet btoc)**	**Flow Rate (L/min) or (mL/min)**	**Turbidity (NTU)**	**Purge Volume (L) or (mL)**	**Additional Comments**
1415	23.7	1691	48.7	3.96	7.26	-31.8	26.18	300			
1420	21.6	1683	41.6	3.71	7.26	4.2	26.16	300			
1425	21.0	1683	37.3	3.32	7.26	10.4	26.15	225			
1430	20.8	1696	41.1	3.70	7.27	13.5	26.17	350			

Parameter Stabilization Limits (3 consecutive readings) for percent difference type parameters.
Percent difference formula =
ABS[((first reading - second reading)/first reading) x 100]
Ex: Readings 12, 16, 15, 13
((12-16)/12)*100 = 33% ((16-15)/16)*100 = 6%
((15-13)/15)*100 = 13% In ex. stabilization has not occurred.

Recorded By:

Laun-Dry Supply Co.

Sheet 1 of 1
Date: 7-7-16

Ground Water Sampling Data Sheet

Well ID: MW-6C Sample ID: MW-6C Sample Time: 1303

Casing diameter/type: 4
Screened interval(s): 40-45
Total depth: 41.65
Initial depth to water (w/o pump): 25.95
Final depth to water (w/o pump):
Measuring point: **North side of casing**

Well location: Laun-Dry Supply Co.
Sampling personnel: Leith + Lake
Sampling method: **Low-flow**
Water level indicator: **Solinst**
Water quality meter: YSI CL
Pump depth setting: ~~42.5~~ 41.0

Weather: Hot, sunny, 95°
Pump type/model: MTH Masons

3-5 min	Δ < 10%	Δ < 10%			Δ < 10%		Δ < 0.3 ft	< 1L/min	< 10 NTU	< 0.5 L/min	Parameter Stabilization Limits (3 consecutive readings)
Time	**Temp (°C)**	**Conductivity (mS/cm) or (µS/cm)**	**DO (%)**	**DO (mg/L)**	**pH**	**ORP (mV)**	**Water Level (feet btoc)**	**Flow Rate (L/min) or (mL/min)**	**Turbidity (NTU)**	**Purge Volume (L) or (mL)**	**Additional Comments**
1241	24.4	1410	6.8	0.91	7.16	-290.0	26.00	325			
1246	21.5	1402	2.3	0.20	7.16	-317.9	26.00	275			
1251	21.2	1401	3.0	0.27	7.19	-344.4	26.00	400			
1256	21.5	1391	1.6	0.14	7.24	-345.7	26.00	300			
1301	21.7	1395	2.1	0.18	7.26	-329.1	26.00	350			

Parameter Stabilization Limits (3 consecutive readings) for percent difference type parameters.
Percent difference formula =
ABS[((first reading - second reading)/first reading) x 100]
Ex: Readings 12, 16, 15, 13
((12-16)/12)*100 = 33% ((16-15)/16)*100 = 6%
((15-13)/15)*100 = 13% In ex. stabilization has not occurred.

Recorded By: _____

6/29/2016

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MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID: MW-6D
Date gauged: 7-6-16
Site: Cuon Dip
Time gauged: 1025
Depth to PSH: — Feet
Well diameter: 2 Inches
Depth to water: 28.69 Feet
Height of fluid column: 9.8 Feet
Total depth: 38.49 Feet
Volume in well: 1.6 Gallons
NAPL thickness: ~ Feet
(3 well volumes = 4.8 gallons)

After Bailing NAPL
Depth to PSH _____ Feet
Depth to water _____ Feet
NAPL thickness _____ Feet
NAPL Recovered _____ Gallons

GROUNDWATER SAMPLING DATA

Time/date purged _____
Purge Method: Hand Bail

Time	Purge Volume (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
1030	0.25	22.4	1549	7.44		5.4
1034	2.0	20.9	1586	7.39		
1037	3.5	20.4	1601	7.39		
1040	4.75	20.5	1544	7.38		

Actual purge volume: 5.0 gal.
Field measurements stabilized within ± 10%? _____
Time/date sampled: 1044 7-6
Purged/sampled by: [signature]
Sample method: Clean Bail
Requested analyses: 8260B
Comments/observations _____

Well Casing Volumes
2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 6" diameter = 1.50 gal/ft

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MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID: MW-6E
Date gauged: 7-8-16
Site: Lava Day
Time gauged: 0750
Depth to PSH: — Feet
Well diameter: 2 Inches
Depth to water: 31.96 Feet
Height of fluid column: 12.3 Feet
Total depth: 44.30 Feet
Volume in well: 2.0 Gallons
NAPL thickness: — Feet
(3 well volumes = 6.0 gallons)

After Bailing NAPL
Depth to PSH _____ Feet
Depth to water _____ Feet
NAPL thickness _____ Feet
NAPL Recovered _____ Gallons

GROUNDWATER SAMPLING DATA

Time/date purged _____
Purge Method: Hand Bail

Time	Purge Volume (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
0755	0.25	20.5	1216	7.28	/	3.20
0758	2.0	20.5	1210	7.50	/	/
0801	4.0	20.6	1220	7.57	/	/
0804	5.75	20.4	1225	7.61	/	/

Actual purge volume: 6.0 gal.
Field measurements stabilized within ± 10%? Y
Time/date sampled: 0805 7-8
Purged/sampled by: [signature]
Sample method: Clean Bail
Requested analyses: 8260B
Comments/observations

Well Casing Volumes
2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 6" diameter = 1.50 gal/ft

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MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID: MW-6F
Date gauged: 7-5-16
Site: Laun Dry
Time gauged: 1506
Depth to PSH: – Feet
Well diameter: 2 Inches
Depth to water: 32.09 Feet
Height of fluid column: 12.0 Feet
Total depth: 44.15 Feet
Volume in well: 2.0 Gallons
NAPL thickness: – Feet
(3 well volumes = 6.0 gallons)

After Bailing NAPL
Depth to PSH _____ Feet
Depth to water _____ Feet
NAPL thickness _____ Feet
NAPL Recovered _____ Gallons

GROUNDWATER SAMPLING DATA

Time/date purged: 1510 7-5
Purge Method: Hand Bail

Time	Purge Volume (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
1510	0.25	23.0	1454	7.65	|	2.02
1513	2.0	20.9	1492	7.44	|	|
1516	4.0	20.8	1474	7.34	|	|
1520	6.0	20.8	1470	7.38	|	

Actual purge volume: 6.25 gal.
Field measurements stabilized within ± 10%? Y
Time/date sampled: 1522 7-5
Purged/sampled by: [signature]
Sample method: Clean Bail
Requested analyses: 8260B
Comments/observations:

Well Casing Volumes
2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 6" diameter = 1.50 gal/ft

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MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID: MW-6G
Date gauged: 7-6-16
Site: Lun Dry
Time gauged: 1330
Depth to PSH: — Feet
Well diameter: ~~7.16~~ 2 Inches
Depth to water: 33.75 Feet
Height of fluid column: ~~1.2~~ 7.16 Feet
Total depth: 40.91 Feet
Volume in well: 1.2 Gallons
NAPL thickness: — Feet
(3 well volumes = 3.6 gallons)

After Bailing NAPL
Depth to PSH _____ Feet
Depth to water _____ Feet
NAPL thickness _____ Feet
NAPL Recovered _____ Gallons

GROUNDWATER SAMPLING DATA

Time/date purged: 1340 7-6
Purge Method: Hand Bail

Time	Purge Volume (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
1340	0.25	25.5	1219	7.76		3.9
1345	1.0	22.1	1223	7.56		
1348	2.0	21.9	1180	7.51		
1352	3.0	21.8	1175	7.50		

Actual purge volume: 3.75 gal.
Field measurements stabilized within ± 10%? Y
Time/date sampled: 1355 7-6
Purged/sampled by: [signature]
Sample method: Clean Bail
Requested analyses: 8260B
Comments/observations: Roots in well. Broke up as much as possible. Slow recharge. Only pulling half Bailer.

Well Casing Volumes
2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 6" diameter = 1.50 gal/ft

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MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID: MW-64-5
Date gauged: 7-6-16
Site: Lawn Dry
Time gauged: 0908
Depth to PSH: — Feet
Well diameter: 2 Inches
Depth to water: 39.43 Feet
Height of fluid column: 8.1 Feet
Total depth: 42.61 Feet
Volume in well: 1.4 Gallons
NAPL thickness: — Feet
(3 well volumes = 4.2 gallons)

After Bailing NAPL
Depth to PSH _____ Feet
Depth to water _____ Feet
NAPL thickness _____ Feet
NAPL Recovered _____ Gallons

GROUNDWATER SAMPLING DATA

Time/date purged: 0910
Purge Method: Hand Bail

Time	Purge Volume (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
0910	0.25	21.0	1414	7.34		
0913	1.5	20.4	1404	7.31		
0915	2.5	20.3	1399	7.30		
0918	4.0	20.4	1406	7.31		

Actual purge volume: 4.25 gal.
Field measurements stabilized within ± 10%? Y
Time/date sampled: 0922 7-6
Purged/sampled by: [signature]
Sample method: Bailer
Requested analyses: 8260B
Comments/observations:

Well Casing Volumes
2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 6" diameter = 1.50 gal/ft

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MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID: MW-64-D (to west) ~~MW-65~~

Date gauged: 7-6-16

Site: Lava Dry

Time gauged: 0840

Depth to PSH: — Feet

Well diameter: 2 Inches

Depth to water: 34.77 Feet

Height of fluid column: 18.4 Feet

Total depth: 53.17 Feet

Volume in well: 3.1 Gallons

NAPL thickness: — Feet

(3 well volumes = 9.3 gallons)

After Bailing NAPL

Depth to PSH _____ Feet

Depth to water _____ Feet

NAPL thickness _____ Feet

NAPL Recovered _____ Gallons

GROUNDWATER SAMPLING DATA

Time/date purged: 0845 7-6

Purge Method: Hand Bail

Time	Purge Volume (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
0845	0.25	21.1	1189	7.71		2.67
0850	3.0	20.4	1196	7.53		
0855	6.0	20.3	1178	7.50		
0902	9.0	20.4	1198	7.52		

Actual purge volume: 9.5 gal.

Field measurements stabilized within ± 10%? Y

Time/date sampled: 0905 7-6

Purged/sampled by: [signature]

Sample method: Clean Bail

Requested analyses: 8260B

Comments/observations:

Well Casing Volumes

2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 6" diameter = 1.50 gal/ft

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MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID: MW-8
Date gauged: 7-6-16
Site: Lawn-Dry
Time gauged: 0906
Depth to PSH: _____ Feet
Well diameter: 2 Inches
Depth to water: 29.64 Feet
Height of fluid column: 21.36 Feet
Total depth: 51.00 Feet
Volume in well: 3.6 Gallons
NAPL thickness: _____ Feet
(3 well volumes = 10.9 gallons)

After Bailing NAPL
Depth to PSH: _____ Feet
Depth to water: _____ Feet
NAPL thickness: _____ Feet
NAPL Recovered: _____ Gallons

GROUNDWATER SAMPLING DATA

Time/date purged: 0911
Purge Method: bailer

Time	Purge Volume (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
0911	0.25	20.0	1559	7.30		0.71
0918	5.5	19.7	1557	7.19		
0925	10.75	19.6	1562	7.22		

Actual purge volume: 11.0 gal.
Field measurements stabilized within ± 10%? Y
Time/date sampled: 0927 7-6-16
Purged/sampled by: [signature]
Sample method: disposable bailer
Requested analyses: 8260B
Comments/observations:

Well Casing Volumes
2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 6" diameter = 1.50 gal/ft

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MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID: MW-9
Date gauged: 7-5-16
Site: Laun-Dry
Time gauged: 0935
Depth to PSH: _____ Feet
Well diameter: 2 Inches
Depth to water: 30.33 Feet
Height of fluid column: 21.37 Feet
Total depth: 51.70 Feet
Volume in well: 3.6 Gallons
NAPL thickness: _____ Feet
(3 well volumes = 10.9 gallons)

After Bailing NAPL
Depth to PSH: _____ Feet
Depth to water: _____ Feet
NAPL thickness: _____ Feet
NAPL Recovered: _____ Gallons

GROUNDWATER SAMPLING DATA

Time/date purged: 0945 7-6-16
Purge Method: bailer

Time	Purge Volume (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
0945	0-25	20.3	1037	7.34		0.60
0952	5.5	19.9	1181	7.24		
0959	10.75	19.8	1175	7.27		

Actual purge volume: 11.0 gal.
Field measurements stabilized within ± 10%? Yes
Time/date sampled: 1000 7-6-16
Purged/sampled by: [illegible]
Sample method: disposable bailer
Requested analyses: 8260B
Comments/observations:

Well Casing Volumes
2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 6" diameter = 1.50 gal/ft

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MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID: MW-10
Date gauged: 7-5-16
Site: Lawn-Dry
Time gauged: 0826
Depth to PSH: _____ Feet
Well diameter: 2 Inches
Depth to water: 28.05 Feet
Height of fluid column: 18.90 Feet
Total depth: 46.95 Feet
Volume in well: 3.2 Gallons
NAPL thickness: _____ Feet
(3 well volumes = 9.6 gallons)

After Bailing NAPL
Depth to PSH: _____ Feet
Depth to water: _____ Feet
NAPL thickness: _____ Feet
NAPL Recovered: _____ Gallons

GROUNDWATER SAMPLING DATA

Time/date purged: 1320
Purge Method: bailer

Time	Purge Volume (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
1320	0.25	22.0	823	6.50		2.06
1329	4.25	20.3	858	6.50		

Actual purge volume: 5.5 gal.
Field measurements stabilized within ± 10%? Y
Time/date sampled: 1335 7-5-16
Purged/sampled by: [signature]
Sample method: disposable bailer
Requested analyses: 8260B
Comments/observations: bailing dry; took sample

Well Casing Volumes
2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 6" diameter = 1.50 gal/ft

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MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID: MW-11
Date gauged: 7-5-16
Site: Lawn-Dry
Time gauged: 0855
Depth to PSH: _____ Feet
Well diameter: 2 Inches
Depth to water: 26.56 Feet
Height of fluid column: 18.04 Feet
Total depth: 44.60 Feet
Volume in well: 3.1 Gallons
NAPL thickness: _____ Feet
(3 well volumes = 9.2 gallons)

After Bailing NAPL
Depth to PSH: _____ Feet
Depth to water: _____ Feet
NAPL thickness: _____ Feet
NAPL Recovered: _____ Gallons

GROUNDWATER SAMPLING DATA

Time/date purged: 0754 7-6-16
Purge Method: bailer

Time	Purge Volume (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
0754	0.25	19.5	1176	7.19		0.71
0800	4.5	19.1	1223	7.22		
0805	9.0	19.1	1267	7.21		

Actual purge volume: 9.25 gal.
Field measurements stabilized within ± 10%? Y
Time/date sampled: 0808 7-6-16
Purged/sampled by: [signature]
Sample method: disposable bailer
Requested analyses: 8260B
Comments/observations:

Well Casing Volumes
2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 6" diameter = 1.50 gal/ft

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MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID: MW-12
Site: Laun-Dry
Date gauged: 7-5-16
Time gauged: 1100
Depth to PSH: _____ Feet
Well diameter: 2 Inches
Depth to water: 30.58 Feet
Height of fluid column: 21.82 Feet
Total depth: 52.40 Feet
Volume in well: 3.7 Gallons
NAPL thickness: _____ Feet
(3 well volumes = 11.1 gallons)

After Bailing NAPL
Depth to PSH: _____ Feet
Depth to water: _____ Feet
NAPL thickness: _____ Feet
NAPL Recovered: _____ Gallons

GROUNDWATER SAMPLING DATA

Time/date purged: 1007 7-6-16
Purge Method: bail

Time	Purge Volume (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
1007	0.25	19.8	1279	7.18		1.31
1015	5.5	19.4	1269	7.26		
1023	11.0	19.3	1296	7.29		

Actual purge volume: 11.25 gal.
Field measurements stabilized within ± 10%? yes
Time/date sampled: 1025 7-6-16
Purged/sampled by: [signature]
Sample method: disposable bailer
Requested analyses: 8260B
Comments/observations:

Well Casing Volumes
2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 6" diameter = 1.50 gal/ft

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MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID: MW-14S
Date gauged: 7-5-16
Site: Laun-Dry
Time gauged: 1250

Depth to PSH: _____ Feet
Well diameter: 2 Inches

Depth to water: 26.32 Feet
Height of fluid column: 22.53 Feet

Total depth: 48.85 Feet
Volume in well: 3.8 Gallons

NAPL thickness: _____ Feet

(3 well volumes = 11.5 gallons)

After Bailing NAPL
Depth to PSH: _____ Feet
Depth to water: _____ Feet
NAPL thickness: _____ Feet
NAPL Recovered: _____ Gallons

GROUNDWATER SAMPLING DATA

Time/date purged: 1040 7-6-16
Purge Method: bailer

Time	Purge Volume (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
1040	0.25	19.6	1627	7.31		0.70
1048	5.75	19.4	1613	7.37		
1056	11.25	19.4	1590	7.41		

Actual purge volume: 11.5 gal.
Field measurements stabilized within ± 10%? yes

Time/date sampled: ~~1100~~ 1100 7-6-16
Purged/sampled by: [illegible]

Sample method: disposable bailer
Requested analyses: 8260B

Comments/observations: _____

Well Casing Volumes
2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 6" diameter = 1.50 gal/ft

Laun-Dry Supply Co.

Sheet 1 of 1
Date: 7-7-16

Ground Water Sampling Data Sheet

Well ID: MW-14D Sample ID: MW-14D Sample Time: 1100

Casing diameter/type: 2
Well location: Laun-Dry Supply Co.
Weather: Hot, sunny, 90°
Screened interval(s): 78 - 83
Sampling personnel: Werth + Lake
Total depth:
Sampling method: **Low-flow**
Initial depth to water (w/o pump): 26.28
Water level indicator: **Solinst**
Final depth to water (w/o pump):
Water quality meter: YSI
Measuring point: **North side of casing**
Pump depth setting: 80.5
Pump type/model: Mega Mansion

3-5 min	Δ < 10%	Δ < 10%			Δ < 10%		Δ < 0.3 ft	< 1L/min	< 10 NTU	< 0.5 L/min	Parameter Stabilization Limits (3 consecutive readings)
Time	**Temp (°C)**	**Conductivity (mS/cm) or (µS/cm)**	**DO (%)**	**DO (mg/L)**	**pH**	**ORP (mV)**	**Water Level (feet btoc)**	**Flow Rate (L/min) or (mL/min)**	**Turbidity (NTU)**	**Purge Volume (L) or (mL)**	**Additional Comments**
1041	24.7	1109	60.2	4.96	7.53	135.9	26.93	300			
1046	22.3	1132	15.7	1.33	7.36	135.3	27.31	300			
1051	21.4	1142	6.5	0.58	7.34	130.5	27.80	300			
1056	21.5	1150	4.7	0.41	7.33	121.8	27.58	300			

Parameter Stabilization Limits (3 consecutive readings) for percent difference type parameters.
Percent difference formula =
ABS[((first reading - second reading)/first reading) x 100]
Ex: Readings 12, 16, 15, 13
((12-16)/12)*100 = 33% ((16-15)/16)*100 = 6%
((15-13)/15)*100 = 13% In ex. stabilization has not occurred.

Recorded By: [signature]

6/29/2016

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MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID: MW-15S
Date gauged: 7-5-16
Site: Lovn-Day
Time gauged: 1145
Depth to PSH: _____ Feet
Well diameter: 2 Inches
Depth to water: 27.40 Feet
Height of fluid column: 21.70 Feet
Total depth: 49.10 Feet
Volume in well: 3.7 Gallons
NAPL thickness: _____ Feet
(3 well volumes = 11.1 gallons)

After Bailing NAPL
Depth to PSH _____ Feet
Depth to water _____ Feet
NAPL thickness _____ Feet
NAPL Recovered _____ Gallons

GROUNDWATER SAMPLING DATA

Time/date purged: 1440 7-6-16
Purge Method: hand bail

Time	Purge Volume (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
1440	0.25	19.8	1654	7.22		0.60
1447	5.5	19.4	1675	7.18		
1454	10.75	19.3	1685	7.18		

Actual purge volume: 11.25 gal.
Field measurements stabilized within ± 10%? _____
Time/date sampled: 1500 7-6-16
Purged/sampled by: [signature]
Sample method: disposable bailer
Requested analyses: 8260B
Comments/observations: _____

Well Casing Volumes
2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 6" diameter = 1.50 gal/ft

Laun-Dry Supply Co.

Sheet 1 of 1
Date: 7-7-16

Ground Water Sampling Data Sheet

Well ID: MW-15D **Sample ID:** MW-15D **Sample Time:** 1020

Casing diameter/type: 2
Screened interval(s): 68-73
Total depth: 75.55
Initial depth to water (w/o pump): 26.97
Final depth to water (w/o pump):
Measuring point: **North side of casing**

Well location: Laun-Dry Supply Co.
Sampling personnel: Weith & Lake
Sampling method: **Low-flow**
Water level indicator: **Solinst**
Water quality meter: YSI
Pump depth setting: 70.5

Weather: Hot, sunny, 90°
Pump type/model: Mega Monsoon

3-5 min	Δ < 10%	Δ < 10%			Δ < 10%		Δ < 0.3 ft	< 1L/min	< 10 NTU	< 0.5 L/min	Parameter Stabilization Limits (3 consecutive readings)
Time	**Temp (°C)**	**Conductivity (mS/cm) or (µS/cm)**	**DO (%)**	**DO (mg/L)**	**pH**	**ORP (mV)**	**Water Level (feet btoc)**	**Flow Rate (L/min) or (mL/min)**	**Turbidity (NTU)**	**Purge Volume (L) or (mL)**	**Additional Comments**
1003	22.9	1212	48.3	4.18	7.51	142.7	27.82	350			
1008	20.5	1110	11.7	1.02	7.44	143.2	27.85	350			
1013	21.2	1109	13.4	1.17	7.45	139.5	27.60	300			
1018	21.6	1107	10.6	0.44	7.45	136.7	27.50	300			

Parameter Stabilization Limits (3 consecutive readings) for percent difference type parameters.
Percent difference formula =
ABS[((first reading - second reading)/first reading) x 100]
Ex: Readings 12, 16, 15, 13
((12-16)/12)*100 = 33% ((16-15)/16)*100 = 6%
((15-13)/15)*100 = 13% In ex. stabilization has not occurred.

Recorded By: _____

6/29/2016

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MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID: MW-16
Site: Lavn-Dry
Date gauged: 7-5-16
Time gauged: 0837
Depth to PSH: _____ Feet
Well diameter: 2 Inches
Depth to water: 25.76 Feet
Height of fluid column: 16.24 Feet
Total depth: 42.00 Feet
Volume in well: 2.8 Gallons
NAPL thickness: _____ Feet
(3 well volumes = 8.3 gallons)

After Bailing NAPL
Depth to PSH _____ Feet
Depth to water _____ Feet
NAPL thickness _____ Feet
NAPL Recovered _____ Gallons

GROUNDWATER SAMPLING DATA

Time/date purged: 1418
Purge Method: Lid bail

Time	Purge Volume (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
1418	0.25	22.3	886	6.23		1.23
1424	4.0					

Actual purge volume: 8.5 gal.
Field measurements stabilized within ± 10%? N
Time/date sampled: 1430 7-5-16
Purged/sampled by: [signature]
Sample method: Disposable bailer
Requested analyses: 8260B
Comments/observations: water quality meter won't turn on

Well Casing Volumes
2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 6" diameter = 1.50 gal/ft

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MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID: MW-17
Date gauged: 7-5-16
Site: Laun Dry
Time gauged: 1210
Depth to PSH: — Feet
Well diameter: 2 Inches
Depth to water: 50.50 Feet
Height of fluid column: 18.8 Feet
Total depth: 69.3 Feet
Volume in well: 3.1 Gallons
NAPL thickness: — Feet
(3 well volumes = 9.3 gallons)

After Bailing NAPL
Depth to PSH _____ Feet
Depth to water _____ Feet
NAPL thickness _____ Feet
NAPL Recovered _____ Gallons

GROUNDWATER SAMPLING DATA

Time/date purged: 1215 7-6
Purge Method: Hand Bail

Time	Purge Volume (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
1215	0.25	23.0	1444	7.36		3.50
1220	3.0	22.5	1480	7.18		
1225	6.0	22.4	1501	7.20		
1231	9.0	22.2	14.96	7.18		

Actual purge volume: 9.5 gal.
Field measurements stabilized within ± 10%? Y
Time/date sampled: 1235 7-5-16
Purged/sampled by: [signature]
Sample method: Clean Bail
Requested analyses: 8260B
Comments/observations:

Well Casing Volumes
2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 6" diameter = 1.50 gal/ft

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MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID: MW-18(S)
Date gauged: 7-5-16
Site: Lava Dry
Time gauged: 0805
Depth to PSH: — Feet
Well diameter: 2 Inches
Depth to water: 53.03 Feet
Height of fluid column: 18.85 Feet
Total depth: 71.88 Feet
Volume in well: 3.2 Gallons
NAPL thickness: — Feet
(3 well volumes = 9.6 gallons)

After Bailing NAPL
Depth to PSH _____ Feet
Depth to water _____ Feet
NAPL thickness _____ Feet
NAPL Recovered _____ Gallons

GROUNDWATER SAMPLING DATA

Time/date purged: 0818
Purge Method: Hand Bail

Time	Purge Volume (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
0818	0.25	21.3	1537	6.50		2.47
0823	3.0	20.8	1522	6.90		
0828	6.0	20.9	1530	6.88		
0833	9.5	20.8	1535	6.91		

Actual purge volume: 9.75 gal.
Field measurements stabilized within ± 10%? Y
Time/date sampled: 0835 7-5-16
Purged/sampled by: [signature]
Sample method: Clean Bail
Requested analyses: 8260B
Comments/observations:

Well Casing Volumes
2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 6" diameter = 1.50 gal/ft

Laun-Dry Supply Co.

Sheet 1 of 1
Date: 7-7-16

Ground Water Sampling Data Sheet

Well ID: MW-18D **Sample ID:** MW-18D **Sample Time:** 1210

Casing diameter/type: 4
Well location: Laun-Dry Supply Co.
Weather: Hot, sunny, 95°
Screened interval(s): 180-185
Sampling personnel: Werth + Lake
Total depth: 187.50
Sampling method: **Low-flow**
Initial depth to water (w/o pump): 52.75
Water level indicator: **Solinst**
Final depth to water (w/o pump):
Water quality meter: YSI
Measuring point: **North side of casing**
Pump depth setting: 182.5
Pump type/model: Aqua Manson

3-5 min	Δ < 10%	Δ < 10%			Δ < 10%		Δ < 0.3 ft	< 1L/min	< 10 NTU	< 0.5 L/min	Parameter Stabilization Limits (3 consecutive readings)
Time	**Temp (°C)**	**Conductivity (mS/cm) or (µS/cm)**	**DO (%)**	**DO (mg/L)**	**pH**	**ORP (mV)**	**Water Level (feet btoc)**	**Flow Rate (L/min) or (mL/min)**	**Turbidity (NTU)**	**Purge Volume (L) or (mL)**	**Additional Comments**
1150	25.4	431.3	29.6	2.22	7.71	131.7	52.90	225			
1155	23.0	418.6	9.1	0.77	7.83	130.9	52.83	300			
1200	22.3	417.4	5.4	0.47	7.97	126.8	52.83	350			
1205	22.3	417.7	5.1	0.44	7.98	123.4	52.83	350			

Parameter Stabilization Limits (3 consecutive readings) for percent difference type parameters.
Percent difference formula =
ABS[((first reading - second reading)/first reading) x 100]
Ex: Readings 12, 16, 15, 13
((12-16)/12)*100 = 33% ((16-15)/16)*100 = 6%
((15-13)/15)*100 = 13% In ex. stabilization has not occurred.

Recorded By:

6/29/2016

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MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID: MW-19
Date gauged: 7-5-16
Site: Lava Dig
Time gauged: 0850
Depth to PSH: — Feet
Well diameter: 2 Inches
Depth to water: 45.16 Feet
Height of fluid column: 18.7 Feet
Total depth: 63.88 Feet
Volume in well: 3.1 Gallons
NAPL thickness: — Feet
(3 well volumes = 9.3 gallons)

After Bailing NAPL
Depth to PSH _____ Feet
Depth to water _____ Feet
NAPL thickness _____ Feet
NAPL Recovered _____ Gallons

GROUNDWATER SAMPLING DATA

Time/date purged: 0853
Purge Method: Hand Bail

Time	Purge Volume (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
0853	0.25	23.0	1200	7.20		3.20
0859	3.0	22.0	1202	7.13		
0904	6.0	21.9	1200	7.09		
0909	9.25	21.7	1207	7.13		

Actual purge volume: 9.5 gal.
Field measurements stabilized within ± 10%? Y
Time/date sampled: 0910 ~~7/6/15~~ 7-5-16
Purged/sampled by: [signature]
Sample method: Clean Bail
Requested analyses: 8260B
Comments/observations:

Well Casing Volumes
2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 6" diameter = 1.50 gal/ft

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MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID: OB-1
Date gauged: 7-5-16
Site: Lawn-Dry
Time gauged: 0920

Depth to PSH: _____ Feet
Well diameter: 2 Inches

Depth to water: 28.26 Feet
Height of fluid column: 21.39 Feet

Total depth: 49.65 Feet
Volume in well: 3.6 Gallons

NAPL thickness: _____ Feet

(3 well volumes = 11.0 gallons)

After Bailing NAPL

Depth to PSH: _____ Feet
Depth to water: _____ Feet
NAPL thickness: _____ Feet
NAPL Recovered: _____ Gallons

GROUNDWATER SAMPLING DATA

Time/date purged: 0818 7-6-16
Purge Method: bailer

Time	Purge Volume (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
0818	0.25	18.6	1373	7.18		0.52
0825	5.5	18.2	1389	7.22		
0832	10.75	18.2	1388	7.22		

Actual purge volume: 11.0 gal.
Field measurements stabilized within ± 10%? Y

Time/date sampled: 0835 7-6-16
Purged/sampled by: [signature]

Sample method: disposable bailer
Requested analyses: 8260B

Comments/observations:

Well Casing Volumes
2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 6" diameter = 1.50 gal/ft

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MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID: OB-2
Date gauged: 7-5-16
Site: Leon-Day
Time gauged: 1120

Depth to PSH: _____ Feet
Well diameter: 2 Inches

Depth to water: 27.06 Feet
Height of fluid column: 22.54 Feet

Total depth: 49.60 Feet
Volume in well: 3.8 Gallons

NAPL thickness: _____ Feet

(3 well volumes = 11.5 gallons)

After Bailing NAPL

Depth to PSH _____ Feet
Depth to water _____ Feet
NAPL thickness _____ Feet
NAPL Recovered _____ Gallons

GROUNDWATER SAMPLING DATA

Time/date purged: 1258 7-6-16
Purge Method: bailer

Time	Purge Volume (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
1258	0.25	20.6	1430	7.25		0.63
1305	5.75	19.8	1529	7.24		
1313	11.25	19.7	1534	7.25		

Actual purge volume: 11.5 gal.
Field measurements stabilized within ± 10%? yes

Time/date sampled: 1315 7-6-16
Purged/sampled by: [signature]

Sample method: disposable bailer
Requested analyses: 8260B
Comments/observations:

Well Casing Volumes
2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 6" diameter = 1.50 gal/ft

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MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID: OB-3
Date gauged: 7-5-16
Site: Lava Dry
Time gauged: 1115

Depth to PSH: — Feet
Well diameter: 2 Inches
Depth to water: 26.66 Feet
Height of fluid column: 21.4 Feet
Total depth: 48.10 Feet
Volume in well: 3.6 Gallons
NAPL thickness: — Feet
(3 well volumes = 10.8 gallons)

After Bailing NAPL
Depth to PSH _____ Feet
Depth to water _____ Feet
NAPL thickness _____ Feet
NAPL Recovered _____ Gallons

GROUNDWATER SAMPLING DATA

Time/date purged: 1124 7-6
Purge Method: Hand Bail

Time	Purge Volume (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
1124	0.25	22.5	1118	7.65		2.20
1127	2.5	20.6	1134	7.46		
1131	5.0	20.7	1157	7.50		
1136	8.0	20.8	1154	7.50		
1139	10.5	21.0	1152	7.49		

Actual purge volume: 11.0 gal.
Field measurements stabilized within ± 10%? Y

Time/date sampled: 1140 7-5-16
Purged/sampled by: [signature]

Sample method: Clean Bail
Requested analyses: 8260B
Comments/observations:

Well Casing Volumes
2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 6" diameter = 1.50 gal/ft

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MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID: SVE-1
Date gauged: 7-6-16
Site: Lawn Dry
Time gauged: 1425
Depth to PSH: — Feet
Well diameter: 2 Inches
Depth to water: 27.74 Feet
Height of fluid column: 10.8 Feet
Total depth: 38.60 Feet
Volume in well: 1.8 Gallons
NAPL thickness: — Feet
(3 well volumes = 5.4 gallons)

After Bailing NAPL
Depth to PSH _____ Feet
Depth to water _____ Feet
NAPL thickness _____ Feet
NAPL Recovered _____ Gallons

GROUNDWATER SAMPLING DATA

Time/date purged: 1428 7-6
Purge Method: Hand Bail

Time	Purge Volume (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
1428	0.25	24.9	1338	7.82		6.02
1432	2.0	21.2	1512	7.58		
1437	4.0	21.3	1530	7.54		
1440	5.25	21.2	1546	7.52		

Actual purge volume: 5.5 gal.
Field measurements stabilized within ± 10%? Y
Time/date sampled: 1445 7-6
Purged/sampled by: [signature]
Sample method: Clean Bail
Requested analyses: 8260B
Comments/observations:

Well Casing Volumes
2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 6" diameter = 1.50 gal/ft

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MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID: SVE-2
Date gauged: 7-5-16
Site: Laun-Dry
Time gauged: 1010

Depth to PSH: _____ Feet
Well diameter: 2 Inches

Depth to water: 28.06 Feet
Height of fluid column: 10.39 Feet

Total depth: 38.45 Feet
Volume in well: 1.8 Gallons

NAPL thickness: _____ Feet

(3 well volumes = 5.3 gallons)

After Bailing NAPL

Depth to PSH: _____ Feet
Depth to water: _____ Feet
NAPL thickness: _____ Feet
NAPL Recovered: _____ Gallons

GROUNDWATER SAMPLING DATA

Time/date purged: 1138 7-6-16
Purge Method: hand bail

Time	Purge Volume (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
1138	0.25	18.9	1507	7.28		0.47
1142	2.25	18.3	1528	7.23		
1146	5.25	18.2	1542	7.26		

Actual purge volume: 5.5 gal.
Field measurements stabilized within ± 10%? Yes

Time/date sampled: 1150 7-6-16
Purged/sampled by: [illegible]

Sample method: disposable bailer
Requested analyses: 8260B

Comments/observations:

Well Casing Volumes
2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 6" diameter = 1.50 gal/ft

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MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID: SVE-3
Date gauged: 7-6-16
Site: Lovn-Dry
Time gauged: 1655

Depth to PSH: _____ Feet
Well diameter: 2 Inches
Depth to water: 26.31 Feet
Height of fluid column: 12.09 Feet
Total depth: 38.40 Feet
Volume in well: 2.1 Gallons
NAPL thickness: _____ Feet

(3 well volumes = 6.2 gallons)

After Bailing NAPL
Depth to PSH: _____ Feet
Depth to water: _____ Feet
NAPL thickness: _____ Feet
NAPL Recovered: _____ Gallons

GROUNDWATER SAMPLING DATA

Time/date purged: 1212 7-6-16
Purge Method: bailer

Time	Purge Volume (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
1212	0.25	20.6	1827	7.07		0.46
1217	3.0	19.8	1850	7.09		
1221	6.0	19.7	1839	7.09		

Actual purge volume: 6.25 gal.
Field measurements stabilized within ± 10%? Yes

Time/date sampled: 1225 7-6-16
Purged/sampled by: [illegible]

Sample method: disposable bailer
Requested analyses: 8260B
Comments/observations:

Well Casing Volumes
2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 6" diameter = 1.50 gal/ft

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MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID: BIA-MW-3
Date gauged: 7-6-16
Site: Lava Dry
Time gauged: 0950
Depth to PSH: — Feet
Well diameter: 2 Inches
Depth to water: 30.86 Feet
Height of fluid column: 21.3 Feet
Total depth: 52.21 Feet
Volume in well: 3.6 Gallons
NAPL thickness: — Feet
(3 well volumes = 10.8 gallons)

After Bailing NAPL
Depth to PSH _____ Feet
Depth to water _____ Feet
NAPL thickness _____ Feet
NAPL Recovered _____ Gallons

GROUNDWATER SAMPLING DATA

Time/date purged: 0953 7-6
Purge Method: Hand Bail

Time	Purge Volume (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
0953	0.25	22.4	1071	7.52		3.53
0958	3.0	21.2	1240	7.32		
1002	6.0	20.9	1263	7.30		
1006	10.0	21.0	1280	7.28		

Actual purge volume: 11.0 gal.
Field measurements stabilized within ± 10%? Y
Time/date sampled: 1010 7-6
Purged/sampled by: [signature]
Sample method: Clean Bail
Requested analyses: 8260B
Comments/observations:

Well Casing Volumes
2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 6" diameter = 1.50 gal/ft

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MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID: New BFA-E MW
Date gauged: 7-6-16
Site: Lava Dry
Time gauged: 1055
Depth to PSH: — Feet
Well diameter: 2 Inches
Depth to water: 30.31 Feet
Height of fluid column: 12.99 Feet
Total depth: 43.30 Feet
Volume in well: 2.2 Gallons
NAPL thickness: — Feet
(3 well volumes = 6.6 gallons)

After Bailing NAPL
Depth to PSH _____ Feet
Depth to water _____ Feet
NAPL thickness _____ Feet
NAPL Recovered _____ Gallons

GROUNDWATER SAMPLING DATA

Time/date purged: 1057 7-6
Purge Method: Hand Bail

Time	Purge Volume (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
1057	0.25	23.2	739	8.03		6.1
1100	2.0	20.9	1183	7.50		
1104	4.0	20.2	1225	7.45		
1108	6.5	20.3	1236	7.42		

Actual purge volume: 6.75 gal.
Field measurements stabilized within ± 10%? Y
Time/date sampled: 1110
Purged/sampled by: [signature]
Sample method: Clean Bail
Requested analyses: 8260B
Comments/observations:

Well Casing Volumes
2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 6" diameter = 1.50 gal/ft

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MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID: BG-BMW-8
Date gauged: 7-6-16
Site: Laun Dry
Time gauged: 0800

Depth to PSH: – Feet
Well diameter: 2 Inches
Depth to water: 36.32 Feet
Height of fluid column: 10.94 Feet
Total depth: 47.26 Feet
Volume in well: 1.8 Gallons
NAPL thickness: – Feet

(3 well volumes = 5.4 gallons)

After Bailing NAPL
Depth to PSH: _____ Feet
Depth to water: _____ Feet
NAPL thickness: _____ Feet
NAPL Recovered: _____ Gallons

GROUNDWATER SAMPLING DATA

Time/date purged: 0810 7-6
Purge Method: Hand Bail

Time	Purge Volume (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
0810	0.25	21.0	1593	6.91	/	2.17
0813	2.0	20.4	1724	7.09	/	/
0816	3.5	20.2	1720	7.13	/	/
0820	5.25	20.2	1711	7.14	/	/

Actual purge volume: 5.5 gal.
Field measurements stabilized within ± 10%? Y

Time/date sampled: 0825 7-6
Purged/sampled by: [signature]

Sample method: Clean Bail
Requested analyses: 8260B
Comments/observations: slight ~~strong~~ odor

Well Casing Volumes
2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 6" diameter = 1.50 gal/ft

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MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID: BG-BMW-12
Date gauged: 7-6-16
Site: Laun Dry
Time gauged: 1505
Depth to PSH: — Feet
Well diameter: 2 Inches
Depth to water: 36.00 Feet
Height of fluid column: 11.22 Feet
Total depth: 47.22 Feet
Volume in well: 1.9 Gallons
NAPL thickness: — Feet
(3 well volumes = 5.7 gallons)

After Bailing NAPL
Depth to PSH _____ Feet
Depth to water _____ Feet
NAPL thickness _____ Feet
NAPL Recovered _____ Gallons

GROUNDWATER SAMPLING DATA

Time/date purged: 1507
Purge Method: Hand Bail

Time	Purge Volume (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
1507	0.25	23.9	1234	7.59	/	3.44
1512	2.0	22.0	1240	7.48	/	/
1515	4.0	21.9	1236	7.46	/	/
1519	5.5	21.9	1242	7.45	/	/

Actual purge volume: 5.75 gal.
Field measurements stabilized within ± 10%? Y
Time/date sampled: 1525 7-6
Purged/sampled by: [signature]
Sample method: Clean Bail
Requested analyses: 8260B
Comments/observations:

Well Casing Volumes
2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 6" diameter = 1.50 gal/ft

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MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID: CA-FSY-14
Date gauged: 7-5-16
Site: Lava Dry
Time gauged: 1400
Depth to PSH: — Feet
Well diameter: 2 Inches
Depth to water: 35.25 Feet
Height of fluid column: 12.9 Feet
Total depth: 48.18 Feet
Volume in well: 2.1 Gallons
NAPL thickness: — Feet
(3 well volumes = 6.3 gallons)

After Bailing NAPL
Depth to PSH _____ Feet
Depth to water _____ Feet
NAPL thickness _____ Feet
NAPL Recovered _____ Gallons

GROUNDWATER SAMPLING DATA

Time/date purged: 1405 7-5
Purge Method: Hand Bail

Time	Purge Volume (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
1405	0.25	25.2	1468	7.65		2.8
1410	2.0	22.0	1447	7.60		
1414	4.0	21.9	1430	7.62		
1417	6.0	21.7	1436	7.61		

Actual purge volume: 6.5 gal.
Field measurements stabilized within ± 10%? Y
Time/date sampled: 1420 7-5
Purged/sampled by: [signature]
Sample method: Clean Bail
Requested analyses: 8260B
Comments/observations: Well cap not on well upon arrival. Replaced cap upon departure.

Well Casing Volumes
2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 6" diameter = 1.50 gal/ft

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MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID: CHMW-E
Date gauged: 7-6-16
Site: Lava Dry
Time gauged: 1200

Depth to PSH: — Feet
Well diameter: 2 Inches
Depth to water: 35.28 Feet
Height of fluid column: 17.3 Feet
Total depth: 52.60 Feet
Volume in well: 2.9 Gallons
NAPL thickness: — Feet
(3 well volumes = 8.7 gallons)

After Bailing NAPL
Depth to PSH _____ Feet
Depth to water _____ Feet
NAPL thickness _____ Feet
NAPL Recovered _____ Gallons

GROUNDWATER SAMPLING DATA

Time/date purged: 1205
Purge Method: Hand Bail

Time	Purge Volume (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
1205	0.25	24.2	1192	7.61		2.93
1209	2.0	22.1	1293	7.46		
1213	5.0	21.6	1290	7.44		
1218	8.0	21.4	1285	7.42		

Actual purge volume: 8.75 gal.
Field measurements stabilized within ± 10%? [illegible]
Time/date sampled: 1220 7-6
Purged/sampled by: [illegible]
Sample method: Clean Bail
Requested analyses: 8260B
Comments/observations:

Well Casing Volumes
2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 6" diameter = 1.50 gal/ft

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MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID: MW-4H-01
Date gauged: 7-5-16
Site: Lwn Dry
Time gauged: 1035

Depth to PSH: — Feet
Well diameter: 2 Inches
Depth to water: ~~57.61~~ 33.28 Feet
Height of fluid column: 24.3 Feet
Total depth: 57.61 Feet
Volume in well: 4.1 Gallons
NAPL thickness: _____ Feet

(3 well volumes = 12.3 gallons)

After Bailing NAPL
Depth to PSH _____ Feet
Depth to water _____ Feet
NAPL thickness _____ Feet
NAPL Recovered _____ Gallons

GROUNDWATER SAMPLING DATA

Time/date purged: 1037 7-6
Purge Method: Hand Bail

Time	Purge Volume (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
1037	0.25	24.3	1169	8.01	/	4.5
1043	4.0	20.9	1310	7.51	/	/
1049	8.0	21.0	1284	7.79	/	/
1056	12.0	20.9	1261	7.78	/	/

Actual purge volume: 12.5 gal.
Field measurements stabilized within ± 10%? Y

Time/date sampled: 1058 7-5-16
Purged/sampled by: [signature]

Sample method: Clean Bail
Requested analyses: 8240B

Comments/observations:

Well Casing Volumes
2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 6" diameter = 1.50 gal/ft

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MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID: MW-4H-02
Date gauged: 7-5-16
Site: Gun Dry
Time gauged: 0940
Depth to PSH: — Feet
Well diameter: 2 Inches
Depth to water: 32.34 Feet
Height of fluid column: 22.93 Feet
Total depth: 55.27 Feet
Volume in well: 3.8 Gallons
NAPL thickness: ✓ Feet

(3 well volumes = 11.4 gallons)

After Bailing NAPL
Depth to PSH _____ Feet
Depth to water _____ Feet
NAPL thickness _____ Feet
NAPL Recovered _____ Gallons

GROUNDWATER SAMPLING DATA

Time/date purged: 0948
Purge Method: Hand Bail

Time	Purge Volume (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
0948	0.25	22.7	1241	7.78	/	3.80
0952	3.0	21.6	1276	7.67	/	/
0959	7.0	21.5	1280	7.65	/	/
1006	11.25	21.5	1284	7.66		

Actual purge volume _____ gal.
Field measurements stabilized within ± 10%? Y
Time/date sampled: 1010 7-5-16
Purged/sampled by: [signature]
Sample method: Clean Bail
Requested analyses: 8260B
Comments/observations

Well Casing Volumes
2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 6" diameter = 1.50 gal/ft

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MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID: MW-4H-04
Date gauged: 7-8-16
Site: Laguna Dry
Time gauged: 0815
Depth to PSH: — Feet
Well diameter: 2 Inches
Depth to water: 31.92 Feet
Height of fluid column: 22.6 Feet
Total depth: 54.58 Feet
Volume in well: 3.8 Gallons
NAPL thickness: — Feet
(3 well volumes = 11.4 gallons)

After Bailing NAPL
Depth to PSH _____ Feet
Depth to water _____ Feet
NAPL thickness _____ Feet
NAPL Recovered _____ Gallons

GROUNDWATER SAMPLING DATA

Time/date purged: 0817 7-8
Purge Method: Hand Bail

Time	Purge Volume (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
0817	0.25	20.3	1164	7.52	/	3.16
0825	4.00	20.2	1241	7.49	/	/
0831	8.00	20.3	1252	7.47	/	
0835	11.25	20.3	1256	7.47		

Actual purge volume: 11.50 gal.
Field measurements stabilized within ± 10%? Y
Time/date sampled: 0836 7-8
Purged/sampled by: [signature]
Sample method: Clean Bail
Requested analyses: 8260B
Comments/observations:

Well Casing Volumes
2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 6" diameter = 1.50 gal/ft

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MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID: MW-4H-06
Date gauged: 7-8-16
Site: Lwn D'7
Time gauged: 0715

Depth to PSH: – Feet
Well diameter: – Inches
Depth to water: 35.35 Feet
Height of fluid column: 21.2 Feet
Total depth: 56.61 Feet
Volume in well: 3.6 Gallons
NAPL thickness: – Feet

(3 well volumes = 10.8 gallons)

After Bailing NAPL
Depth to PSH _____ Feet
Depth to water _____ Feet
NAPL thickness _____ Feet
NAPL Recovered _____ Gallons

GROUNDWATER SAMPLING DATA

Time/date purged: 0723 7-8
Purge Method: Hand Bail

Time	Purge Volume (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
0723	0.25	19.4	1244	6.58		2.82
0728	3.0	19.7	1280	6.99		
0732	6.0	19.8	1296	7.00		
0738	10.75	19.8	1292	7.06		

Actual purge volume: 11.0 gal.
Field measurements stabilized within ± 10%? Y
Time/date sampled: 0740 7-8
Purged/sampled by: [signature]
Sample method: Clean Bail
Requested analyses: 8260B
Comments/observations:

Well Casing Volumes
2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 6" diameter = 1.50 gal/ft

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MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID: NI-MW-2
Date gauged: 7-6-16
Site: Lava Dry
Time gauged: 1535
Depth to PSH: — Feet
Well diameter: 2 Inches
Depth to water: 32.48 Feet
Height of fluid column: 11.1 Feet
Total depth: 43.59 Feet
Volume in well: 1.8 Gallons
NAPL thickness: _____ Feet
(3 well volumes = 5.4 gallons)

After Bailing NAPL
Depth to PSH _____ Feet
Depth to water _____ Feet
NAPL thickness _____ Feet
NAPL Recovered _____ Gallons

GROUNDWATER SAMPLING DATA

Time/date purged: 1540 7-6
Purge Method: Hand Bail

Time	Purge Volume (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
1540	0.25	24.1	1298	7.60		3.27
1544	2.0	22.4	1450	7.50		
1547	4.0	22.0	1448	7.44		
1551	5.25	21.8	1445	7.41		
~~1555~~						

Actual purge volume: 5.5 gal.
Field measurements stabilized within ± 10%? Y
Time/date sampled: 1555 7-6
Purged/sampled by: [signature]
Sample method: Clean Bail
Requested analyses: 8260B
Comments/observations:

Well Casing Volumes
2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 6" diameter = 1.50 gal/ft

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MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID: Ray Mar W
Site: Lava Dry
Date gauged: 7-8-16
Time gauged: 0906

Depth to PSH: — Feet
Well diameter: 2 Inches
Depth to water: 36.49 Feet
Height of fluid column: 21.9 Feet
Total depth: 58.46 Feet
Volume in well: 3.7 Gallons
NAPL thickness: _____ Feet

(3 well volumes = 11.1 gallons)

After Bailing NAPL
Depth to PSH _____ Feet
Depth to water _____ Feet
NAPL thickness _____ Feet
NAPL Recovered _____ Gallons

GROUNDWATER SAMPLING DATA

Time/date purged: 0908 7-8
Purge Method: Hand Bail

Time	Purge Volume (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
0908	0.25	21.6	1209	7.47	/	4.10
0913	3.0	21.0	1220	7.45	/	/
0920	8.0	20.8	1218	7.43	/	
0927	11.0	20.6	1209	7.41	/	

Actual purge volume: 11.25 gal.
Field measurements stabilized within ± 10%? Y

Time/date sampled: 0930
Purged/sampled by: [signature]

Sample method: Bailer
Requested analyses: 8260B
Comments/observations: slow recharge

Well Casing Volumes
2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 6" diameter = 1.50 gal/ft

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MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID: Ray-MW-E
Date gauged: 7-8-16
Site: Lum Dry
Time gauged: 0842
Depth to PSH: — Feet
Well diameter: 2 Inches
Depth to water: 37.18 Feet
Height of fluid column: 14.6 Feet
Total depth: 51.82 Feet
Volume in well: 2.4 Gallons
NAPL thickness: — Feet
(3 well volumes = 7.2 gallons)

After Bailing NAPL
Depth to PSH _____ Feet
Depth to water _____ Feet
NAPL thickness _____ Feet
NAPL Recovered _____ Gallons

GROUNDWATER SAMPLING DATA

Time/date purged: 0845 7-8
Purge Method: Hand Bail

Time	Purge Volume (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
0845	0.25	21.4	1192	7.41		3.30
0848	2.0	21.2	1190	7.38		
0851	5.0	21.0	1200	7.39		
0854	7.0	21.0	1201	7.38		

Actual purge volume: 7.25 gal.
Field measurements stabilized within ± 10%? Y
Time/date sampled: 0857 7-8
Purged/sampled by: [signature]
Sample method: Clean Bail
Requested analyses: 8260B
Comments/observations:

Well Casing Volumes
2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 6" diameter = 1.50 gal/ft

Laun-Dry Supply Co.

Sheet 1 of 1
Date: 7-7-16

Ground Water Sampling Data Sheet

Well ID: SBM-1 Sample ID: SBM-1 Sample Time: 0922

Casing diameter/type: 4
Screened interval(s): 135-145
Total depth: 153
Initial depth to water (w/o pump): 87.75
Final depth to water (w/o pump):
Measuring point: **North side of casing**

Well location: Laun-Dry Supply Co.
Sampling personnel: Werth + Lake
Sampling method: **Low-flow**
Water level indicator: **Solinst**
Water quality meter: YSI
Pump depth setting: 140

Weather: warm, sunny, 80°f
Pump type/model: Mega Monsoon

3-5 min	Δ < 10%	Δ < 10%			Δ < 10%		Δ < 0.3 ft	< 1L/min	< 10 NTU	< 0.5 L/min	Parameter Stabilization Limits (3 consecutive readings)
Time	**Temp (°C)**	**Conductivity (mS/cm) or (µS/cm)**	**DO (%)**	**DO (mg/L)**	**pH**	**ORP (mV)**	**Water Level (feet btoc)**	**Flow Rate (L/min) or (mL/min)**	**Turbidity (NTU)**	**Purge Volume (L) or (mL)**	**Additional Comments**
0905	23.5	1467	24.5	2.01	7.12	148.9	87.82	200			
0910	21.7	1497	10.4	0.91	7.09	149.1	87.84	300			
0915	20.4	1491	7.6	0.68	7.09	149.2	87.84	250			
0920	20.4	1490	7.0	0.62	7.09	149.0	87.85	200			

Parameter Stabilization Limits (3 consecutive readings) for percent difference type parameters.
Percent difference formula =
ABS[((first reading - second reading)/first reading) x 100]
Ex: Readings 12, 16, 15, 13
((12-16)/12)*100 = 33% ((16-15)/16)*100 = 6%
((15-13)/15)*100 = 13% In ex. stabilization has not occurred.

Recorded By: _____

6/29/2016

Laun-Dry Supply Co.

Sheet 1 of 1
Date: 7-7-16

Ground Water Sampling Data Sheet

Well ID: SBM-2 Sample ID: SBM-2 Sample Time: 0840

Casing diameter/type: 4"
Screened interval(s): 71-91
Total depth: 98.50
Initial depth to water (w/o pump): 86.32
Final depth to water (w/o pump):
Measuring point: **North side of casing**

Well location: Laun-Dry Supply Co.
Sampling personnel: Werth, Lake
Sampling method: **Low-flow**
Water level indicator: **Solinst**
Water quality meter: YSI
Pump depth setting: 88.66

Weather: Warm, sunny, 75°f
Pump type/model: Mega monsoon

3-5 min	Δ < 10%	Δ < 10%			Δ < 10%		Δ < 0.3 ft	< 1L/min	< 10 NTU	< 0.5 L/min	Parameter Stabilization Limits (3 consecutive readings)
Time	**Temp (°C)**	**Conductivity (mS/cm) or (µS/cm)**	**DO (%)**	**DO (mg/L)**	**pH**	**ORP (mV)**	**Water Level (feet btoc)**	**Flow Rate (L/min) or (mL/min)**	**Turbidity (NTU)**	**Purge Volume (L) or (mL)**	**Additional Comments**
0823	21.1	990	68.0	6.02	6.71	165.7	87.15	175			
0828	21.2	959	58.9	5.28	7.01	159.2	86.92	400			
0833	20.0	962	64.1	5.74	7.08	156.3	86.98	400			
0838	21.4	946	62.3	5.50	7.12	149.2	86.98	350			

Parameter Stabilization Limits (3 consecutive readings) for percent difference type parameters.
Percent difference formula =
ABS[((first reading - second reading)/first reading) x 100]
Ex: Readings 12, 16, 15, 13
((12-16)/12)*100 = 33% ((16-15)/16)*100 = 6%
((15-13)/15)*100 = 13% In ex. stabilization has not occurred.

Recorded By: _____

6/29/2016

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MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID: Sunset Production wells
Date gauged: 7-7-16
Site: Lava Dry
Time gauged: NA

Depth to PSH: — Feet
Well diameter: — Inches
Depth to water: — Feet
Height of fluid column: — Feet
Total depth: — Feet
Volume in well: — Gallons
NAPL thickness: — Feet

(3 well volumes = _____ gallons)

After Bailing NAPL
Depth to PSH _____ Feet
Depth to water _____ Feet
NAPL thickness _____ Feet
NAPL Recovered _____ Gallons

GROUNDWATER SAMPLING DATA

Time/date purged: 1515
Purge Method: _____

Time	Purge Volume (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
			Tap			
			Sample			
			only			

Actual purge volume _____ gal.
Field measurements stabilized within ± 10%? _____

Time/date sampled: 1535 7-7-16
Purged/sampled by: [signature]

Sample method: ~~8260B~~ CL Purge 20 min
Requested analyses: 8260B

Comments/observations: Located at South west corner of road from main entrance on Menaul across from 'Best Friends'

Well Casing Volumes
2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 6" diameter = 1.50 gal/ft

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MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID: Sunset Hand Pump
Date gauged: 7-7-16
Site: Gun Dly
Time gauged: _____

Depth to PSH: – Feet
Well diameter: – Inches
Depth to water: – Feet
Height of fluid column: – Feet
Total depth: – Feet
Volume in well: – Gallons
NAPL thickness: – Feet

(3 well volumes = _____ gallons)

After Bailing NAPL
Depth to PSH _____ Feet
Depth to water _____ Feet
NAPL thickness _____ Feet
NAPL Recovered _____ Gallons

GROUNDWATER SAMPLING DATA

Time/date purged: ~~1515~~ 1515
Purge Method: _____

Time	Purge Volume (gal)	Temp (˚C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
			Tap	Sample		
				Only		

Actual purge volume _____ gal.
Field measurements stabilized within ± 10%? _____

Time/date sampled: 1535 7-7-16
Purged/sampled by: [signature]

Sample method _____

Requested analyses _____

Comments/observations _____

Well Casing Volumes
2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 6" diameter = 1.50 gal/ft

EA Engineering, Science, and Technology
320 Gold Avenue SW, Suite 1210
Albuquerque, NM 87102
Phone: (505) 224-9013

MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID: Menaul School Well
Date gauged: 7-7-16
Site: Lava Dry
Time gauged: —

Depth to PSH _____ Feet
Well diameter _____ Inches
Depth to water _____ Feet
Height of fluid column _____ Feet
Total depth _____ Feet
Volume in well _____ Gallons
NAPL thickness _____ Feet

(3 well volumes = _____ gallons)

After Bailing NAPL
Depth to PSH _____ Feet
Depth to water _____ Feet
NAPL thickness _____ Feet
NAPL Recovered _____ Gallons

GROUNDWATER SAMPLING DATA

Time/date purged: 1550
Purge Method _____

Time	Purge Volume (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
			Tap sample only			

Actual purge volume _____ gal.
Field measurements stabilized within ± 10%? _____

Time/date sampled: 1600
Purged/sampled by _____

Sample method: Tap
Requested analyses: 8260B
Comments/observations _____

Well Casing Volumes
2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 6" diameter = 1.50 gal/ft

EA Engineering, Science, and Technology
320 Gold Avenue SW, Suite 1210
Albuquerque, NM 87102
Phone: (505) 224-9013

MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID: Cemetery South
Site: Lawn Dry
Date gauged: ~~7/15/16~~ 7/19/16
Time gauged: ✓

Depth to PSH _____ Feet
Depth to water _____ Feet
Total depth _____ Feet
NAPL thickness _____ Feet

Well diameter _____ Inches
Height of fluid column _____ Feet
Volume in well _____ Gallons

(3 well volumes = _____ gallons)

After Bailing NAPL
Depth to PSH _____ Feet
Depth to water _____ Feet
NAPL thickness _____ Feet
NAPL Recovered _____ Gallons

GROUNDWATER SAMPLING DATA

Time/date purged: 1045
Purge Method: Tap

Time	Purge Volume (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
			Sample	Only		

Actual purge volume _____ gal.
Field measurements stabilized within ± 10%? _____

Time/date sampled: 1105 7/19
Purged/sampled by: [signature]

Sample method: Tap, purge
Requested analyses: 8260B
Comments/observations: Patrick indicated taps had been used to water grass all previous night

Well Casing Volumes
2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 6" diameter = 1.50 gal/ft

EA Engineering, Science, and Technology
320 Gold Avenue SW, Suite 1210
Albuquerque, NM 87102
Phone: (505) 224-9013

MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID: Cemetery North
Site: Lava Dry
Date gauged: 7/19/16
Time gauged: ~~/~~

Depth to PSH _____ Feet
Depth to water _____ Feet
Total depth _____ Feet
NAPL thickness _____ Feet

Well diameter _____ Inches
Height of fluid column _____ Feet
Volume in well _____ Gallons

(3 well volumes = _____ gallons)

After Bailing NAPL
Depth to PSH _____ Feet
Depth to water _____ Feet
NAPL thickness _____ Feet
NAPL Recovered _____ Gallons

GROUNDWATER SAMPLING DATA

Time/date purged: 1055
Purge Method: Tap

Time	Purge Volume (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
			Sample	only		

Actual purge volume _____ gal.
Field measurements stabilized within ± 10%? _____

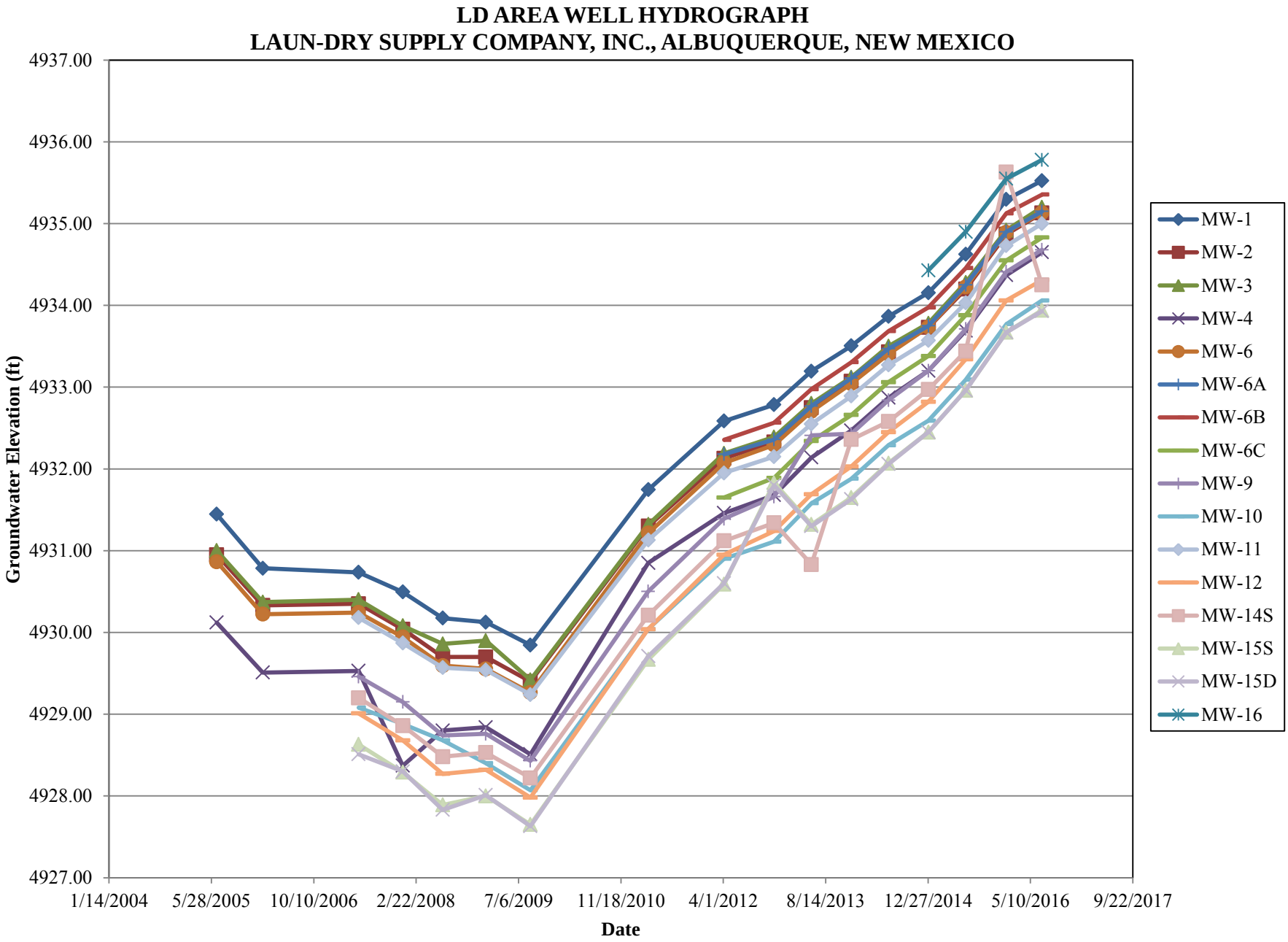
Time/date sampled: 1115
Purged/sampled by: [signature]

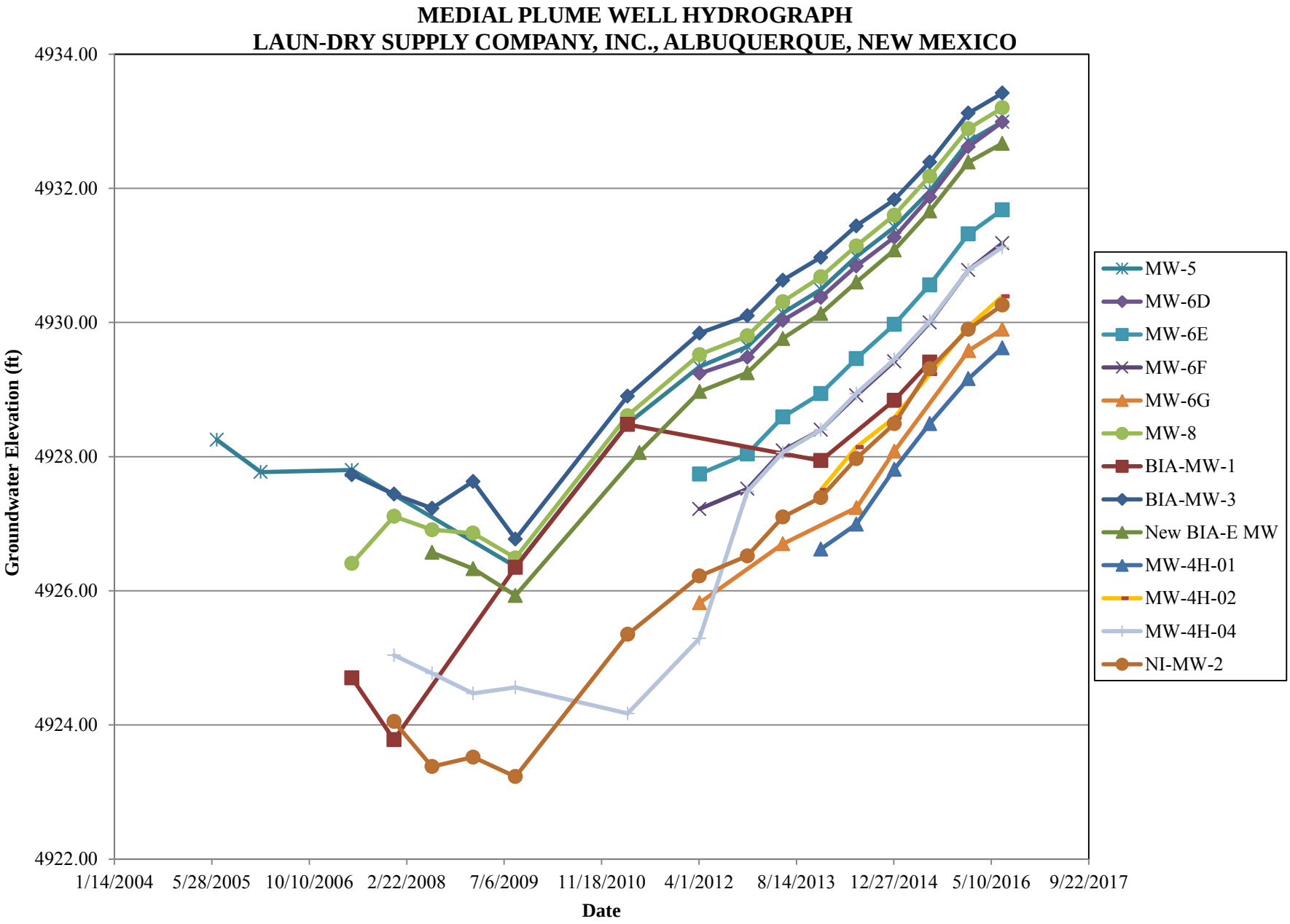
Sample method: Tap purge
Requested analyses: 8260B
Comments/observations: Patrick indicated taps had been used to water grass all previous night

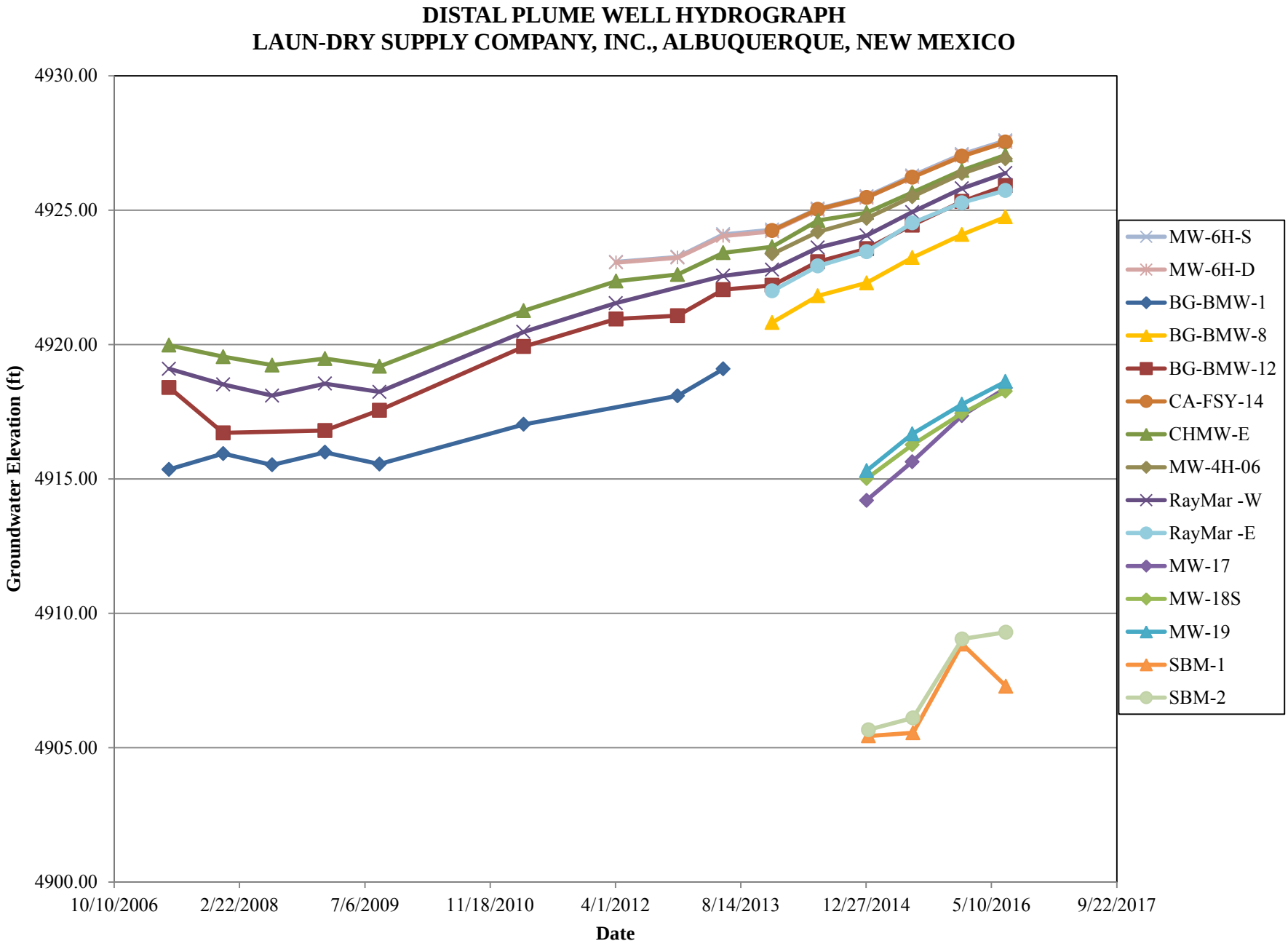
Well Casing Volumes
2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 6" diameter = 1.50 gal/ft

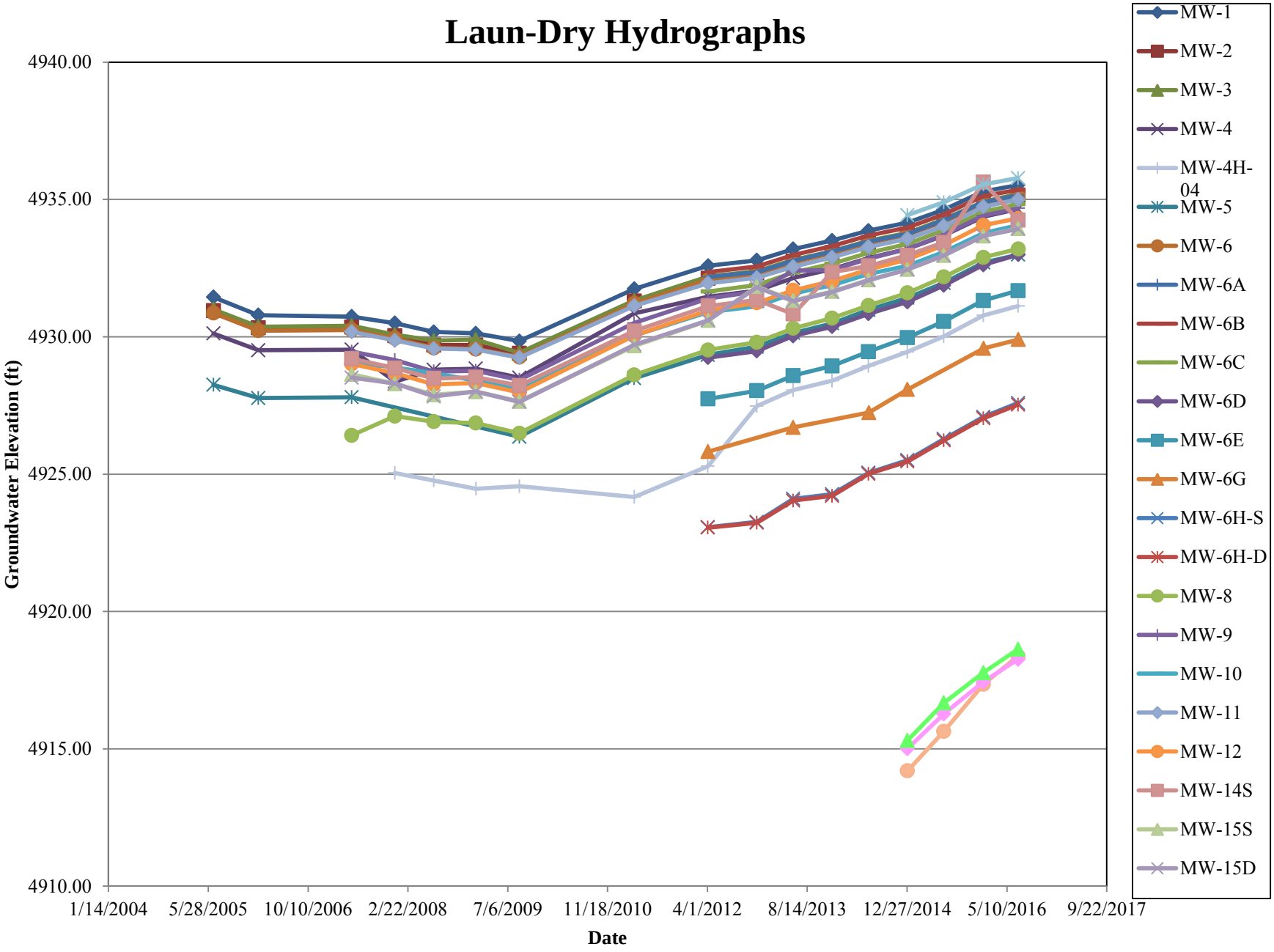
Patrick 816 8993

APPENDIX B
HYDROGRAPHS

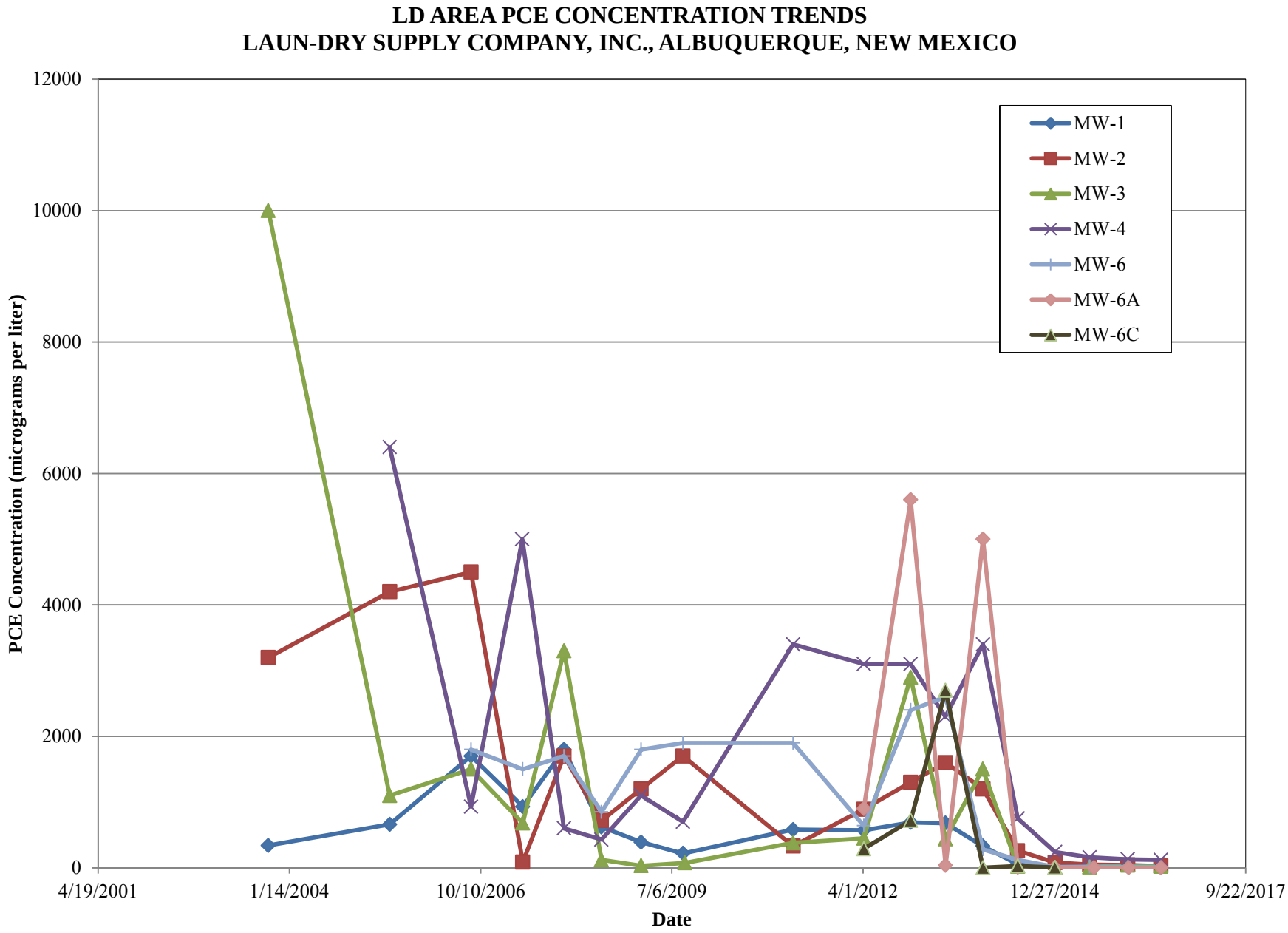

LD AREA WELL HYDROGRAPH
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO
Groundwater Elevation (ft)
4937.00
4936.00
4935.00
4934.00
4933.00
4932.00
4931.00
4930.00
4929.00
4928.00
4927.00
1/14/2004
5/28/2005
10/10/2006
2/22/2008
7/6/2009
11/18/2010
4/1/2012
8/14/2013
12/27/2014
5/10/2016
9/22/2017
Date
MW-1
MW-2
MW-3
MW-4
MW-6
MW-6A
MW-6B
MW-6C
MW-9
MW-10
MW-11
MW-12
MW-14S
MW-15S
MW-15D
MW-16

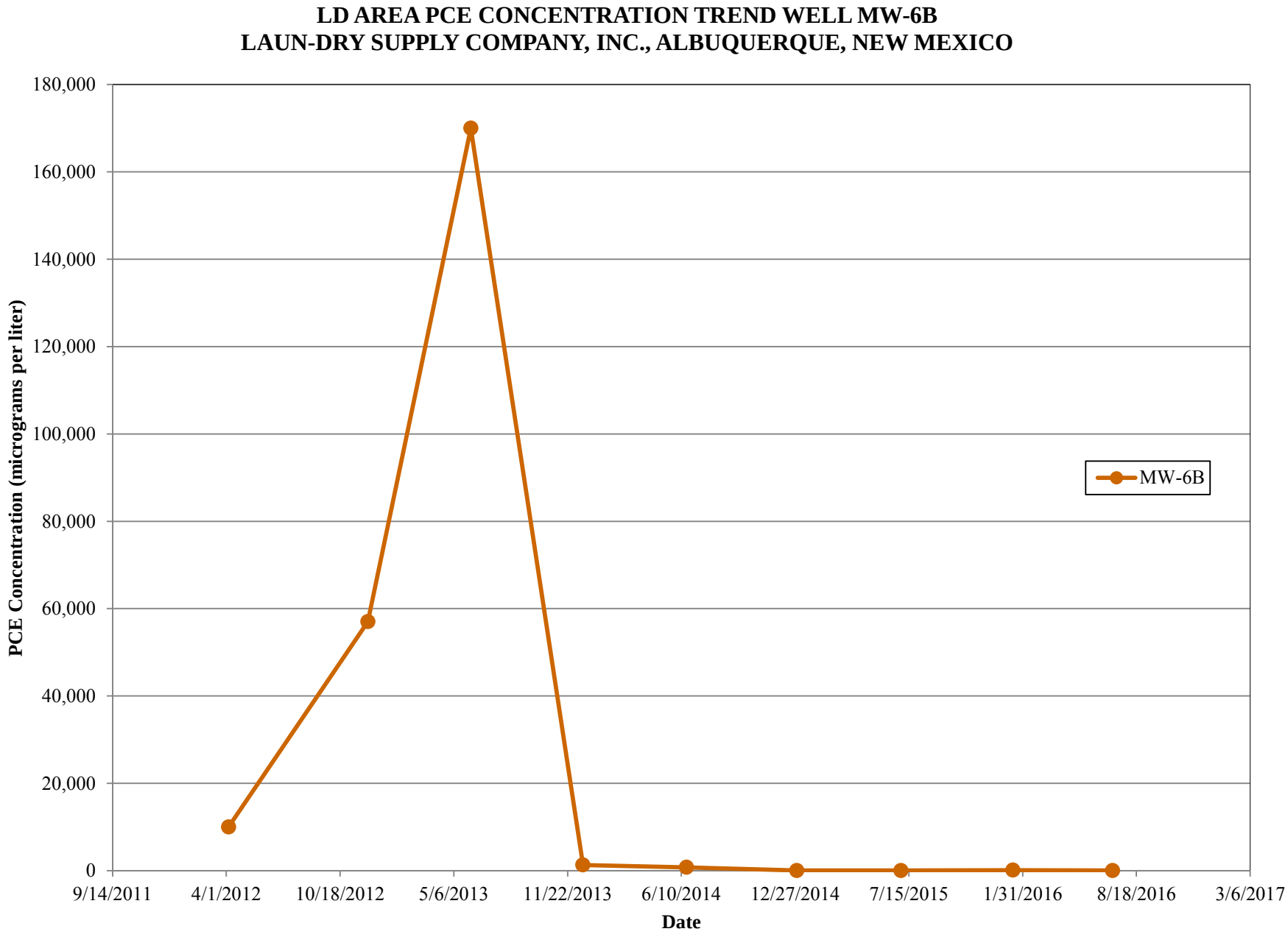

MEDIAL PLUME WELL HYDROGRAPH
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO
Groundwater Elevation (ft)
4934.00
4932.00
4930.00
4928.00
4926.00
4924.00
4922.00
1/14/2004
5/28/2005
10/10/2006
2/22/2008
7/6/2009
11/18/2010
4/1/2012
8/14/2013
12/27/2014
5/10/2016
9/22/2017
Date
MW-5
MW-6D
MW-6E
MW-6F
MW-6G
MW-8
BIA-MW-1
BIA-MW-3
New BIA-E MW
MW-4H-01
MW-4H-02
MW-4H-04
NI-MW-2

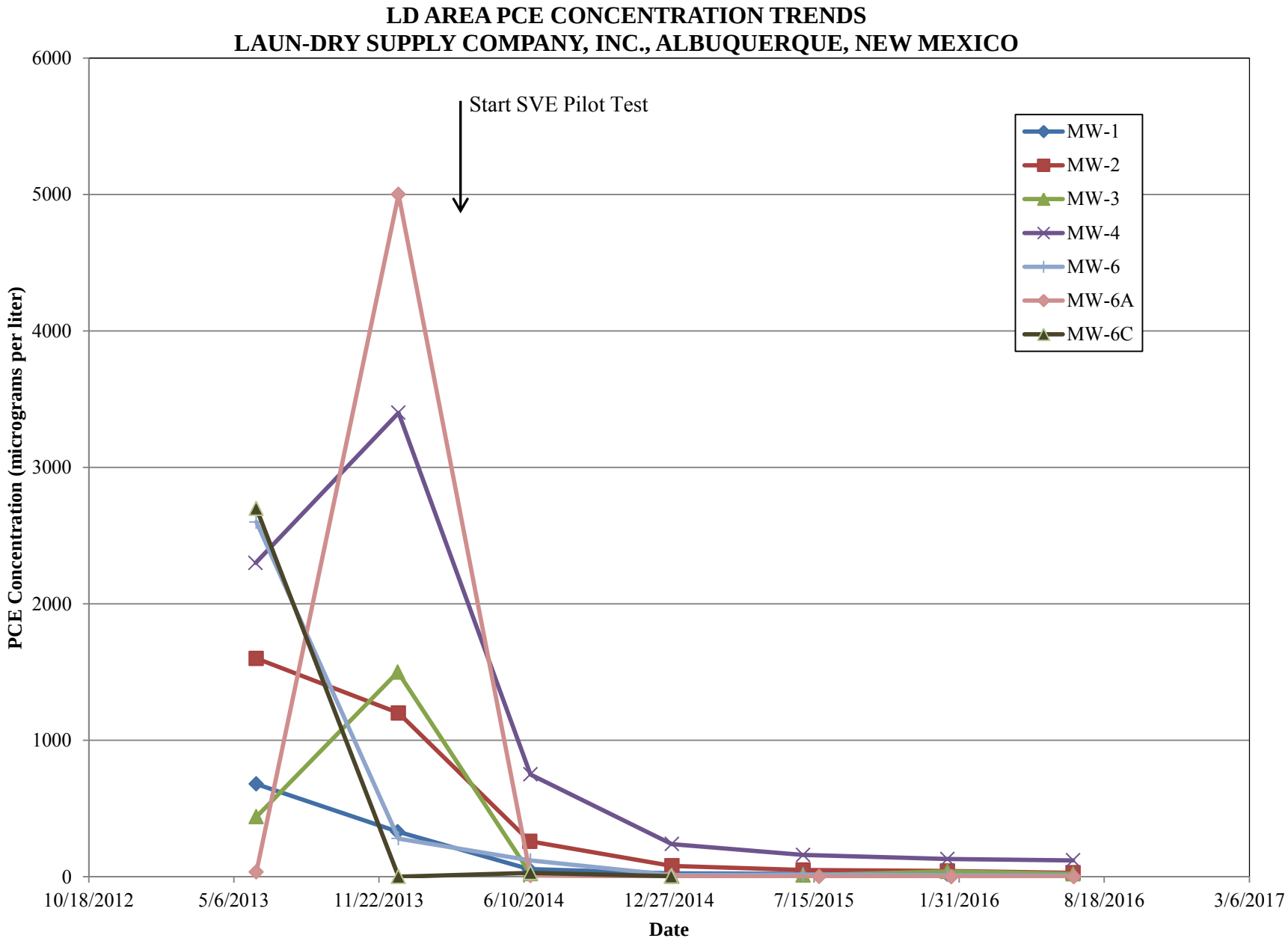

DISTAL PLUME WELL HYDROGRAPH
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO
Groundwater Elevation (ft)
4930.00
4925.00
4920.00
4915.00
4910.00
4905.00
4900.00
10/10/2006
2/22/2008
7/6/2009
11/18/2010
4/1/2012
8/14/2013
12/27/2014
5/10/2016
9/22/2017
Date
MW-6H-S
MW-6H-D
BG-BMW-1
BG-BMW-8
BG-BMW-12
CA-FSY-14
CHMW-E
MW-4H-06
RayMar -W
RayMar -E
MW-17
MW-18S
MW-19
SBM-1
SBM-2

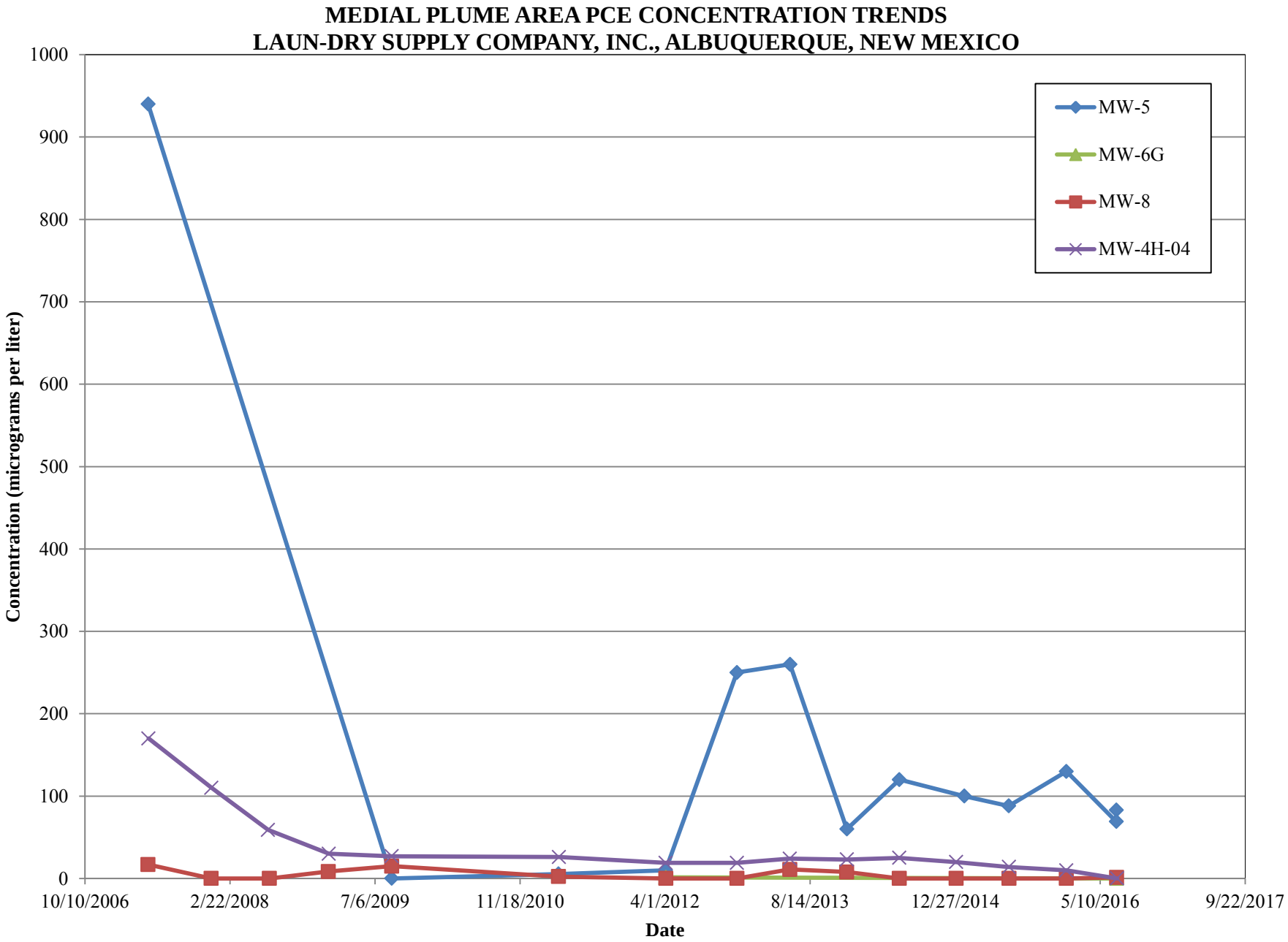

Laun-Dry Hydrographs
Groundwater Elevation (ft)
4940.00
4935.00
4930.00
4925.00
4920.00
4915.00
4910.00
1/14/2004
5/28/2005
10/10/2006
2/22/2008
7/6/2009
11/18/2010
4/1/2012
8/14/2013
12/27/2014
5/10/2016
9/22/2017
Date
MW-1
MW-2
MW-3
MW-4
MW-4H-04
MW-5
MW-6
MW-6A
MW-6B
MW-6C
MW-6D
MW-6E
MW-6G
MW-6H-S
MW-6H-D
MW-8
MW-9
MW-10
MW-11
MW-12
MW-14S
MW-15S
MW-15D

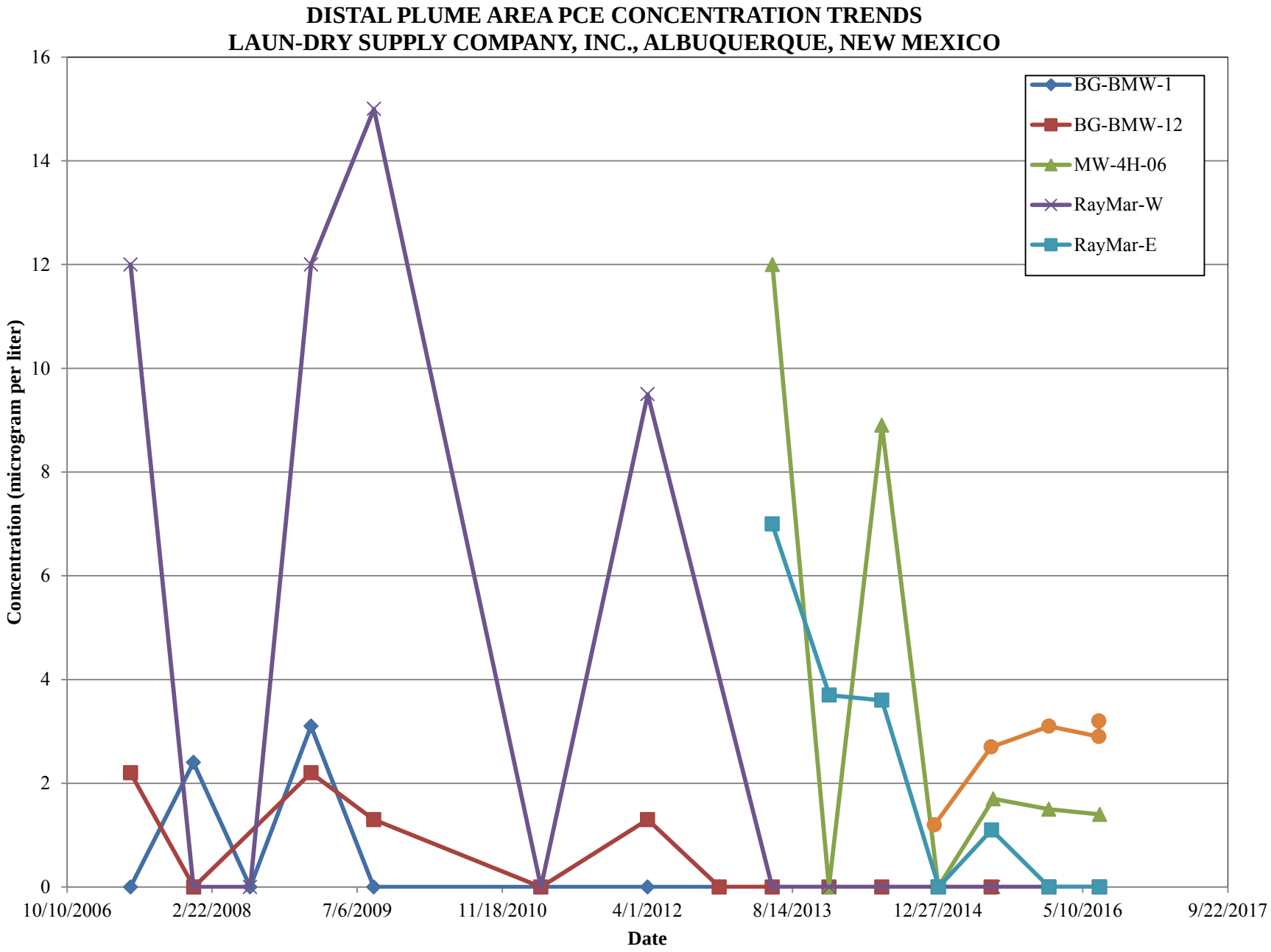
APPENDIX C
CONCENTRATION TRENDS

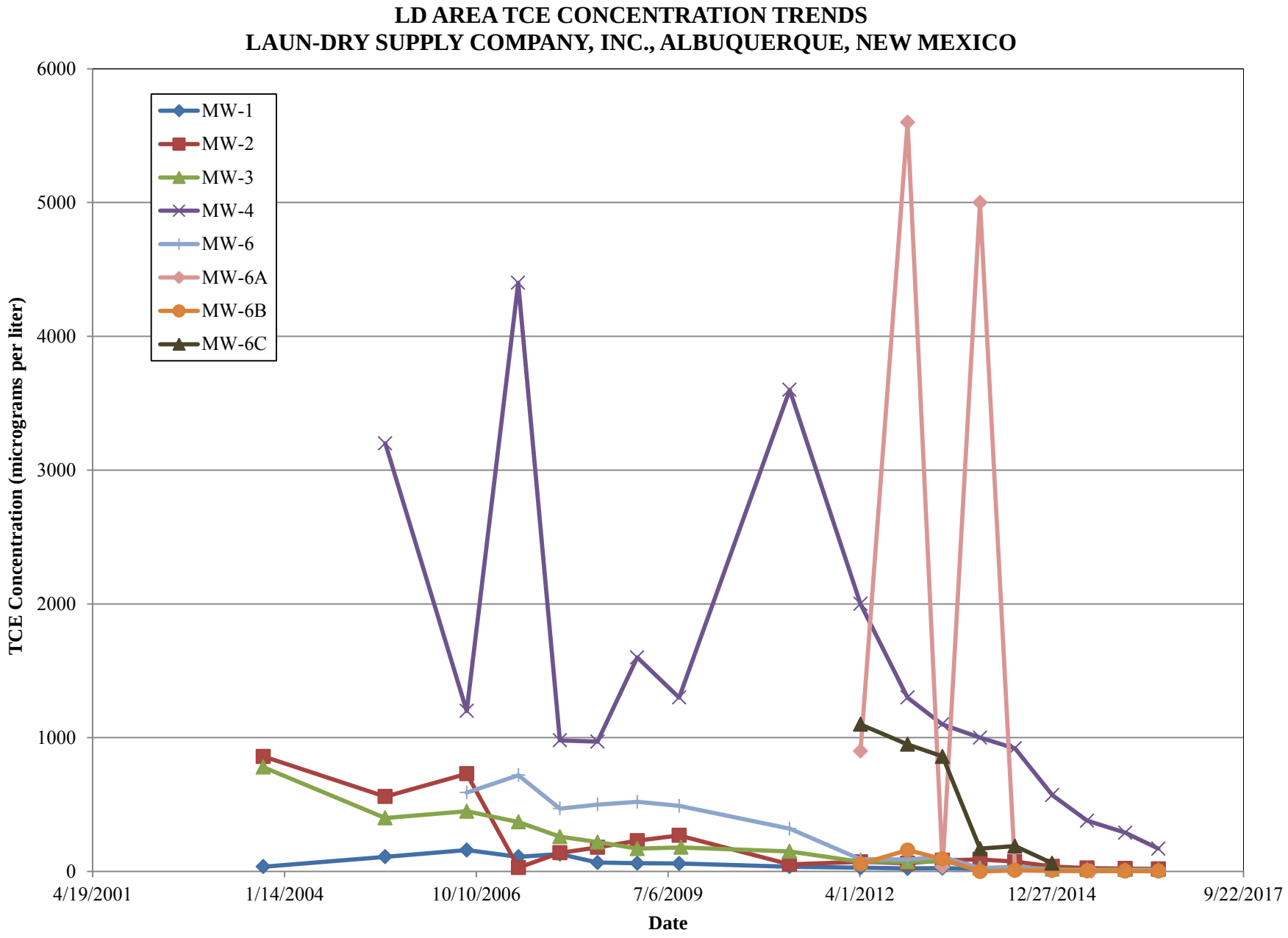

LD AREA PCE CONCENTRATION TRENDS
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO
PCE Concentration (micrograms per liter)
12000
10000
8000
6000
4000
2000
0
4/19/2001
1/14/2004
10/10/2006
7/6/2009
4/1/2012
12/27/2014
9/22/2017
Date
MW-1
MW-2
MW-3
MW-4
MW-6
MW-6A
MW-6C

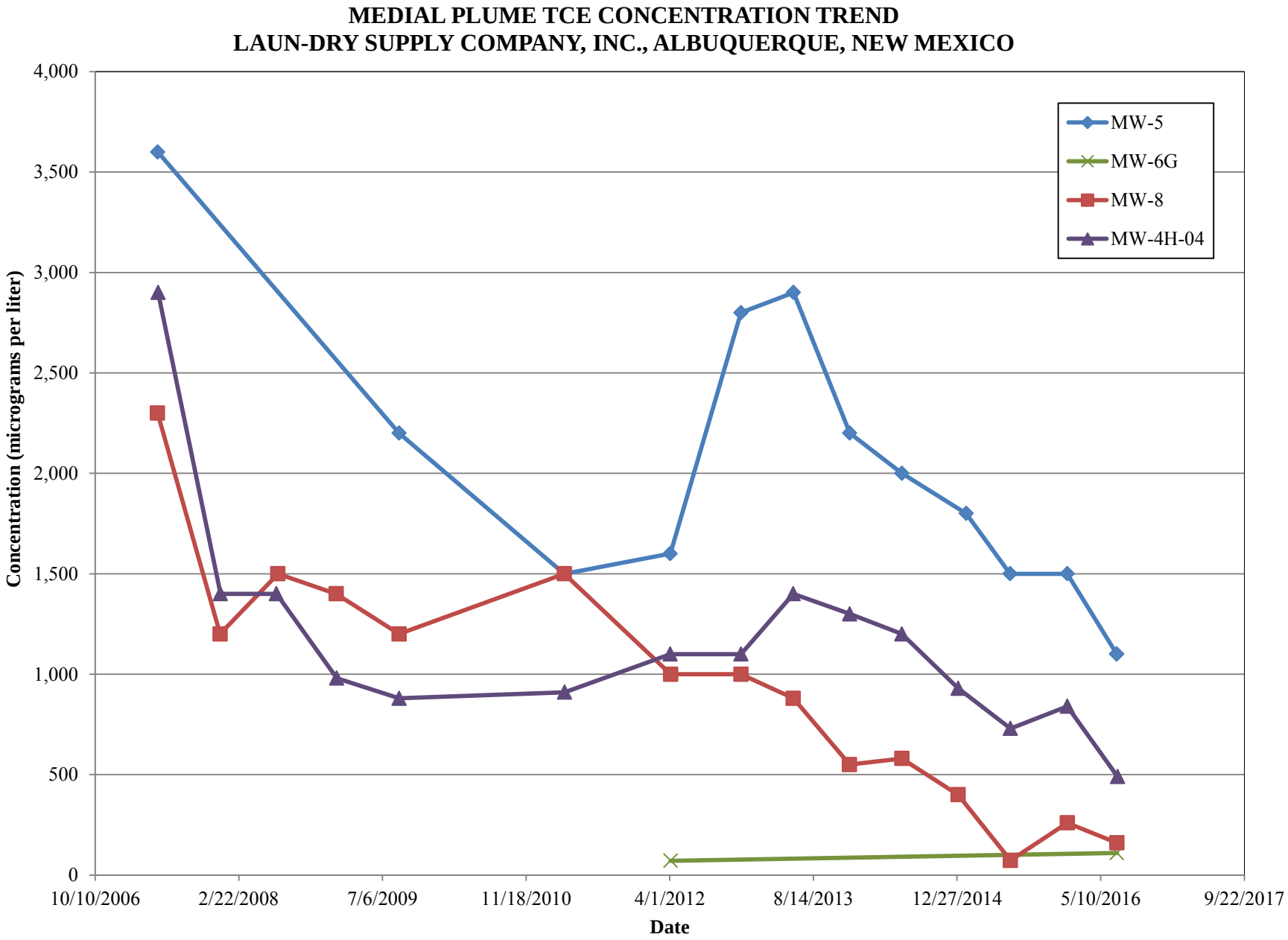

LD AREA PCE CONCENTRATION TREND WELL MW-6B
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO
PCE Concentration (micrograms per liter)
180,000
160,000
140,000
120,000
100,000
80,000
60,000
40,000
20,000
0
9/14/2011
4/1/2012
10/18/2012
5/6/2013
11/22/2013
6/10/2014
12/27/2014
7/15/2015
1/31/2016
8/18/2016
3/6/2017
Date
MW-6B

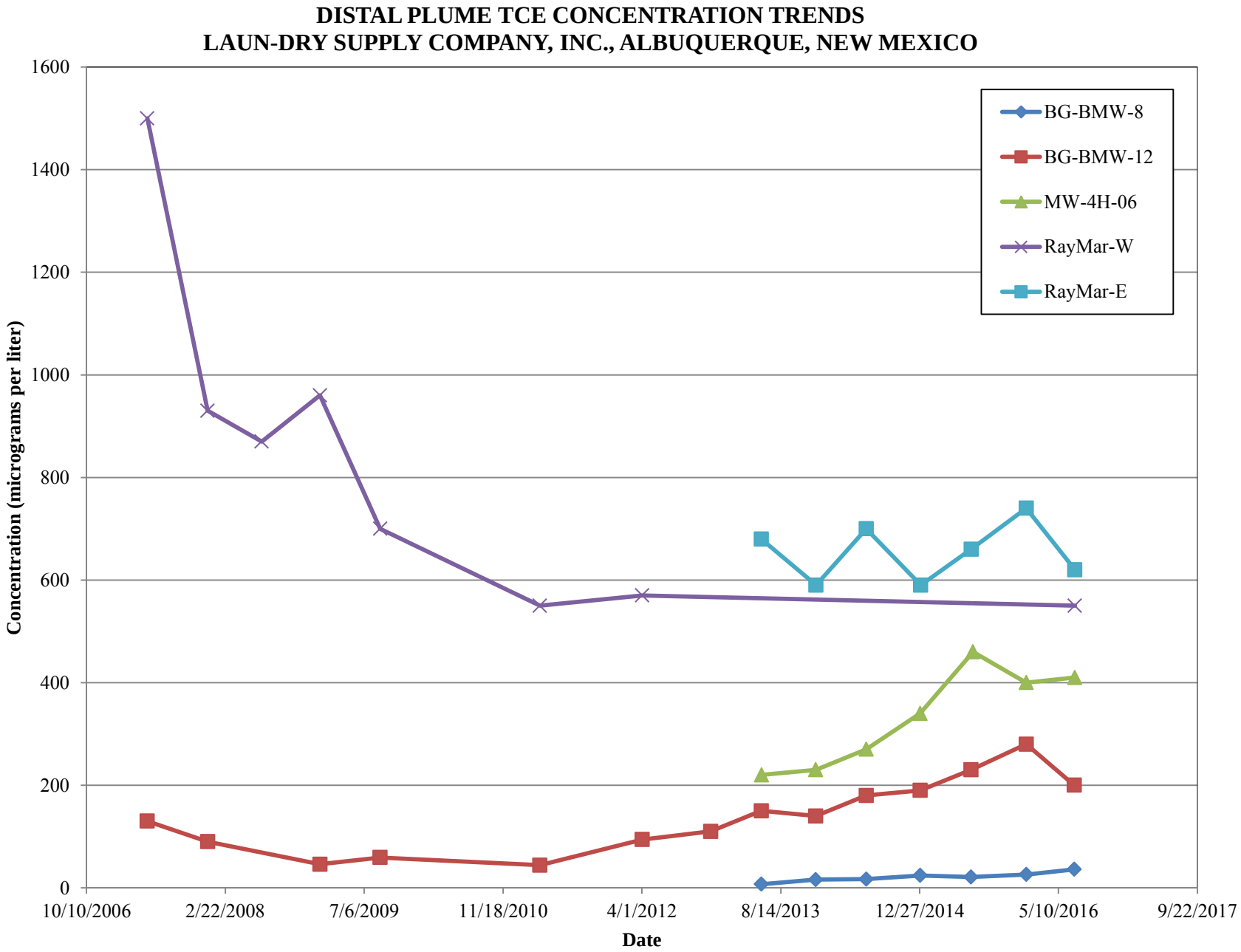

LD AREA PCE CONCENTRATION TRENDS
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO
Start SVE Pilot Test
MW-1
MW-2
MW-3
MW-4
MW-6
MW-6A
MW-6C
PCE Concentration (micrograms per liter)
6000
5000
4000
3000
2000
1000
0
10/18/2012
5/6/2013
11/22/2013
6/10/2014
12/27/2014
7/15/2015
1/31/2016
8/18/2016
3/6/2017
Date


MEDIAL PLUME AREA PCE CONCENTRATION TRENDS
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO
Concentration (micrograms per liter)
1000
900
800
700
600
500
400
300
200
100
0
10/10/2006
2/22/2008
7/6/2009
11/18/2010
4/1/2012
8/14/2013
12/27/2014
5/10/2016
9/22/2017
Date
MW-5
MW-6G
MW-8
MW-4H-04


DISTAL PLUME AREA PCE CONCENTRATION TRENDS
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO
Concentration (microgram per liter)
16
14
12
10
8
6
4
2
0
10/10/2006
2/22/2008
7/6/2009
11/18/2010
4/1/2012
8/14/2013
12/27/2014
5/10/2016
9/22/2017
Date
BG-BMW-1
BG-BMW-12
MW-4H-06
RayMar-W
RayMar-E


LD AREA TCE CONCENTRATION TRENDS
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO
MW-1
MW-2
MW-3
MW-4
MW-6
MW-6A
MW-6B
MW-6C
TCE Concentration (micrograms per liter)
6000
5000
4000
3000
2000
1000
0
4/19/2001
1/14/2004
10/10/2006
7/6/2009
4/1/2012
12/27/2014
9/22/2017
Date


MEDIAL PLUME TCE CONCENTRATION TREND
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO
Concentration (micrograms per liter)
4,000
3,500
3,000
2,500
2,000
1,500
1,000
500
0
10/10/2006
2/22/2008
7/6/2009
11/18/2010
4/1/2012
8/14/2013
12/27/2014
5/10/2016
9/22/2017
Date
MW-5
MW-6G
MW-8
MW-4H-04


DISTAL PLUME TCE CONCENTRATION TRENDS
LAUN-DRY SUPPLY COMPANY, INC., ALBUQUERQUE, NEW MEXICO
Concentration (micrograms per liter)
1600
1400
1200
1000
800
600
400
200
0
10/10/2006
2/22/2008
7/6/2009
11/18/2010
4/1/2012
8/14/2013
12/27/2014
5/10/2016
9/22/2017
Date
BG-BMW-8
BG-BMW-12
MW-4H-06
RayMar-W
RayMar-E

APPENDIX D
ANALYTICAL LABORATORY REPORTS

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

March 11, 2016

Teri McMillan

EA Engineering
320 Gold Ave SW Suite 1210
Albuquerque, NM 87102
TEL: (505) 224-9013
FAX

RE: Laun-Dry Supply Co. OrderNo.: 1603291

Dear Teri McMillan:

Hall Environmental Analysis Laboratory received 1 sample(s) on 3/4/2016 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **1603291**
Date Reported: **3/11/2016**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Laun-Dry Supply Co.
Lab ID: 1603291-001 **Matrix:** AIR

Client Sample ID: SVE-Influent
Collection Date: 3/4/2016 1:10:00 PM
Received Date: 3/4/2016 2:16:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**	
cis-1,2-DCE	ND	0.50		µg/L	5	3/9/2016 11:42:31 AM	A32688
Tetrachloroethene (PCE)	11	0.50		µg/L	5	3/9/2016 11:42:31 AM	A32688
trans-1,2-DCE	ND	0.50		µg/L	5	3/9/2016 11:42:31 AM	A32688
Trichloroethene (TCE)	0.65	0.50		µg/L	5	3/9/2016 11:42:31 AM	A32688
Vinyl chloride	ND	0.50		µg/L	5	3/9/2016 11:42:31 AM	A32688
Surr: Dibromofluoromethane	93.4	70-130		%Rec	5	3/9/2016 11:42:31 AM	A32688
Surr: 1,2-Dichloroethane-d4	92.9	70-130		%Rec	5	3/9/2016 11:42:31 AM	A32688
Surr: Toluene-d8	98.2	70-130		%Rec	5	3/9/2016 11:42:31 AM	A32688
Surr: 4-Bromofluorobenzene	112	70-130		%Rec	5	3/9/2016 11:42:31 AM	A32688

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **1603291**
11-Mar-16

Client: EA Engineering
Project: Laun-Dry Supply Co.

Sample ID **1603291-001a dup** SampType: **DUP** TestCode: **EPA Method 8260B: Volatiles**
Client ID: **SVE-Influent** Batch ID: **A32688** RunNo: **32688**
Prep Date: Analysis Date: **3/9/2016** SeqNo: **1000408** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
cis-1,2-DCE	ND	0.50						0	20	
Tetrachloroethene (PCE)	11	0.50						0.390	20	
trans-1,2-DCE	ND	0.50						0	20	
Trichloroethene (TCE)	0.63	0.50						3.85	20	
Vinyl chloride	ND	0.50						0	20	
Surr: Dibromofluoromethane	4.6		5.000		92.4	70	130	0	0	
Surr: 1,2-Dichloroethane-d4	4.7		5.000		94.1	70	130	0	0	
Surr: Toluene-d8	4.9		5.000		97.7	70	130	0	0	
Surr: 4-Bromofluorobenzene	5.4		5.000		108	70	130	0	0	

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: EA Engineering Alb Work Order Number: 1603291 RcptNo: 1

Received by/date: JA 03/04/16

Logged By: **Ashley Gallegos** 3/4/2016 2:16:00 PM

Completed By: **Ashley Gallegos** 3/7/2016 10:44:53 AM

Reviewed By: IO 03/07/16

Chain of Custody

1. Custody seals intact on sample bottles? Yes ☐ No ☐ Not Present ☑
2. Is Chain of Custody complete? Yes ☑ No ☐ Not Present ☐
3. How was the sample delivered? Client

Log In

4. Was an attempt made to cool the samples? Yes ☑ No ☐ NA ☐
5. Were all samples received at a temperature of >0° C to 6.0°C Yes ☑ No ☐ NA ☐
6. Sample(s) in proper container(s)? Yes ☑ No ☐
7. Sufficient sample volume for indicated test(s)? Yes ☑ No ☐
8. Are samples (except VOA and ONG) properly preserved? Yes ☑ No ☐
9. Was preservative added to bottles? Yes ☐ No ☑ NA ☐
10. VOA vials have zero headspace? Yes ☐ No ☐ No VOA Vials ☑
11. Were any sample containers received broken? Yes ☐ No ☑
12. Does paperwork match bottle labels? Yes ☑ No ☐
    (Note discrepancies on chain of custody)
13. Are matrices correctly identified on Chain of Custody? Yes ☑ No ☐
14. Is it clear what analyses were requested? Yes ☑ No ☐
15. Were all holding times able to be met? Yes ☑ No ☐
    (If no, notify customer for authorization.)

# of preserved bottles checked for pH: _____ (<2 or >12 unless noted)
Adjusted? _____
Checked by: _____

Special Handling (if applicable)

16. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified: _____ Date _____
By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding: _____
Client Instructions: _____

17. Additional remarks:

18. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	NA	Good	Not Present			

Chain-of-Custody Record

ent: EA Engineering

iling Address: 320 Gold Ave SW #1300
ABQ, NM

one #: 505-224-9013

ail or Fax#: tmcmillan@eaestion

VQC Package:
Standard ☐ Level 4 (Full Validation)

creditation
NELAP ☐ Other _____

EDD (Type) _____

Turn-Around Time:
☒ Standard ☐ Rush _____

Project Name: Laun-Dry Supply Co.

Project #: 12335

Project Manager: Teri McMillan

Sampler: Owen

On Ice: ☐ Yes ☒ No

Sample Temperature:

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 1603091	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / DRO / MRO)	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA) PCE, TCE, cis DCE, trans DCE	8270 (Semi-VOA) VC					Air Bubbles (Y or N)
-16	1310	Air	SVE-Influent	Tedlar	none	-001										X						

Date:	Time:	Relinquished by:	Received by:	Date	Time
-16	1416	[signature]	[signature]	03/04/16	1416
Date:	Time:	Relinquished by:	Received by:	Date	Time

Remarks: Modified 8260B: PCE, TCE, cis-DCE, trans-DCE, Vinyl Chloride.

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

July 20, 2016

Teri McMillan

EA Engineering
320 Gold Ave SW Suite 1210
Albuquerque, NM 87102
TEL: (505) 224-9013
FAX

RE: Laun-Dry OrderNo.: 1607285

Dear Teri McMillan:

Hall Environmental Analysis Laboratory received 20 sample(s) on 7/6/2016 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Laun-Dry
Lab ID: 1607285-001 **Matrix:** AQUEOUS

Client Sample ID: MW-18(S)
Collection Date: 7/5/2016 8:35:00 AM
Received Date: 7/6/2016 4:39:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
Benzene	ND	1.0		µg/L	1	7/11/2016 5:44:00 PM	R35570
Toluene	ND	1.0		µg/L	1	7/11/2016 5:44:00 PM	R35570
Ethylbenzene	ND	1.0		µg/L	1	7/11/2016 5:44:00 PM	R35570
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	7/11/2016 5:44:00 PM	R35570
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	7/11/2016 5:44:00 PM	R35570
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	7/11/2016 5:44:00 PM	R35570
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	7/11/2016 5:44:00 PM	R35570
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	7/11/2016 5:44:00 PM	R35570
Naphthalene	ND	2.0		µg/L	1	7/11/2016 5:44:00 PM	R35570
1-Methylnaphthalene	ND	4.0		µg/L	1	7/11/2016 5:44:00 PM	R35570
2-Methylnaphthalene	ND	4.0		µg/L	1	7/11/2016 5:44:00 PM	R35570
Acetone	ND	10		µg/L	1	7/11/2016 5:44:00 PM	R35570
Bromobenzene	ND	1.0		µg/L	1	7/11/2016 5:44:00 PM	R35570
Bromodichloromethane	ND	1.0		µg/L	1	7/11/2016 5:44:00 PM	R35570
Bromoform	ND	1.0		µg/L	1	7/11/2016 5:44:00 PM	R35570
Bromomethane	ND	3.0		µg/L	1	7/11/2016 5:44:00 PM	R35570
2-Butanone	ND	10		µg/L	1	7/11/2016 5:44:00 PM	R35570
Carbon disulfide	ND	10		µg/L	1	7/11/2016 5:44:00 PM	R35570
Carbon Tetrachloride	ND	1.0		µg/L	1	7/11/2016 5:44:00 PM	R35570
Chlorobenzene	ND	1.0		µg/L	1	7/11/2016 5:44:00 PM	R35570
Chloroethane	ND	2.0		µg/L	1	7/11/2016 5:44:00 PM	R35570
Chloroform	ND	1.0		µg/L	1	7/11/2016 5:44:00 PM	R35570
Chloromethane	ND	3.0		µg/L	1	7/11/2016 5:44:00 PM	R35570
2-Chlorotoluene	ND	1.0		µg/L	1	7/11/2016 5:44:00 PM	R35570
4-Chlorotoluene	ND	1.0		µg/L	1	7/11/2016 5:44:00 PM	R35570
cis-1,2-DCE	16	1.0		µg/L	1	7/11/2016 5:44:00 PM	R35570
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	7/11/2016 5:44:00 PM	R35570
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	7/11/2016 5:44:00 PM	R35570
Dibromochloromethane	ND	1.0		µg/L	1	7/11/2016 5:44:00 PM	R35570
Dibromomethane	ND	1.0		µg/L	1	7/11/2016 5:44:00 PM	R35570
1,2-Dichlorobenzene	ND	1.0		µg/L	1	7/11/2016 5:44:00 PM	R35570
1,3-Dichlorobenzene	ND	1.0		µg/L	1	7/11/2016 5:44:00 PM	R35570
1,4-Dichlorobenzene	ND	1.0		µg/L	1	7/11/2016 5:44:00 PM	R35570
Dichlorodifluoromethane	ND	1.0		µg/L	1	7/11/2016 5:44:00 PM	R35570
1,1-Dichloroethane	ND	1.0		µg/L	1	7/11/2016 5:44:00 PM	R35570
1,1-Dichloroethene	ND	1.0		µg/L	1	7/11/2016 5:44:00 PM	R35570
1,2-Dichloropropane	ND	1.0		µg/L	1	7/11/2016 5:44:00 PM	R35570
1,3-Dichloropropane	ND	1.0		µg/L	1	7/11/2016 5:44:00 PM	R35570
2,2-Dichloropropane	ND	2.0		µg/L	1	7/11/2016 5:44:00 PM	R35570

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Laun-Dry
Lab ID: 1607285-001 **Matrix:** AQUEOUS

Client Sample ID: MW-18(S)
Collection Date: 7/5/2016 8:35:00 AM
Received Date: 7/6/2016 4:39:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
1,1-Dichloropropene	ND	1.0		µg/L	1	7/11/2016 5:44:00 PM	R35570
Hexachlorobutadiene	ND	1.0		µg/L	1	7/11/2016 5:44:00 PM	R35570
2-Hexanone	ND	10		µg/L	1	7/11/2016 5:44:00 PM	R35570
Isopropylbenzene	ND	1.0		µg/L	1	7/11/2016 5:44:00 PM	R35570
4-Isopropyltoluene	ND	1.0		µg/L	1	7/11/2016 5:44:00 PM	R35570
4-Methyl-2-pentanone	ND	10		µg/L	1	7/11/2016 5:44:00 PM	R35570
Methylene Chloride	ND	3.0		µg/L	1	7/11/2016 5:44:00 PM	R35570
n-Butylbenzene	ND	3.0		µg/L	1	7/11/2016 5:44:00 PM	R35570
n-Propylbenzene	ND	1.0		µg/L	1	7/11/2016 5:44:00 PM	R35570
sec-Butylbenzene	ND	1.0		µg/L	1	7/11/2016 5:44:00 PM	R35570
Styrene	ND	1.0		µg/L	1	7/11/2016 5:44:00 PM	R35570
tert-Butylbenzene	ND	1.0		µg/L	1	7/11/2016 5:44:00 PM	R35570
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	7/11/2016 5:44:00 PM	R35570
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	7/11/2016 5:44:00 PM	R35570
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	7/11/2016 5:44:00 PM	R35570
trans-1,2-DCE	18	1.0		µg/L	1	7/11/2016 5:44:00 PM	R35570
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	7/11/2016 5:44:00 PM	R35570
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	7/11/2016 5:44:00 PM	R35570
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	7/11/2016 5:44:00 PM	R35570
1,1,1-Trichloroethane	ND	1.0		µg/L	1	7/11/2016 5:44:00 PM	R35570
1,1,2-Trichloroethane	ND	1.0		µg/L	1	7/11/2016 5:44:00 PM	R35570
Trichloroethene (TCE)	36	1.0		µg/L	1	7/11/2016 5:44:00 PM	R35570
Trichlorofluoromethane	ND	1.0		µg/L	1	7/11/2016 5:44:00 PM	R35570
1,2,3-Trichloropropane	ND	2.0		µg/L	1	7/11/2016 5:44:00 PM	R35570
Vinyl chloride	ND	1.0		µg/L	1	7/11/2016 5:44:00 PM	R35570
Xylenes, Total	ND	1.5		µg/L	1	7/11/2016 5:44:00 PM	R35570
Surr: 1,2-Dichloroethane-d4	79.1	70-130		%Rec	1	7/11/2016 5:44:00 PM	R35570
Surr: 4-Bromofluorobenzene	93.1	70-130		%Rec	1	7/11/2016 5:44:00 PM	R35570
Surr: Dibromofluoromethane	88.0	70-130		%Rec	1	7/11/2016 5:44:00 PM	R35570
Surr: Toluene-d8	101	70-130		%Rec	1	7/11/2016 5:44:00 PM	R35570

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: MW-19
Project: Laun-Dry
Collection Date: 7/5/2016 9:10:00 AM
Lab ID: 1607285-002
Matrix: AQUEOUS
Received Date: 7/6/2016 4:39:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
Benzene	ND	1.0		µg/L	1	7/11/2016 6:55:00 PM	R35570
Toluene	ND	1.0		µg/L	1	7/11/2016 6:55:00 PM	R35570
Ethylbenzene	ND	1.0		µg/L	1	7/11/2016 6:55:00 PM	R35570
Methyl tert-butyl ether (MTBE)	3.2	1.0		µg/L	1	7/11/2016 6:55:00 PM	R35570
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	7/11/2016 6:55:00 PM	R35570
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	7/11/2016 6:55:00 PM	R35570
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	7/11/2016 6:55:00 PM	R35570
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	7/11/2016 6:55:00 PM	R35570
Naphthalene	ND	2.0		µg/L	1	7/11/2016 6:55:00 PM	R35570
1-Methylnaphthalene	ND	4.0		µg/L	1	7/11/2016 6:55:00 PM	R35570
2-Methylnaphthalene	ND	4.0		µg/L	1	7/11/2016 6:55:00 PM	R35570
Acetone	ND	10		µg/L	1	7/11/2016 6:55:00 PM	R35570
Bromobenzene	ND	1.0		µg/L	1	7/11/2016 6:55:00 PM	R35570
Bromodichloromethane	ND	1.0		µg/L	1	7/11/2016 6:55:00 PM	R35570
Bromoform	ND	1.0		µg/L	1	7/11/2016 6:55:00 PM	R35570
Bromomethane	ND	3.0		µg/L	1	7/11/2016 6:55:00 PM	R35570
2-Butanone	ND	10		µg/L	1	7/11/2016 6:55:00 PM	R35570
Carbon disulfide	ND	10		µg/L	1	7/11/2016 6:55:00 PM	R35570
Carbon Tetrachloride	ND	1.0		µg/L	1	7/11/2016 6:55:00 PM	R35570
Chlorobenzene	ND	1.0		µg/L	1	7/11/2016 6:55:00 PM	R35570
Chloroethane	ND	2.0		µg/L	1	7/11/2016 6:55:00 PM	R35570
Chloroform	ND	1.0		µg/L	1	7/11/2016 6:55:00 PM	R35570
Chloromethane	ND	3.0		µg/L	1	7/11/2016 6:55:00 PM	R35570
2-Chlorotoluene	ND	1.0		µg/L	1	7/11/2016 6:55:00 PM	R35570
4-Chlorotoluene	ND	1.0		µg/L	1	7/11/2016 6:55:00 PM	R35570
cis-1,2-DCE	ND	1.0		µg/L	1	7/11/2016 6:55:00 PM	R35570
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	7/11/2016 6:55:00 PM	R35570
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	7/11/2016 6:55:00 PM	R35570
Dibromochloromethane	ND	1.0		µg/L	1	7/11/2016 6:55:00 PM	R35570
Dibromomethane	ND	1.0		µg/L	1	7/11/2016 6:55:00 PM	R35570
1,2-Dichlorobenzene	ND	1.0		µg/L	1	7/11/2016 6:55:00 PM	R35570
1,3-Dichlorobenzene	ND	1.0		µg/L	1	7/11/2016 6:55:00 PM	R35570
1,4-Dichlorobenzene	ND	1.0		µg/L	1	7/11/2016 6:55:00 PM	R35570
Dichlorodifluoromethane	ND	1.0		µg/L	1	7/11/2016 6:55:00 PM	R35570
1,1-Dichloroethane	ND	1.0		µg/L	1	7/11/2016 6:55:00 PM	R35570
1,1-Dichloroethene	ND	1.0		µg/L	1	7/11/2016 6:55:00 PM	R35570
1,2-Dichloropropane	ND	1.0		µg/L	1	7/11/2016 6:55:00 PM	R35570
1,3-Dichloropropane	ND	1.0		µg/L	1	7/11/2016 6:55:00 PM	R35570
2,2-Dichloropropane	ND	2.0		µg/L	1	7/11/2016 6:55:00 PM	R35570

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Laun-Dry
Lab ID: 1607285-002 **Matrix:** AQUEOUS

Client Sample ID: MW-19
Collection Date: 7/5/2016 9:10:00 AM
Received Date: 7/6/2016 4:39:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
1,1-Dichloropropene	ND	1.0		µg/L	1	7/11/2016 6:55:00 PM	R35570
Hexachlorobutadiene	ND	1.0		µg/L	1	7/11/2016 6:55:00 PM	R35570
2-Hexanone	ND	10		µg/L	1	7/11/2016 6:55:00 PM	R35570
Isopropylbenzene	ND	1.0		µg/L	1	7/11/2016 6:55:00 PM	R35570
4-Isopropyltoluene	ND	1.0		µg/L	1	7/11/2016 6:55:00 PM	R35570
4-Methyl-2-pentanone	ND	10		µg/L	1	7/11/2016 6:55:00 PM	R35570
Methylene Chloride	ND	3.0		µg/L	1	7/11/2016 6:55:00 PM	R35570
n-Butylbenzene	ND	3.0		µg/L	1	7/11/2016 6:55:00 PM	R35570
n-Propylbenzene	ND	1.0		µg/L	1	7/11/2016 6:55:00 PM	R35570
sec-Butylbenzene	ND	1.0		µg/L	1	7/11/2016 6:55:00 PM	R35570
Styrene	ND	1.0		µg/L	1	7/11/2016 6:55:00 PM	R35570
tert-Butylbenzene	ND	1.0		µg/L	1	7/11/2016 6:55:00 PM	R35570
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	7/11/2016 6:55:00 PM	R35570
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	7/11/2016 6:55:00 PM	R35570
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	7/11/2016 6:55:00 PM	R35570
trans-1,2-DCE	ND	1.0		µg/L	1	7/11/2016 6:55:00 PM	R35570
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	7/11/2016 6:55:00 PM	R35570
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	7/11/2016 6:55:00 PM	R35570
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	7/11/2016 6:55:00 PM	R35570
1,1,1-Trichloroethane	ND	1.0		µg/L	1	7/11/2016 6:55:00 PM	R35570
1,1,2-Trichloroethane	ND	1.0		µg/L	1	7/11/2016 6:55:00 PM	R35570
Trichloroethene (TCE)	ND	1.0		µg/L	1	7/11/2016 6:55:00 PM	R35570
Trichlorofluoromethane	ND	1.0		µg/L	1	7/11/2016 6:55:00 PM	R35570
1,2,3-Trichloropropane	ND	2.0		µg/L	1	7/11/2016 6:55:00 PM	R35570
Vinyl chloride	ND	1.0		µg/L	1	7/11/2016 6:55:00 PM	R35570
Xylenes, Total	ND	1.5		µg/L	1	7/11/2016 6:55:00 PM	R35570
Surr: 1,2-Dichloroethane-d4	80.6	70-130		%Rec	1	7/11/2016 6:55:00 PM	R35570
Surr: 4-Bromofluorobenzene	92.2	70-130		%Rec	1	7/11/2016 6:55:00 PM	R35570
Surr: Dibromofluoromethane	89.2	70-130		%Rec	1	7/11/2016 6:55:00 PM	R35570
Surr: Toluene-d8	99.5	70-130		%Rec	1	7/11/2016 6:55:00 PM	R35570

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Laun-Dry
Lab ID: 1607285-003 **Matrix:** AQUEOUS

Client Sample ID: MW-4H-02
Collection Date: 7/5/2016 10:10:00 AM
Received Date: 7/6/2016 4:39:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
Benzene	ND	1.0		µg/L	1	7/11/2016 7:19:00 PM	R35570
Toluene	ND	1.0		µg/L	1	7/11/2016 7:19:00 PM	R35570
Ethylbenzene	ND	1.0		µg/L	1	7/11/2016 7:19:00 PM	R35570
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	7/11/2016 7:19:00 PM	R35570
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	7/11/2016 7:19:00 PM	R35570
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	7/11/2016 7:19:00 PM	R35570
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	7/11/2016 7:19:00 PM	R35570
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	7/11/2016 7:19:00 PM	R35570
Naphthalene	ND	2.0		µg/L	1	7/11/2016 7:19:00 PM	R35570
1-Methylnaphthalene	ND	4.0		µg/L	1	7/11/2016 7:19:00 PM	R35570
2-Methylnaphthalene	ND	4.0		µg/L	1	7/11/2016 7:19:00 PM	R35570
Acetone	ND	10		µg/L	1	7/11/2016 7:19:00 PM	R35570
Bromobenzene	ND	1.0		µg/L	1	7/11/2016 7:19:00 PM	R35570
Bromodichloromethane	ND	1.0		µg/L	1	7/11/2016 7:19:00 PM	R35570
Bromoform	ND	1.0		µg/L	1	7/11/2016 7:19:00 PM	R35570
Bromomethane	ND	3.0		µg/L	1	7/11/2016 7:19:00 PM	R35570
2-Butanone	ND	10		µg/L	1	7/11/2016 7:19:00 PM	R35570
Carbon disulfide	ND	10		µg/L	1	7/11/2016 7:19:00 PM	R35570
Carbon Tetrachloride	ND	1.0		µg/L	1	7/11/2016 7:19:00 PM	R35570
Chlorobenzene	ND	1.0		µg/L	1	7/11/2016 7:19:00 PM	R35570
Chloroethane	ND	2.0		µg/L	1	7/11/2016 7:19:00 PM	R35570
Chloroform	ND	1.0		µg/L	1	7/11/2016 7:19:00 PM	R35570
Chloromethane	ND	3.0		µg/L	1	7/11/2016 7:19:00 PM	R35570
2-Chlorotoluene	ND	1.0		µg/L	1	7/11/2016 7:19:00 PM	R35570
4-Chlorotoluene	ND	1.0		µg/L	1	7/11/2016 7:19:00 PM	R35570
cis-1,2-DCE	ND	1.0		µg/L	1	7/11/2016 7:19:00 PM	R35570
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	7/11/2016 7:19:00 PM	R35570
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	7/11/2016 7:19:00 PM	R35570
Dibromochloromethane	ND	1.0		µg/L	1	7/11/2016 7:19:00 PM	R35570
Dibromomethane	ND	1.0		µg/L	1	7/11/2016 7:19:00 PM	R35570
1,2-Dichlorobenzene	ND	1.0		µg/L	1	7/11/2016 7:19:00 PM	R35570
1,3-Dichlorobenzene	ND	1.0		µg/L	1	7/11/2016 7:19:00 PM	R35570
1,4-Dichlorobenzene	ND	1.0		µg/L	1	7/11/2016 7:19:00 PM	R35570
Dichlorodifluoromethane	ND	1.0		µg/L	1	7/11/2016 7:19:00 PM	R35570
1,1-Dichloroethane	ND	1.0		µg/L	1	7/11/2016 7:19:00 PM	R35570
1,1-Dichloroethene	ND	1.0		µg/L	1	7/11/2016 7:19:00 PM	R35570
1,2-Dichloropropane	ND	1.0		µg/L	1	7/11/2016 7:19:00 PM	R35570
1,3-Dichloropropane	ND	1.0		µg/L	1	7/11/2016 7:19:00 PM	R35570
2,2-Dichloropropane	ND	2.0		µg/L	1	7/11/2016 7:19:00 PM	R35570

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Laun-Dry
Lab ID: 1607285-003 **Matrix:** AQUEOUS

Client Sample ID: MW-4H-02
Collection Date: 7/5/2016 10:10:00 AM
Received Date: 7/6/2016 4:39:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
1,1-Dichloropropene	ND	1.0		µg/L	1	7/11/2016 7:19:00 PM	R35570
Hexachlorobutadiene	ND	1.0		µg/L	1	7/11/2016 7:19:00 PM	R35570
2-Hexanone	ND	10		µg/L	1	7/11/2016 7:19:00 PM	R35570
Isopropylbenzene	ND	1.0		µg/L	1	7/11/2016 7:19:00 PM	R35570
4-Isopropyltoluene	ND	1.0		µg/L	1	7/11/2016 7:19:00 PM	R35570
4-Methyl-2-pentanone	ND	10		µg/L	1	7/11/2016 7:19:00 PM	R35570
Methylene Chloride	ND	3.0		µg/L	1	7/11/2016 7:19:00 PM	R35570
n-Butylbenzene	ND	3.0		µg/L	1	7/11/2016 7:19:00 PM	R35570
n-Propylbenzene	ND	1.0		µg/L	1	7/11/2016 7:19:00 PM	R35570
sec-Butylbenzene	ND	1.0		µg/L	1	7/11/2016 7:19:00 PM	R35570
Styrene	ND	1.0		µg/L	1	7/11/2016 7:19:00 PM	R35570
tert-Butylbenzene	ND	1.0		µg/L	1	7/11/2016 7:19:00 PM	R35570
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	7/11/2016 7:19:00 PM	R35570
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	7/11/2016 7:19:00 PM	R35570
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	7/11/2016 7:19:00 PM	R35570
trans-1,2-DCE	ND	1.0		µg/L	1	7/11/2016 7:19:00 PM	R35570
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	7/11/2016 7:19:00 PM	R35570
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	7/11/2016 7:19:00 PM	R35570
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	7/11/2016 7:19:00 PM	R35570
1,1,1-Trichloroethane	ND	1.0		µg/L	1	7/11/2016 7:19:00 PM	R35570
1,1,2-Trichloroethane	ND	1.0		µg/L	1	7/11/2016 7:19:00 PM	R35570
Trichloroethene (TCE)	ND	1.0		µg/L	1	7/11/2016 7:19:00 PM	R35570
Trichlorofluoromethane	ND	1.0		µg/L	1	7/11/2016 7:19:00 PM	R35570
1,2,3-Trichloropropane	ND	2.0		µg/L	1	7/11/2016 7:19:00 PM	R35570
Vinyl chloride	ND	1.0		µg/L	1	7/11/2016 7:19:00 PM	R35570
Xylenes, Total	ND	1.5		µg/L	1	7/11/2016 7:19:00 PM	R35570
Surr: 1,2-Dichloroethane-d4	79.1	70-130		%Rec	1	7/11/2016 7:19:00 PM	R35570
Surr: 4-Bromofluorobenzene	93.4	70-130		%Rec	1	7/11/2016 7:19:00 PM	R35570
Surr: Dibromofluoromethane	90.2	70-130		%Rec	1	7/11/2016 7:19:00 PM	R35570
Surr: Toluene-d8	99.5	70-130		%Rec	1	7/11/2016 7:19:00 PM	R35570

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Laun-Dry
Lab ID: 1607285-004 **Matrix:** AQUEOUS

Client Sample ID: MW-4H-01
Collection Date: 7/5/2016 10:58:00 AM
Received Date: 7/6/2016 4:39:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
Benzene	ND	1.0		µg/L	1	7/11/2016 7:43:00 PM	R35570
Toluene	ND	1.0		µg/L	1	7/11/2016 7:43:00 PM	R35570
Ethylbenzene	ND	1.0		µg/L	1	7/11/2016 7:43:00 PM	R35570
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	7/11/2016 7:43:00 PM	R35570
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	7/11/2016 7:43:00 PM	R35570
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	7/11/2016 7:43:00 PM	R35570
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	7/11/2016 7:43:00 PM	R35570
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	7/11/2016 7:43:00 PM	R35570
Naphthalene	ND	2.0		µg/L	1	7/11/2016 7:43:00 PM	R35570
1-Methylnaphthalene	ND	4.0		µg/L	1	7/11/2016 7:43:00 PM	R35570
2-Methylnaphthalene	ND	4.0		µg/L	1	7/11/2016 7:43:00 PM	R35570
Acetone	ND	10		µg/L	1	7/11/2016 7:43:00 PM	R35570
Bromobenzene	ND	1.0		µg/L	1	7/11/2016 7:43:00 PM	R35570
Bromodichloromethane	ND	1.0		µg/L	1	7/11/2016 7:43:00 PM	R35570
Bromoform	ND	1.0		µg/L	1	7/11/2016 7:43:00 PM	R35570
Bromomethane	ND	3.0		µg/L	1	7/11/2016 7:43:00 PM	R35570
2-Butanone	ND	10		µg/L	1	7/11/2016 7:43:00 PM	R35570
Carbon disulfide	ND	10		µg/L	1	7/11/2016 7:43:00 PM	R35570
Carbon Tetrachloride	ND	1.0		µg/L	1	7/11/2016 7:43:00 PM	R35570
Chlorobenzene	ND	1.0		µg/L	1	7/11/2016 7:43:00 PM	R35570
Chloroethane	ND	2.0		µg/L	1	7/11/2016 7:43:00 PM	R35570
Chloroform	ND	1.0		µg/L	1	7/11/2016 7:43:00 PM	R35570
Chloromethane	ND	3.0		µg/L	1	7/11/2016 7:43:00 PM	R35570
2-Chlorotoluene	ND	1.0		µg/L	1	7/11/2016 7:43:00 PM	R35570
4-Chlorotoluene	ND	1.0		µg/L	1	7/11/2016 7:43:00 PM	R35570
cis-1,2-DCE	ND	1.0		µg/L	1	7/11/2016 7:43:00 PM	R35570
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	7/11/2016 7:43:00 PM	R35570
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	7/11/2016 7:43:00 PM	R35570
Dibromochloromethane	ND	1.0		µg/L	1	7/11/2016 7:43:00 PM	R35570
Dibromomethane	ND	1.0		µg/L	1	7/11/2016 7:43:00 PM	R35570
1,2-Dichlorobenzene	ND	1.0		µg/L	1	7/11/2016 7:43:00 PM	R35570
1,3-Dichlorobenzene	ND	1.0		µg/L	1	7/11/2016 7:43:00 PM	R35570
1,4-Dichlorobenzene	ND	1.0		µg/L	1	7/11/2016 7:43:00 PM	R35570
Dichlorodifluoromethane	ND	1.0		µg/L	1	7/11/2016 7:43:00 PM	R35570
1,1-Dichloroethane	ND	1.0		µg/L	1	7/11/2016 7:43:00 PM	R35570
1,1-Dichloroethene	ND	1.0		µg/L	1	7/11/2016 7:43:00 PM	R35570
1,2-Dichloropropane	ND	1.0		µg/L	1	7/11/2016 7:43:00 PM	R35570
1,3-Dichloropropane	ND	1.0		µg/L	1	7/11/2016 7:43:00 PM	R35570
2,2-Dichloropropane	ND	2.0		µg/L	1	7/11/2016 7:43:00 PM	R35570

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Laun-Dry
Lab ID: 1607285-004 **Matrix:** AQUEOUS

Client Sample ID: MW-4H-01
Collection Date: 7/5/2016 10:58:00 AM
Received Date: 7/6/2016 4:39:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
1,1-Dichloropropene	ND	1.0		µg/L	1	7/11/2016 7:43:00 PM	R35570
Hexachlorobutadiene	ND	1.0		µg/L	1	7/11/2016 7:43:00 PM	R35570
2-Hexanone	ND	10		µg/L	1	7/11/2016 7:43:00 PM	R35570
Isopropylbenzene	ND	1.0		µg/L	1	7/11/2016 7:43:00 PM	R35570
4-Isopropyltoluene	ND	1.0		µg/L	1	7/11/2016 7:43:00 PM	R35570
4-Methyl-2-pentanone	ND	10		µg/L	1	7/11/2016 7:43:00 PM	R35570
Methylene Chloride	ND	3.0		µg/L	1	7/11/2016 7:43:00 PM	R35570
n-Butylbenzene	ND	3.0		µg/L	1	7/11/2016 7:43:00 PM	R35570
n-Propylbenzene	ND	1.0		µg/L	1	7/11/2016 7:43:00 PM	R35570
sec-Butylbenzene	ND	1.0		µg/L	1	7/11/2016 7:43:00 PM	R35570
Styrene	ND	1.0		µg/L	1	7/11/2016 7:43:00 PM	R35570
tert-Butylbenzene	ND	1.0		µg/L	1	7/11/2016 7:43:00 PM	R35570
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	7/11/2016 7:43:00 PM	R35570
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	7/11/2016 7:43:00 PM	R35570
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	7/11/2016 7:43:00 PM	R35570
trans-1,2-DCE	ND	1.0		µg/L	1	7/11/2016 7:43:00 PM	R35570
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	7/11/2016 7:43:00 PM	R35570
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	7/11/2016 7:43:00 PM	R35570
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	7/11/2016 7:43:00 PM	R35570
1,1,1-Trichloroethane	ND	1.0		µg/L	1	7/11/2016 7:43:00 PM	R35570
1,1,2-Trichloroethane	ND	1.0		µg/L	1	7/11/2016 7:43:00 PM	R35570
Trichloroethene (TCE)	ND	1.0		µg/L	1	7/11/2016 7:43:00 PM	R35570
Trichlorofluoromethane	ND	1.0		µg/L	1	7/11/2016 7:43:00 PM	R35570
1,2,3-Trichloropropane	ND	2.0		µg/L	1	7/11/2016 7:43:00 PM	R35570
Vinyl chloride	ND	1.0		µg/L	1	7/11/2016 7:43:00 PM	R35570
Xylenes, Total	ND	1.5		µg/L	1	7/11/2016 7:43:00 PM	R35570
Surr: 1,2-Dichloroethane-d4	77.2	70-130		%Rec	1	7/11/2016 7:43:00 PM	R35570
Surr: 4-Bromofluorobenzene	93.8	70-130		%Rec	1	7/11/2016 7:43:00 PM	R35570
Surr: Dibromofluoromethane	89.0	70-130		%Rec	1	7/11/2016 7:43:00 PM	R35570
Surr: Toluene-d8	99.5	70-130		%Rec	1	7/11/2016 7:43:00 PM	R35570

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Laun-Dry
Lab ID: 1607285-005 **Matrix:** AQUEOUS

Client Sample ID: OB-3
Collection Date: 7/5/2016 11:40:00 AM
Received Date: 7/6/2016 4:39:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
Benzene	ND	1.0		µg/L	1	7/11/2016 8:29:00 PM	R35570
Toluene	ND	1.0		µg/L	1	7/11/2016 8:29:00 PM	R35570
Ethylbenzene	ND	1.0		µg/L	1	7/11/2016 8:29:00 PM	R35570
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	7/11/2016 8:29:00 PM	R35570
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	7/11/2016 8:29:00 PM	R35570
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	7/11/2016 8:29:00 PM	R35570
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	7/11/2016 8:29:00 PM	R35570
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	7/11/2016 8:29:00 PM	R35570
Naphthalene	ND	2.0		µg/L	1	7/11/2016 8:29:00 PM	R35570
1-Methylnaphthalene	ND	4.0		µg/L	1	7/11/2016 8:29:00 PM	R35570
2-Methylnaphthalene	ND	4.0		µg/L	1	7/11/2016 8:29:00 PM	R35570
Acetone	ND	10		µg/L	1	7/11/2016 8:29:00 PM	R35570
Bromobenzene	ND	1.0		µg/L	1	7/11/2016 8:29:00 PM	R35570
Bromodichloromethane	ND	1.0		µg/L	1	7/11/2016 8:29:00 PM	R35570
Bromoform	ND	1.0		µg/L	1	7/11/2016 8:29:00 PM	R35570
Bromomethane	ND	3.0		µg/L	1	7/11/2016 8:29:00 PM	R35570
2-Butanone	ND	10		µg/L	1	7/11/2016 8:29:00 PM	R35570
Carbon disulfide	ND	10		µg/L	1	7/11/2016 8:29:00 PM	R35570
Carbon Tetrachloride	ND	1.0		µg/L	1	7/11/2016 8:29:00 PM	R35570
Chlorobenzene	ND	1.0		µg/L	1	7/11/2016 8:29:00 PM	R35570
Chloroethane	ND	2.0		µg/L	1	7/11/2016 8:29:00 PM	R35570
Chloroform	ND	1.0		µg/L	1	7/11/2016 8:29:00 PM	R35570
Chloromethane	ND	3.0		µg/L	1	7/11/2016 8:29:00 PM	R35570
2-Chlorotoluene	ND	1.0		µg/L	1	7/11/2016 8:29:00 PM	R35570
4-Chlorotoluene	ND	1.0		µg/L	1	7/11/2016 8:29:00 PM	R35570
cis-1,2-DCE	69	1.0		µg/L	1	7/11/2016 8:29:00 PM	R35570
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	7/11/2016 8:29:00 PM	R35570
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	7/11/2016 8:29:00 PM	R35570
Dibromochloromethane	ND	1.0		µg/L	1	7/11/2016 8:29:00 PM	R35570
Dibromomethane	ND	1.0		µg/L	1	7/11/2016 8:29:00 PM	R35570
1,2-Dichlorobenzene	ND	1.0		µg/L	1	7/11/2016 8:29:00 PM	R35570
1,3-Dichlorobenzene	ND	1.0		µg/L	1	7/11/2016 8:29:00 PM	R35570
1,4-Dichlorobenzene	ND	1.0		µg/L	1	7/11/2016 8:29:00 PM	R35570
Dichlorodifluoromethane	ND	1.0		µg/L	1	7/11/2016 8:29:00 PM	R35570
1,1-Dichloroethane	ND	1.0		µg/L	1	7/11/2016 8:29:00 PM	R35570
1,1-Dichloroethene	ND	1.0		µg/L	1	7/11/2016 8:29:00 PM	R35570
1,2-Dichloropropane	ND	1.0		µg/L	1	7/11/2016 8:29:00 PM	R35570
1,3-Dichloropropane	ND	1.0		µg/L	1	7/11/2016 8:29:00 PM	R35570
2,2-Dichloropropane	ND	2.0		µg/L	1	7/11/2016 8:29:00 PM	R35570

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: OB-3
Project: Laun-Dry
Collection Date: 7/5/2016 11:40:00 AM
Lab ID: 1607285-005
Matrix: AQUEOUS
Received Date: 7/6/2016 4:39:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
1,1-Dichloropropene	ND	1.0		µg/L	1	7/11/2016 8:29:00 PM	R35570
Hexachlorobutadiene	ND	1.0		µg/L	1	7/11/2016 8:29:00 PM	R35570
2-Hexanone	ND	10		µg/L	1	7/11/2016 8:29:00 PM	R35570
Isopropylbenzene	ND	1.0		µg/L	1	7/11/2016 8:29:00 PM	R35570
4-Isopropyltoluene	ND	1.0		µg/L	1	7/11/2016 8:29:00 PM	R35570
4-Methyl-2-pentanone	ND	10		µg/L	1	7/11/2016 8:29:00 PM	R35570
Methylene Chloride	ND	3.0		µg/L	1	7/11/2016 8:29:00 PM	R35570
n-Butylbenzene	ND	3.0		µg/L	1	7/11/2016 8:29:00 PM	R35570
n-Propylbenzene	ND	1.0		µg/L	1	7/11/2016 8:29:00 PM	R35570
sec-Butylbenzene	ND	1.0		µg/L	1	7/11/2016 8:29:00 PM	R35570
Styrene	ND	1.0		µg/L	1	7/11/2016 8:29:00 PM	R35570
tert-Butylbenzene	ND	1.0		µg/L	1	7/11/2016 8:29:00 PM	R35570
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	7/11/2016 8:29:00 PM	R35570
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	7/11/2016 8:29:00 PM	R35570
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	7/11/2016 8:29:00 PM	R35570
trans-1,2-DCE	19	1.0		µg/L	1	7/11/2016 8:29:00 PM	R35570
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	7/11/2016 8:29:00 PM	R35570
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	7/11/2016 8:29:00 PM	R35570
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	7/11/2016 8:29:00 PM	R35570
1,1,1-Trichloroethane	ND	1.0		µg/L	1	7/11/2016 8:29:00 PM	R35570
1,1,2-Trichloroethane	ND	1.0		µg/L	1	7/11/2016 8:29:00 PM	R35570
Trichloroethene (TCE)	110	10		µg/L	10	7/11/2016 8:06:00 PM	R35570
Trichlorofluoromethane	ND	1.0		µg/L	1	7/11/2016 8:29:00 PM	R35570
1,2,3-Trichloropropane	ND	2.0		µg/L	1	7/11/2016 8:29:00 PM	R35570
Vinyl chloride	ND	1.0		µg/L	1	7/11/2016 8:29:00 PM	R35570
Xylenes, Total	ND	1.5		µg/L	1	7/11/2016 8:29:00 PM	R35570
Surr: 1,2-Dichloroethane-d4	77.0	70-130		%Rec	1	7/11/2016 8:29:00 PM	R35570
Surr: 4-Bromofluorobenzene	93.5	70-130		%Rec	1	7/11/2016 8:29:00 PM	R35570
Surr: Dibromofluoromethane	89.6	70-130		%Rec	1	7/11/2016 8:29:00 PM	R35570
Surr: Toluene-d8	101	70-130		%Rec	1	7/11/2016 8:29:00 PM	R35570

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Laun-Dry
Lab ID: 1607285-006 **Matrix:** AQUEOUS

Client Sample ID: MW-17
Collection Date: 7/5/2016 12:35:00 PM
Received Date: 7/6/2016 4:39:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
Benzene	ND	1.0		µg/L	1	7/11/2016 9:16:00 PM	R35570
Toluene	ND	1.0		µg/L	1	7/11/2016 9:16:00 PM	R35570
Ethylbenzene	ND	1.0		µg/L	1	7/11/2016 9:16:00 PM	R35570
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	7/11/2016 9:16:00 PM	R35570
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	7/11/2016 9:16:00 PM	R35570
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	7/11/2016 9:16:00 PM	R35570
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	7/11/2016 9:16:00 PM	R35570
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	7/11/2016 9:16:00 PM	R35570
Naphthalene	ND	2.0		µg/L	1	7/11/2016 9:16:00 PM	R35570
1-Methylnaphthalene	ND	4.0		µg/L	1	7/11/2016 9:16:00 PM	R35570
2-Methylnaphthalene	ND	4.0		µg/L	1	7/11/2016 9:16:00 PM	R35570
Acetone	ND	10		µg/L	1	7/11/2016 9:16:00 PM	R35570
Bromobenzene	ND	1.0		µg/L	1	7/11/2016 9:16:00 PM	R35570
Bromodichloromethane	ND	1.0		µg/L	1	7/11/2016 9:16:00 PM	R35570
Bromoform	ND	1.0		µg/L	1	7/11/2016 9:16:00 PM	R35570
Bromomethane	ND	3.0		µg/L	1	7/11/2016 9:16:00 PM	R35570
2-Butanone	ND	10		µg/L	1	7/11/2016 9:16:00 PM	R35570
Carbon disulfide	ND	10		µg/L	1	7/11/2016 9:16:00 PM	R35570
Carbon Tetrachloride	ND	1.0		µg/L	1	7/11/2016 9:16:00 PM	R35570
Chlorobenzene	ND	1.0		µg/L	1	7/11/2016 9:16:00 PM	R35570
Chloroethane	ND	2.0		µg/L	1	7/11/2016 9:16:00 PM	R35570
Chloroform	ND	1.0		µg/L	1	7/11/2016 9:16:00 PM	R35570
Chloromethane	ND	3.0		µg/L	1	7/11/2016 9:16:00 PM	R35570
2-Chlorotoluene	ND	1.0		µg/L	1	7/11/2016 9:16:00 PM	R35570
4-Chlorotoluene	ND	1.0		µg/L	1	7/11/2016 9:16:00 PM	R35570
cis-1,2-DCE	43	1.0		µg/L	1	7/11/2016 9:16:00 PM	R35570
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	7/11/2016 9:16:00 PM	R35570
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	7/11/2016 9:16:00 PM	R35570
Dibromochloromethane	ND	1.0		µg/L	1	7/11/2016 9:16:00 PM	R35570
Dibromomethane	ND	1.0		µg/L	1	7/11/2016 9:16:00 PM	R35570
1,2-Dichlorobenzene	ND	1.0		µg/L	1	7/11/2016 9:16:00 PM	R35570
1,3-Dichlorobenzene	ND	1.0		µg/L	1	7/11/2016 9:16:00 PM	R35570
1,4-Dichlorobenzene	ND	1.0		µg/L	1	7/11/2016 9:16:00 PM	R35570
Dichlorodifluoromethane	ND	1.0		µg/L	1	7/11/2016 9:16:00 PM	R35570
1,1-Dichloroethane	ND	1.0		µg/L	1	7/11/2016 9:16:00 PM	R35570
1,1-Dichloroethene	ND	1.0		µg/L	1	7/11/2016 9:16:00 PM	R35570
1,2-Dichloropropane	ND	1.0		µg/L	1	7/11/2016 9:16:00 PM	R35570
1,3-Dichloropropane	ND	1.0		µg/L	1	7/11/2016 9:16:00 PM	R35570
2,2-Dichloropropane	ND	2.0		µg/L	1	7/11/2016 9:16:00 PM	R35570

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Laun-Dry
Lab ID: 1607285-006 **Matrix:** AQUEOUS

Client Sample ID: MW-17
Collection Date: 7/5/2016 12:35:00 PM
Received Date: 7/6/2016 4:39:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
1,1-Dichloropropene	ND	1.0		µg/L	1	7/11/2016 9:16:00 PM	R35570
Hexachlorobutadiene	ND	1.0		µg/L	1	7/11/2016 9:16:00 PM	R35570
2-Hexanone	ND	10		µg/L	1	7/11/2016 9:16:00 PM	R35570
Isopropylbenzene	ND	1.0		µg/L	1	7/11/2016 9:16:00 PM	R35570
4-Isopropyltoluene	ND	1.0		µg/L	1	7/11/2016 9:16:00 PM	R35570
4-Methyl-2-pentanone	ND	10		µg/L	1	7/11/2016 9:16:00 PM	R35570
Methylene Chloride	ND	3.0		µg/L	1	7/11/2016 9:16:00 PM	R35570
n-Butylbenzene	ND	3.0		µg/L	1	7/11/2016 9:16:00 PM	R35570
n-Propylbenzene	ND	1.0		µg/L	1	7/11/2016 9:16:00 PM	R35570
sec-Butylbenzene	ND	1.0		µg/L	1	7/11/2016 9:16:00 PM	R35570
Styrene	ND	1.0		µg/L	1	7/11/2016 9:16:00 PM	R35570
tert-Butylbenzene	ND	1.0		µg/L	1	7/11/2016 9:16:00 PM	R35570
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	7/11/2016 9:16:00 PM	R35570
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	7/11/2016 9:16:00 PM	R35570
Tetrachloroethene (PCE)	3.2	1.0		µg/L	1	7/11/2016 9:16:00 PM	R35570
trans-1,2-DCE	35	1.0		µg/L	1	7/11/2016 9:16:00 PM	R35570
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	7/11/2016 9:16:00 PM	R35570
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	7/11/2016 9:16:00 PM	R35570
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	7/11/2016 9:16:00 PM	R35570
1,1,1-Trichloroethane	ND	1.0		µg/L	1	7/11/2016 9:16:00 PM	R35570
1,1,2-Trichloroethane	ND	1.0		µg/L	1	7/11/2016 9:16:00 PM	R35570
Trichloroethene (TCE)	220	10		µg/L	10	7/11/2016 8:52:00 PM	R35570
Trichlorofluoromethane	ND	1.0		µg/L	1	7/11/2016 9:16:00 PM	R35570
1,2,3-Trichloropropane	ND	2.0		µg/L	1	7/11/2016 9:16:00 PM	R35570
Vinyl chloride	ND	1.0		µg/L	1	7/11/2016 9:16:00 PM	R35570
Xylenes, Total	ND	1.5		µg/L	1	7/11/2016 9:16:00 PM	R35570
Surr: 1,2-Dichloroethane-d4	75.3	70-130		%Rec	1	7/11/2016 9:16:00 PM	R35570
Surr: 4-Bromofluorobenzene	93.2	70-130		%Rec	1	7/11/2016 9:16:00 PM	R35570
Surr: Dibromofluoromethane	86.8	70-130		%Rec	1	7/11/2016 9:16:00 PM	R35570
Surr: Toluene-d8	101	70-130		%Rec	1	7/11/2016 9:16:00 PM	R35570

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: MW-5
Project: Laun-Dry
Collection Date: 7/5/2016 1:20:00 PM
Lab ID: 1607285-007
Matrix: AQUEOUS
Received Date: 7/6/2016 4:39:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
Benzene	ND	1.0		µg/L	1	7/11/2016 9:39:00 PM	R35570
Toluene	ND	1.0		µg/L	1	7/11/2016 9:39:00 PM	R35570
Ethylbenzene	ND	1.0		µg/L	1	7/11/2016 9:39:00 PM	R35570
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	7/11/2016 9:39:00 PM	R35570
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	7/11/2016 9:39:00 PM	R35570
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	7/11/2016 9:39:00 PM	R35570
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	7/11/2016 9:39:00 PM	R35570
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	7/11/2016 9:39:00 PM	R35570
Naphthalene	ND	2.0		µg/L	1	7/11/2016 9:39:00 PM	R35570
1-Methylnaphthalene	ND	4.0		µg/L	1	7/11/2016 9:39:00 PM	R35570
2-Methylnaphthalene	ND	4.0		µg/L	1	7/11/2016 9:39:00 PM	R35570
Acetone	ND	10		µg/L	1	7/11/2016 9:39:00 PM	R35570
Bromobenzene	ND	1.0		µg/L	1	7/11/2016 9:39:00 PM	R35570
Bromodichloromethane	ND	1.0		µg/L	1	7/11/2016 9:39:00 PM	R35570
Bromoform	ND	1.0		µg/L	1	7/11/2016 9:39:00 PM	R35570
Bromomethane	ND	3.0		µg/L	1	7/11/2016 9:39:00 PM	R35570
2-Butanone	ND	10		µg/L	1	7/11/2016 9:39:00 PM	R35570
Carbon disulfide	ND	10		µg/L	1	7/11/2016 9:39:00 PM	R35570
Carbon Tetrachloride	ND	1.0		µg/L	1	7/11/2016 9:39:00 PM	R35570
Chlorobenzene	ND	1.0		µg/L	1	7/11/2016 9:39:00 PM	R35570
Chloroethane	ND	2.0		µg/L	1	7/11/2016 9:39:00 PM	R35570
Chloroform	ND	1.0		µg/L	1	7/11/2016 9:39:00 PM	R35570
Chloromethane	ND	3.0		µg/L	1	7/11/2016 9:39:00 PM	R35570
2-Chlorotoluene	ND	1.0		µg/L	1	7/11/2016 9:39:00 PM	R35570
4-Chlorotoluene	ND	1.0		µg/L	1	7/11/2016 9:39:00 PM	R35570
cis-1,2-DCE	77	1.0		µg/L	1	7/11/2016 9:39:00 PM	R35570
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	7/11/2016 9:39:00 PM	R35570
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	7/11/2016 9:39:00 PM	R35570
Dibromochloromethane	ND	1.0		µg/L	1	7/11/2016 9:39:00 PM	R35570
Dibromomethane	ND	1.0		µg/L	1	7/11/2016 9:39:00 PM	R35570
1,2-Dichlorobenzene	ND	1.0		µg/L	1	7/11/2016 9:39:00 PM	R35570
1,3-Dichlorobenzene	ND	1.0		µg/L	1	7/11/2016 9:39:00 PM	R35570
1,4-Dichlorobenzene	ND	1.0		µg/L	1	7/11/2016 9:39:00 PM	R35570
Dichlorodifluoromethane	ND	1.0		µg/L	1	7/11/2016 9:39:00 PM	R35570
1,1-Dichloroethane	ND	1.0		µg/L	1	7/11/2016 9:39:00 PM	R35570
1,1-Dichloroethene	ND	1.0		µg/L	1	7/11/2016 9:39:00 PM	R35570
1,2-Dichloropropane	ND	1.0		µg/L	1	7/11/2016 9:39:00 PM	R35570
1,3-Dichloropropane	ND	1.0		µg/L	1	7/11/2016 9:39:00 PM	R35570
2,2-Dichloropropane	ND	2.0		µg/L	1	7/11/2016 9:39:00 PM	R35570

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Laun-Dry
Lab ID: 1607285-007 **Matrix:** AQUEOUS

Client Sample ID: MW-5
Collection Date: 7/5/2016 1:20:00 PM
Received Date: 7/6/2016 4:39:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
1,1-Dichloropropene	ND	1.0		µg/L	1	7/11/2016 9:39:00 PM	R35570
Hexachlorobutadiene	ND	1.0		µg/L	1	7/11/2016 9:39:00 PM	R35570
2-Hexanone	ND	10		µg/L	1	7/11/2016 9:39:00 PM	R35570
Isopropylbenzene	ND	1.0		µg/L	1	7/11/2016 9:39:00 PM	R35570
4-Isopropyltoluene	ND	1.0		µg/L	1	7/11/2016 9:39:00 PM	R35570
4-Methyl-2-pentanone	ND	10		µg/L	1	7/11/2016 9:39:00 PM	R35570
Methylene Chloride	ND	3.0		µg/L	1	7/11/2016 9:39:00 PM	R35570
n-Butylbenzene	ND	3.0		µg/L	1	7/11/2016 9:39:00 PM	R35570
n-Propylbenzene	ND	1.0		µg/L	1	7/11/2016 9:39:00 PM	R35570
sec-Butylbenzene	ND	1.0		µg/L	1	7/11/2016 9:39:00 PM	R35570
Styrene	ND	1.0		µg/L	1	7/11/2016 9:39:00 PM	R35570
tert-Butylbenzene	ND	1.0		µg/L	1	7/11/2016 9:39:00 PM	R35570
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	7/11/2016 9:39:00 PM	R35570
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	7/11/2016 9:39:00 PM	R35570
Tetrachloroethene (PCE)	83	1.0		µg/L	1	7/11/2016 9:39:00 PM	R35570
trans-1,2-DCE	22	1.0		µg/L	1	7/11/2016 9:39:00 PM	R35570
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	7/11/2016 9:39:00 PM	R35570
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	7/11/2016 9:39:00 PM	R35570
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	7/11/2016 9:39:00 PM	R35570
1,1,1-Trichloroethane	ND	1.0		µg/L	1	7/11/2016 9:39:00 PM	R35570
1,1,2-Trichloroethane	ND	1.0		µg/L	1	7/11/2016 9:39:00 PM	R35570
Trichloroethene (TCE)	1100	100		µg/L	100	7/12/2016 5:15:00 PM	R35624
Trichlorofluoromethane	ND	1.0		µg/L	1	7/11/2016 9:39:00 PM	R35570
1,2,3-Trichloropropane	ND	2.0		µg/L	1	7/11/2016 9:39:00 PM	R35570
Vinyl chloride	ND	1.0		µg/L	1	7/11/2016 9:39:00 PM	R35570
Xylenes, Total	ND	1.5		µg/L	1	7/11/2016 9:39:00 PM	R35570
Surr: 1,2-Dichloroethane-d4	77.8	70-130		%Rec	1	7/11/2016 9:39:00 PM	R35570
Surr: 4-Bromofluorobenzene	91.3	70-130		%Rec	1	7/11/2016 9:39:00 PM	R35570
Surr: Dibromofluoromethane	89.0	70-130		%Rec	1	7/11/2016 9:39:00 PM	R35570
Surr: Toluene-d8	102	70-130		%Rec	1	7/11/2016 9:39:00 PM	R35570

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Laun-Dry
Lab ID: 1607285-008 **Matrix:** AQUEOUS

Client Sample ID: CA-FSY-14
Collection Date: 7/5/2016 2:20:00 PM
Received Date: 7/6/2016 4:39:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
Benzene	ND	1.0		µg/L	1	7/12/2016 5:38:00 PM	R35624
Toluene	ND	1.0		µg/L	1	7/12/2016 5:38:00 PM	R35624
Ethylbenzene	ND	1.0		µg/L	1	7/12/2016 5:38:00 PM	R35624
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	7/12/2016 5:38:00 PM	R35624
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	7/12/2016 5:38:00 PM	R35624
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	7/12/2016 5:38:00 PM	R35624
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	7/12/2016 5:38:00 PM	R35624
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	7/12/2016 5:38:00 PM	R35624
Naphthalene	ND	2.0		µg/L	1	7/12/2016 5:38:00 PM	R35624
1-Methylnaphthalene	ND	4.0		µg/L	1	7/12/2016 5:38:00 PM	R35624
2-Methylnaphthalene	ND	4.0		µg/L	1	7/12/2016 5:38:00 PM	R35624
Acetone	ND	10		µg/L	1	7/12/2016 5:38:00 PM	R35624
Bromobenzene	ND	1.0		µg/L	1	7/12/2016 5:38:00 PM	R35624
Bromodichloromethane	ND	1.0		µg/L	1	7/12/2016 5:38:00 PM	R35624
Bromoform	ND	1.0		µg/L	1	7/12/2016 5:38:00 PM	R35624
Bromomethane	ND	3.0		µg/L	1	7/12/2016 5:38:00 PM	R35624
2-Butanone	ND	10		µg/L	1	7/12/2016 5:38:00 PM	R35624
Carbon disulfide	ND	10		µg/L	1	7/12/2016 5:38:00 PM	R35624
Carbon Tetrachloride	ND	1.0		µg/L	1	7/12/2016 5:38:00 PM	R35624
Chlorobenzene	ND	1.0		µg/L	1	7/12/2016 5:38:00 PM	R35624
Chloroethane	ND	2.0		µg/L	1	7/12/2016 5:38:00 PM	R35624
Chloroform	ND	1.0		µg/L	1	7/12/2016 5:38:00 PM	R35624
Chloromethane	ND	3.0		µg/L	1	7/12/2016 5:38:00 PM	R35624
2-Chlorotoluene	ND	1.0		µg/L	1	7/12/2016 5:38:00 PM	R35624
4-Chlorotoluene	ND	1.0		µg/L	1	7/12/2016 5:38:00 PM	R35624
cis-1,2-DCE	ND	1.0		µg/L	1	7/12/2016 5:38:00 PM	R35624
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	7/12/2016 5:38:00 PM	R35624
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	7/12/2016 5:38:00 PM	R35624
Dibromochloromethane	ND	1.0		µg/L	1	7/12/2016 5:38:00 PM	R35624
Dibromomethane	ND	1.0		µg/L	1	7/12/2016 5:38:00 PM	R35624
1,2-Dichlorobenzene	ND	1.0		µg/L	1	7/12/2016 5:38:00 PM	R35624
1,3-Dichlorobenzene	ND	1.0		µg/L	1	7/12/2016 5:38:00 PM	R35624
1,4-Dichlorobenzene	ND	1.0		µg/L	1	7/12/2016 5:38:00 PM	R35624
Dichlorodifluoromethane	ND	1.0		µg/L	1	7/12/2016 5:38:00 PM	R35624
1,1-Dichloroethane	ND	1.0		µg/L	1	7/12/2016 5:38:00 PM	R35624
1,1-Dichloroethene	ND	1.0		µg/L	1	7/12/2016 5:38:00 PM	R35624
1,2-Dichloropropane	ND	1.0		µg/L	1	7/12/2016 5:38:00 PM	R35624
1,3-Dichloropropane	ND	1.0		µg/L	1	7/12/2016 5:38:00 PM	R35624
2,2-Dichloropropane	ND	2.0		µg/L	1	7/12/2016 5:38:00 PM	R35624

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Laun-Dry
Lab ID: 1607285-008 **Matrix:** AQUEOUS

Client Sample ID: CA-FSY-14
Collection Date: 7/5/2016 2:20:00 PM
Received Date: 7/6/2016 4:39:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
1,1-Dichloropropene	ND	1.0		µg/L	1	7/12/2016 5:38:00 PM	R35624
Hexachlorobutadiene	ND	1.0		µg/L	1	7/12/2016 5:38:00 PM	R35624
2-Hexanone	ND	10		µg/L	1	7/12/2016 5:38:00 PM	R35624
Isopropylbenzene	ND	1.0		µg/L	1	7/12/2016 5:38:00 PM	R35624
4-Isopropyltoluene	ND	1.0		µg/L	1	7/12/2016 5:38:00 PM	R35624
4-Methyl-2-pentanone	ND	10		µg/L	1	7/12/2016 5:38:00 PM	R35624
Methylene Chloride	ND	3.0		µg/L	1	7/12/2016 5:38:00 PM	R35624
n-Butylbenzene	ND	3.0		µg/L	1	7/12/2016 5:38:00 PM	R35624
n-Propylbenzene	ND	1.0		µg/L	1	7/12/2016 5:38:00 PM	R35624
sec-Butylbenzene	ND	1.0		µg/L	1	7/12/2016 5:38:00 PM	R35624
Styrene	ND	1.0		µg/L	1	7/12/2016 5:38:00 PM	R35624
tert-Butylbenzene	ND	1.0		µg/L	1	7/12/2016 5:38:00 PM	R35624
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	7/12/2016 5:38:00 PM	R35624
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	7/12/2016 5:38:00 PM	R35624
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	7/12/2016 5:38:00 PM	R35624
trans-1,2-DCE	ND	1.0		µg/L	1	7/12/2016 5:38:00 PM	R35624
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	7/12/2016 5:38:00 PM	R35624
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	7/12/2016 5:38:00 PM	R35624
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	7/12/2016 5:38:00 PM	R35624
1,1,1-Trichloroethane	ND	1.0		µg/L	1	7/12/2016 5:38:00 PM	R35624
1,1,2-Trichloroethane	ND	1.0		µg/L	1	7/12/2016 5:38:00 PM	R35624
Trichloroethene (TCE)	1.1	1.0		µg/L	1	7/12/2016 5:38:00 PM	R35624
Trichlorofluoromethane	ND	1.0		µg/L	1	7/12/2016 5:38:00 PM	R35624
1,2,3-Trichloropropane	ND	2.0		µg/L	1	7/12/2016 5:38:00 PM	R35624
Vinyl chloride	ND	1.0		µg/L	1	7/12/2016 5:38:00 PM	R35624
Xylenes, Total	ND	1.5		µg/L	1	7/12/2016 5:38:00 PM	R35624
Surr: 1,2-Dichloroethane-d4	114	70-130		%Rec	1	7/12/2016 5:38:00 PM	R35624
Surr: 4-Bromofluorobenzene	113	70-130		%Rec	1	7/12/2016 5:38:00 PM	R35624
Surr: Dibromofluoromethane	101	70-130		%Rec	1	7/12/2016 5:38:00 PM	R35624
Surr: Toluene-d8	99.7	70-130		%Rec	1	7/12/2016 5:38:00 PM	R35624

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Laun-Dry
Lab ID: 1607285-009 **Matrix:** AQUEOUS

Client Sample ID: MW-6F
Collection Date: 7/5/2016 3:22:00 PM
Received Date: 7/6/2016 4:39:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
Benzene	ND	1.0		µg/L	1	7/11/2016 11:59:00 PM	R35570
Toluene	ND	1.0		µg/L	1	7/11/2016 11:59:00 PM	R35570
Ethylbenzene	ND	1.0		µg/L	1	7/11/2016 11:59:00 PM	R35570
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	7/11/2016 11:59:00 PM	R35570
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	7/11/2016 11:59:00 PM	R35570
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	7/11/2016 11:59:00 PM	R35570
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	7/11/2016 11:59:00 PM	R35570
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	7/11/2016 11:59:00 PM	R35570
Naphthalene	ND	2.0		µg/L	1	7/11/2016 11:59:00 PM	R35570
1-Methylnaphthalene	ND	4.0		µg/L	1	7/11/2016 11:59:00 PM	R35570
2-Methylnaphthalene	ND	4.0		µg/L	1	7/11/2016 11:59:00 PM	R35570
Acetone	ND	10		µg/L	1	7/11/2016 11:59:00 PM	R35570
Bromobenzene	ND	1.0		µg/L	1	7/11/2016 11:59:00 PM	R35570
Bromodichloromethane	ND	1.0		µg/L	1	7/11/2016 11:59:00 PM	R35570
Bromoform	ND	1.0		µg/L	1	7/11/2016 11:59:00 PM	R35570
Bromomethane	ND	3.0		µg/L	1	7/11/2016 11:59:00 PM	R35570
2-Butanone	ND	10		µg/L	1	7/11/2016 11:59:00 PM	R35570
Carbon disulfide	ND	10		µg/L	1	7/11/2016 11:59:00 PM	R35570
Carbon Tetrachloride	ND	1.0		µg/L	1	7/11/2016 11:59:00 PM	R35570
Chlorobenzene	ND	1.0		µg/L	1	7/11/2016 11:59:00 PM	R35570
Chloroethane	ND	2.0		µg/L	1	7/11/2016 11:59:00 PM	R35570
Chloroform	ND	1.0		µg/L	1	7/11/2016 11:59:00 PM	R35570
Chloromethane	ND	3.0		µg/L	1	7/11/2016 11:59:00 PM	R35570
2-Chlorotoluene	ND	1.0		µg/L	1	7/11/2016 11:59:00 PM	R35570
4-Chlorotoluene	ND	1.0		µg/L	1	7/11/2016 11:59:00 PM	R35570
cis-1,2-DCE	ND	1.0		µg/L	1	7/11/2016 11:59:00 PM	R35570
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	7/11/2016 11:59:00 PM	R35570
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	7/11/2016 11:59:00 PM	R35570
Dibromochloromethane	ND	1.0		µg/L	1	7/11/2016 11:59:00 PM	R35570
Dibromomethane	ND	1.0		µg/L	1	7/11/2016 11:59:00 PM	R35570
1,2-Dichlorobenzene	ND	1.0		µg/L	1	7/11/2016 11:59:00 PM	R35570
1,3-Dichlorobenzene	ND	1.0		µg/L	1	7/11/2016 11:59:00 PM	R35570
1,4-Dichlorobenzene	ND	1.0		µg/L	1	7/11/2016 11:59:00 PM	R35570
Dichlorodifluoromethane	ND	1.0		µg/L	1	7/11/2016 11:59:00 PM	R35570
1,1-Dichloroethane	ND	1.0		µg/L	1	7/11/2016 11:59:00 PM	R35570
1,1-Dichloroethene	ND	1.0		µg/L	1	7/11/2016 11:59:00 PM	R35570
1,2-Dichloropropane	ND	1.0		µg/L	1	7/11/2016 11:59:00 PM	R35570
1,3-Dichloropropane	ND	1.0		µg/L	1	7/11/2016 11:59:00 PM	R35570
2,2-Dichloropropane	ND	2.0		µg/L	1	7/11/2016 11:59:00 PM	R35570

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Laun-Dry
Lab ID: 1607285-009 **Matrix:** AQUEOUS

Client Sample ID: MW-6F
Collection Date: 7/5/2016 3:22:00 PM
Received Date: 7/6/2016 4:39:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
1,1-Dichloropropene	ND	1.0		µg/L	1	7/11/2016 11:59:00 PM	R35570
Hexachlorobutadiene	ND	1.0		µg/L	1	7/11/2016 11:59:00 PM	R35570
2-Hexanone	ND	10		µg/L	1	7/11/2016 11:59:00 PM	R35570
Isopropylbenzene	ND	1.0		µg/L	1	7/11/2016 11:59:00 PM	R35570
4-Isopropyltoluene	ND	1.0		µg/L	1	7/11/2016 11:59:00 PM	R35570
4-Methyl-2-pentanone	ND	10		µg/L	1	7/11/2016 11:59:00 PM	R35570
Methylene Chloride	ND	3.0		µg/L	1	7/11/2016 11:59:00 PM	R35570
n-Butylbenzene	ND	3.0		µg/L	1	7/11/2016 11:59:00 PM	R35570
n-Propylbenzene	ND	1.0		µg/L	1	7/11/2016 11:59:00 PM	R35570
sec-Butylbenzene	ND	1.0		µg/L	1	7/11/2016 11:59:00 PM	R35570
Styrene	ND	1.0		µg/L	1	7/11/2016 11:59:00 PM	R35570
tert-Butylbenzene	ND	1.0		µg/L	1	7/11/2016 11:59:00 PM	R35570
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	7/11/2016 11:59:00 PM	R35570
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	7/11/2016 11:59:00 PM	R35570
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	7/11/2016 11:59:00 PM	R35570
trans-1,2-DCE	ND	1.0		µg/L	1	7/11/2016 11:59:00 PM	R35570
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	7/11/2016 11:59:00 PM	R35570
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	7/11/2016 11:59:00 PM	R35570
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	7/11/2016 11:59:00 PM	R35570
1,1,1-Trichloroethane	ND	1.0		µg/L	1	7/11/2016 11:59:00 PM	R35570
1,1,2-Trichloroethane	ND	1.0		µg/L	1	7/11/2016 11:59:00 PM	R35570
Trichloroethene (TCE)	1.1	1.0		µg/L	1	7/11/2016 11:59:00 PM	R35570
Trichlorofluoromethane	ND	1.0		µg/L	1	7/11/2016 11:59:00 PM	R35570
1,2,3-Trichloropropane	ND	2.0		µg/L	1	7/11/2016 11:59:00 PM	R35570
Vinyl chloride	ND	1.0		µg/L	1	7/11/2016 11:59:00 PM	R35570
Xylenes, Total	ND	1.5		µg/L	1	7/11/2016 11:59:00 PM	R35570
Surr: 1,2-Dichloroethane-d4	73.5	70-130		%Rec	1	7/11/2016 11:59:00 PM	R35570
Surr: 4-Bromofluorobenzene	90.1	70-130		%Rec	1	7/11/2016 11:59:00 PM	R35570
Surr: Dibromofluoromethane	85.5	70-130		%Rec	1	7/11/2016 11:59:00 PM	R35570
Surr: Toluene-d8	99.9	70-130		%Rec	1	7/11/2016 11:59:00 PM	R35570

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Laun-Dry
Lab ID: 1607285-010 **Matrix:** AQUEOUS

Client Sample ID: BG-BMW-8
Collection Date: 7/6/2016 8:25:00 AM
Received Date: 7/6/2016 4:39:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
Benzene	ND	1.0		µg/L	1	7/12/2016 12:22:00 AM	R35570
Toluene	ND	1.0		µg/L	1	7/12/2016 12:22:00 AM	R35570
Ethylbenzene	ND	1.0		µg/L	1	7/12/2016 12:22:00 AM	R35570
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	7/12/2016 12:22:00 AM	R35570
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	7/12/2016 12:22:00 AM	R35570
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	7/12/2016 12:22:00 AM	R35570
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	7/12/2016 12:22:00 AM	R35570
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	7/12/2016 12:22:00 AM	R35570
Naphthalene	ND	2.0		µg/L	1	7/12/2016 12:22:00 AM	R35570
1-Methylnaphthalene	ND	4.0		µg/L	1	7/12/2016 12:22:00 AM	R35570
2-Methylnaphthalene	ND	4.0		µg/L	1	7/12/2016 12:22:00 AM	R35570
Acetone	ND	10		µg/L	1	7/12/2016 12:22:00 AM	R35570
Bromobenzene	ND	1.0		µg/L	1	7/12/2016 12:22:00 AM	R35570
Bromodichloromethane	ND	1.0		µg/L	1	7/12/2016 12:22:00 AM	R35570
Bromoform	ND	1.0		µg/L	1	7/12/2016 12:22:00 AM	R35570
Bromomethane	ND	3.0		µg/L	1	7/12/2016 12:22:00 AM	R35570
2-Butanone	ND	10		µg/L	1	7/12/2016 12:22:00 AM	R35570
Carbon disulfide	ND	10		µg/L	1	7/12/2016 12:22:00 AM	R35570
Carbon Tetrachloride	ND	1.0		µg/L	1	7/12/2016 12:22:00 AM	R35570
Chlorobenzene	ND	1.0		µg/L	1	7/12/2016 12:22:00 AM	R35570
Chloroethane	ND	2.0		µg/L	1	7/12/2016 12:22:00 AM	R35570
Chloroform	ND	1.0		µg/L	1	7/12/2016 12:22:00 AM	R35570
Chloromethane	ND	3.0		µg/L	1	7/12/2016 12:22:00 AM	R35570
2-Chlorotoluene	ND	1.0		µg/L	1	7/12/2016 12:22:00 AM	R35570
4-Chlorotoluene	ND	1.0		µg/L	1	7/12/2016 12:22:00 AM	R35570
cis-1,2-DCE	50	1.0		µg/L	1	7/12/2016 12:22:00 AM	R35570
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	7/12/2016 12:22:00 AM	R35570
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	7/12/2016 12:22:00 AM	R35570
Dibromochloromethane	ND	1.0		µg/L	1	7/12/2016 12:22:00 AM	R35570
Dibromomethane	ND	1.0		µg/L	1	7/12/2016 12:22:00 AM	R35570
1,2-Dichlorobenzene	ND	1.0		µg/L	1	7/12/2016 12:22:00 AM	R35570
1,3-Dichlorobenzene	ND	1.0		µg/L	1	7/12/2016 12:22:00 AM	R35570
1,4-Dichlorobenzene	ND	1.0		µg/L	1	7/12/2016 12:22:00 AM	R35570
Dichlorodifluoromethane	ND	1.0		µg/L	1	7/12/2016 12:22:00 AM	R35570
1,1-Dichloroethane	ND	1.0		µg/L	1	7/12/2016 12:22:00 AM	R35570
1,1-Dichloroethene	ND	1.0		µg/L	1	7/12/2016 12:22:00 AM	R35570
1,2-Dichloropropane	ND	1.0		µg/L	1	7/12/2016 12:22:00 AM	R35570
1,3-Dichloropropane	ND	1.0		µg/L	1	7/12/2016 12:22:00 AM	R35570
2,2-Dichloropropane	ND	2.0		µg/L	1	7/12/2016 12:22:00 AM	R35570

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Laun-Dry
Lab ID: 1607285-010 **Matrix:** AQUEOUS

Client Sample ID: BG-BMW-8
Collection Date: 7/6/2016 8:25:00 AM
Received Date: 7/6/2016 4:39:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
1,1-Dichloropropene	ND	1.0		µg/L	1	7/12/2016 12:22:00 AM	R35570
Hexachlorobutadiene	ND	1.0		µg/L	1	7/12/2016 12:22:00 AM	R35570
2-Hexanone	ND	10		µg/L	1	7/12/2016 12:22:00 AM	R35570
Isopropylbenzene	ND	1.0		µg/L	1	7/12/2016 12:22:00 AM	R35570
4-Isopropyltoluene	ND	1.0		µg/L	1	7/12/2016 12:22:00 AM	R35570
4-Methyl-2-pentanone	ND	10		µg/L	1	7/12/2016 12:22:00 AM	R35570
Methylene Chloride	ND	3.0		µg/L	1	7/12/2016 12:22:00 AM	R35570
n-Butylbenzene	ND	3.0		µg/L	1	7/12/2016 12:22:00 AM	R35570
n-Propylbenzene	ND	1.0		µg/L	1	7/12/2016 12:22:00 AM	R35570
sec-Butylbenzene	ND	1.0		µg/L	1	7/12/2016 12:22:00 AM	R35570
Styrene	ND	1.0		µg/L	1	7/12/2016 12:22:00 AM	R35570
tert-Butylbenzene	ND	1.0		µg/L	1	7/12/2016 12:22:00 AM	R35570
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	7/12/2016 12:22:00 AM	R35570
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	7/12/2016 12:22:00 AM	R35570
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	7/12/2016 12:22:00 AM	R35570
trans-1,2-DCE	76	1.0		µg/L	1	7/12/2016 12:22:00 AM	R35570
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	7/12/2016 12:22:00 AM	R35570
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	7/12/2016 12:22:00 AM	R35570
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	7/12/2016 12:22:00 AM	R35570
1,1,1-Trichloroethane	ND	1.0		µg/L	1	7/12/2016 12:22:00 AM	R35570
1,1,2-Trichloroethane	ND	1.0		µg/L	1	7/12/2016 12:22:00 AM	R35570
Trichloroethene (TCE)	36	1.0		µg/L	1	7/12/2016 12:22:00 AM	R35570
Trichlorofluoromethane	ND	1.0		µg/L	1	7/12/2016 12:22:00 AM	R35570
1,2,3-Trichloropropane	ND	2.0		µg/L	1	7/12/2016 12:22:00 AM	R35570
Vinyl chloride	ND	1.0		µg/L	1	7/12/2016 12:22:00 AM	R35570
Xylenes, Total	ND	1.5		µg/L	1	7/12/2016 12:22:00 AM	R35570
Surr: 1,2-Dichloroethane-d4	73.7	70-130		%Rec	1	7/12/2016 12:22:00 AM	R35570
Surr: 4-Bromofluorobenzene	92.4	70-130		%Rec	1	7/12/2016 12:22:00 AM	R35570
Surr: Dibromofluoromethane	83.9	70-130		%Rec	1	7/12/2016 12:22:00 AM	R35570
Surr: Toluene-d8	100	70-130		%Rec	1	7/12/2016 12:22:00 AM	R35570

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Laun-Dry
Lab ID: 1607285-011 **Matrix:** AQUEOUS

Client Sample ID: MW-6H-D
Collection Date: 7/6/2016 9:05:00 AM
Received Date: 7/6/2016 4:39:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
Benzene	ND	1.0		µg/L	1	7/12/2016 12:46:00 AM	R35570
Toluene	ND	1.0		µg/L	1	7/12/2016 12:46:00 AM	R35570
Ethylbenzene	ND	1.0		µg/L	1	7/12/2016 12:46:00 AM	R35570
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	7/12/2016 12:46:00 AM	R35570
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	7/12/2016 12:46:00 AM	R35570
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	7/12/2016 12:46:00 AM	R35570
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	7/12/2016 12:46:00 AM	R35570
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	7/12/2016 12:46:00 AM	R35570
Naphthalene	ND	2.0		µg/L	1	7/12/2016 12:46:00 AM	R35570
1-Methylnaphthalene	ND	4.0		µg/L	1	7/12/2016 12:46:00 AM	R35570
2-Methylnaphthalene	ND	4.0		µg/L	1	7/12/2016 12:46:00 AM	R35570
Acetone	ND	10		µg/L	1	7/12/2016 12:46:00 AM	R35570
Bromobenzene	ND	1.0		µg/L	1	7/12/2016 12:46:00 AM	R35570
Bromodichloromethane	ND	1.0		µg/L	1	7/12/2016 12:46:00 AM	R35570
Bromoform	ND	1.0		µg/L	1	7/12/2016 12:46:00 AM	R35570
Bromomethane	ND	3.0		µg/L	1	7/12/2016 12:46:00 AM	R35570
2-Butanone	ND	10		µg/L	1	7/12/2016 12:46:00 AM	R35570
Carbon disulfide	ND	10		µg/L	1	7/12/2016 12:46:00 AM	R35570
Carbon Tetrachloride	ND	1.0		µg/L	1	7/12/2016 12:46:00 AM	R35570
Chlorobenzene	ND	1.0		µg/L	1	7/12/2016 12:46:00 AM	R35570
Chloroethane	ND	2.0		µg/L	1	7/12/2016 12:46:00 AM	R35570
Chloroform	ND	1.0		µg/L	1	7/12/2016 12:46:00 AM	R35570
Chloromethane	ND	3.0		µg/L	1	7/12/2016 12:46:00 AM	R35570
2-Chlorotoluene	ND	1.0		µg/L	1	7/12/2016 12:46:00 AM	R35570
4-Chlorotoluene	ND	1.0		µg/L	1	7/12/2016 12:46:00 AM	R35570
cis-1,2-DCE	22	1.0		µg/L	1	7/12/2016 12:46:00 AM	R35570
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	7/12/2016 12:46:00 AM	R35570
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	7/12/2016 12:46:00 AM	R35570
Dibromochloromethane	ND	1.0		µg/L	1	7/12/2016 12:46:00 AM	R35570
Dibromomethane	ND	1.0		µg/L	1	7/12/2016 12:46:00 AM	R35570
1,2-Dichlorobenzene	ND	1.0		µg/L	1	7/12/2016 12:46:00 AM	R35570
1,3-Dichlorobenzene	ND	1.0		µg/L	1	7/12/2016 12:46:00 AM	R35570
1,4-Dichlorobenzene	ND	1.0		µg/L	1	7/12/2016 12:46:00 AM	R35570
Dichlorodifluoromethane	ND	1.0		µg/L	1	7/12/2016 12:46:00 AM	R35570
1,1-Dichloroethane	ND	1.0		µg/L	1	7/12/2016 12:46:00 AM	R35570
1,1-Dichloroethene	ND	1.0		µg/L	1	7/12/2016 12:46:00 AM	R35570
1,2-Dichloropropane	ND	1.0		µg/L	1	7/12/2016 12:46:00 AM	R35570
1,3-Dichloropropane	ND	1.0		µg/L	1	7/12/2016 12:46:00 AM	R35570
2,2-Dichloropropane	ND	2.0		µg/L	1	7/12/2016 12:46:00 AM	R35570

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Laun-Dry
Lab ID: 1607285-011 **Matrix:** AQUEOUS

Client Sample ID: MW-6H-D
Collection Date: 7/6/2016 9:05:00 AM
Received Date: 7/6/2016 4:39:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
1,1-Dichloropropene	ND	1.0		µg/L	1	7/12/2016 12:46:00 AM	R35570
Hexachlorobutadiene	ND	1.0		µg/L	1	7/12/2016 12:46:00 AM	R35570
2-Hexanone	ND	10		µg/L	1	7/12/2016 12:46:00 AM	R35570
Isopropylbenzene	ND	1.0		µg/L	1	7/12/2016 12:46:00 AM	R35570
4-Isopropyltoluene	ND	1.0		µg/L	1	7/12/2016 12:46:00 AM	R35570
4-Methyl-2-pentanone	ND	10		µg/L	1	7/12/2016 12:46:00 AM	R35570
Methylene Chloride	ND	3.0		µg/L	1	7/12/2016 12:46:00 AM	R35570
n-Butylbenzene	ND	3.0		µg/L	1	7/12/2016 12:46:00 AM	R35570
n-Propylbenzene	ND	1.0		µg/L	1	7/12/2016 12:46:00 AM	R35570
sec-Butylbenzene	ND	1.0		µg/L	1	7/12/2016 12:46:00 AM	R35570
Styrene	ND	1.0		µg/L	1	7/12/2016 12:46:00 AM	R35570
tert-Butylbenzene	ND	1.0		µg/L	1	7/12/2016 12:46:00 AM	R35570
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	7/12/2016 12:46:00 AM	R35570
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	7/12/2016 12:46:00 AM	R35570
Tetrachloroethene (PCE)	2.9	1.0		µg/L	1	7/12/2016 12:46:00 AM	R35570
trans-1,2-DCE	24	1.0		µg/L	1	7/12/2016 12:46:00 AM	R35570
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	7/12/2016 12:46:00 AM	R35570
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	7/12/2016 12:46:00 AM	R35570
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	7/12/2016 12:46:00 AM	R35570
1,1,1-Trichloroethane	ND	1.0		µg/L	1	7/12/2016 12:46:00 AM	R35570
1,1,2-Trichloroethane	ND	1.0		µg/L	1	7/12/2016 12:46:00 AM	R35570
Trichloroethene (TCE)	74	1.0		µg/L	1	7/12/2016 12:46:00 AM	R35570
Trichlorofluoromethane	ND	1.0		µg/L	1	7/12/2016 12:46:00 AM	R35570
1,2,3-Trichloropropane	ND	2.0		µg/L	1	7/12/2016 12:46:00 AM	R35570
Vinyl chloride	ND	1.0		µg/L	1	7/12/2016 12:46:00 AM	R35570
Xylenes, Total	ND	1.5		µg/L	1	7/12/2016 12:46:00 AM	R35570
Surr: 1,2-Dichloroethane-d4	71.8	70-130		%Rec	1	7/12/2016 12:46:00 AM	R35570
Surr: 4-Bromofluorobenzene	89.5	70-130		%Rec	1	7/12/2016 12:46:00 AM	R35570
Surr: Dibromofluoromethane	83.7	70-130		%Rec	1	7/12/2016 12:46:00 AM	R35570
Surr: Toluene-d8	101	70-130		%Rec	1	7/12/2016 12:46:00 AM	R35570

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Laun-Dry
Lab ID: 1607285-012 **Matrix:** AQUEOUS

Client Sample ID: MW-6H-S
Collection Date: 7/6/2016 9:22:00 AM
Received Date: 7/6/2016 4:39:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
Benzene	ND	1.0		µg/L	1	7/12/2016 6:02:00 PM	R35624
Toluene	ND	1.0		µg/L	1	7/12/2016 6:02:00 PM	R35624
Ethylbenzene	ND	1.0		µg/L	1	7/12/2016 6:02:00 PM	R35624
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	7/12/2016 6:02:00 PM	R35624
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	7/12/2016 6:02:00 PM	R35624
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	7/12/2016 6:02:00 PM	R35624
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	7/12/2016 6:02:00 PM	R35624
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	7/12/2016 6:02:00 PM	R35624
Naphthalene	ND	2.0		µg/L	1	7/12/2016 6:02:00 PM	R35624
1-Methylnaphthalene	ND	4.0		µg/L	1	7/12/2016 6:02:00 PM	R35624
2-Methylnaphthalene	ND	4.0		µg/L	1	7/12/2016 6:02:00 PM	R35624
Acetone	ND	10		µg/L	1	7/12/2016 6:02:00 PM	R35624
Bromobenzene	ND	1.0		µg/L	1	7/12/2016 6:02:00 PM	R35624
Bromodichloromethane	ND	1.0		µg/L	1	7/12/2016 6:02:00 PM	R35624
Bromoform	ND	1.0		µg/L	1	7/12/2016 6:02:00 PM	R35624
Bromomethane	ND	3.0		µg/L	1	7/12/2016 6:02:00 PM	R35624
2-Butanone	ND	10		µg/L	1	7/12/2016 6:02:00 PM	R35624
Carbon disulfide	ND	10		µg/L	1	7/12/2016 6:02:00 PM	R35624
Carbon Tetrachloride	ND	1.0		µg/L	1	7/12/2016 6:02:00 PM	R35624
Chlorobenzene	ND	1.0		µg/L	1	7/12/2016 6:02:00 PM	R35624
Chloroethane	ND	2.0		µg/L	1	7/12/2016 6:02:00 PM	R35624
Chloroform	ND	1.0		µg/L	1	7/12/2016 6:02:00 PM	R35624
Chloromethane	ND	3.0		µg/L	1	7/12/2016 6:02:00 PM	R35624
2-Chlorotoluene	ND	1.0		µg/L	1	7/12/2016 6:02:00 PM	R35624
4-Chlorotoluene	ND	1.0		µg/L	1	7/12/2016 6:02:00 PM	R35624
cis-1,2-DCE	60	1.0		µg/L	1	7/12/2016 6:02:00 PM	R35624
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	7/12/2016 6:02:00 PM	R35624
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	7/12/2016 6:02:00 PM	R35624
Dibromochloromethane	ND	1.0		µg/L	1	7/12/2016 6:02:00 PM	R35624
Dibromomethane	ND	1.0		µg/L	1	7/12/2016 6:02:00 PM	R35624
1,2-Dichlorobenzene	ND	1.0		µg/L	1	7/12/2016 6:02:00 PM	R35624
1,3-Dichlorobenzene	ND	1.0		µg/L	1	7/12/2016 6:02:00 PM	R35624
1,4-Dichlorobenzene	ND	1.0		µg/L	1	7/12/2016 6:02:00 PM	R35624
Dichlorodifluoromethane	ND	1.0		µg/L	1	7/12/2016 6:02:00 PM	R35624
1,1-Dichloroethane	ND	1.0		µg/L	1	7/12/2016 6:02:00 PM	R35624
1,1-Dichloroethene	ND	1.0		µg/L	1	7/12/2016 6:02:00 PM	R35624
1,2-Dichloropropane	ND	1.0		µg/L	1	7/12/2016 6:02:00 PM	R35624
1,3-Dichloropropane	ND	1.0		µg/L	1	7/12/2016 6:02:00 PM	R35624
2,2-Dichloropropane	ND	2.0		µg/L	1	7/12/2016 6:02:00 PM	R35624

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Laun-Dry
Lab ID: 1607285-012 **Matrix:** AQUEOUS

Client Sample ID: MW-6H-S
Collection Date: 7/6/2016 9:22:00 AM
Received Date: 7/6/2016 4:39:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
1,1-Dichloropropene	ND	1.0		µg/L	1	7/12/2016 6:02:00 PM	R35624
Hexachlorobutadiene	ND	1.0		µg/L	1	7/12/2016 6:02:00 PM	R35624
2-Hexanone	ND	10		µg/L	1	7/12/2016 6:02:00 PM	R35624
Isopropylbenzene	ND	1.0		µg/L	1	7/12/2016 6:02:00 PM	R35624
4-Isopropyltoluene	ND	1.0		µg/L	1	7/12/2016 6:02:00 PM	R35624
4-Methyl-2-pentanone	ND	10		µg/L	1	7/12/2016 6:02:00 PM	R35624
Methylene Chloride	ND	3.0		µg/L	1	7/12/2016 6:02:00 PM	R35624
n-Butylbenzene	ND	3.0		µg/L	1	7/12/2016 6:02:00 PM	R35624
n-Propylbenzene	ND	1.0		µg/L	1	7/12/2016 6:02:00 PM	R35624
sec-Butylbenzene	ND	1.0		µg/L	1	7/12/2016 6:02:00 PM	R35624
Styrene	ND	1.0		µg/L	1	7/12/2016 6:02:00 PM	R35624
tert-Butylbenzene	ND	1.0		µg/L	1	7/12/2016 6:02:00 PM	R35624
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	7/12/2016 6:02:00 PM	R35624
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	7/12/2016 6:02:00 PM	R35624
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	7/12/2016 6:02:00 PM	R35624
trans-1,2-DCE	71	1.0		µg/L	1	7/12/2016 6:02:00 PM	R35624
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	7/12/2016 6:02:00 PM	R35624
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	7/12/2016 6:02:00 PM	R35624
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	7/12/2016 6:02:00 PM	R35624
1,1,1-Trichloroethane	ND	1.0		µg/L	1	7/12/2016 6:02:00 PM	R35624
1,1,2-Trichloroethane	ND	1.0		µg/L	1	7/12/2016 6:02:00 PM	R35624
Trichloroethene (TCE)	100	10		µg/L	10	7/12/2016 1:09:00 AM	R35570
Trichlorofluoromethane	ND	1.0		µg/L	1	7/12/2016 6:02:00 PM	R35624
1,2,3-Trichloropropane	ND	2.0		µg/L	1	7/12/2016 6:02:00 PM	R35624
Vinyl chloride	ND	1.0		µg/L	1	7/12/2016 6:02:00 PM	R35624
Xylenes, Total	ND	1.5		µg/L	1	7/12/2016 6:02:00 PM	R35624
Surr: 1,2-Dichloroethane-d4	116	70-130		%Rec	1	7/12/2016 6:02:00 PM	R35624
Surr: 4-Bromofluorobenzene	111	70-130		%Rec	1	7/12/2016 6:02:00 PM	R35624
Surr: Dibromofluoromethane	103	70-130		%Rec	1	7/12/2016 6:02:00 PM	R35624
Surr: Toluene-d8	99.3	70-130		%Rec	1	7/12/2016 6:02:00 PM	R35624

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Laun-Dry
Lab ID: 1607285-013 **Matrix:** AQUEOUS

Client Sample ID: BIA-MW-3
Collection Date: 7/6/2016 10:10:00 AM
Received Date: 7/6/2016 4:39:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
Benzene	ND	1.0		µg/L	1	7/12/2016 6:26:00 PM	R35624
Toluene	ND	1.0		µg/L	1	7/12/2016 6:26:00 PM	R35624
Ethylbenzene	ND	1.0		µg/L	1	7/12/2016 6:26:00 PM	R35624
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	7/12/2016 6:26:00 PM	R35624
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	7/12/2016 6:26:00 PM	R35624
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	7/12/2016 6:26:00 PM	R35624
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	7/12/2016 6:26:00 PM	R35624
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	7/12/2016 6:26:00 PM	R35624
Naphthalene	ND	2.0		µg/L	1	7/12/2016 6:26:00 PM	R35624
1-Methylnaphthalene	ND	4.0		µg/L	1	7/12/2016 6:26:00 PM	R35624
2-Methylnaphthalene	ND	4.0		µg/L	1	7/12/2016 6:26:00 PM	R35624
Acetone	ND	10		µg/L	1	7/12/2016 6:26:00 PM	R35624
Bromobenzene	ND	1.0		µg/L	1	7/12/2016 6:26:00 PM	R35624
Bromodichloromethane	ND	1.0		µg/L	1	7/12/2016 6:26:00 PM	R35624
Bromoform	ND	1.0		µg/L	1	7/12/2016 6:26:00 PM	R35624
Bromomethane	ND	3.0		µg/L	1	7/12/2016 6:26:00 PM	R35624
2-Butanone	ND	10		µg/L	1	7/12/2016 6:26:00 PM	R35624
Carbon disulfide	ND	10		µg/L	1	7/12/2016 6:26:00 PM	R35624
Carbon Tetrachloride	ND	1.0		µg/L	1	7/12/2016 6:26:00 PM	R35624
Chlorobenzene	ND	1.0		µg/L	1	7/12/2016 6:26:00 PM	R35624
Chloroethane	ND	2.0		µg/L	1	7/12/2016 6:26:00 PM	R35624
Chloroform	ND	1.0		µg/L	1	7/12/2016 6:26:00 PM	R35624
Chloromethane	ND	3.0		µg/L	1	7/12/2016 6:26:00 PM	R35624
2-Chlorotoluene	ND	1.0		µg/L	1	7/12/2016 6:26:00 PM	R35624
4-Chlorotoluene	ND	1.0		µg/L	1	7/12/2016 6:26:00 PM	R35624
cis-1,2-DCE	ND	1.0		µg/L	1	7/12/2016 6:26:00 PM	R35624
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	7/12/2016 6:26:00 PM	R35624
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	7/12/2016 6:26:00 PM	R35624
Dibromochloromethane	ND	1.0		µg/L	1	7/12/2016 6:26:00 PM	R35624
Dibromomethane	ND	1.0		µg/L	1	7/12/2016 6:26:00 PM	R35624
1,2-Dichlorobenzene	ND	1.0		µg/L	1	7/12/2016 6:26:00 PM	R35624
1,3-Dichlorobenzene	ND	1.0		µg/L	1	7/12/2016 6:26:00 PM	R35624
1,4-Dichlorobenzene	ND	1.0		µg/L	1	7/12/2016 6:26:00 PM	R35624
Dichlorodifluoromethane	ND	1.0		µg/L	1	7/12/2016 6:26:00 PM	R35624
1,1-Dichloroethane	ND	1.0		µg/L	1	7/12/2016 6:26:00 PM	R35624
1,1-Dichloroethene	ND	1.0		µg/L	1	7/12/2016 6:26:00 PM	R35624
1,2-Dichloropropane	ND	1.0		µg/L	1	7/12/2016 6:26:00 PM	R35624
1,3-Dichloropropane	ND	1.0		µg/L	1	7/12/2016 6:26:00 PM	R35624
2,2-Dichloropropane	ND	2.0		µg/L	1	7/12/2016 6:26:00 PM	R35624

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Laun-Dry
Lab ID: 1607285-013 **Matrix:** AQUEOUS

Client Sample ID: BIA-MW-3
Collection Date: 7/6/2016 10:10:00 AM
Received Date: 7/6/2016 4:39:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
1,1-Dichloropropene	ND	1.0		µg/L	1	7/12/2016 6:26:00 PM	R35624
Hexachlorobutadiene	ND	1.0		µg/L	1	7/12/2016 6:26:00 PM	R35624
2-Hexanone	ND	10		µg/L	1	7/12/2016 6:26:00 PM	R35624
Isopropylbenzene	ND	1.0		µg/L	1	7/12/2016 6:26:00 PM	R35624
4-Isopropyltoluene	ND	1.0		µg/L	1	7/12/2016 6:26:00 PM	R35624
4-Methyl-2-pentanone	ND	10		µg/L	1	7/12/2016 6:26:00 PM	R35624
Methylene Chloride	ND	3.0		µg/L	1	7/12/2016 6:26:00 PM	R35624
n-Butylbenzene	ND	3.0		µg/L	1	7/12/2016 6:26:00 PM	R35624
n-Propylbenzene	ND	1.0		µg/L	1	7/12/2016 6:26:00 PM	R35624
sec-Butylbenzene	ND	1.0		µg/L	1	7/12/2016 6:26:00 PM	R35624
Styrene	ND	1.0		µg/L	1	7/12/2016 6:26:00 PM	R35624
tert-Butylbenzene	ND	1.0		µg/L	1	7/12/2016 6:26:00 PM	R35624
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	7/12/2016 6:26:00 PM	R35624
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	7/12/2016 6:26:00 PM	R35624
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	7/12/2016 6:26:00 PM	R35624
trans-1,2-DCE	ND	1.0		µg/L	1	7/12/2016 6:26:00 PM	R35624
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	7/12/2016 6:26:00 PM	R35624
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	7/12/2016 6:26:00 PM	R35624
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	7/12/2016 6:26:00 PM	R35624
1,1,1-Trichloroethane	ND	1.0		µg/L	1	7/12/2016 6:26:00 PM	R35624
1,1,2-Trichloroethane	ND	1.0		µg/L	1	7/12/2016 6:26:00 PM	R35624
Trichloroethene (TCE)	ND	1.0		µg/L	1	7/12/2016 6:26:00 PM	R35624
Trichlorofluoromethane	ND	1.0		µg/L	1	7/12/2016 6:26:00 PM	R35624
1,2,3-Trichloropropane	ND	2.0		µg/L	1	7/12/2016 6:26:00 PM	R35624
Vinyl chloride	ND	1.0		µg/L	1	7/12/2016 6:26:00 PM	R35624
Xylenes, Total	ND	1.5		µg/L	1	7/12/2016 6:26:00 PM	R35624
Surr: 1,2-Dichloroethane-d4	113	70-130		%Rec	1	7/12/2016 6:26:00 PM	R35624
Surr: 4-Bromofluorobenzene	110	70-130		%Rec	1	7/12/2016 6:26:00 PM	R35624
Surr: Dibromofluoromethane	98.5	70-130		%Rec	1	7/12/2016 6:26:00 PM	R35624
Surr: Toluene-d8	99.7	70-130		%Rec	1	7/12/2016 6:26:00 PM	R35624

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Laun-Dry
Lab ID: 1607285-014 **Matrix:** AQUEOUS

Client Sample ID: MW-6D
Collection Date: 7/6/2016 10:44:00 AM
Received Date: 7/6/2016 4:39:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
Benzene	ND	1.0		µg/L	1	7/12/2016 6:49:00 PM	R35624
Toluene	ND	1.0		µg/L	1	7/12/2016 6:49:00 PM	R35624
Ethylbenzene	ND	1.0		µg/L	1	7/12/2016 6:49:00 PM	R35624
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	7/12/2016 6:49:00 PM	R35624
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	7/12/2016 6:49:00 PM	R35624
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	7/12/2016 6:49:00 PM	R35624
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	7/12/2016 6:49:00 PM	R35624
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	7/12/2016 6:49:00 PM	R35624
Naphthalene	ND	2.0		µg/L	1	7/12/2016 6:49:00 PM	R35624
1-Methylnaphthalene	ND	4.0		µg/L	1	7/12/2016 6:49:00 PM	R35624
2-Methylnaphthalene	ND	4.0		µg/L	1	7/12/2016 6:49:00 PM	R35624
Acetone	ND	10		µg/L	1	7/12/2016 6:49:00 PM	R35624
Bromobenzene	ND	1.0		µg/L	1	7/12/2016 6:49:00 PM	R35624
Bromodichloromethane	ND	1.0		µg/L	1	7/12/2016 6:49:00 PM	R35624
Bromoform	ND	1.0		µg/L	1	7/12/2016 6:49:00 PM	R35624
Bromomethane	ND	3.0		µg/L	1	7/12/2016 6:49:00 PM	R35624
2-Butanone	ND	10		µg/L	1	7/12/2016 6:49:00 PM	R35624
Carbon disulfide	ND	10		µg/L	1	7/12/2016 6:49:00 PM	R35624
Carbon Tetrachloride	ND	1.0		µg/L	1	7/12/2016 6:49:00 PM	R35624
Chlorobenzene	ND	1.0		µg/L	1	7/12/2016 6:49:00 PM	R35624
Chloroethane	ND	2.0		µg/L	1	7/12/2016 6:49:00 PM	R35624
Chloroform	ND	1.0		µg/L	1	7/12/2016 6:49:00 PM	R35624
Chloromethane	ND	3.0		µg/L	1	7/12/2016 6:49:00 PM	R35624
2-Chlorotoluene	ND	1.0		µg/L	1	7/12/2016 6:49:00 PM	R35624
4-Chlorotoluene	ND	1.0		µg/L	1	7/12/2016 6:49:00 PM	R35624
cis-1,2-DCE	ND	1.0		µg/L	1	7/12/2016 6:49:00 PM	R35624
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	7/12/2016 6:49:00 PM	R35624
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	7/12/2016 6:49:00 PM	R35624
Dibromochloromethane	ND	1.0		µg/L	1	7/12/2016 6:49:00 PM	R35624
Dibromomethane	ND	1.0		µg/L	1	7/12/2016 6:49:00 PM	R35624
1,2-Dichlorobenzene	ND	1.0		µg/L	1	7/12/2016 6:49:00 PM	R35624
1,3-Dichlorobenzene	ND	1.0		µg/L	1	7/12/2016 6:49:00 PM	R35624
1,4-Dichlorobenzene	ND	1.0		µg/L	1	7/12/2016 6:49:00 PM	R35624
Dichlorodifluoromethane	ND	1.0		µg/L	1	7/12/2016 6:49:00 PM	R35624
1,1-Dichloroethane	ND	1.0		µg/L	1	7/12/2016 6:49:00 PM	R35624
1,1-Dichloroethene	ND	1.0		µg/L	1	7/12/2016 6:49:00 PM	R35624
1,2-Dichloropropane	ND	1.0		µg/L	1	7/12/2016 6:49:00 PM	R35624
1,3-Dichloropropane	ND	1.0		µg/L	1	7/12/2016 6:49:00 PM	R35624
2,2-Dichloropropane	ND	2.0		µg/L	1	7/12/2016 6:49:00 PM	R35624

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Laun-Dry
Lab ID: 1607285-014 **Matrix:** AQUEOUS

Client Sample ID: MW-6D
Collection Date: 7/6/2016 10:44:00 AM
Received Date: 7/6/2016 4:39:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
1,1-Dichloropropene	ND	1.0		µg/L	1	7/12/2016 6:49:00 PM	R35624
Hexachlorobutadiene	ND	1.0		µg/L	1	7/12/2016 6:49:00 PM	R35624
2-Hexanone	ND	10		µg/L	1	7/12/2016 6:49:00 PM	R35624
Isopropylbenzene	ND	1.0		µg/L	1	7/12/2016 6:49:00 PM	R35624
4-Isopropyltoluene	ND	1.0		µg/L	1	7/12/2016 6:49:00 PM	R35624
4-Methyl-2-pentanone	ND	10		µg/L	1	7/12/2016 6:49:00 PM	R35624
Methylene Chloride	ND	3.0		µg/L	1	7/12/2016 6:49:00 PM	R35624
n-Butylbenzene	ND	3.0		µg/L	1	7/12/2016 6:49:00 PM	R35624
n-Propylbenzene	ND	1.0		µg/L	1	7/12/2016 6:49:00 PM	R35624
sec-Butylbenzene	ND	1.0		µg/L	1	7/12/2016 6:49:00 PM	R35624
Styrene	ND	1.0		µg/L	1	7/12/2016 6:49:00 PM	R35624
tert-Butylbenzene	ND	1.0		µg/L	1	7/12/2016 6:49:00 PM	R35624
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	7/12/2016 6:49:00 PM	R35624
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	7/12/2016 6:49:00 PM	R35624
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	7/12/2016 6:49:00 PM	R35624
trans-1,2-DCE	ND	1.0		µg/L	1	7/12/2016 6:49:00 PM	R35624
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	7/12/2016 6:49:00 PM	R35624
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	7/12/2016 6:49:00 PM	R35624
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	7/12/2016 6:49:00 PM	R35624
1,1,1-Trichloroethane	ND	1.0		µg/L	1	7/12/2016 6:49:00 PM	R35624
1,1,2-Trichloroethane	ND	1.0		µg/L	1	7/12/2016 6:49:00 PM	R35624
Trichloroethene (TCE)	3.7	1.0		µg/L	1	7/12/2016 6:49:00 PM	R35624
Trichlorofluoromethane	ND	1.0		µg/L	1	7/12/2016 6:49:00 PM	R35624
1,2,3-Trichloropropane	ND	2.0		µg/L	1	7/12/2016 6:49:00 PM	R35624
Vinyl chloride	ND	1.0		µg/L	1	7/12/2016 6:49:00 PM	R35624
Xylenes, Total	ND	1.5		µg/L	1	7/12/2016 6:49:00 PM	R35624
Surr: 1,2-Dichloroethane-d4	115	70-130		%Rec	1	7/12/2016 6:49:00 PM	R35624
Surr: 4-Bromofluorobenzene	107	70-130		%Rec	1	7/12/2016 6:49:00 PM	R35624
Surr: Dibromofluoromethane	104	70-130		%Rec	1	7/12/2016 6:49:00 PM	R35624
Surr: Toluene-d8	99.5	70-130		%Rec	1	7/12/2016 6:49:00 PM	R35624

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Laun-Dry
Lab ID: 1607285-015 **Matrix:** AQUEOUS

Client Sample ID: NEW BIA-E MW
Collection Date: 7/6/2016 11:10:00 AM
Received Date: 7/6/2016 4:39:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
Benzene	ND	1.0		µg/L	1	7/12/2016 7:13:00 PM	R35624
Toluene	ND	1.0		µg/L	1	7/12/2016 7:13:00 PM	R35624
Ethylbenzene	ND	1.0		µg/L	1	7/12/2016 7:13:00 PM	R35624
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	7/12/2016 7:13:00 PM	R35624
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	7/12/2016 7:13:00 PM	R35624
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	7/12/2016 7:13:00 PM	R35624
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	7/12/2016 7:13:00 PM	R35624
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	7/12/2016 7:13:00 PM	R35624
Naphthalene	ND	2.0		µg/L	1	7/12/2016 7:13:00 PM	R35624
1-Methylnaphthalene	ND	4.0		µg/L	1	7/12/2016 7:13:00 PM	R35624
2-Methylnaphthalene	ND	4.0		µg/L	1	7/12/2016 7:13:00 PM	R35624
Acetone	ND	10		µg/L	1	7/12/2016 7:13:00 PM	R35624
Bromobenzene	ND	1.0		µg/L	1	7/12/2016 7:13:00 PM	R35624
Bromodichloromethane	ND	1.0		µg/L	1	7/12/2016 7:13:00 PM	R35624
Bromoform	ND	1.0		µg/L	1	7/12/2016 7:13:00 PM	R35624
Bromomethane	ND	3.0		µg/L	1	7/12/2016 7:13:00 PM	R35624
2-Butanone	ND	10		µg/L	1	7/12/2016 7:13:00 PM	R35624
Carbon disulfide	ND	10		µg/L	1	7/12/2016 7:13:00 PM	R35624
Carbon Tetrachloride	ND	1.0		µg/L	1	7/12/2016 7:13:00 PM	R35624
Chlorobenzene	ND	1.0		µg/L	1	7/12/2016 7:13:00 PM	R35624
Chloroethane	ND	2.0		µg/L	1	7/12/2016 7:13:00 PM	R35624
Chloroform	ND	1.0		µg/L	1	7/12/2016 7:13:00 PM	R35624
Chloromethane	ND	3.0		µg/L	1	7/12/2016 7:13:00 PM	R35624
2-Chlorotoluene	ND	1.0		µg/L	1	7/12/2016 7:13:00 PM	R35624
4-Chlorotoluene	ND	1.0		µg/L	1	7/12/2016 7:13:00 PM	R35624
cis-1,2-DCE	39	1.0		µg/L	1	7/12/2016 7:13:00 PM	R35624
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	7/12/2016 7:13:00 PM	R35624
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	7/12/2016 7:13:00 PM	R35624
Dibromochloromethane	ND	1.0		µg/L	1	7/12/2016 7:13:00 PM	R35624
Dibromomethane	ND	1.0		µg/L	1	7/12/2016 7:13:00 PM	R35624
1,2-Dichlorobenzene	ND	1.0		µg/L	1	7/12/2016 7:13:00 PM	R35624
1,3-Dichlorobenzene	ND	1.0		µg/L	1	7/12/2016 7:13:00 PM	R35624
1,4-Dichlorobenzene	ND	1.0		µg/L	1	7/12/2016 7:13:00 PM	R35624
Dichlorodifluoromethane	ND	1.0		µg/L	1	7/12/2016 7:13:00 PM	R35624
1,1-Dichloroethane	ND	1.0		µg/L	1	7/12/2016 7:13:00 PM	R35624
1,1-Dichloroethene	ND	1.0		µg/L	1	7/12/2016 7:13:00 PM	R35624
1,2-Dichloropropane	ND	1.0		µg/L	1	7/12/2016 7:13:00 PM	R35624
1,3-Dichloropropane	ND	1.0		µg/L	1	7/12/2016 7:13:00 PM	R35624
2,2-Dichloropropane	ND	2.0		µg/L	1	7/12/2016 7:13:00 PM	R35624

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Laun-Dry
Lab ID: 1607285-015 **Matrix:** AQUEOUS

Client Sample ID: NEW BIA-E MW
Collection Date: 7/6/2016 11:10:00 AM
Received Date: 7/6/2016 4:39:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
1,1-Dichloropropene	ND	1.0		µg/L	1	7/12/2016 7:13:00 PM	R35624
Hexachlorobutadiene	ND	1.0		µg/L	1	7/12/2016 7:13:00 PM	R35624
2-Hexanone	ND	10		µg/L	1	7/12/2016 7:13:00 PM	R35624
Isopropylbenzene	ND	1.0		µg/L	1	7/12/2016 7:13:00 PM	R35624
4-Isopropyltoluene	ND	1.0		µg/L	1	7/12/2016 7:13:00 PM	R35624
4-Methyl-2-pentanone	ND	10		µg/L	1	7/12/2016 7:13:00 PM	R35624
Methylene Chloride	ND	3.0		µg/L	1	7/12/2016 7:13:00 PM	R35624
n-Butylbenzene	ND	3.0		µg/L	1	7/12/2016 7:13:00 PM	R35624
n-Propylbenzene	ND	1.0		µg/L	1	7/12/2016 7:13:00 PM	R35624
sec-Butylbenzene	ND	1.0		µg/L	1	7/12/2016 7:13:00 PM	R35624
Styrene	ND	1.0		µg/L	1	7/12/2016 7:13:00 PM	R35624
tert-Butylbenzene	ND	1.0		µg/L	1	7/12/2016 7:13:00 PM	R35624
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	7/12/2016 7:13:00 PM	R35624
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	7/12/2016 7:13:00 PM	R35624
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	7/12/2016 7:13:00 PM	R35624
trans-1,2-DCE	52	1.0		µg/L	1	7/12/2016 7:13:00 PM	R35624
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	7/12/2016 7:13:00 PM	R35624
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	7/12/2016 7:13:00 PM	R35624
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	7/12/2016 7:13:00 PM	R35624
1,1,1-Trichloroethane	ND	1.0		µg/L	1	7/12/2016 7:13:00 PM	R35624
1,1,2-Trichloroethane	ND	1.0		µg/L	1	7/12/2016 7:13:00 PM	R35624
Trichloroethene (TCE)	46	1.0		µg/L	1	7/12/2016 7:13:00 PM	R35624
Trichlorofluoromethane	ND	1.0		µg/L	1	7/12/2016 7:13:00 PM	R35624
1,2,3-Trichloropropane	ND	2.0		µg/L	1	7/12/2016 7:13:00 PM	R35624
Vinyl chloride	ND	1.0		µg/L	1	7/12/2016 7:13:00 PM	R35624
Xylenes, Total	ND	1.5		µg/L	1	7/12/2016 7:13:00 PM	R35624
Surr: 1,2-Dichloroethane-d4	112	70-130		%Rec	1	7/12/2016 7:13:00 PM	R35624
Surr: 4-Bromofluorobenzene	111	70-130		%Rec	1	7/12/2016 7:13:00 PM	R35624
Surr: Dibromofluoromethane	103	70-130		%Rec	1	7/12/2016 7:13:00 PM	R35624
Surr: Toluene-d8	99.3	70-130		%Rec	1	7/12/2016 7:13:00 PM	R35624

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Laun-Dry
Lab ID: 1607285-016 **Matrix:** AQUEOUS

Client Sample ID: CHMW-E
Collection Date: 7/6/2016 12:20:00 PM
Received Date: 7/6/2016 4:39:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
Benzene	ND	1.0		µg/L	1	7/12/2016 7:36:00 PM	R35624
Toluene	ND	1.0		µg/L	1	7/12/2016 7:36:00 PM	R35624
Ethylbenzene	ND	1.0		µg/L	1	7/12/2016 7:36:00 PM	R35624
Methyl tert-butyl ether (MTBE)	6.9	1.0		µg/L	1	7/12/2016 7:36:00 PM	R35624
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	7/12/2016 7:36:00 PM	R35624
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	7/12/2016 7:36:00 PM	R35624
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	7/12/2016 7:36:00 PM	R35624
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	7/12/2016 7:36:00 PM	R35624
Naphthalene	ND	2.0		µg/L	1	7/12/2016 7:36:00 PM	R35624
1-Methylnaphthalene	ND	4.0		µg/L	1	7/12/2016 7:36:00 PM	R35624
2-Methylnaphthalene	ND	4.0		µg/L	1	7/12/2016 7:36:00 PM	R35624
Acetone	ND	10		µg/L	1	7/12/2016 7:36:00 PM	R35624
Bromobenzene	ND	1.0		µg/L	1	7/12/2016 7:36:00 PM	R35624
Bromodichloromethane	ND	1.0		µg/L	1	7/12/2016 7:36:00 PM	R35624
Bromoform	ND	1.0		µg/L	1	7/12/2016 7:36:00 PM	R35624
Bromomethane	ND	3.0		µg/L	1	7/12/2016 7:36:00 PM	R35624
2-Butanone	ND	10		µg/L	1	7/12/2016 7:36:00 PM	R35624
Carbon disulfide	ND	10		µg/L	1	7/12/2016 7:36:00 PM	R35624
Carbon Tetrachloride	ND	1.0		µg/L	1	7/12/2016 7:36:00 PM	R35624
Chlorobenzene	ND	1.0		µg/L	1	7/12/2016 7:36:00 PM	R35624
Chloroethane	ND	2.0		µg/L	1	7/12/2016 7:36:00 PM	R35624
Chloroform	ND	1.0		µg/L	1	7/12/2016 7:36:00 PM	R35624
Chloromethane	ND	3.0		µg/L	1	7/12/2016 7:36:00 PM	R35624
2-Chlorotoluene	ND	1.0		µg/L	1	7/12/2016 7:36:00 PM	R35624
4-Chlorotoluene	ND	1.0		µg/L	1	7/12/2016 7:36:00 PM	R35624
cis-1,2-DCE	2.5	1.0		µg/L	1	7/12/2016 7:36:00 PM	R35624
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	7/12/2016 7:36:00 PM	R35624
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	7/12/2016 7:36:00 PM	R35624
Dibromochloromethane	ND	1.0		µg/L	1	7/12/2016 7:36:00 PM	R35624
Dibromomethane	ND	1.0		µg/L	1	7/12/2016 7:36:00 PM	R35624
1,2-Dichlorobenzene	ND	1.0		µg/L	1	7/12/2016 7:36:00 PM	R35624
1,3-Dichlorobenzene	ND	1.0		µg/L	1	7/12/2016 7:36:00 PM	R35624
1,4-Dichlorobenzene	ND	1.0		µg/L	1	7/12/2016 7:36:00 PM	R35624
Dichlorodifluoromethane	ND	1.0		µg/L	1	7/12/2016 7:36:00 PM	R35624
1,1-Dichloroethane	ND	1.0		µg/L	1	7/12/2016 7:36:00 PM	R35624
1,1-Dichloroethene	ND	1.0		µg/L	1	7/12/2016 7:36:00 PM	R35624
1,2-Dichloropropane	ND	1.0		µg/L	1	7/12/2016 7:36:00 PM	R35624
1,3-Dichloropropane	ND	1.0		µg/L	1	7/12/2016 7:36:00 PM	R35624
2,2-Dichloropropane	ND	2.0		µg/L	1	7/12/2016 7:36:00 PM	R35624

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Laun-Dry
Lab ID: 1607285-016 **Matrix:** AQUEOUS

Client Sample ID: CHMW-E
Collection Date: 7/6/2016 12:20:00 PM
Received Date: 7/6/2016 4:39:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
1,1-Dichloropropene	ND	1.0		µg/L	1	7/12/2016 7:36:00 PM	R35624
Hexachlorobutadiene	ND	1.0		µg/L	1	7/12/2016 7:36:00 PM	R35624
2-Hexanone	ND	10		µg/L	1	7/12/2016 7:36:00 PM	R35624
Isopropylbenzene	ND	1.0		µg/L	1	7/12/2016 7:36:00 PM	R35624
4-Isopropyltoluene	ND	1.0		µg/L	1	7/12/2016 7:36:00 PM	R35624
4-Methyl-2-pentanone	ND	10		µg/L	1	7/12/2016 7:36:00 PM	R35624
Methylene Chloride	ND	3.0		µg/L	1	7/12/2016 7:36:00 PM	R35624
n-Butylbenzene	ND	3.0		µg/L	1	7/12/2016 7:36:00 PM	R35624
n-Propylbenzene	ND	1.0		µg/L	1	7/12/2016 7:36:00 PM	R35624
sec-Butylbenzene	ND	1.0		µg/L	1	7/12/2016 7:36:00 PM	R35624
Styrene	ND	1.0		µg/L	1	7/12/2016 7:36:00 PM	R35624
tert-Butylbenzene	ND	1.0		µg/L	1	7/12/2016 7:36:00 PM	R35624
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	7/12/2016 7:36:00 PM	R35624
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	7/12/2016 7:36:00 PM	R35624
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	7/12/2016 7:36:00 PM	R35624
trans-1,2-DCE	ND	1.0		µg/L	1	7/12/2016 7:36:00 PM	R35624
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	7/12/2016 7:36:00 PM	R35624
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	7/12/2016 7:36:00 PM	R35624
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	7/12/2016 7:36:00 PM	R35624
1,1,1-Trichloroethane	ND	1.0		µg/L	1	7/12/2016 7:36:00 PM	R35624
1,1,2-Trichloroethane	ND	1.0		µg/L	1	7/12/2016 7:36:00 PM	R35624
Trichloroethene (TCE)	5.2	1.0		µg/L	1	7/12/2016 7:36:00 PM	R35624
Trichlorofluoromethane	ND	1.0		µg/L	1	7/12/2016 7:36:00 PM	R35624
1,2,3-Trichloropropane	ND	2.0		µg/L	1	7/12/2016 7:36:00 PM	R35624
Vinyl chloride	ND	1.0		µg/L	1	7/12/2016 7:36:00 PM	R35624
Xylenes, Total	ND	1.5		µg/L	1	7/12/2016 7:36:00 PM	R35624
Surr: 1,2-Dichloroethane-d4	116	70-130		%Rec	1	7/12/2016 7:36:00 PM	R35624
Surr: 4-Bromofluorobenzene	108	70-130		%Rec	1	7/12/2016 7:36:00 PM	R35624
Surr: Dibromofluoromethane	104	70-130		%Rec	1	7/12/2016 7:36:00 PM	R35624
Surr: Toluene-d8	99.4	70-130		%Rec	1	7/12/2016 7:36:00 PM	R35624

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Laun-Dry
Lab ID: 1607285-017 **Matrix:** AQUEOUS

Client Sample ID: MW-6G
Collection Date: 7/6/2016 1:55:00 PM
Received Date: 7/6/2016 4:39:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
Benzene	ND	1.0		µg/L	1	7/12/2016 7:59:00 PM	R35624
Toluene	ND	1.0		µg/L	1	7/12/2016 7:59:00 PM	R35624
Ethylbenzene	ND	1.0		µg/L	1	7/12/2016 7:59:00 PM	R35624
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	7/12/2016 7:59:00 PM	R35624
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	7/12/2016 7:59:00 PM	R35624
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	7/12/2016 7:59:00 PM	R35624
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	7/12/2016 7:59:00 PM	R35624
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	7/12/2016 7:59:00 PM	R35624
Naphthalene	ND	2.0		µg/L	1	7/12/2016 7:59:00 PM	R35624
1-Methylnaphthalene	ND	4.0		µg/L	1	7/12/2016 7:59:00 PM	R35624
2-Methylnaphthalene	ND	4.0		µg/L	1	7/12/2016 7:59:00 PM	R35624
Acetone	ND	10		µg/L	1	7/12/2016 7:59:00 PM	R35624
Bromobenzene	ND	1.0		µg/L	1	7/12/2016 7:59:00 PM	R35624
Bromodichloromethane	ND	1.0		µg/L	1	7/12/2016 7:59:00 PM	R35624
Bromoform	ND	1.0		µg/L	1	7/12/2016 7:59:00 PM	R35624
Bromomethane	ND	3.0		µg/L	1	7/12/2016 7:59:00 PM	R35624
2-Butanone	ND	10		µg/L	1	7/12/2016 7:59:00 PM	R35624
Carbon disulfide	ND	10		µg/L	1	7/12/2016 7:59:00 PM	R35624
Carbon Tetrachloride	ND	1.0		µg/L	1	7/12/2016 7:59:00 PM	R35624
Chlorobenzene	ND	1.0		µg/L	1	7/12/2016 7:59:00 PM	R35624
Chloroethane	ND	2.0		µg/L	1	7/12/2016 7:59:00 PM	R35624
Chloroform	ND	1.0		µg/L	1	7/12/2016 7:59:00 PM	R35624
Chloromethane	ND	3.0		µg/L	1	7/12/2016 7:59:00 PM	R35624
2-Chlorotoluene	ND	1.0		µg/L	1	7/12/2016 7:59:00 PM	R35624
4-Chlorotoluene	ND	1.0		µg/L	1	7/12/2016 7:59:00 PM	R35624
cis-1,2-DCE	83	1.0		µg/L	1	7/12/2016 7:59:00 PM	R35624
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	7/12/2016 7:59:00 PM	R35624
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	7/12/2016 7:59:00 PM	R35624
Dibromochloromethane	ND	1.0		µg/L	1	7/12/2016 7:59:00 PM	R35624
Dibromomethane	ND	1.0		µg/L	1	7/12/2016 7:59:00 PM	R35624
1,2-Dichlorobenzene	ND	1.0		µg/L	1	7/12/2016 7:59:00 PM	R35624
1,3-Dichlorobenzene	ND	1.0		µg/L	1	7/12/2016 7:59:00 PM	R35624
1,4-Dichlorobenzene	ND	1.0		µg/L	1	7/12/2016 7:59:00 PM	R35624
Dichlorodifluoromethane	ND	1.0		µg/L	1	7/12/2016 7:59:00 PM	R35624
1,1-Dichloroethane	ND	1.0		µg/L	1	7/12/2016 7:59:00 PM	R35624
1,1-Dichloroethene	ND	1.0		µg/L	1	7/12/2016 7:59:00 PM	R35624
1,2-Dichloropropane	ND	1.0		µg/L	1	7/12/2016 7:59:00 PM	R35624
1,3-Dichloropropane	ND	1.0		µg/L	1	7/12/2016 7:59:00 PM	R35624
2,2-Dichloropropane	ND	2.0		µg/L	1	7/12/2016 7:59:00 PM	R35624

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Laun-Dry
Lab ID: 1607285-017 **Matrix:** AQUEOUS

Client Sample ID: MW-6G
Collection Date: 7/6/2016 1:55:00 PM
Received Date: 7/6/2016 4:39:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
1,1-Dichloropropene	ND	1.0		µg/L	1	7/12/2016 7:59:00 PM	R35624
Hexachlorobutadiene	ND	1.0		µg/L	1	7/12/2016 7:59:00 PM	R35624
2-Hexanone	ND	10		µg/L	1	7/12/2016 7:59:00 PM	R35624
Isopropylbenzene	ND	1.0		µg/L	1	7/12/2016 7:59:00 PM	R35624
4-Isopropyltoluene	ND	1.0		µg/L	1	7/12/2016 7:59:00 PM	R35624
4-Methyl-2-pentanone	ND	10		µg/L	1	7/12/2016 7:59:00 PM	R35624
Methylene Chloride	ND	3.0		µg/L	1	7/12/2016 7:59:00 PM	R35624
n-Butylbenzene	ND	3.0		µg/L	1	7/12/2016 7:59:00 PM	R35624
n-Propylbenzene	ND	1.0		µg/L	1	7/12/2016 7:59:00 PM	R35624
sec-Butylbenzene	ND	1.0		µg/L	1	7/12/2016 7:59:00 PM	R35624
Styrene	ND	1.0		µg/L	1	7/12/2016 7:59:00 PM	R35624
tert-Butylbenzene	ND	1.0		µg/L	1	7/12/2016 7:59:00 PM	R35624
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	7/12/2016 7:59:00 PM	R35624
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	7/12/2016 7:59:00 PM	R35624
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	7/12/2016 7:59:00 PM	R35624
trans-1,2-DCE	95	10		µg/L	10	7/14/2016 11:56:00 AM	R35696
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	7/12/2016 7:59:00 PM	R35624
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	7/12/2016 7:59:00 PM	R35624
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	7/12/2016 7:59:00 PM	R35624
1,1,1-Trichloroethane	ND	1.0		µg/L	1	7/12/2016 7:59:00 PM	R35624
1,1,2-Trichloroethane	ND	1.0		µg/L	1	7/12/2016 7:59:00 PM	R35624
Trichloroethene (TCE)	110	10		µg/L	10	7/14/2016 11:56:00 AM	R35696
Trichlorofluoromethane	ND	1.0		µg/L	1	7/12/2016 7:59:00 PM	R35624
1,2,3-Trichloropropane	ND	2.0		µg/L	1	7/12/2016 7:59:00 PM	R35624
Vinyl chloride	ND	1.0		µg/L	1	7/12/2016 7:59:00 PM	R35624
Xylenes, Total	ND	1.5		µg/L	1	7/12/2016 7:59:00 PM	R35624
Surr: 1,2-Dichloroethane-d4	117	70-130		%Rec	1	7/12/2016 7:59:00 PM	R35624
Surr: 4-Bromofluorobenzene	110	70-130		%Rec	1	7/12/2016 7:59:00 PM	R35624
Surr: Dibromofluoromethane	101	70-130		%Rec	1	7/12/2016 7:59:00 PM	R35624
Surr: Toluene-d8	98.8	70-130		%Rec	1	7/12/2016 7:59:00 PM	R35624

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Laun-Dry
Lab ID: 1607285-018 **Matrix:** AQUEOUS

Client Sample ID: SVE-1
Collection Date: 7/6/2016 2:45:00 PM
Received Date: 7/6/2016 4:39:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
Benzene	ND	1.0		µg/L	1	7/12/2016 8:23:00 PM	R35624
Toluene	ND	1.0		µg/L	1	7/12/2016 8:23:00 PM	R35624
Ethylbenzene	ND	1.0		µg/L	1	7/12/2016 8:23:00 PM	R35624
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	7/12/2016 8:23:00 PM	R35624
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	7/12/2016 8:23:00 PM	R35624
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	7/12/2016 8:23:00 PM	R35624
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	7/12/2016 8:23:00 PM	R35624
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	7/12/2016 8:23:00 PM	R35624
Naphthalene	ND	2.0		µg/L	1	7/12/2016 8:23:00 PM	R35624
1-Methylnaphthalene	ND	4.0		µg/L	1	7/12/2016 8:23:00 PM	R35624
2-Methylnaphthalene	ND	4.0		µg/L	1	7/12/2016 8:23:00 PM	R35624
Acetone	ND	10		µg/L	1	7/12/2016 8:23:00 PM	R35624
Bromobenzene	ND	1.0		µg/L	1	7/12/2016 8:23:00 PM	R35624
Bromodichloromethane	ND	1.0		µg/L	1	7/12/2016 8:23:00 PM	R35624
Bromoform	ND	1.0		µg/L	1	7/12/2016 8:23:00 PM	R35624
Bromomethane	ND	3.0		µg/L	1	7/12/2016 8:23:00 PM	R35624
2-Butanone	ND	10		µg/L	1	7/12/2016 8:23:00 PM	R35624
Carbon disulfide	ND	10		µg/L	1	7/12/2016 8:23:00 PM	R35624
Carbon Tetrachloride	ND	1.0		µg/L	1	7/12/2016 8:23:00 PM	R35624
Chlorobenzene	ND	1.0		µg/L	1	7/12/2016 8:23:00 PM	R35624
Chloroethane	ND	2.0		µg/L	1	7/12/2016 8:23:00 PM	R35624
Chloroform	ND	1.0		µg/L	1	7/12/2016 8:23:00 PM	R35624
Chloromethane	ND	3.0		µg/L	1	7/12/2016 8:23:00 PM	R35624
2-Chlorotoluene	ND	1.0		µg/L	1	7/12/2016 8:23:00 PM	R35624
4-Chlorotoluene	ND	1.0		µg/L	1	7/12/2016 8:23:00 PM	R35624
cis-1,2-DCE	2.0	1.0		µg/L	1	7/12/2016 8:23:00 PM	R35624
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	7/12/2016 8:23:00 PM	R35624
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	7/12/2016 8:23:00 PM	R35624
Dibromochloromethane	ND	1.0		µg/L	1	7/12/2016 8:23:00 PM	R35624
Dibromomethane	ND	1.0		µg/L	1	7/12/2016 8:23:00 PM	R35624
1,2-Dichlorobenzene	ND	1.0		µg/L	1	7/12/2016 8:23:00 PM	R35624
1,3-Dichlorobenzene	ND	1.0		µg/L	1	7/12/2016 8:23:00 PM	R35624
1,4-Dichlorobenzene	ND	1.0		µg/L	1	7/12/2016 8:23:00 PM	R35624
Dichlorodifluoromethane	ND	1.0		µg/L	1	7/12/2016 8:23:00 PM	R35624
1,1-Dichloroethane	ND	1.0		µg/L	1	7/12/2016 8:23:00 PM	R35624
1,1-Dichloroethene	ND	1.0		µg/L	1	7/12/2016 8:23:00 PM	R35624
1,2-Dichloropropane	ND	1.0		µg/L	1	7/12/2016 8:23:00 PM	R35624
1,3-Dichloropropane	ND	1.0		µg/L	1	7/12/2016 8:23:00 PM	R35624
2,2-Dichloropropane	ND	2.0		µg/L	1	7/12/2016 8:23:00 PM	R35624

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Laun-Dry
Lab ID: 1607285-018 **Matrix:** AQUEOUS

Client Sample ID: SVE-1
Collection Date: 7/6/2016 2:45:00 PM
Received Date: 7/6/2016 4:39:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
1,1-Dichloropropene	ND	1.0		µg/L	1	7/12/2016 8:23:00 PM	R35624
Hexachlorobutadiene	ND	1.0		µg/L	1	7/12/2016 8:23:00 PM	R35624
2-Hexanone	ND	10		µg/L	1	7/12/2016 8:23:00 PM	R35624
Isopropylbenzene	ND	1.0		µg/L	1	7/12/2016 8:23:00 PM	R35624
4-Isopropyltoluene	ND	1.0		µg/L	1	7/12/2016 8:23:00 PM	R35624
4-Methyl-2-pentanone	ND	10		µg/L	1	7/12/2016 8:23:00 PM	R35624
Methylene Chloride	ND	3.0		µg/L	1	7/12/2016 8:23:00 PM	R35624
n-Butylbenzene	ND	3.0		µg/L	1	7/12/2016 8:23:00 PM	R35624
n-Propylbenzene	ND	1.0		µg/L	1	7/12/2016 8:23:00 PM	R35624
sec-Butylbenzene	ND	1.0		µg/L	1	7/12/2016 8:23:00 PM	R35624
Styrene	ND	1.0		µg/L	1	7/12/2016 8:23:00 PM	R35624
tert-Butylbenzene	ND	1.0		µg/L	1	7/12/2016 8:23:00 PM	R35624
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	7/12/2016 8:23:00 PM	R35624
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	7/12/2016 8:23:00 PM	R35624
Tetrachloroethene (PCE)	150	10		µg/L	10	7/12/2016 3:53:00 AM	R35570
trans-1,2-DCE	ND	1.0		µg/L	1	7/12/2016 8:23:00 PM	R35624
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	7/12/2016 8:23:00 PM	R35624
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	7/12/2016 8:23:00 PM	R35624
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	7/12/2016 8:23:00 PM	R35624
1,1,1-Trichloroethane	ND	1.0		µg/L	1	7/12/2016 8:23:00 PM	R35624
1,1,2-Trichloroethane	ND	1.0		µg/L	1	7/12/2016 8:23:00 PM	R35624
Trichloroethene (TCE)	20	1.0		µg/L	1	7/12/2016 8:23:00 PM	R35624
Trichlorofluoromethane	ND	1.0		µg/L	1	7/12/2016 8:23:00 PM	R35624
1,2,3-Trichloropropane	ND	2.0		µg/L	1	7/12/2016 8:23:00 PM	R35624
Vinyl chloride	ND	1.0		µg/L	1	7/12/2016 8:23:00 PM	R35624
Xylenes, Total	ND	1.5		µg/L	1	7/12/2016 8:23:00 PM	R35624
Surr: 1,2-Dichloroethane-d4	116	70-130		%Rec	1	7/12/2016 8:23:00 PM	R35624
Surr: 4-Bromofluorobenzene	112	70-130		%Rec	1	7/12/2016 8:23:00 PM	R35624
Surr: Dibromofluoromethane	102	70-130		%Rec	1	7/12/2016 8:23:00 PM	R35624
Surr: Toluene-d8	99.4	70-130		%Rec	1	7/12/2016 8:23:00 PM	R35624

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Laun-Dry
Lab ID: 1607285-019 **Matrix:** AQUEOUS

Client Sample ID: BG-BMW-12
Collection Date: 7/6/2016 3:25:00 PM
Received Date: 7/6/2016 4:39:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
Benzene	ND	1.0		µg/L	1	7/12/2016 8:46:00 PM	R35624
Toluene	ND	1.0		µg/L	1	7/12/2016 8:46:00 PM	R35624
Ethylbenzene	ND	1.0		µg/L	1	7/12/2016 8:46:00 PM	R35624
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	7/12/2016 8:46:00 PM	R35624
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	7/12/2016 8:46:00 PM	R35624
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	7/12/2016 8:46:00 PM	R35624
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	7/12/2016 8:46:00 PM	R35624
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	7/12/2016 8:46:00 PM	R35624
Naphthalene	ND	2.0		µg/L	1	7/12/2016 8:46:00 PM	R35624
1-Methylnaphthalene	ND	4.0		µg/L	1	7/12/2016 8:46:00 PM	R35624
2-Methylnaphthalene	ND	4.0		µg/L	1	7/12/2016 8:46:00 PM	R35624
Acetone	ND	10		µg/L	1	7/12/2016 8:46:00 PM	R35624
Bromobenzene	ND	1.0		µg/L	1	7/12/2016 8:46:00 PM	R35624
Bromodichloromethane	ND	1.0		µg/L	1	7/12/2016 8:46:00 PM	R35624
Bromoform	ND	1.0		µg/L	1	7/12/2016 8:46:00 PM	R35624
Bromomethane	ND	3.0		µg/L	1	7/12/2016 8:46:00 PM	R35624
2-Butanone	ND	10		µg/L	1	7/12/2016 8:46:00 PM	R35624
Carbon disulfide	ND	10		µg/L	1	7/12/2016 8:46:00 PM	R35624
Carbon Tetrachloride	ND	1.0		µg/L	1	7/12/2016 8:46:00 PM	R35624
Chlorobenzene	ND	1.0		µg/L	1	7/12/2016 8:46:00 PM	R35624
Chloroethane	ND	2.0		µg/L	1	7/12/2016 8:46:00 PM	R35624
Chloroform	ND	1.0		µg/L	1	7/12/2016 8:46:00 PM	R35624
Chloromethane	ND	3.0		µg/L	1	7/12/2016 8:46:00 PM	R35624
2-Chlorotoluene	ND	1.0		µg/L	1	7/12/2016 8:46:00 PM	R35624
4-Chlorotoluene	ND	1.0		µg/L	1	7/12/2016 8:46:00 PM	R35624
cis-1,2-DCE	64	1.0		µg/L	1	7/12/2016 8:46:00 PM	R35624
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	7/12/2016 8:46:00 PM	R35624
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	7/12/2016 8:46:00 PM	R35624
Dibromochloromethane	ND	1.0		µg/L	1	7/12/2016 8:46:00 PM	R35624
Dibromomethane	ND	1.0		µg/L	1	7/12/2016 8:46:00 PM	R35624
1,2-Dichlorobenzene	ND	1.0		µg/L	1	7/12/2016 8:46:00 PM	R35624
1,3-Dichlorobenzene	ND	1.0		µg/L	1	7/12/2016 8:46:00 PM	R35624
1,4-Dichlorobenzene	ND	1.0		µg/L	1	7/12/2016 8:46:00 PM	R35624
Dichlorodifluoromethane	ND	1.0		µg/L	1	7/12/2016 8:46:00 PM	R35624
1,1-Dichloroethane	ND	1.0		µg/L	1	7/12/2016 8:46:00 PM	R35624
1,1-Dichloroethene	ND	1.0		µg/L	1	7/12/2016 8:46:00 PM	R35624
1,2-Dichloropropane	ND	1.0		µg/L	1	7/12/2016 8:46:00 PM	R35624
1,3-Dichloropropane	ND	1.0		µg/L	1	7/12/2016 8:46:00 PM	R35624
2,2-Dichloropropane	ND	2.0		µg/L	1	7/12/2016 8:46:00 PM	R35624

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Laun-Dry
Lab ID: 1607285-019 **Matrix:** AQUEOUS

Client Sample ID: BG-BMW-12
Collection Date: 7/6/2016 3:25:00 PM
Received Date: 7/6/2016 4:39:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
1,1-Dichloropropene	ND	1.0		µg/L	1	7/12/2016 8:46:00 PM	R35624
Hexachlorobutadiene	ND	1.0		µg/L	1	7/12/2016 8:46:00 PM	R35624
2-Hexanone	ND	10		µg/L	1	7/12/2016 8:46:00 PM	R35624
Isopropylbenzene	ND	1.0		µg/L	1	7/12/2016 8:46:00 PM	R35624
4-Isopropyltoluene	ND	1.0		µg/L	1	7/12/2016 8:46:00 PM	R35624
4-Methyl-2-pentanone	ND	10		µg/L	1	7/12/2016 8:46:00 PM	R35624
Methylene Chloride	ND	3.0		µg/L	1	7/12/2016 8:46:00 PM	R35624
n-Butylbenzene	ND	3.0		µg/L	1	7/12/2016 8:46:00 PM	R35624
n-Propylbenzene	ND	1.0		µg/L	1	7/12/2016 8:46:00 PM	R35624
sec-Butylbenzene	ND	1.0		µg/L	1	7/12/2016 8:46:00 PM	R35624
Styrene	ND	1.0		µg/L	1	7/12/2016 8:46:00 PM	R35624
tert-Butylbenzene	ND	1.0		µg/L	1	7/12/2016 8:46:00 PM	R35624
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	7/12/2016 8:46:00 PM	R35624
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	7/12/2016 8:46:00 PM	R35624
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	7/12/2016 8:46:00 PM	R35624
trans-1,2-DCE	69	1.0		µg/L	1	7/12/2016 8:46:00 PM	R35624
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	7/12/2016 8:46:00 PM	R35624
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	7/12/2016 8:46:00 PM	R35624
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	7/12/2016 8:46:00 PM	R35624
1,1,1-Trichloroethane	ND	1.0		µg/L	1	7/12/2016 8:46:00 PM	R35624
1,1,2-Trichloroethane	ND	1.0		µg/L	1	7/12/2016 8:46:00 PM	R35624
Trichloroethene (TCE)	200	10		µg/L	10	7/12/2016 4:40:00 AM	R35570
Trichlorofluoromethane	ND	1.0		µg/L	1	7/12/2016 8:46:00 PM	R35624
1,2,3-Trichloropropane	ND	2.0		µg/L	1	7/12/2016 8:46:00 PM	R35624
Vinyl chloride	ND	1.0		µg/L	1	7/12/2016 8:46:00 PM	R35624
Xylenes, Total	ND	1.5		µg/L	1	7/12/2016 8:46:00 PM	R35624
Surr: 1,2-Dichloroethane-d4	118	70-130		%Rec	1	7/12/2016 8:46:00 PM	R35624
Surr: 4-Bromofluorobenzene	111	70-130		%Rec	1	7/12/2016 8:46:00 PM	R35624
Surr: Dibromofluoromethane	104	70-130		%Rec	1	7/12/2016 8:46:00 PM	R35624
Surr: Toluene-d8	99.3	70-130		%Rec	1	7/12/2016 8:46:00 PM	R35624

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Laun-Dry
Lab ID: 1607285-020 **Matrix:** AQUEOUS

Client Sample ID: NI-MW-2
Collection Date: 7/6/2016 3:55:00 PM
Received Date: 7/6/2016 4:39:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
Benzene	ND	1.0		µg/L	1	7/12/2016 9:09:00 PM	R35624
Toluene	ND	1.0		µg/L	1	7/12/2016 9:09:00 PM	R35624
Ethylbenzene	ND	1.0		µg/L	1	7/12/2016 9:09:00 PM	R35624
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	7/12/2016 9:09:00 PM	R35624
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	7/12/2016 9:09:00 PM	R35624
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	7/12/2016 9:09:00 PM	R35624
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	7/12/2016 9:09:00 PM	R35624
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	7/12/2016 9:09:00 PM	R35624
Naphthalene	ND	2.0		µg/L	1	7/12/2016 9:09:00 PM	R35624
1-Methylnaphthalene	ND	4.0		µg/L	1	7/12/2016 9:09:00 PM	R35624
2-Methylnaphthalene	ND	4.0		µg/L	1	7/12/2016 9:09:00 PM	R35624
Acetone	ND	10		µg/L	1	7/12/2016 9:09:00 PM	R35624
Bromobenzene	ND	1.0		µg/L	1	7/12/2016 9:09:00 PM	R35624
Bromodichloromethane	ND	1.0		µg/L	1	7/12/2016 9:09:00 PM	R35624
Bromoform	ND	1.0		µg/L	1	7/12/2016 9:09:00 PM	R35624
Bromomethane	ND	3.0		µg/L	1	7/12/2016 9:09:00 PM	R35624
2-Butanone	ND	10		µg/L	1	7/12/2016 9:09:00 PM	R35624
Carbon disulfide	ND	10		µg/L	1	7/12/2016 9:09:00 PM	R35624
Carbon Tetrachloride	ND	1.0		µg/L	1	7/12/2016 9:09:00 PM	R35624
Chlorobenzene	ND	1.0		µg/L	1	7/12/2016 9:09:00 PM	R35624
Chloroethane	ND	2.0		µg/L	1	7/12/2016 9:09:00 PM	R35624
Chloroform	ND	1.0		µg/L	1	7/12/2016 9:09:00 PM	R35624
Chloromethane	ND	3.0		µg/L	1	7/12/2016 9:09:00 PM	R35624
2-Chlorotoluene	ND	1.0		µg/L	1	7/12/2016 9:09:00 PM	R35624
4-Chlorotoluene	ND	1.0		µg/L	1	7/12/2016 9:09:00 PM	R35624
cis-1,2-DCE	120	10		µg/L	10	7/12/2016 5:27:00 AM	R35570
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	7/12/2016 9:09:00 PM	R35624
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	7/12/2016 9:09:00 PM	R35624
Dibromochloromethane	ND	1.0		µg/L	1	7/12/2016 9:09:00 PM	R35624
Dibromomethane	ND	1.0		µg/L	1	7/12/2016 9:09:00 PM	R35624
1,2-Dichlorobenzene	ND	1.0		µg/L	1	7/12/2016 9:09:00 PM	R35624
1,3-Dichlorobenzene	ND	1.0		µg/L	1	7/12/2016 9:09:00 PM	R35624
1,4-Dichlorobenzene	ND	1.0		µg/L	1	7/12/2016 9:09:00 PM	R35624
Dichlorodifluoromethane	ND	1.0		µg/L	1	7/12/2016 9:09:00 PM	R35624
1,1-Dichloroethane	ND	1.0		µg/L	1	7/12/2016 9:09:00 PM	R35624
1,1-Dichloroethene	ND	1.0		µg/L	1	7/12/2016 9:09:00 PM	R35624
1,2-Dichloropropane	ND	1.0		µg/L	1	7/12/2016 9:09:00 PM	R35624
1,3-Dichloropropane	ND	1.0		µg/L	1	7/12/2016 9:09:00 PM	R35624
2,2-Dichloropropane	ND	2.0		µg/L	1	7/12/2016 9:09:00 PM	R35624

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Laun-Dry
Lab ID: 1607285-020 **Matrix:** AQUEOUS

Client Sample ID: NI-MW-2
Collection Date: 7/6/2016 3:55:00 PM
Received Date: 7/6/2016 4:39:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
1,1-Dichloropropene	ND	1.0		µg/L	1	7/12/2016 9:09:00 PM	R35624
Hexachlorobutadiene	ND	1.0		µg/L	1	7/12/2016 9:09:00 PM	R35624
2-Hexanone	ND	10		µg/L	1	7/12/2016 9:09:00 PM	R35624
Isopropylbenzene	ND	1.0		µg/L	1	7/12/2016 9:09:00 PM	R35624
4-Isopropyltoluene	ND	1.0		µg/L	1	7/12/2016 9:09:00 PM	R35624
4-Methyl-2-pentanone	ND	10		µg/L	1	7/12/2016 9:09:00 PM	R35624
Methylene Chloride	ND	3.0		µg/L	1	7/12/2016 9:09:00 PM	R35624
n-Butylbenzene	ND	3.0		µg/L	1	7/12/2016 9:09:00 PM	R35624
n-Propylbenzene	ND	1.0		µg/L	1	7/12/2016 9:09:00 PM	R35624
sec-Butylbenzene	ND	1.0		µg/L	1	7/12/2016 9:09:00 PM	R35624
Styrene	ND	1.0		µg/L	1	7/12/2016 9:09:00 PM	R35624
tert-Butylbenzene	ND	1.0		µg/L	1	7/12/2016 9:09:00 PM	R35624
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	7/12/2016 9:09:00 PM	R35624
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	7/12/2016 9:09:00 PM	R35624
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	7/12/2016 9:09:00 PM	R35624
trans-1,2-DCE	130	10		µg/L	10	7/12/2016 5:27:00 AM	R35570
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	7/12/2016 9:09:00 PM	R35624
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	7/12/2016 9:09:00 PM	R35624
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	7/12/2016 9:09:00 PM	R35624
1,1,1-Trichloroethane	ND	1.0		µg/L	1	7/12/2016 9:09:00 PM	R35624
1,1,2-Trichloroethane	ND	1.0		µg/L	1	7/12/2016 9:09:00 PM	R35624
Trichloroethene (TCE)	95	1.0		µg/L	1	7/12/2016 9:09:00 PM	R35624
Trichlorofluoromethane	ND	1.0		µg/L	1	7/12/2016 9:09:00 PM	R35624
1,2,3-Trichloropropane	ND	2.0		µg/L	1	7/12/2016 9:09:00 PM	R35624
Vinyl chloride	ND	1.0		µg/L	1	7/12/2016 9:09:00 PM	R35624
Xylenes, Total	ND	1.5		µg/L	1	7/12/2016 9:09:00 PM	R35624
Surr: 1,2-Dichloroethane-d4	116	70-130		%Rec	1	7/12/2016 9:09:00 PM	R35624
Surr: 4-Bromofluorobenzene	112	70-130		%Rec	1	7/12/2016 9:09:00 PM	R35624
Surr: Dibromofluoromethane	102	70-130		%Rec	1	7/12/2016 9:09:00 PM	R35624
Surr: Toluene-d8	100	70-130		%Rec	1	7/12/2016 9:09:00 PM	R35624

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **1607285**
20-Jul-16

Client: EA Engineering
Project: Laun-Dry

Sample ID **100ng lcs** SampType: **LCS** TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **LCSW** Batch ID: **R35570** RunNo: **35570**
Prep Date: Analysis Date: **7/11/2016** SeqNo: **1101316** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	19	1.0	20.00	0	93.9	70	130			
Toluene	21	1.0	20.00	0	104	70	130			
Chlorobenzene	21	1.0	20.00	0	105	70	130			
1,1-Dichloroethene	17	1.0	20.00	0	85.2	70	130			
Trichloroethene (TCE)	18	1.0	20.00	0	89.7	70	130			
Surr: 1,2-Dichloroethane-d4	7.9		10.00		79.2	70	130			
Surr: 4-Bromofluorobenzene	9.5		10.00		94.9	70	130			
Surr: Dibromofluoromethane	9.0		10.00		89.9	70	130			
Surr: Toluene-d8	10		10.00		101	70	130			

Sample ID **rb** SampType: **MBLK** TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW** Batch ID: **R35570** RunNo: **35570**
Prep Date: Analysis Date: **7/11/2016** SeqNo: **1101317** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								
Ethylbenzene	ND	1.0								
Methyl tert-butyl ether (MTBE)	ND	1.0								
1,2,4-Trimethylbenzene	ND	1.0								
1,3,5-Trimethylbenzene	ND	1.0								
1,2-Dichloroethane (EDC)	ND	1.0								
1,2-Dibromoethane (EDB)	ND	1.0								
Naphthalene	ND	2.0								
1-Methylnaphthalene	ND	4.0								
2-Methylnaphthalene	ND	4.0								
Acetone	ND	10								
Bromobenzene	ND	1.0								
Bromodichloromethane	ND	1.0								
Bromoform	ND	1.0								
Bromomethane	ND	3.0								
2-Butanone	ND	10								
Carbon disulfide	ND	10								
Carbon Tetrachloride	ND	1.0								
Chlorobenzene	ND	1.0								
Chloroethane	ND	2.0								
Chloroform	ND	1.0								
Chloromethane	ND	3.0								
2-Chlorotoluene	ND	1.0								

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **1607285**
20-Jul-16

Client: EA Engineering
Project: Laun-Dry

Sample ID **rb**	SampType: **MBLK**	TestCode: **EPA Method 8260B: VOLATILES**			
Client ID: **PBW**	Batch ID: **R35570**	RunNo: **35570**			
Prep Date:	Analysis Date: **7/11/2016**	SeqNo: **1101317**	Units: **µg/L**		

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
4-Chlorotoluene	ND	1.0								
cis-1,2-DCE	ND	1.0								
cis-1,3-Dichloropropene	ND	1.0								
1,2-Dibromo-3-chloropropane	ND	2.0								
Dibromochloromethane	ND	1.0								
Dibromomethane	ND	1.0								
1,2-Dichlorobenzene	ND	1.0								
1,3-Dichlorobenzene	ND	1.0								
1,4-Dichlorobenzene	ND	1.0								
Dichlorodifluoromethane	ND	1.0								
1,1-Dichloroethane	ND	1.0								
1,1-Dichloroethene	ND	1.0								
1,2-Dichloropropane	ND	1.0								
1,3-Dichloropropane	ND	1.0								
2,2-Dichloropropane	ND	2.0								
1,1-Dichloropropene	ND	1.0								
Hexachlorobutadiene	ND	1.0								
2-Hexanone	ND	10								
Isopropylbenzene	ND	1.0								
4-Isopropyltoluene	ND	1.0								
4-Methyl-2-pentanone	ND	10								
Methylene Chloride	ND	3.0								
n-Butylbenzene	ND	3.0								
n-Propylbenzene	ND	1.0								
sec-Butylbenzene	ND	1.0								
Styrene	ND	1.0								
tert-Butylbenzene	ND	1.0								
1,1,1,2-Tetrachloroethane	ND	1.0								
1,1,2,2-Tetrachloroethane	ND	2.0								
Tetrachloroethene (PCE)	ND	1.0								
trans-1,2-DCE	ND	1.0								
trans-1,3-Dichloropropene	ND	1.0								
1,2,3-Trichlorobenzene	ND	1.0								
1,2,4-Trichlorobenzene	ND	1.0								
1,1,1-Trichloroethane	ND	1.0								
1,1,2-Trichloroethane	ND	1.0								
Trichloroethene (TCE)	ND	1.0								
Trichlorofluoromethane	ND	1.0								
1,2,3-Trichloropropane	ND	2.0								

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **1607285**
20-Jul-16

Client: EA Engineering
Project: Laun-Dry

Sample ID **rb** SampType: **MBLK** TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW** Batch ID: **R35570** RunNo: **35570**
Prep Date: Analysis Date: **7/11/2016** SeqNo: **1101317** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Vinyl chloride	ND	1.0								
Xylenes, Total	ND	1.5								
Surr: 1,2-Dichloroethane-d4	8.1		10.00		80.6	70	130			
Surr: 4-Bromofluorobenzene	9.6		10.00		96.1	70	130			
Surr: Dibromofluoromethane	8.9		10.00		89.1	70	130			
Surr: Toluene-d8	10		10.00		99.6	70	130			

Sample ID **1607285-001ams** SampType: **MS** TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **MW-18(S)** Batch ID: **R35570** RunNo: **35570**
Prep Date: Analysis Date: **7/11/2016** SeqNo: **1101345** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	19	1.0	20.00	0.09600	95.2	70	130			
Toluene	21	1.0	20.00	0	104	70	130			
Chlorobenzene	21	1.0	20.00	0	106	70	130			
1,1-Dichloroethene	20	1.0	20.00	0.1120	97.2	70	130			
Trichloroethene (TCE)	56	1.0	20.00	36.48	99.5	70	130			
Surr: 1,2-Dichloroethane-d4	8.2		10.00		82.1	70	130			
Surr: 4-Bromofluorobenzene	9.5		10.00		94.9	70	130			
Surr: Dibromofluoromethane	9.1		10.00		91.2	70	130			
Surr: Toluene-d8	9.9		10.00		98.5	70	130			

Sample ID **1607285-001amsd** SampType: **MSD** TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **MW-18(S)** Batch ID: **R35570** RunNo: **35570**
Prep Date: Analysis Date: **7/11/2016** SeqNo: **1101357** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	19	1.0	20.00	0.09600	92.9	70	130	2.45	20	
Toluene	21	1.0	20.00	0	103	70	130	0.358	20	
Chlorobenzene	21	1.0	20.00	0	105	70	130	1.22	20	
1,1-Dichloroethene	19	1.0	20.00	0.1120	94.5	70	130	2.77	20	
Trichloroethene (TCE)	54	1.0	20.00	36.48	89.9	70	130	3.48	20	
Surr: 1,2-Dichloroethane-d4	8.0		10.00		80.1	70	130	0	0	
Surr: 4-Bromofluorobenzene	9.4		10.00		93.6	70	130	0	0	
Surr: Dibromofluoromethane	9.0		10.00		90.3	70	130	0	0	
Surr: Toluene-d8	10		10.00		101	70	130	0	0	

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **1607285**
20-Jul-16

Client: EA Engineering
Project: Laun-Dry

Sample ID **100ng lcs**	SampType: **LCS**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **LCSW**	Batch ID: **R35624**	RunNo: **35624**
Prep Date:	Analysis Date: **7/12/2016**	SeqNo: **1102503** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	19	1.0	20.00	0	95.6	70	130			
Toluene	18	1.0	20.00	0	92.5	70	130			
Chlorobenzene	18	1.0	20.00	0	89.0	70	130			
1,1-Dichloroethene	19	1.0	20.00	0	93.0	70	130			
Trichloroethene (TCE)	17	1.0	20.00	0	87.5	70	130			
Surr: 1,2-Dichloroethane-d4	11		10.00		114	70	130			
Surr: 4-Bromofluorobenzene	11		10.00		112	70	130			
Surr: Dibromofluoromethane	10		10.00		102	70	130			
Surr: Toluene-d8	9.9		10.00		99.0	70	130			

Sample ID **rb**	SampType: **MBLK**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW**	Batch ID: **R35624**	RunNo: **35624**
Prep Date:	Analysis Date: **7/12/2016**	SeqNo: **1102504** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								
Ethylbenzene	ND	1.0								
Methyl tert-butyl ether (MTBE)	ND	1.0								
1,2,4-Trimethylbenzene	ND	1.0								
1,3,5-Trimethylbenzene	ND	1.0								
1,2-Dichloroethane (EDC)	ND	1.0								
1,2-Dibromoethane (EDB)	ND	1.0								
Naphthalene	ND	2.0								
1-Methylnaphthalene	ND	4.0								
2-Methylnaphthalene	ND	4.0								
Acetone	ND	10								
Bromobenzene	ND	1.0								
Bromodichloromethane	ND	1.0								
Bromoform	ND	1.0								
Bromomethane	ND	3.0								
2-Butanone	ND	10								
Carbon disulfide	ND	10								
Carbon Tetrachloride	ND	1.0								
Chlorobenzene	ND	1.0								
Chloroethane	ND	2.0								
Chloroform	ND	1.0								
Chloromethane	ND	3.0								
2-Chlorotoluene	ND	1.0								

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **1607285**
20-Jul-16

Client: EA Engineering
Project: Laun-Dry

Sample ID **rb**	SampType: **MBLK**	TestCode: **EPA Method 8260B: VOLATILES**			
Client ID: **PBW**	Batch ID: **R35624**	RunNo: **35624**			
Prep Date:	Analysis Date: **7/12/2016**	SeqNo: **1102504**	Units: **µg/L**		

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
4-Chlorotoluene	ND	1.0								
cis-1,2-DCE	ND	1.0								
cis-1,3-Dichloropropene	ND	1.0								
1,2-Dibromo-3-chloropropane	ND	2.0								
Dibromochloromethane	ND	1.0								
Dibromomethane	ND	1.0								
1,2-Dichlorobenzene	ND	1.0								
1,3-Dichlorobenzene	ND	1.0								
1,4-Dichlorobenzene	ND	1.0								
Dichlorodifluoromethane	ND	1.0								
1,1-Dichloroethane	ND	1.0								
1,1-Dichloroethene	ND	1.0								
1,2-Dichloropropane	ND	1.0								
1,3-Dichloropropane	ND	1.0								
2,2-Dichloropropane	ND	2.0								
1,1-Dichloropropene	ND	1.0								
Hexachlorobutadiene	ND	1.0								
2-Hexanone	ND	10								
Isopropylbenzene	ND	1.0								
4-Isopropyltoluene	ND	1.0								
4-Methyl-2-pentanone	ND	10								
Methylene Chloride	ND	3.0								
n-Butylbenzene	ND	3.0								
n-Propylbenzene	ND	1.0								
sec-Butylbenzene	ND	1.0								
Styrene	ND	1.0								
tert-Butylbenzene	ND	1.0								
1,1,1,2-Tetrachloroethane	ND	1.0								
1,1,2,2-Tetrachloroethane	ND	2.0								
Tetrachloroethene (PCE)	ND	1.0								
trans-1,2-DCE	ND	1.0								
trans-1,3-Dichloropropene	ND	1.0								
1,2,3-Trichlorobenzene	ND	1.0								
1,2,4-Trichlorobenzene	ND	1.0								
1,1,1-Trichloroethane	ND	1.0								
1,1,2-Trichloroethane	ND	1.0								
Trichloroethene (TCE)	ND	1.0								
Trichlorofluoromethane	ND	1.0								
1,2,3-Trichloropropane	ND	2.0								

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **1607285**
20-Jul-16

Client: EA Engineering
Project: Laun-Dry

Sample ID **rb** SampType: **MBLK** TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW** Batch ID: **R35624** RunNo: **35624**
Prep Date: Analysis Date: **7/12/2016** SeqNo: **1102504** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Vinyl chloride	ND	1.0								
Xylenes, Total	ND	1.5								
Surr: 1,2-Dichloroethane-d4	11		10.00		113	70	130			
Surr: 4-Bromofluorobenzene	11		10.00		109	70	130			
Surr: Dibromofluoromethane	10		10.00		99.8	70	130			
Surr: Toluene-d8	9.9		10.00		98.8	70	130			

Sample ID **100ng lcs** SampType: **LCS** TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **LCSW** Batch ID: **R35696** RunNo: **35696**
Prep Date: Analysis Date: **7/14/2016** SeqNo: **1105154** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Trichloroethene (TCE)	19	1.0	20.00	0	96.2	70	130			
Surr: 1,2-Dichloroethane-d4	10		10.00		101	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		101	70	130			
Surr: Dibromofluoromethane	9.9		10.00		98.9	70	130			
Surr: Toluene-d8	9.6		10.00		95.9	70	130			

Sample ID **vsb fridge** SampType: **MBLK** TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW** Batch ID: **R35696** RunNo: **35696**
Prep Date: Analysis Date: **7/14/2016** SeqNo: **1105155** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
trans-1,2-DCE	ND	1.0								
Trichloroethene (TCE)	ND	1.0								
Surr: 1,2-Dichloroethane-d4	10		10.00		99.7	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		101	70	130			
Surr: Dibromofluoromethane	9.9		10.00		98.5	70	130			
Surr: Toluene-d8	9.7		10.00		96.9	70	130			

Sample ID **100ng lcs2** SampType: **LCS** TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **LCSW** Batch ID: **A35696** RunNo: **35696**
Prep Date: Analysis Date: **7/14/2016** SeqNo: **1105190** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 1,2-Dichloroethane-d4	10		10.00		102	70	130			
Surr: 4-Bromofluorobenzene	9.9		10.00		98.9	70	130			
Surr: Dibromofluoromethane	9.7		10.00		96.9	70	130			
Surr: Toluene-d8	9.6		10.00		96.1	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **1607285**
20-Jul-16

Client: EA Engineering
Project: Laun-Dry

Sample ID **rb**	SampType: **MBLK**	TestCode: **EPA Method 8260B: VOLATILES**			
Client ID: **PBW**	Batch ID: **A35696**	RunNo: **35696**			
Prep Date:	Analysis Date: **7/14/2016**	SeqNo: **1105199**	Units: **%Rec**		

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 1,2-Dichloroethane-d4	10		10.00		103	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		101	70	130			
Surr: Dibromofluoromethane	10		10.00		99.8	70	130			
Surr: Toluene-d8	9.7		10.00		96.6	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: **EA Engineering Alb** Work Order Number: **1607285** RcptNo: 1

Received by/date: 07/06/16

Logged By: **Joe Archuleta** **7/6/2016 4:39:00 PM**

Completed By: **Joe Archuleta** **7/7/2016 10:02:58 AM**

Reviewed By: 07/07/16

Chain of Custody

1. Custody seals intact on sample bottles? Yes [ ] No [ ] Not Present [x]
2. Is Chain of Custody complete? Yes [x] No [ ] Not Present [ ]
3. How was the sample delivered? Client

Log In

4. Was an attempt made to cool the samples? Yes [x] No [ ] NA [ ]
5. Were all samples received at a temperature of >0° C to 6.0°C Yes [x] No [ ] NA [ ]
6. Sample(s) in proper container(s)? Yes [x] No [ ]
7. Sufficient sample volume for indicated test(s)? Yes [x] No [ ]
8. Are samples (except VOA and ONG) properly preserved? Yes [x] No [ ]
9. Was preservative added to bottles? Yes [ ] No [x] NA [ ]
10. VOA vials have zero headspace? Yes [x] No [ ] No VOA Vials [ ]
11. Were any sample containers received broken? Yes [ ] No [x]
12. Does paperwork match bottle labels? Yes [x] No [ ] # of preserved bottles checked for pH: (<2 or >12 unless noted)
    (Note discrepancies on chain of custody)
13. Are matrices correctly identified on Chain of Custody? Yes [x] No [ ] Adjusted?
14. Is it clear what analyses were requested? Yes [x] No [ ]
15. Were all holding times able to be met? Yes [x] No [ ] Checked by:
    (If no, notify customer for authorization.)

Special Handling (if applicable)

16. Was client notified of all discrepancies with this order? Yes [ ] No [ ] NA [x]

Person Notified: Date

By Whom: Via: [ ] eMail [ ] Phone [ ] Fax [ ] In Person

Regarding:

Client Instructions:

17. Additional remarks:

18. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	2.4	Good	Not Present			

Chain-of-Custody Record

Client: EA Engineering

Mailing Address: 320 Gold Ave SW #1300 Alb

Phone #: 505 224 9013

Email or Fax#: tmcmillan@eaest.com

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)

Accreditation
☐ NELAP ☐ Other

☐ EDD (Type)

Turn-Around Time:
☒ Standard ☐ Rush

Project Name: Laun Dry

Project #: 1506901

Project Manager: Teri Mcmillan

Sampler: Colton Lake

On Ice: ☒ Yes ☐ No

Sample Temperature: 2.4

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 1607285	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / DRO / MRO)	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)					Air Bubbles (Y or N)
-5	0835	Aq	MW-18(s)	3xVOA	H_2Cl_2	-001										X						
410 ←	~~0910~~		MW-19			-002																
	1010		MW-4H-02			-003																
	1058		MW-4H-01			-004																
	1140		OB-3			-005																
	1235		MW-17			-006																
	1320		MW-5			-007																
	1410		CA-FSY-14			-008																
	1522		MW-6F			-009																
-6	0825		BG-BMW-8			-010																
	0905		MW-6H-D			-011																
	0922		MW-6H-S			-012																

Date:	Time:	Relinquished by:	Received by:	Date	Time
-6-16	1639			07/06/16	1639
Date:	Time:	Relinquished by:	Received by:	Date	Time

Remarks:

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Chain-of-Custody Record

Client: EA Engineering

Mailing Address: 320 Gold Ave SW #1300 Abq

Phone #: 505 224 9013

Email or Fax#: tmcmillan@earest.com

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)

Accreditation
☐ NELAP ☐ Other

☐ EDD (Type)

Turn-Around Time:
☒ Standard ☐ Rush

Project Name: Laun Dry

Project #: 1506901

Project Manager: Teri McMillan

Sampler: Colton Lake

On Ice: ☒ Yes ☐ No

Sample Temperature: 2.4

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No.	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / DRO / MRO)	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)					Air Bubbles (Y or N)
7-6	1010	Aq	BIA-MW-3	3xVOA	H_2Cl_2	-013										X						
	1044		MW-6D			-014																
	1110		New BIA-E MW			-015																
	1220		CHMW-E			-016																
	1355		MW-6G			-017																
	1445		SVE-1			-018																
	1525		BG-BMW-12			-019																
	1555		NI-MW-2			-020																

Date	Time	Relinquished by	Received by	Date	Time
7-6-16	1639		[signature]	07/06/16	1639

Remarks:

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

July 21, 2016

Teri McMillan

EA Engineering
320 Gold Ave SW Suite 1210
Albuquerque, NM 87102
TEL: (505) 224-9013
FAX

RE: Laun-Dry OrderNo.: 1607363

Dear Teri McMillan:

Hall Environmental Analysis Laboratory received 34 sample(s) on 7/8/2016 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Laun-Dry
Lab ID: 1607363-001 **Matrix:** AQUEOUS

Client Sample ID: SBM-2
Collection Date: 7/7/2016 8:40:00 AM
Received Date: 7/8/2016 10:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**	
Benzene	ND	1.0		µg/L	1	7/13/2016 5:44:07 AM	A35636
Toluene	ND	1.0		µg/L	1	7/13/2016 5:44:07 AM	A35636
Ethylbenzene	ND	1.0		µg/L	1	7/13/2016 5:44:07 AM	A35636
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	7/13/2016 5:44:07 AM	A35636
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	7/13/2016 5:44:07 AM	A35636
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	7/13/2016 5:44:07 AM	A35636
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	7/13/2016 5:44:07 AM	A35636
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	7/13/2016 5:44:07 AM	A35636
Naphthalene	ND	2.0		µg/L	1	7/13/2016 5:44:07 AM	A35636
1-Methylnaphthalene	ND	4.0		µg/L	1	7/13/2016 5:44:07 AM	A35636
2-Methylnaphthalene	ND	4.0		µg/L	1	7/13/2016 5:44:07 AM	A35636
Acetone	ND	10		µg/L	1	7/13/2016 5:44:07 AM	A35636
Bromobenzene	ND	1.0		µg/L	1	7/13/2016 5:44:07 AM	A35636
Bromodichloromethane	ND	1.0		µg/L	1	7/13/2016 5:44:07 AM	A35636
Bromoform	ND	1.0		µg/L	1	7/13/2016 5:44:07 AM	A35636
Bromomethane	ND	3.0		µg/L	1	7/13/2016 5:44:07 AM	A35636
2-Butanone	ND	10		µg/L	1	7/13/2016 5:44:07 AM	A35636
Carbon disulfide	ND	10		µg/L	1	7/13/2016 5:44:07 AM	A35636
Carbon Tetrachloride	ND	1.0		µg/L	1	7/13/2016 5:44:07 AM	A35636
Chlorobenzene	ND	1.0		µg/L	1	7/13/2016 5:44:07 AM	A35636
Chloroethane	ND	2.0		µg/L	1	7/13/2016 5:44:07 AM	A35636
Chloroform	6.5	1.0		µg/L	1	7/13/2016 5:44:07 AM	A35636
Chloromethane	ND	3.0		µg/L	1	7/13/2016 5:44:07 AM	A35636
2-Chlorotoluene	ND	1.0		µg/L	1	7/13/2016 5:44:07 AM	A35636
4-Chlorotoluene	ND	1.0		µg/L	1	7/13/2016 5:44:07 AM	A35636
cis-1,2-DCE	ND	1.0		µg/L	1	7/13/2016 5:44:07 AM	A35636
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	7/13/2016 5:44:07 AM	A35636
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	7/13/2016 5:44:07 AM	A35636
Dibromochloromethane	ND	1.0		µg/L	1	7/13/2016 5:44:07 AM	A35636
Dibromomethane	ND	1.0		µg/L	1	7/13/2016 5:44:07 AM	A35636
1,2-Dichlorobenzene	ND	1.0		µg/L	1	7/13/2016 5:44:07 AM	A35636
1,3-Dichlorobenzene	ND	1.0		µg/L	1	7/13/2016 5:44:07 AM	A35636
1,4-Dichlorobenzene	ND	1.0		µg/L	1	7/13/2016 5:44:07 AM	A35636
Dichlorodifluoromethane	ND	1.0		µg/L	1	7/13/2016 5:44:07 AM	A35636
1,1-Dichloroethane	ND	1.0		µg/L	1	7/13/2016 5:44:07 AM	A35636
1,1-Dichloroethene	ND	1.0		µg/L	1	7/13/2016 5:44:07 AM	A35636
1,2-Dichloropropane	ND	1.0		µg/L	1	7/13/2016 5:44:07 AM	A35636
1,3-Dichloropropane	ND	1.0		µg/L	1	7/13/2016 5:44:07 AM	A35636
2,2-Dichloropropane	ND	2.0		µg/L	1	7/13/2016 5:44:07 AM	A35636

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Laun-Dry
Lab ID: 1607363-001 **Matrix:** AQUEOUS

Client Sample ID: SBM-2
Collection Date: 7/7/2016 8:40:00 AM
Received Date: 7/8/2016 10:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**	
1,1-Dichloropropene	ND	1.0		µg/L	1	7/13/2016 5:44:07 AM	A35636
Hexachlorobutadiene	ND	1.0		µg/L	1	7/13/2016 5:44:07 AM	A35636
2-Hexanone	ND	10		µg/L	1	7/13/2016 5:44:07 AM	A35636
Isopropylbenzene	ND	1.0		µg/L	1	7/13/2016 5:44:07 AM	A35636
4-Isopropyltoluene	ND	1.0		µg/L	1	7/13/2016 5:44:07 AM	A35636
4-Methyl-2-pentanone	ND	10		µg/L	1	7/13/2016 5:44:07 AM	A35636
Methylene Chloride	ND	3.0		µg/L	1	7/13/2016 5:44:07 AM	A35636
n-Butylbenzene	ND	3.0		µg/L	1	7/13/2016 5:44:07 AM	A35636
n-Propylbenzene	ND	1.0		µg/L	1	7/13/2016 5:44:07 AM	A35636
sec-Butylbenzene	ND	1.0		µg/L	1	7/13/2016 5:44:07 AM	A35636
Styrene	ND	1.0		µg/L	1	7/13/2016 5:44:07 AM	A35636
tert-Butylbenzene	ND	1.0		µg/L	1	7/13/2016 5:44:07 AM	A35636
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	7/13/2016 5:44:07 AM	A35636
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	7/13/2016 5:44:07 AM	A35636
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	7/13/2016 5:44:07 AM	A35636
trans-1,2-DCE	ND	1.0		µg/L	1	7/13/2016 5:44:07 AM	A35636
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	7/13/2016 5:44:07 AM	A35636
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	7/13/2016 5:44:07 AM	A35636
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	7/13/2016 5:44:07 AM	A35636
1,1,1-Trichloroethane	ND	1.0		µg/L	1	7/13/2016 5:44:07 AM	A35636
1,1,2-Trichloroethane	ND	1.0		µg/L	1	7/13/2016 5:44:07 AM	A35636
Trichloroethene (TCE)	ND	1.0		µg/L	1	7/13/2016 5:44:07 AM	A35636
Trichlorofluoromethane	ND	1.0		µg/L	1	7/13/2016 5:44:07 AM	A35636
1,2,3-Trichloropropane	ND	2.0		µg/L	1	7/13/2016 5:44:07 AM	A35636
Vinyl chloride	ND	1.0		µg/L	1	7/13/2016 5:44:07 AM	A35636
Xylenes, Total	ND	1.5		µg/L	1	7/13/2016 5:44:07 AM	A35636
Surr: 1,2-Dichloroethane-d4	105	70-130		%Rec	1	7/13/2016 5:44:07 AM	A35636
Surr: 4-Bromofluorobenzene	98.1	70-130		%Rec	1	7/13/2016 5:44:07 AM	A35636
Surr: Dibromofluoromethane	104	70-130		%Rec	1	7/13/2016 5:44:07 AM	A35636
Surr: Toluene-d8	96.2	70-130		%Rec	1	7/13/2016 5:44:07 AM	A35636

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: SBM-1
Project: Laun-Dry
Collection Date: 7/7/2016 9:22:00 AM
Lab ID: 1607363-002
Matrix: AQUEOUS
Received Date: 7/8/2016 10:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**	
Benzene	ND	1.0		µg/L	1	7/13/2016 6:12:35 AM	A35636
Toluene	ND	1.0		µg/L	1	7/13/2016 6:12:35 AM	A35636
Ethylbenzene	ND	1.0		µg/L	1	7/13/2016 6:12:35 AM	A35636
Methyl tert-butyl ether (MTBE)	20	1.0		µg/L	1	7/13/2016 6:12:35 AM	A35636
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	7/13/2016 6:12:35 AM	A35636
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	7/13/2016 6:12:35 AM	A35636
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	7/13/2016 6:12:35 AM	A35636
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	7/13/2016 6:12:35 AM	A35636
Naphthalene	ND	2.0		µg/L	1	7/13/2016 6:12:35 AM	A35636
1-Methylnaphthalene	ND	4.0		µg/L	1	7/13/2016 6:12:35 AM	A35636
2-Methylnaphthalene	ND	4.0		µg/L	1	7/13/2016 6:12:35 AM	A35636
Acetone	ND	10		µg/L	1	7/13/2016 6:12:35 AM	A35636
Bromobenzene	ND	1.0		µg/L	1	7/13/2016 6:12:35 AM	A35636
Bromodichloromethane	ND	1.0		µg/L	1	7/13/2016 6:12:35 AM	A35636
Bromoform	ND	1.0		µg/L	1	7/13/2016 6:12:35 AM	A35636
Bromomethane	ND	3.0		µg/L	1	7/13/2016 6:12:35 AM	A35636
2-Butanone	ND	10		µg/L	1	7/13/2016 6:12:35 AM	A35636
Carbon disulfide	ND	10		µg/L	1	7/13/2016 6:12:35 AM	A35636
Carbon Tetrachloride	ND	1.0		µg/L	1	7/13/2016 6:12:35 AM	A35636
Chlorobenzene	ND	1.0		µg/L	1	7/13/2016 6:12:35 AM	A35636
Chloroethane	ND	2.0		µg/L	1	7/13/2016 6:12:35 AM	A35636
Chloroform	ND	1.0		µg/L	1	7/13/2016 6:12:35 AM	A35636
Chloromethane	ND	3.0		µg/L	1	7/13/2016 6:12:35 AM	A35636
2-Chlorotoluene	ND	1.0		µg/L	1	7/13/2016 6:12:35 AM	A35636
4-Chlorotoluene	ND	1.0		µg/L	1	7/13/2016 6:12:35 AM	A35636
cis-1,2-DCE	6.7	1.0		µg/L	1	7/13/2016 6:12:35 AM	A35636
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	7/13/2016 6:12:35 AM	A35636
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	7/13/2016 6:12:35 AM	A35636
Dibromochloromethane	ND	1.0		µg/L	1	7/13/2016 6:12:35 AM	A35636
Dibromomethane	ND	1.0		µg/L	1	7/13/2016 6:12:35 AM	A35636
1,2-Dichlorobenzene	ND	1.0		µg/L	1	7/13/2016 6:12:35 AM	A35636
1,3-Dichlorobenzene	ND	1.0		µg/L	1	7/13/2016 6:12:35 AM	A35636
1,4-Dichlorobenzene	ND	1.0		µg/L	1	7/13/2016 6:12:35 AM	A35636
Dichlorodifluoromethane	ND	1.0		µg/L	1	7/13/2016 6:12:35 AM	A35636
1,1-Dichloroethane	ND	1.0		µg/L	1	7/13/2016 6:12:35 AM	A35636
1,1-Dichloroethene	ND	1.0		µg/L	1	7/13/2016 6:12:35 AM	A35636
1,2-Dichloropropane	ND	1.0		µg/L	1	7/13/2016 6:12:35 AM	A35636
1,3-Dichloropropane	ND	1.0		µg/L	1	7/13/2016 6:12:35 AM	A35636
2,2-Dichloropropane	ND	2.0		µg/L	1	7/13/2016 6:12:35 AM	A35636

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Laun-Dry
Lab ID: 1607363-002 **Matrix:** AQUEOUS

Client Sample ID: SBM-1
Collection Date: 7/7/2016 9:22:00 AM
Received Date: 7/8/2016 10:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**	
1,1-Dichloropropene	ND	1.0		µg/L	1	7/13/2016 6:12:35 AM	A35636
Hexachlorobutadiene	ND	1.0		µg/L	1	7/13/2016 6:12:35 AM	A35636
2-Hexanone	ND	10		µg/L	1	7/13/2016 6:12:35 AM	A35636
Isopropylbenzene	ND	1.0		µg/L	1	7/13/2016 6:12:35 AM	A35636
4-Isopropyltoluene	ND	1.0		µg/L	1	7/13/2016 6:12:35 AM	A35636
4-Methyl-2-pentanone	ND	10		µg/L	1	7/13/2016 6:12:35 AM	A35636
Methylene Chloride	ND	3.0		µg/L	1	7/13/2016 6:12:35 AM	A35636
n-Butylbenzene	ND	3.0		µg/L	1	7/13/2016 6:12:35 AM	A35636
n-Propylbenzene	ND	1.0		µg/L	1	7/13/2016 6:12:35 AM	A35636
sec-Butylbenzene	ND	1.0		µg/L	1	7/13/2016 6:12:35 AM	A35636
Styrene	ND	1.0		µg/L	1	7/13/2016 6:12:35 AM	A35636
tert-Butylbenzene	ND	1.0		µg/L	1	7/13/2016 6:12:35 AM	A35636
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	7/13/2016 6:12:35 AM	A35636
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	7/13/2016 6:12:35 AM	A35636
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	7/13/2016 6:12:35 AM	A35636
trans-1,2-DCE	1.1	1.0		µg/L	1	7/13/2016 6:12:35 AM	A35636
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	7/13/2016 6:12:35 AM	A35636
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	7/13/2016 6:12:35 AM	A35636
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	7/13/2016 6:12:35 AM	A35636
1,1,1-Trichloroethane	ND	1.0		µg/L	1	7/13/2016 6:12:35 AM	A35636
1,1,2-Trichloroethane	ND	1.0		µg/L	1	7/13/2016 6:12:35 AM	A35636
Trichloroethene (TCE)	60	1.0		µg/L	1	7/13/2016 6:12:35 AM	A35636
Trichlorofluoromethane	ND	1.0		µg/L	1	7/13/2016 6:12:35 AM	A35636
1,2,3-Trichloropropane	ND	2.0		µg/L	1	7/13/2016 6:12:35 AM	A35636
Vinyl chloride	ND	1.0		µg/L	1	7/13/2016 6:12:35 AM	A35636
Xylenes, Total	ND	1.5		µg/L	1	7/13/2016 6:12:35 AM	A35636
Surr: 1,2-Dichloroethane-d4	111	70-130		%Rec	1	7/13/2016 6:12:35 AM	A35636
Surr: 4-Bromofluorobenzene	95.8	70-130		%Rec	1	7/13/2016 6:12:35 AM	A35636
Surr: Dibromofluoromethane	106	70-130		%Rec	1	7/13/2016 6:12:35 AM	A35636
Surr: Toluene-d8	99.2	70-130		%Rec	1	7/13/2016 6:12:35 AM	A35636

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Laun-Dry
Lab ID: 1607363-003 **Matrix:** AQUEOUS

Client Sample ID: MW-15D
Collection Date: 7/7/2016 10:20:00 AM
Received Date: 7/8/2016 10:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**	
Benzene	ND	1.0		µg/L	1	7/13/2016 6:41:05 AM	A35636
Toluene	ND	1.0		µg/L	1	7/13/2016 6:41:05 AM	A35636
Ethylbenzene	ND	1.0		µg/L	1	7/13/2016 6:41:05 AM	A35636
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	7/13/2016 6:41:05 AM	A35636
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	7/13/2016 6:41:05 AM	A35636
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	7/13/2016 6:41:05 AM	A35636
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	7/13/2016 6:41:05 AM	A35636
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	7/13/2016 6:41:05 AM	A35636
Naphthalene	ND	2.0		µg/L	1	7/13/2016 6:41:05 AM	A35636
1-Methylnaphthalene	ND	4.0		µg/L	1	7/13/2016 6:41:05 AM	A35636
2-Methylnaphthalene	ND	4.0		µg/L	1	7/13/2016 6:41:05 AM	A35636
Acetone	ND	10		µg/L	1	7/13/2016 6:41:05 AM	A35636
Bromobenzene	ND	1.0		µg/L	1	7/13/2016 6:41:05 AM	A35636
Bromodichloromethane	ND	1.0		µg/L	1	7/13/2016 6:41:05 AM	A35636
Bromoform	ND	1.0		µg/L	1	7/13/2016 6:41:05 AM	A35636
Bromomethane	ND	3.0		µg/L	1	7/13/2016 6:41:05 AM	A35636
2-Butanone	ND	10		µg/L	1	7/13/2016 6:41:05 AM	A35636
Carbon disulfide	ND	10		µg/L	1	7/13/2016 6:41:05 AM	A35636
Carbon Tetrachloride	ND	1.0		µg/L	1	7/13/2016 6:41:05 AM	A35636
Chlorobenzene	ND	1.0		µg/L	1	7/13/2016 6:41:05 AM	A35636
Chloroethane	ND	2.0		µg/L	1	7/13/2016 6:41:05 AM	A35636
Chloroform	ND	1.0		µg/L	1	7/13/2016 6:41:05 AM	A35636
Chloromethane	ND	3.0		µg/L	1	7/13/2016 6:41:05 AM	A35636
2-Chlorotoluene	ND	1.0		µg/L	1	7/13/2016 6:41:05 AM	A35636
4-Chlorotoluene	ND	1.0		µg/L	1	7/13/2016 6:41:05 AM	A35636
cis-1,2-DCE	ND	1.0		µg/L	1	7/13/2016 6:41:05 AM	A35636
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	7/13/2016 6:41:05 AM	A35636
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	7/13/2016 6:41:05 AM	A35636
Dibromochloromethane	ND	1.0		µg/L	1	7/13/2016 6:41:05 AM	A35636
Dibromomethane	ND	1.0		µg/L	1	7/13/2016 6:41:05 AM	A35636
1,2-Dichlorobenzene	ND	1.0		µg/L	1	7/13/2016 6:41:05 AM	A35636
1,3-Dichlorobenzene	ND	1.0		µg/L	1	7/13/2016 6:41:05 AM	A35636
1,4-Dichlorobenzene	ND	1.0		µg/L	1	7/13/2016 6:41:05 AM	A35636
Dichlorodifluoromethane	ND	1.0		µg/L	1	7/13/2016 6:41:05 AM	A35636
1,1-Dichloroethane	ND	1.0		µg/L	1	7/13/2016 6:41:05 AM	A35636
1,1-Dichloroethene	ND	1.0		µg/L	1	7/13/2016 6:41:05 AM	A35636
1,2-Dichloropropane	ND	1.0		µg/L	1	7/13/2016 6:41:05 AM	A35636
1,3-Dichloropropane	ND	1.0		µg/L	1	7/13/2016 6:41:05 AM	A35636
2,2-Dichloropropane	ND	2.0		µg/L	1	7/13/2016 6:41:05 AM	A35636

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Laun-Dry
Lab ID: 1607363-003 **Matrix:** AQUEOUS

Client Sample ID: MW-15D
Collection Date: 7/7/2016 10:20:00 AM
Received Date: 7/8/2016 10:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**	
1,1-Dichloropropene	ND	1.0		µg/L	1	7/13/2016 6:41:05 AM	A35636
Hexachlorobutadiene	ND	1.0		µg/L	1	7/13/2016 6:41:05 AM	A35636
2-Hexanone	ND	10		µg/L	1	7/13/2016 6:41:05 AM	A35636
Isopropylbenzene	ND	1.0		µg/L	1	7/13/2016 6:41:05 AM	A35636
4-Isopropyltoluene	ND	1.0		µg/L	1	7/13/2016 6:41:05 AM	A35636
4-Methyl-2-pentanone	ND	10		µg/L	1	7/13/2016 6:41:05 AM	A35636
Methylene Chloride	ND	3.0		µg/L	1	7/13/2016 6:41:05 AM	A35636
n-Butylbenzene	ND	3.0		µg/L	1	7/13/2016 6:41:05 AM	A35636
n-Propylbenzene	ND	1.0		µg/L	1	7/13/2016 6:41:05 AM	A35636
sec-Butylbenzene	ND	1.0		µg/L	1	7/13/2016 6:41:05 AM	A35636
Styrene	ND	1.0		µg/L	1	7/13/2016 6:41:05 AM	A35636
tert-Butylbenzene	ND	1.0		µg/L	1	7/13/2016 6:41:05 AM	A35636
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	7/13/2016 6:41:05 AM	A35636
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	7/13/2016 6:41:05 AM	A35636
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	7/13/2016 6:41:05 AM	A35636
trans-1,2-DCE	ND	1.0		µg/L	1	7/13/2016 6:41:05 AM	A35636
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	7/13/2016 6:41:05 AM	A35636
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	7/13/2016 6:41:05 AM	A35636
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	7/13/2016 6:41:05 AM	A35636
1,1,1-Trichloroethane	ND	1.0		µg/L	1	7/13/2016 6:41:05 AM	A35636
1,1,2-Trichloroethane	ND	1.0		µg/L	1	7/13/2016 6:41:05 AM	A35636
Trichloroethene (TCE)	1.5	1.0		µg/L	1	7/13/2016 6:41:05 AM	A35636
Trichlorofluoromethane	ND	1.0		µg/L	1	7/13/2016 6:41:05 AM	A35636
1,2,3-Trichloropropane	ND	2.0		µg/L	1	7/13/2016 6:41:05 AM	A35636
Vinyl chloride	ND	1.0		µg/L	1	7/13/2016 6:41:05 AM	A35636
Xylenes, Total	ND	1.5		µg/L	1	7/13/2016 6:41:05 AM	A35636
Surr: 1,2-Dichloroethane-d4	110	70-130		%Rec	1	7/13/2016 6:41:05 AM	A35636
Surr: 4-Bromofluorobenzene	94.4	70-130		%Rec	1	7/13/2016 6:41:05 AM	A35636
Surr: Dibromofluoromethane	108	70-130		%Rec	1	7/13/2016 6:41:05 AM	A35636
Surr: Toluene-d8	96.6	70-130		%Rec	1	7/13/2016 6:41:05 AM	A35636

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: MW-14D
Project: Laun-Dry
Collection Date: 7/7/2016 11:00:00 AM
Lab ID: 1607363-004
Matrix: AQUEOUS
Received Date: 7/8/2016 10:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**	
Benzene	ND	1.0		µg/L	1	7/13/2016 7:09:37 AM	A35636
Toluene	ND	1.0		µg/L	1	7/13/2016 7:09:37 AM	A35636
Ethylbenzene	ND	1.0		µg/L	1	7/13/2016 7:09:37 AM	A35636
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	7/13/2016 7:09:37 AM	A35636
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	7/13/2016 7:09:37 AM	A35636
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	7/13/2016 7:09:37 AM	A35636
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	7/13/2016 7:09:37 AM	A35636
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	7/13/2016 7:09:37 AM	A35636
Naphthalene	ND	2.0		µg/L	1	7/13/2016 7:09:37 AM	A35636
1-Methylnaphthalene	ND	4.0		µg/L	1	7/13/2016 7:09:37 AM	A35636
2-Methylnaphthalene	ND	4.0		µg/L	1	7/13/2016 7:09:37 AM	A35636
Acetone	ND	10		µg/L	1	7/13/2016 7:09:37 AM	A35636
Bromobenzene	ND	1.0		µg/L	1	7/13/2016 7:09:37 AM	A35636
Bromodichloromethane	ND	1.0		µg/L	1	7/13/2016 7:09:37 AM	A35636
Bromoform	ND	1.0		µg/L	1	7/13/2016 7:09:37 AM	A35636
Bromomethane	ND	3.0		µg/L	1	7/13/2016 7:09:37 AM	A35636
2-Butanone	ND	10		µg/L	1	7/13/2016 7:09:37 AM	A35636
Carbon disulfide	ND	10		µg/L	1	7/13/2016 7:09:37 AM	A35636
Carbon Tetrachloride	ND	1.0		µg/L	1	7/13/2016 7:09:37 AM	A35636
Chlorobenzene	ND	1.0		µg/L	1	7/13/2016 7:09:37 AM	A35636
Chloroethane	ND	2.0		µg/L	1	7/13/2016 7:09:37 AM	A35636
Chloroform	ND	1.0		µg/L	1	7/13/2016 7:09:37 AM	A35636
Chloromethane	ND	3.0		µg/L	1	7/13/2016 7:09:37 AM	A35636
2-Chlorotoluene	ND	1.0		µg/L	1	7/13/2016 7:09:37 AM	A35636
4-Chlorotoluene	ND	1.0		µg/L	1	7/13/2016 7:09:37 AM	A35636
cis-1,2-DCE	ND	1.0		µg/L	1	7/13/2016 7:09:37 AM	A35636
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	7/13/2016 7:09:37 AM	A35636
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	7/13/2016 7:09:37 AM	A35636
Dibromochloromethane	ND	1.0		µg/L	1	7/13/2016 7:09:37 AM	A35636
Dibromomethane	ND	1.0		µg/L	1	7/13/2016 7:09:37 AM	A35636
1,2-Dichlorobenzene	ND	1.0		µg/L	1	7/13/2016 7:09:37 AM	A35636
1,3-Dichlorobenzene	ND	1.0		µg/L	1	7/13/2016 7:09:37 AM	A35636
1,4-Dichlorobenzene	ND	1.0		µg/L	1	7/13/2016 7:09:37 AM	A35636
Dichlorodifluoromethane	ND	1.0		µg/L	1	7/13/2016 7:09:37 AM	A35636
1,1-Dichloroethane	ND	1.0		µg/L	1	7/13/2016 7:09:37 AM	A35636
1,1-Dichloroethene	ND	1.0		µg/L	1	7/13/2016 7:09:37 AM	A35636
1,2-Dichloropropane	ND	1.0		µg/L	1	7/13/2016 7:09:37 AM	A35636
1,3-Dichloropropane	ND	1.0		µg/L	1	7/13/2016 7:09:37 AM	A35636
2,2-Dichloropropane	ND	2.0		µg/L	1	7/13/2016 7:09:37 AM	A35636

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Laun-Dry
Lab ID: 1607363-004 **Matrix:** AQUEOUS

Client Sample ID: MW-14D
Collection Date: 7/7/2016 11:00:00 AM
Received Date: 7/8/2016 10:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**	
1,1-Dichloropropene	ND	1.0		µg/L	1	7/13/2016 7:09:37 AM	A35636
Hexachlorobutadiene	ND	1.0		µg/L	1	7/13/2016 7:09:37 AM	A35636
2-Hexanone	ND	10		µg/L	1	7/13/2016 7:09:37 AM	A35636
Isopropylbenzene	ND	1.0		µg/L	1	7/13/2016 7:09:37 AM	A35636
4-Isopropyltoluene	ND	1.0		µg/L	1	7/13/2016 7:09:37 AM	A35636
4-Methyl-2-pentanone	ND	10		µg/L	1	7/13/2016 7:09:37 AM	A35636
Methylene Chloride	ND	3.0		µg/L	1	7/13/2016 7:09:37 AM	A35636
n-Butylbenzene	ND	3.0		µg/L	1	7/13/2016 7:09:37 AM	A35636
n-Propylbenzene	ND	1.0		µg/L	1	7/13/2016 7:09:37 AM	A35636
sec-Butylbenzene	ND	1.0		µg/L	1	7/13/2016 7:09:37 AM	A35636
Styrene	ND	1.0		µg/L	1	7/13/2016 7:09:37 AM	A35636
tert-Butylbenzene	ND	1.0		µg/L	1	7/13/2016 7:09:37 AM	A35636
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	7/13/2016 7:09:37 AM	A35636
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	7/13/2016 7:09:37 AM	A35636
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	7/13/2016 7:09:37 AM	A35636
trans-1,2-DCE	ND	1.0		µg/L	1	7/13/2016 7:09:37 AM	A35636
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	7/13/2016 7:09:37 AM	A35636
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	7/13/2016 7:09:37 AM	A35636
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	7/13/2016 7:09:37 AM	A35636
1,1,1-Trichloroethane	ND	1.0		µg/L	1	7/13/2016 7:09:37 AM	A35636
1,1,2-Trichloroethane	ND	1.0		µg/L	1	7/13/2016 7:09:37 AM	A35636
Trichloroethene (TCE)	ND	1.0		µg/L	1	7/13/2016 7:09:37 AM	A35636
Trichlorofluoromethane	ND	1.0		µg/L	1	7/13/2016 7:09:37 AM	A35636
1,2,3-Trichloropropane	ND	2.0		µg/L	1	7/13/2016 7:09:37 AM	A35636
Vinyl chloride	ND	1.0		µg/L	1	7/13/2016 7:09:37 AM	A35636
Xylenes, Total	ND	1.5		µg/L	1	7/13/2016 7:09:37 AM	A35636
Surr: 1,2-Dichloroethane-d4	107	70-130		%Rec	1	7/13/2016 7:09:37 AM	A35636
Surr: 4-Bromofluorobenzene	99.3	70-130		%Rec	1	7/13/2016 7:09:37 AM	A35636
Surr: Dibromofluoromethane	106	70-130		%Rec	1	7/13/2016 7:09:37 AM	A35636
Surr: Toluene-d8	96.6	70-130		%Rec	1	7/13/2016 7:09:37 AM	A35636

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Laun-Dry
Lab ID: 1607363-005 **Matrix:** AQUEOUS

Client Sample ID: MW-18D
Collection Date: 7/7/2016 12:10:00 PM
Received Date: 7/8/2016 10:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**	
Benzene	ND	1.0		µg/L	1	7/13/2016 5:23:30 PM	A35661
Toluene	ND	1.0		µg/L	1	7/13/2016 5:23:30 PM	A35661
Ethylbenzene	ND	1.0		µg/L	1	7/13/2016 5:23:30 PM	A35661
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	7/13/2016 5:23:30 PM	A35661
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	7/13/2016 5:23:30 PM	A35661
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	7/13/2016 5:23:30 PM	A35661
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	7/13/2016 5:23:30 PM	A35661
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	7/13/2016 5:23:30 PM	A35661
Naphthalene	ND	2.0		µg/L	1	7/13/2016 5:23:30 PM	A35661
1-Methylnaphthalene	ND	4.0		µg/L	1	7/13/2016 5:23:30 PM	A35661
2-Methylnaphthalene	ND	4.0		µg/L	1	7/13/2016 5:23:30 PM	A35661
Acetone	ND	10		µg/L	1	7/13/2016 5:23:30 PM	A35661
Bromobenzene	ND	1.0		µg/L	1	7/13/2016 5:23:30 PM	A35661
Bromodichloromethane	ND	1.0		µg/L	1	7/13/2016 5:23:30 PM	A35661
Bromoform	ND	1.0		µg/L	1	7/13/2016 5:23:30 PM	A35661
Bromomethane	ND	3.0		µg/L	1	7/13/2016 5:23:30 PM	A35661
2-Butanone	ND	10		µg/L	1	7/13/2016 5:23:30 PM	A35661
Carbon disulfide	ND	10		µg/L	1	7/13/2016 5:23:30 PM	A35661
Carbon Tetrachloride	ND	1.0		µg/L	1	7/13/2016 5:23:30 PM	A35661
Chlorobenzene	ND	1.0		µg/L	1	7/13/2016 5:23:30 PM	A35661
Chloroethane	ND	2.0		µg/L	1	7/13/2016 5:23:30 PM	A35661
Chloroform	ND	1.0		µg/L	1	7/13/2016 5:23:30 PM	A35661
Chloromethane	ND	3.0		µg/L	1	7/13/2016 5:23:30 PM	A35661
2-Chlorotoluene	ND	1.0		µg/L	1	7/13/2016 5:23:30 PM	A35661
4-Chlorotoluene	ND	1.0		µg/L	1	7/13/2016 5:23:30 PM	A35661
cis-1,2-DCE	ND	1.0		µg/L	1	7/13/2016 5:23:30 PM	A35661
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	7/13/2016 5:23:30 PM	A35661
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	7/13/2016 5:23:30 PM	A35661
Dibromochloromethane	ND	1.0		µg/L	1	7/13/2016 5:23:30 PM	A35661
Dibromomethane	ND	1.0		µg/L	1	7/13/2016 5:23:30 PM	A35661
1,2-Dichlorobenzene	ND	1.0		µg/L	1	7/13/2016 5:23:30 PM	A35661
1,3-Dichlorobenzene	ND	1.0		µg/L	1	7/13/2016 5:23:30 PM	A35661
1,4-Dichlorobenzene	ND	1.0		µg/L	1	7/13/2016 5:23:30 PM	A35661
Dichlorodifluoromethane	ND	1.0		µg/L	1	7/13/2016 5:23:30 PM	A35661
1,1-Dichloroethane	ND	1.0		µg/L	1	7/13/2016 5:23:30 PM	A35661
1,1-Dichloroethene	ND	1.0		µg/L	1	7/13/2016 5:23:30 PM	A35661
1,2-Dichloropropane	ND	1.0		µg/L	1	7/13/2016 5:23:30 PM	A35661
1,3-Dichloropropane	ND	1.0		µg/L	1	7/13/2016 5:23:30 PM	A35661
2,2-Dichloropropane	ND	2.0		µg/L	1	7/13/2016 5:23:30 PM	A35661

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Laun-Dry
Lab ID: 1607363-005 **Matrix:** AQUEOUS

Client Sample ID: MW-18D
Collection Date: 7/7/2016 12:10:00 PM
Received Date: 7/8/2016 10:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**	
1,1-Dichloropropene	ND	1.0		µg/L	1	7/13/2016 5:23:30 PM	A35661
Hexachlorobutadiene	ND	1.0		µg/L	1	7/13/2016 5:23:30 PM	A35661
2-Hexanone	ND	10		µg/L	1	7/13/2016 5:23:30 PM	A35661
Isopropylbenzene	ND	1.0		µg/L	1	7/13/2016 5:23:30 PM	A35661
4-Isopropyltoluene	ND	1.0		µg/L	1	7/13/2016 5:23:30 PM	A35661
4-Methyl-2-pentanone	ND	10		µg/L	1	7/13/2016 5:23:30 PM	A35661
Methylene Chloride	ND	3.0		µg/L	1	7/13/2016 5:23:30 PM	A35661
n-Butylbenzene	ND	3.0		µg/L	1	7/13/2016 5:23:30 PM	A35661
n-Propylbenzene	ND	1.0		µg/L	1	7/13/2016 5:23:30 PM	A35661
sec-Butylbenzene	ND	1.0		µg/L	1	7/13/2016 5:23:30 PM	A35661
Styrene	ND	1.0		µg/L	1	7/13/2016 5:23:30 PM	A35661
tert-Butylbenzene	ND	1.0		µg/L	1	7/13/2016 5:23:30 PM	A35661
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	7/13/2016 5:23:30 PM	A35661
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	7/13/2016 5:23:30 PM	A35661
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	7/13/2016 5:23:30 PM	A35661
trans-1,2-DCE	ND	1.0		µg/L	1	7/13/2016 5:23:30 PM	A35661
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	7/13/2016 5:23:30 PM	A35661
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	7/13/2016 5:23:30 PM	A35661
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	7/13/2016 5:23:30 PM	A35661
1,1,1-Trichloroethane	ND	1.0		µg/L	1	7/13/2016 5:23:30 PM	A35661
1,1,2-Trichloroethane	ND	1.0		µg/L	1	7/13/2016 5:23:30 PM	A35661
Trichloroethene (TCE)	ND	1.0		µg/L	1	7/13/2016 5:23:30 PM	A35661
Trichlorofluoromethane	ND	1.0		µg/L	1	7/13/2016 5:23:30 PM	A35661
1,2,3-Trichloropropane	ND	2.0		µg/L	1	7/13/2016 5:23:30 PM	A35661
Vinyl chloride	ND	1.0		µg/L	1	7/13/2016 5:23:30 PM	A35661
Xylenes, Total	ND	1.5		µg/L	1	7/13/2016 5:23:30 PM	A35661
Surr: 1,2-Dichloroethane-d4	115	70-130		%Rec	1	7/13/2016 5:23:30 PM	A35661
Surr: 4-Bromofluorobenzene	90.3	70-130		%Rec	1	7/13/2016 5:23:30 PM	A35661
Surr: Dibromofluoromethane	112	70-130		%Rec	1	7/13/2016 5:23:30 PM	A35661
Surr: Toluene-d8	94.0	70-130		%Rec	1	7/13/2016 5:23:30 PM	A35661

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Laun-Dry
Lab ID: 1607363-006 **Matrix:** AQUEOUS

Client Sample ID: MW-6C
Collection Date: 7/7/2016 1:03:00 PM
Received Date: 7/8/2016 10:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**	
Benzene	ND	1.0		µg/L	1	7/13/2016 6:49:19 PM	A35661
Toluene	ND	1.0		µg/L	1	7/13/2016 6:49:19 PM	A35661
Ethylbenzene	ND	1.0		µg/L	1	7/13/2016 6:49:19 PM	A35661
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	7/13/2016 6:49:19 PM	A35661
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	7/13/2016 6:49:19 PM	A35661
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	7/13/2016 6:49:19 PM	A35661
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	7/13/2016 6:49:19 PM	A35661
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	7/13/2016 6:49:19 PM	A35661
Naphthalene	ND	2.0		µg/L	1	7/13/2016 6:49:19 PM	A35661
1-Methylnaphthalene	ND	4.0		µg/L	1	7/13/2016 6:49:19 PM	A35661
2-Methylnaphthalene	ND	4.0		µg/L	1	7/13/2016 6:49:19 PM	A35661
Acetone	ND	10		µg/L	1	7/13/2016 6:49:19 PM	A35661
Bromobenzene	ND	1.0		µg/L	1	7/13/2016 6:49:19 PM	A35661
Bromodichloromethane	ND	1.0		µg/L	1	7/13/2016 6:49:19 PM	A35661
Bromoform	ND	1.0		µg/L	1	7/13/2016 6:49:19 PM	A35661
Bromomethane	ND	3.0		µg/L	1	7/13/2016 6:49:19 PM	A35661
2-Butanone	ND	10		µg/L	1	7/13/2016 6:49:19 PM	A35661
Carbon disulfide	ND	10		µg/L	1	7/13/2016 6:49:19 PM	A35661
Carbon Tetrachloride	ND	1.0		µg/L	1	7/13/2016 6:49:19 PM	A35661
Chlorobenzene	ND	1.0		µg/L	1	7/13/2016 6:49:19 PM	A35661
Chloroethane	ND	2.0		µg/L	1	7/13/2016 6:49:19 PM	A35661
Chloroform	ND	1.0		µg/L	1	7/13/2016 6:49:19 PM	A35661
Chloromethane	ND	3.0		µg/L	1	7/13/2016 6:49:19 PM	A35661
2-Chlorotoluene	ND	1.0		µg/L	1	7/13/2016 6:49:19 PM	A35661
4-Chlorotoluene	ND	1.0		µg/L	1	7/13/2016 6:49:19 PM	A35661
cis-1,2-DCE	16	1.0		µg/L	1	7/13/2016 6:49:19 PM	A35661
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	7/13/2016 6:49:19 PM	A35661
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	7/13/2016 6:49:19 PM	A35661
Dibromochloromethane	ND	1.0		µg/L	1	7/13/2016 6:49:19 PM	A35661
Dibromomethane	ND	1.0		µg/L	1	7/13/2016 6:49:19 PM	A35661
1,2-Dichlorobenzene	ND	1.0		µg/L	1	7/13/2016 6:49:19 PM	A35661
1,3-Dichlorobenzene	ND	1.0		µg/L	1	7/13/2016 6:49:19 PM	A35661
1,4-Dichlorobenzene	ND	1.0		µg/L	1	7/13/2016 6:49:19 PM	A35661
Dichlorodifluoromethane	ND	1.0		µg/L	1	7/13/2016 6:49:19 PM	A35661
1,1-Dichloroethane	ND	1.0		µg/L	1	7/13/2016 6:49:19 PM	A35661
1,1-Dichloroethene	ND	1.0		µg/L	1	7/13/2016 6:49:19 PM	A35661
1,2-Dichloropropane	ND	1.0		µg/L	1	7/13/2016 6:49:19 PM	A35661
1,3-Dichloropropane	ND	1.0		µg/L	1	7/13/2016 6:49:19 PM	A35661
2,2-Dichloropropane	ND	2.0		µg/L	1	7/13/2016 6:49:19 PM	A35661

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Laun-Dry
Lab ID: 1607363-006 **Matrix:** AQUEOUS

Client Sample ID: MW-6C
Collection Date: 7/7/2016 1:03:00 PM
Received Date: 7/8/2016 10:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**	
1,1-Dichloropropene	ND	1.0		µg/L	1	7/13/2016 6:49:19 PM	A35661
Hexachlorobutadiene	ND	1.0		µg/L	1	7/13/2016 6:49:19 PM	A35661
2-Hexanone	ND	10		µg/L	1	7/13/2016 6:49:19 PM	A35661
Isopropylbenzene	ND	1.0		µg/L	1	7/13/2016 6:49:19 PM	A35661
4-Isopropyltoluene	ND	1.0		µg/L	1	7/13/2016 6:49:19 PM	A35661
4-Methyl-2-pentanone	ND	10		µg/L	1	7/13/2016 6:49:19 PM	A35661
Methylene Chloride	ND	3.0		µg/L	1	7/13/2016 6:49:19 PM	A35661
n-Butylbenzene	ND	3.0		µg/L	1	7/13/2016 6:49:19 PM	A35661
n-Propylbenzene	ND	1.0		µg/L	1	7/13/2016 6:49:19 PM	A35661
sec-Butylbenzene	ND	1.0		µg/L	1	7/13/2016 6:49:19 PM	A35661
Styrene	ND	1.0		µg/L	1	7/13/2016 6:49:19 PM	A35661
tert-Butylbenzene	ND	1.0		µg/L	1	7/13/2016 6:49:19 PM	A35661
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	7/13/2016 6:49:19 PM	A35661
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	7/13/2016 6:49:19 PM	A35661
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	7/13/2016 6:49:19 PM	A35661
trans-1,2-DCE	2.6	1.0		µg/L	1	7/13/2016 6:49:19 PM	A35661
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	7/13/2016 6:49:19 PM	A35661
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	7/13/2016 6:49:19 PM	A35661
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	7/13/2016 6:49:19 PM	A35661
1,1,1-Trichloroethane	ND	1.0		µg/L	1	7/13/2016 6:49:19 PM	A35661
1,1,2-Trichloroethane	ND	1.0		µg/L	1	7/13/2016 6:49:19 PM	A35661
Trichloroethene (TCE)	1.5	1.0		µg/L	1	7/13/2016 6:49:19 PM	A35661
Trichlorofluoromethane	ND	1.0		µg/L	1	7/13/2016 6:49:19 PM	A35661
1,2,3-Trichloropropane	ND	2.0		µg/L	1	7/13/2016 6:49:19 PM	A35661
Vinyl chloride	ND	1.0		µg/L	1	7/13/2016 6:49:19 PM	A35661
Xylenes, Total	ND	1.5		µg/L	1	7/13/2016 6:49:19 PM	A35661
Surr: 1,2-Dichloroethane-d4	115	70-130		%Rec	1	7/13/2016 6:49:19 PM	A35661
Surr: 4-Bromofluorobenzene	96.6	70-130		%Rec	1	7/13/2016 6:49:19 PM	A35661
Surr: Dibromofluoromethane	113	70-130		%Rec	1	7/13/2016 6:49:19 PM	A35661
Surr: Toluene-d8	96.2	70-130		%Rec	1	7/13/2016 6:49:19 PM	A35661

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: MW-6A
Project: Laun-Dry
Collection Date: 7/7/2016 1:45:00 PM
Lab ID: 1607363-007
Matrix: AQUEOUS
Received Date: 7/8/2016 10:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**	
Benzene	ND	1.0		µg/L	1	7/13/2016 7:17:52 PM	A35661
Toluene	ND	1.0		µg/L	1	7/13/2016 7:17:52 PM	A35661
Ethylbenzene	ND	1.0		µg/L	1	7/13/2016 7:17:52 PM	A35661
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	7/13/2016 7:17:52 PM	A35661
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	7/13/2016 7:17:52 PM	A35661
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	7/13/2016 7:17:52 PM	A35661
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	7/13/2016 7:17:52 PM	A35661
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	7/13/2016 7:17:52 PM	A35661
Naphthalene	ND	2.0		µg/L	1	7/13/2016 7:17:52 PM	A35661
1-Methylnaphthalene	ND	4.0		µg/L	1	7/13/2016 7:17:52 PM	A35661
2-Methylnaphthalene	ND	4.0		µg/L	1	7/13/2016 7:17:52 PM	A35661
Acetone	ND	10		µg/L	1	7/13/2016 7:17:52 PM	A35661
Bromobenzene	ND	1.0		µg/L	1	7/13/2016 7:17:52 PM	A35661
Bromodichloromethane	ND	1.0		µg/L	1	7/13/2016 7:17:52 PM	A35661
Bromoform	ND	1.0		µg/L	1	7/13/2016 7:17:52 PM	A35661
Bromomethane	ND	3.0		µg/L	1	7/13/2016 7:17:52 PM	A35661
2-Butanone	ND	10		µg/L	1	7/13/2016 7:17:52 PM	A35661
Carbon disulfide	ND	10		µg/L	1	7/13/2016 7:17:52 PM	A35661
Carbon Tetrachloride	ND	1.0		µg/L	1	7/13/2016 7:17:52 PM	A35661
Chlorobenzene	ND	1.0		µg/L	1	7/13/2016 7:17:52 PM	A35661
Chloroethane	ND	2.0		µg/L	1	7/13/2016 7:17:52 PM	A35661
Chloroform	ND	1.0		µg/L	1	7/13/2016 7:17:52 PM	A35661
Chloromethane	ND	3.0		µg/L	1	7/13/2016 7:17:52 PM	A35661
2-Chlorotoluene	ND	1.0		µg/L	1	7/13/2016 7:17:52 PM	A35661
4-Chlorotoluene	ND	1.0		µg/L	1	7/13/2016 7:17:52 PM	A35661
cis-1,2-DCE	2.4	1.0		µg/L	1	7/13/2016 7:17:52 PM	A35661
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	7/13/2016 7:17:52 PM	A35661
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	7/13/2016 7:17:52 PM	A35661
Dibromochloromethane	ND	1.0		µg/L	1	7/13/2016 7:17:52 PM	A35661
Dibromomethane	ND	1.0		µg/L	1	7/13/2016 7:17:52 PM	A35661
1,2-Dichlorobenzene	ND	1.0		µg/L	1	7/13/2016 7:17:52 PM	A35661
1,3-Dichlorobenzene	ND	1.0		µg/L	1	7/13/2016 7:17:52 PM	A35661
1,4-Dichlorobenzene	ND	1.0		µg/L	1	7/13/2016 7:17:52 PM	A35661
Dichlorodifluoromethane	ND	1.0		µg/L	1	7/13/2016 7:17:52 PM	A35661
1,1-Dichloroethane	ND	1.0		µg/L	1	7/13/2016 7:17:52 PM	A35661
1,1-Dichloroethene	ND	1.0		µg/L	1	7/13/2016 7:17:52 PM	A35661
1,2-Dichloropropane	ND	1.0		µg/L	1	7/13/2016 7:17:52 PM	A35661
1,3-Dichloropropane	ND	1.0		µg/L	1	7/13/2016 7:17:52 PM	A35661
2,2-Dichloropropane	ND	2.0		µg/L	1	7/13/2016 7:17:52 PM	A35661

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: MW-6A
Project: Laun-Dry
Collection Date: 7/7/2016 1:45:00 PM
Lab ID: 1607363-007
Matrix: AQUEOUS
Received Date: 7/8/2016 10:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**	
1,1-Dichloropropene	ND	1.0		µg/L	1	7/13/2016 7:17:52 PM	A35661
Hexachlorobutadiene	ND	1.0		µg/L	1	7/13/2016 7:17:52 PM	A35661
2-Hexanone	ND	10		µg/L	1	7/13/2016 7:17:52 PM	A35661
Isopropylbenzene	ND	1.0		µg/L	1	7/13/2016 7:17:52 PM	A35661
4-Isopropyltoluene	ND	1.0		µg/L	1	7/13/2016 7:17:52 PM	A35661
4-Methyl-2-pentanone	ND	10		µg/L	1	7/13/2016 7:17:52 PM	A35661
Methylene Chloride	ND	3.0		µg/L	1	7/13/2016 7:17:52 PM	A35661
n-Butylbenzene	ND	3.0		µg/L	1	7/13/2016 7:17:52 PM	A35661
n-Propylbenzene	ND	1.0		µg/L	1	7/13/2016 7:17:52 PM	A35661
sec-Butylbenzene	ND	1.0		µg/L	1	7/13/2016 7:17:52 PM	A35661
Styrene	ND	1.0		µg/L	1	7/13/2016 7:17:52 PM	A35661
tert-Butylbenzene	ND	1.0		µg/L	1	7/13/2016 7:17:52 PM	A35661
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	7/13/2016 7:17:52 PM	A35661
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	7/13/2016 7:17:52 PM	A35661
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	7/13/2016 7:17:52 PM	A35661
trans-1,2-DCE	ND	1.0		µg/L	1	7/13/2016 7:17:52 PM	A35661
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	7/13/2016 7:17:52 PM	A35661
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	7/13/2016 7:17:52 PM	A35661
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	7/13/2016 7:17:52 PM	A35661
1,1,1-Trichloroethane	ND	1.0		µg/L	1	7/13/2016 7:17:52 PM	A35661
1,1,2-Trichloroethane	ND	1.0		µg/L	1	7/13/2016 7:17:52 PM	A35661
Trichloroethene (TCE)	5.0	1.0		µg/L	1	7/13/2016 7:17:52 PM	A35661
Trichlorofluoromethane	ND	1.0		µg/L	1	7/13/2016 7:17:52 PM	A35661
1,2,3-Trichloropropane	ND	2.0		µg/L	1	7/13/2016 7:17:52 PM	A35661
Vinyl chloride	ND	1.0		µg/L	1	7/13/2016 7:17:52 PM	A35661
Xylenes, Total	ND	1.5		µg/L	1	7/13/2016 7:17:52 PM	A35661
Surr: 1,2-Dichloroethane-d4	117	70-130		%Rec	1	7/13/2016 7:17:52 PM	A35661
Surr: 4-Bromofluorobenzene	93.6	70-130		%Rec	1	7/13/2016 7:17:52 PM	A35661
Surr: Dibromofluoromethane	115	70-130		%Rec	1	7/13/2016 7:17:52 PM	A35661
Surr: Toluene-d8	95.1	70-130		%Rec	1	7/13/2016 7:17:52 PM	A35661

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Laun-Dry
Lab ID: 1607363-008 **Matrix:** AQUEOUS

Client Sample ID: MW-6B
Collection Date: 7/7/2016 2:33:00 PM
Received Date: 7/8/2016 10:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**	
Benzene	ND	1.0		µg/L	1	7/13/2016 8:15:00 PM	A35661
Toluene	ND	1.0		µg/L	1	7/13/2016 8:15:00 PM	A35661
Ethylbenzene	ND	1.0		µg/L	1	7/13/2016 8:15:00 PM	A35661
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	7/13/2016 8:15:00 PM	A35661
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	7/13/2016 8:15:00 PM	A35661
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	7/13/2016 8:15:00 PM	A35661
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	7/13/2016 8:15:00 PM	A35661
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	7/13/2016 8:15:00 PM	A35661
Naphthalene	ND	2.0		µg/L	1	7/13/2016 8:15:00 PM	A35661
1-Methylnaphthalene	ND	4.0		µg/L	1	7/13/2016 8:15:00 PM	A35661
2-Methylnaphthalene	ND	4.0		µg/L	1	7/13/2016 8:15:00 PM	A35661
Acetone	ND	10		µg/L	1	7/13/2016 8:15:00 PM	A35661
Bromobenzene	ND	1.0		µg/L	1	7/13/2016 8:15:00 PM	A35661
Bromodichloromethane	ND	1.0		µg/L	1	7/13/2016 8:15:00 PM	A35661
Bromoform	ND	1.0		µg/L	1	7/13/2016 8:15:00 PM	A35661
Bromomethane	ND	3.0		µg/L	1	7/13/2016 8:15:00 PM	A35661
2-Butanone	ND	10		µg/L	1	7/13/2016 8:15:00 PM	A35661
Carbon disulfide	ND	10		µg/L	1	7/13/2016 8:15:00 PM	A35661
Carbon Tetrachloride	ND	1.0		µg/L	1	7/13/2016 8:15:00 PM	A35661
Chlorobenzene	ND	1.0		µg/L	1	7/13/2016 8:15:00 PM	A35661
Chloroethane	ND	2.0		µg/L	1	7/13/2016 8:15:00 PM	A35661
Chloroform	ND	1.0		µg/L	1	7/13/2016 8:15:00 PM	A35661
Chloromethane	ND	3.0		µg/L	1	7/13/2016 8:15:00 PM	A35661
2-Chlorotoluene	ND	1.0		µg/L	1	7/13/2016 8:15:00 PM	A35661
4-Chlorotoluene	ND	1.0		µg/L	1	7/13/2016 8:15:00 PM	A35661
cis-1,2-DCE	ND	1.0		µg/L	1	7/13/2016 8:15:00 PM	A35661
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	7/13/2016 8:15:00 PM	A35661
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	7/13/2016 8:15:00 PM	A35661
Dibromochloromethane	ND	1.0		µg/L	1	7/13/2016 8:15:00 PM	A35661
Dibromomethane	ND	1.0		µg/L	1	7/13/2016 8:15:00 PM	A35661
1,2-Dichlorobenzene	ND	1.0		µg/L	1	7/13/2016 8:15:00 PM	A35661
1,3-Dichlorobenzene	ND	1.0		µg/L	1	7/13/2016 8:15:00 PM	A35661
1,4-Dichlorobenzene	ND	1.0		µg/L	1	7/13/2016 8:15:00 PM	A35661
Dichlorodifluoromethane	ND	1.0		µg/L	1	7/13/2016 8:15:00 PM	A35661
1,1-Dichloroethane	ND	1.0		µg/L	1	7/13/2016 8:15:00 PM	A35661
1,1-Dichloroethene	ND	1.0		µg/L	1	7/13/2016 8:15:00 PM	A35661
1,2-Dichloropropane	ND	1.0		µg/L	1	7/13/2016 8:15:00 PM	A35661
1,3-Dichloropropane	ND	1.0		µg/L	1	7/13/2016 8:15:00 PM	A35661
2,2-Dichloropropane	ND	2.0		µg/L	1	7/13/2016 8:15:00 PM	A35661

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: MW-6B
Project: Laun-Dry
Collection Date: 7/7/2016 2:33:00 PM
Lab ID: 1607363-008
Matrix: AQUEOUS
Received Date: 7/8/2016 10:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**	
1,1-Dichloropropene	ND	1.0		µg/L	1	7/13/2016 8:15:00 PM	A35661
Hexachlorobutadiene	ND	1.0		µg/L	1	7/13/2016 8:15:00 PM	A35661
2-Hexanone	ND	10		µg/L	1	7/13/2016 8:15:00 PM	A35661
Isopropylbenzene	ND	1.0		µg/L	1	7/13/2016 8:15:00 PM	A35661
4-Isopropyltoluene	ND	1.0		µg/L	1	7/13/2016 8:15:00 PM	A35661
4-Methyl-2-pentanone	ND	10		µg/L	1	7/13/2016 8:15:00 PM	A35661
Methylene Chloride	ND	3.0		µg/L	1	7/13/2016 8:15:00 PM	A35661
n-Butylbenzene	ND	3.0		µg/L	1	7/13/2016 8:15:00 PM	A35661
n-Propylbenzene	ND	1.0		µg/L	1	7/13/2016 8:15:00 PM	A35661
sec-Butylbenzene	ND	1.0		µg/L	1	7/13/2016 8:15:00 PM	A35661
Styrene	ND	1.0		µg/L	1	7/13/2016 8:15:00 PM	A35661
tert-Butylbenzene	ND	1.0		µg/L	1	7/13/2016 8:15:00 PM	A35661
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	7/13/2016 8:15:00 PM	A35661
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	7/13/2016 8:15:00 PM	A35661
Tetrachloroethene (PCE)	36	1.0		µg/L	1	7/13/2016 8:15:00 PM	A35661
trans-1,2-DCE	ND	1.0		µg/L	1	7/13/2016 8:15:00 PM	A35661
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	7/13/2016 8:15:00 PM	A35661
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	7/13/2016 8:15:00 PM	A35661
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	7/13/2016 8:15:00 PM	A35661
1,1,1-Trichloroethane	ND	1.0		µg/L	1	7/13/2016 8:15:00 PM	A35661
1,1,2-Trichloroethane	ND	1.0		µg/L	1	7/13/2016 8:15:00 PM	A35661
Trichloroethene (TCE)	2.7	1.0		µg/L	1	7/13/2016 8:15:00 PM	A35661
Trichlorofluoromethane	ND	1.0		µg/L	1	7/13/2016 8:15:00 PM	A35661
1,2,3-Trichloropropane	ND	2.0		µg/L	1	7/13/2016 8:15:00 PM	A35661
Vinyl chloride	ND	1.0		µg/L	1	7/13/2016 8:15:00 PM	A35661
Xylenes, Total	ND	1.5		µg/L	1	7/13/2016 8:15:00 PM	A35661
Surr: 1,2-Dichloroethane-d4	110	70-130		%Rec	1	7/13/2016 8:15:00 PM	A35661
Surr: 4-Bromofluorobenzene	97.7	70-130		%Rec	1	7/13/2016 8:15:00 PM	A35661
Surr: Dibromofluoromethane	108	70-130		%Rec	1	7/13/2016 8:15:00 PM	A35661
Surr: Toluene-d8	96.0	70-130		%Rec	1	7/13/2016 8:15:00 PM	A35661

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Laun-Dry
Lab ID: 1607363-009 **Matrix:** AQUEOUS

Client Sample ID: Sunset Production Wells
Collection Date: 7/7/2016 3:35:00 PM
Received Date: 7/8/2016 10:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**	
Benzene	ND	1.0		µg/L	1	7/13/2016 8:43:33 PM	A35661
Toluene	ND	1.0		µg/L	1	7/13/2016 8:43:33 PM	A35661
Ethylbenzene	ND	1.0		µg/L	1	7/13/2016 8:43:33 PM	A35661
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	7/13/2016 8:43:33 PM	A35661
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	7/13/2016 8:43:33 PM	A35661
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	7/13/2016 8:43:33 PM	A35661
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	7/13/2016 8:43:33 PM	A35661
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	7/13/2016 8:43:33 PM	A35661
Naphthalene	ND	2.0		µg/L	1	7/13/2016 8:43:33 PM	A35661
1-Methylnaphthalene	ND	4.0		µg/L	1	7/13/2016 8:43:33 PM	A35661
2-Methylnaphthalene	ND	4.0		µg/L	1	7/13/2016 8:43:33 PM	A35661
Acetone	ND	10		µg/L	1	7/13/2016 8:43:33 PM	A35661
Bromobenzene	ND	1.0		µg/L	1	7/13/2016 8:43:33 PM	A35661
Bromodichloromethane	ND	1.0		µg/L	1	7/13/2016 8:43:33 PM	A35661
Bromoform	ND	1.0		µg/L	1	7/13/2016 8:43:33 PM	A35661
Bromomethane	ND	3.0		µg/L	1	7/13/2016 8:43:33 PM	A35661
2-Butanone	ND	10		µg/L	1	7/13/2016 8:43:33 PM	A35661
Carbon disulfide	ND	10		µg/L	1	7/13/2016 8:43:33 PM	A35661
Carbon Tetrachloride	ND	1.0		µg/L	1	7/13/2016 8:43:33 PM	A35661
Chlorobenzene	ND	1.0		µg/L	1	7/13/2016 8:43:33 PM	A35661
Chloroethane	ND	2.0		µg/L	1	7/13/2016 8:43:33 PM	A35661
Chloroform	ND	1.0		µg/L	1	7/13/2016 8:43:33 PM	A35661
Chloromethane	ND	3.0		µg/L	1	7/13/2016 8:43:33 PM	A35661
2-Chlorotoluene	ND	1.0		µg/L	1	7/13/2016 8:43:33 PM	A35661
4-Chlorotoluene	ND	1.0		µg/L	1	7/13/2016 8:43:33 PM	A35661
cis-1,2-DCE	ND	1.0		µg/L	1	7/13/2016 8:43:33 PM	A35661
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	7/13/2016 8:43:33 PM	A35661
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	7/13/2016 8:43:33 PM	A35661
Dibromochloromethane	ND	1.0		µg/L	1	7/13/2016 8:43:33 PM	A35661
Dibromomethane	ND	1.0		µg/L	1	7/13/2016 8:43:33 PM	A35661
1,2-Dichlorobenzene	ND	1.0		µg/L	1	7/13/2016 8:43:33 PM	A35661
1,3-Dichlorobenzene	ND	1.0		µg/L	1	7/13/2016 8:43:33 PM	A35661
1,4-Dichlorobenzene	ND	1.0		µg/L	1	7/13/2016 8:43:33 PM	A35661
Dichlorodifluoromethane	ND	1.0		µg/L	1	7/13/2016 8:43:33 PM	A35661
1,1-Dichloroethane	ND	1.0		µg/L	1	7/13/2016 8:43:33 PM	A35661
1,1-Dichloroethene	ND	1.0		µg/L	1	7/13/2016 8:43:33 PM	A35661
1,2-Dichloropropane	ND	1.0		µg/L	1	7/13/2016 8:43:33 PM	A35661
1,3-Dichloropropane	ND	1.0		µg/L	1	7/13/2016 8:43:33 PM	A35661
2,2-Dichloropropane	ND	2.0		µg/L	1	7/13/2016 8:43:33 PM	A35661

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Laun-Dry
Lab ID: 1607363-009 **Matrix:** AQUEOUS

Client Sample ID: Sunset Production Wells
Collection Date: 7/7/2016 3:35:00 PM
Received Date: 7/8/2016 10:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**	
1,1-Dichloropropene	ND	1.0		µg/L	1	7/13/2016 8:43:33 PM	A35661
Hexachlorobutadiene	ND	1.0		µg/L	1	7/13/2016 8:43:33 PM	A35661
2-Hexanone	ND	10		µg/L	1	7/13/2016 8:43:33 PM	A35661
Isopropylbenzene	ND	1.0		µg/L	1	7/13/2016 8:43:33 PM	A35661
4-Isopropyltoluene	ND	1.0		µg/L	1	7/13/2016 8:43:33 PM	A35661
4-Methyl-2-pentanone	ND	10		µg/L	1	7/13/2016 8:43:33 PM	A35661
Methylene Chloride	ND	3.0		µg/L	1	7/13/2016 8:43:33 PM	A35661
n-Butylbenzene	ND	3.0		µg/L	1	7/13/2016 8:43:33 PM	A35661
n-Propylbenzene	ND	1.0		µg/L	1	7/13/2016 8:43:33 PM	A35661
sec-Butylbenzene	ND	1.0		µg/L	1	7/13/2016 8:43:33 PM	A35661
Styrene	ND	1.0		µg/L	1	7/13/2016 8:43:33 PM	A35661
tert-Butylbenzene	ND	1.0		µg/L	1	7/13/2016 8:43:33 PM	A35661
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	7/13/2016 8:43:33 PM	A35661
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	7/13/2016 8:43:33 PM	A35661
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	7/13/2016 8:43:33 PM	A35661
trans-1,2-DCE	ND	1.0		µg/L	1	7/13/2016 8:43:33 PM	A35661
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	7/13/2016 8:43:33 PM	A35661
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	7/13/2016 8:43:33 PM	A35661
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	7/13/2016 8:43:33 PM	A35661
1,1,1-Trichloroethane	ND	1.0		µg/L	1	7/13/2016 8:43:33 PM	A35661
1,1,2-Trichloroethane	ND	1.0		µg/L	1	7/13/2016 8:43:33 PM	A35661
Trichloroethene (TCE)	ND	1.0		µg/L	1	7/13/2016 8:43:33 PM	A35661
Trichlorofluoromethane	ND	1.0		µg/L	1	7/13/2016 8:43:33 PM	A35661
1,2,3-Trichloropropane	ND	2.0		µg/L	1	7/13/2016 8:43:33 PM	A35661
Vinyl chloride	ND	1.0		µg/L	1	7/13/2016 8:43:33 PM	A35661
Xylenes, Total	ND	1.5		µg/L	1	7/13/2016 8:43:33 PM	A35661
Surr: 1,2-Dichloroethane-d4	112	70-130		%Rec	1	7/13/2016 8:43:33 PM	A35661
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	1	7/13/2016 8:43:33 PM	A35661
Surr: Dibromofluoromethane	113	70-130		%Rec	1	7/13/2016 8:43:33 PM	A35661
Surr: Toluene-d8	95.6	70-130		%Rec	1	7/13/2016 8:43:33 PM	A35661

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Laun-Dry
Lab ID: 1607363-010 **Matrix:** AQUEOUS

Client Sample ID: Sunset Hand Pump Wells
Collection Date: 7/7/2016 3:35:00 PM
Received Date: 7/8/2016 10:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**	
Benzene	ND	1.0		µg/L	1	7/13/2016 9:12:02 PM	A35661
Toluene	ND	1.0		µg/L	1	7/13/2016 9:12:02 PM	A35661
Ethylbenzene	ND	1.0		µg/L	1	7/13/2016 9:12:02 PM	A35661
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	7/13/2016 9:12:02 PM	A35661
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	7/13/2016 9:12:02 PM	A35661
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	7/13/2016 9:12:02 PM	A35661
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	7/13/2016 9:12:02 PM	A35661
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	7/13/2016 9:12:02 PM	A35661
Naphthalene	ND	2.0		µg/L	1	7/13/2016 9:12:02 PM	A35661
1-Methylnaphthalene	ND	4.0		µg/L	1	7/13/2016 9:12:02 PM	A35661
2-Methylnaphthalene	ND	4.0		µg/L	1	7/13/2016 9:12:02 PM	A35661
Acetone	ND	10		µg/L	1	7/13/2016 9:12:02 PM	A35661
Bromobenzene	ND	1.0		µg/L	1	7/13/2016 9:12:02 PM	A35661
Bromodichloromethane	ND	1.0		µg/L	1	7/13/2016 9:12:02 PM	A35661
Bromoform	ND	1.0		µg/L	1	7/13/2016 9:12:02 PM	A35661
Bromomethane	ND	3.0		µg/L	1	7/13/2016 9:12:02 PM	A35661
2-Butanone	ND	10		µg/L	1	7/13/2016 9:12:02 PM	A35661
Carbon disulfide	ND	10		µg/L	1	7/13/2016 9:12:02 PM	A35661
Carbon Tetrachloride	ND	1.0		µg/L	1	7/13/2016 9:12:02 PM	A35661
Chlorobenzene	ND	1.0		µg/L	1	7/13/2016 9:12:02 PM	A35661
Chloroethane	ND	2.0		µg/L	1	7/13/2016 9:12:02 PM	A35661
Chloroform	ND	1.0		µg/L	1	7/13/2016 9:12:02 PM	A35661
Chloromethane	ND	3.0		µg/L	1	7/13/2016 9:12:02 PM	A35661
2-Chlorotoluene	ND	1.0		µg/L	1	7/13/2016 9:12:02 PM	A35661
4-Chlorotoluene	ND	1.0		µg/L	1	7/13/2016 9:12:02 PM	A35661
cis-1,2-DCE	ND	1.0		µg/L	1	7/13/2016 9:12:02 PM	A35661
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	7/13/2016 9:12:02 PM	A35661
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	7/13/2016 9:12:02 PM	A35661
Dibromochloromethane	ND	1.0		µg/L	1	7/13/2016 9:12:02 PM	A35661
Dibromomethane	ND	1.0		µg/L	1	7/13/2016 9:12:02 PM	A35661
1,2-Dichlorobenzene	ND	1.0		µg/L	1	7/13/2016 9:12:02 PM	A35661
1,3-Dichlorobenzene	ND	1.0		µg/L	1	7/13/2016 9:12:02 PM	A35661
1,4-Dichlorobenzene	ND	1.0		µg/L	1	7/13/2016 9:12:02 PM	A35661
Dichlorodifluoromethane	ND	1.0		µg/L	1	7/13/2016 9:12:02 PM	A35661
1,1-Dichloroethane	ND	1.0		µg/L	1	7/13/2016 9:12:02 PM	A35661
1,1-Dichloroethene	ND	1.0		µg/L	1	7/13/2016 9:12:02 PM	A35661
1,2-Dichloropropane	ND	1.0		µg/L	1	7/13/2016 9:12:02 PM	A35661
1,3-Dichloropropane	ND	1.0		µg/L	1	7/13/2016 9:12:02 PM	A35661
2,2-Dichloropropane	ND	2.0		µg/L	1	7/13/2016 9:12:02 PM	A35661

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Laun-Dry
Lab ID: 1607363-010 **Matrix:** AQUEOUS

Client Sample ID: Sunset Hand Pump Wells
Collection Date: 7/7/2016 3:35:00 PM
Received Date: 7/8/2016 10:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**	
1,1-Dichloropropene	ND	1.0		µg/L	1	7/13/2016 9:12:02 PM	A35661
Hexachlorobutadiene	ND	1.0		µg/L	1	7/13/2016 9:12:02 PM	A35661
2-Hexanone	ND	10		µg/L	1	7/13/2016 9:12:02 PM	A35661
Isopropylbenzene	ND	1.0		µg/L	1	7/13/2016 9:12:02 PM	A35661
4-Isopropyltoluene	ND	1.0		µg/L	1	7/13/2016 9:12:02 PM	A35661
4-Methyl-2-pentanone	ND	10		µg/L	1	7/13/2016 9:12:02 PM	A35661
Methylene Chloride	ND	3.0		µg/L	1	7/13/2016 9:12:02 PM	A35661
n-Butylbenzene	ND	3.0		µg/L	1	7/13/2016 9:12:02 PM	A35661
n-Propylbenzene	ND	1.0		µg/L	1	7/13/2016 9:12:02 PM	A35661
sec-Butylbenzene	ND	1.0		µg/L	1	7/13/2016 9:12:02 PM	A35661
Styrene	ND	1.0		µg/L	1	7/13/2016 9:12:02 PM	A35661
tert-Butylbenzene	ND	1.0		µg/L	1	7/13/2016 9:12:02 PM	A35661
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	7/13/2016 9:12:02 PM	A35661
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	7/13/2016 9:12:02 PM	A35661
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	7/13/2016 9:12:02 PM	A35661
trans-1,2-DCE	ND	1.0		µg/L	1	7/13/2016 9:12:02 PM	A35661
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	7/13/2016 9:12:02 PM	A35661
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	7/13/2016 9:12:02 PM	A35661
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	7/13/2016 9:12:02 PM	A35661
1,1,1-Trichloroethane	ND	1.0		µg/L	1	7/13/2016 9:12:02 PM	A35661
1,1,2-Trichloroethane	ND	1.0		µg/L	1	7/13/2016 9:12:02 PM	A35661
Trichloroethene (TCE)	1.6	1.0		µg/L	1	7/13/2016 9:12:02 PM	A35661
Trichlorofluoromethane	ND	1.0		µg/L	1	7/13/2016 9:12:02 PM	A35661
1,2,3-Trichloropropane	ND	2.0		µg/L	1	7/13/2016 9:12:02 PM	A35661
Vinyl chloride	ND	1.0		µg/L	1	7/13/2016 9:12:02 PM	A35661
Xylenes, Total	ND	1.5		µg/L	1	7/13/2016 9:12:02 PM	A35661
Surr: 1,2-Dichloroethane-d4	119	70-130		%Rec	1	7/13/2016 9:12:02 PM	A35661
Surr: 4-Bromofluorobenzene	96.9	70-130		%Rec	1	7/13/2016 9:12:02 PM	A35661
Surr: Dibromofluoromethane	120	70-130		%Rec	1	7/13/2016 9:12:02 PM	A35661
Surr: Toluene-d8	98.2	70-130		%Rec	1	7/13/2016 9:12:02 PM	A35661

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: Menaul School Well
Project: Laun-Dry
Collection Date: 7/7/2016 4:00:00 PM
Lab ID: 1607363-011
Matrix: AQUEOUS
Received Date: 7/8/2016 10:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**	
Benzene	ND	1.0		µg/L	1	7/13/2016 9:40:37 PM	A35661
Toluene	ND	1.0		µg/L	1	7/13/2016 9:40:37 PM	A35661
Ethylbenzene	ND	1.0		µg/L	1	7/13/2016 9:40:37 PM	A35661
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	7/13/2016 9:40:37 PM	A35661
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	7/13/2016 9:40:37 PM	A35661
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	7/13/2016 9:40:37 PM	A35661
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	7/13/2016 9:40:37 PM	A35661
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	7/13/2016 9:40:37 PM	A35661
Naphthalene	ND	2.0		µg/L	1	7/13/2016 9:40:37 PM	A35661
1-Methylnaphthalene	ND	4.0		µg/L	1	7/13/2016 9:40:37 PM	A35661
2-Methylnaphthalene	ND	4.0		µg/L	1	7/13/2016 9:40:37 PM	A35661
Acetone	ND	10		µg/L	1	7/13/2016 9:40:37 PM	A35661
Bromobenzene	ND	1.0		µg/L	1	7/13/2016 9:40:37 PM	A35661
Bromodichloromethane	ND	1.0		µg/L	1	7/13/2016 9:40:37 PM	A35661
Bromoform	ND	1.0		µg/L	1	7/13/2016 9:40:37 PM	A35661
Bromomethane	ND	3.0		µg/L	1	7/13/2016 9:40:37 PM	A35661
2-Butanone	ND	10		µg/L	1	7/13/2016 9:40:37 PM	A35661
Carbon disulfide	ND	10		µg/L	1	7/13/2016 9:40:37 PM	A35661
Carbon Tetrachloride	ND	1.0		µg/L	1	7/13/2016 9:40:37 PM	A35661
Chlorobenzene	ND	1.0		µg/L	1	7/13/2016 9:40:37 PM	A35661
Chloroethane	ND	2.0		µg/L	1	7/13/2016 9:40:37 PM	A35661
Chloroform	ND	1.0		µg/L	1	7/13/2016 9:40:37 PM	A35661
Chloromethane	ND	3.0		µg/L	1	7/13/2016 9:40:37 PM	A35661
2-Chlorotoluene	ND	1.0		µg/L	1	7/13/2016 9:40:37 PM	A35661
4-Chlorotoluene	ND	1.0		µg/L	1	7/13/2016 9:40:37 PM	A35661
cis-1,2-DCE	ND	1.0		µg/L	1	7/13/2016 9:40:37 PM	A35661
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	7/13/2016 9:40:37 PM	A35661
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	7/13/2016 9:40:37 PM	A35661
Dibromochloromethane	ND	1.0		µg/L	1	7/13/2016 9:40:37 PM	A35661
Dibromomethane	ND	1.0		µg/L	1	7/13/2016 9:40:37 PM	A35661
1,2-Dichlorobenzene	ND	1.0		µg/L	1	7/13/2016 9:40:37 PM	A35661
1,3-Dichlorobenzene	ND	1.0		µg/L	1	7/13/2016 9:40:37 PM	A35661
1,4-Dichlorobenzene	ND	1.0		µg/L	1	7/13/2016 9:40:37 PM	A35661
Dichlorodifluoromethane	ND	1.0		µg/L	1	7/13/2016 9:40:37 PM	A35661
1,1-Dichloroethane	ND	1.0		µg/L	1	7/13/2016 9:40:37 PM	A35661
1,1-Dichloroethene	ND	1.0		µg/L	1	7/13/2016 9:40:37 PM	A35661
1,2-Dichloropropane	ND	1.0		µg/L	1	7/13/2016 9:40:37 PM	A35661
1,3-Dichloropropane	ND	1.0		µg/L	1	7/13/2016 9:40:37 PM	A35661
2,2-Dichloropropane	ND	2.0		µg/L	1	7/13/2016 9:40:37 PM	A35661

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Laun-Dry
Lab ID: 1607363-011 **Matrix:** AQUEOUS

Client Sample ID: Menaul School Well
Collection Date: 7/7/2016 4:00:00 PM
Received Date: 7/8/2016 10:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**	
1,1-Dichloropropene	ND	1.0		µg/L	1	7/13/2016 9:40:37 PM	A35661
Hexachlorobutadiene	ND	1.0		µg/L	1	7/13/2016 9:40:37 PM	A35661
2-Hexanone	ND	10		µg/L	1	7/13/2016 9:40:37 PM	A35661
Isopropylbenzene	ND	1.0		µg/L	1	7/13/2016 9:40:37 PM	A35661
4-Isopropyltoluene	ND	1.0		µg/L	1	7/13/2016 9:40:37 PM	A35661
4-Methyl-2-pentanone	ND	10		µg/L	1	7/13/2016 9:40:37 PM	A35661
Methylene Chloride	ND	3.0		µg/L	1	7/13/2016 9:40:37 PM	A35661
n-Butylbenzene	ND	3.0		µg/L	1	7/13/2016 9:40:37 PM	A35661
n-Propylbenzene	ND	1.0		µg/L	1	7/13/2016 9:40:37 PM	A35661
sec-Butylbenzene	ND	1.0		µg/L	1	7/13/2016 9:40:37 PM	A35661
Styrene	ND	1.0		µg/L	1	7/13/2016 9:40:37 PM	A35661
tert-Butylbenzene	ND	1.0		µg/L	1	7/13/2016 9:40:37 PM	A35661
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	7/13/2016 9:40:37 PM	A35661
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	7/13/2016 9:40:37 PM	A35661
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	7/13/2016 9:40:37 PM	A35661
trans-1,2-DCE	ND	1.0		µg/L	1	7/13/2016 9:40:37 PM	A35661
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	7/13/2016 9:40:37 PM	A35661
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	7/13/2016 9:40:37 PM	A35661
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	7/13/2016 9:40:37 PM	A35661
1,1,1-Trichloroethane	ND	1.0		µg/L	1	7/13/2016 9:40:37 PM	A35661
1,1,2-Trichloroethane	ND	1.0		µg/L	1	7/13/2016 9:40:37 PM	A35661
Trichloroethene (TCE)	ND	1.0		µg/L	1	7/13/2016 9:40:37 PM	A35661
Trichlorofluoromethane	ND	1.0		µg/L	1	7/13/2016 9:40:37 PM	A35661
1,2,3-Trichloropropane	ND	2.0		µg/L	1	7/13/2016 9:40:37 PM	A35661
Vinyl chloride	ND	1.0		µg/L	1	7/13/2016 9:40:37 PM	A35661
Xylenes, Total	ND	1.5		µg/L	1	7/13/2016 9:40:37 PM	A35661
Surr: 1,2-Dichloroethane-d4	114	70-130		%Rec	1	7/13/2016 9:40:37 PM	A35661
Surr: 4-Bromofluorobenzene	94.6	70-130		%Rec	1	7/13/2016 9:40:37 PM	A35661
Surr: Dibromofluoromethane	114	70-130		%Rec	1	7/13/2016 9:40:37 PM	A35661
Surr: Toluene-d8	95.2	70-130		%Rec	1	7/13/2016 9:40:37 PM	A35661

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Laun-Dry
Lab ID: 1607363-012 **Matrix:** AQUEOUS

Client Sample ID: MW-10
Collection Date: 7/5/2016 1:35:00 PM
Received Date: 7/8/2016 10:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**	
Benzene	ND	1.0		µg/L	1	7/13/2016 10:09:04 PM	A35661
Toluene	ND	1.0		µg/L	1	7/13/2016 10:09:04 PM	A35661
Ethylbenzene	ND	1.0		µg/L	1	7/13/2016 10:09:04 PM	A35661
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	7/13/2016 10:09:04 PM	A35661
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	7/13/2016 10:09:04 PM	A35661
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	7/13/2016 10:09:04 PM	A35661
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	7/13/2016 10:09:04 PM	A35661
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	7/13/2016 10:09:04 PM	A35661
Naphthalene	ND	2.0		µg/L	1	7/13/2016 10:09:04 PM	A35661
1-Methylnaphthalene	ND	4.0		µg/L	1	7/13/2016 10:09:04 PM	A35661
2-Methylnaphthalene	ND	4.0		µg/L	1	7/13/2016 10:09:04 PM	A35661
Acetone	ND	10		µg/L	1	7/13/2016 10:09:04 PM	A35661
Bromobenzene	ND	1.0		µg/L	1	7/13/2016 10:09:04 PM	A35661
Bromodichloromethane	ND	1.0		µg/L	1	7/13/2016 10:09:04 PM	A35661
Bromoform	ND	1.0		µg/L	1	7/13/2016 10:09:04 PM	A35661
Bromomethane	ND	3.0		µg/L	1	7/13/2016 10:09:04 PM	A35661
2-Butanone	ND	10		µg/L	1	7/13/2016 10:09:04 PM	A35661
Carbon disulfide	ND	10		µg/L	1	7/13/2016 10:09:04 PM	A35661
Carbon Tetrachloride	ND	1.0		µg/L	1	7/13/2016 10:09:04 PM	A35661
Chlorobenzene	ND	1.0		µg/L	1	7/13/2016 10:09:04 PM	A35661
Chloroethane	ND	2.0		µg/L	1	7/13/2016 10:09:04 PM	A35661
Chloroform	ND	1.0		µg/L	1	7/13/2016 10:09:04 PM	A35661
Chloromethane	ND	3.0		µg/L	1	7/13/2016 10:09:04 PM	A35661
2-Chlorotoluene	ND	1.0		µg/L	1	7/13/2016 10:09:04 PM	A35661
4-Chlorotoluene	ND	1.0		µg/L	1	7/13/2016 10:09:04 PM	A35661
cis-1,2-DCE	ND	1.0		µg/L	1	7/13/2016 10:09:04 PM	A35661
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	7/13/2016 10:09:04 PM	A35661
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	7/13/2016 10:09:04 PM	A35661
Dibromochloromethane	ND	1.0		µg/L	1	7/13/2016 10:09:04 PM	A35661
Dibromomethane	ND	1.0		µg/L	1	7/13/2016 10:09:04 PM	A35661
1,2-Dichlorobenzene	ND	1.0		µg/L	1	7/13/2016 10:09:04 PM	A35661
1,3-Dichlorobenzene	ND	1.0		µg/L	1	7/13/2016 10:09:04 PM	A35661
1,4-Dichlorobenzene	ND	1.0		µg/L	1	7/13/2016 10:09:04 PM	A35661
Dichlorodifluoromethane	ND	1.0		µg/L	1	7/13/2016 10:09:04 PM	A35661
1,1-Dichloroethane	ND	1.0		µg/L	1	7/13/2016 10:09:04 PM	A35661
1,1-Dichloroethene	ND	1.0		µg/L	1	7/13/2016 10:09:04 PM	A35661
1,2-Dichloropropane	ND	1.0		µg/L	1	7/13/2016 10:09:04 PM	A35661
1,3-Dichloropropane	ND	1.0		µg/L	1	7/13/2016 10:09:04 PM	A35661
2,2-Dichloropropane	ND	2.0		µg/L	1	7/13/2016 10:09:04 PM	A35661

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: MW-10
Project: Laun-Dry
Collection Date: 7/5/2016 1:35:00 PM
Lab ID: 1607363-012
Matrix: AQUEOUS
Received Date: 7/8/2016 10:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**	
1,1-Dichloropropene	ND	1.0		µg/L	1	7/13/2016 10:09:04 PM	A35661
Hexachlorobutadiene	ND	1.0		µg/L	1	7/13/2016 10:09:04 PM	A35661
2-Hexanone	ND	10		µg/L	1	7/13/2016 10:09:04 PM	A35661
Isopropylbenzene	ND	1.0		µg/L	1	7/13/2016 10:09:04 PM	A35661
4-Isopropyltoluene	ND	1.0		µg/L	1	7/13/2016 10:09:04 PM	A35661
4-Methyl-2-pentanone	ND	10		µg/L	1	7/13/2016 10:09:04 PM	A35661
Methylene Chloride	ND	3.0		µg/L	1	7/13/2016 10:09:04 PM	A35661
n-Butylbenzene	ND	3.0		µg/L	1	7/13/2016 10:09:04 PM	A35661
n-Propylbenzene	ND	1.0		µg/L	1	7/13/2016 10:09:04 PM	A35661
sec-Butylbenzene	ND	1.0		µg/L	1	7/13/2016 10:09:04 PM	A35661
Styrene	ND	1.0		µg/L	1	7/13/2016 10:09:04 PM	A35661
tert-Butylbenzene	ND	1.0		µg/L	1	7/13/2016 10:09:04 PM	A35661
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	7/13/2016 10:09:04 PM	A35661
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	7/13/2016 10:09:04 PM	A35661
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	7/13/2016 10:09:04 PM	A35661
trans-1,2-DCE	ND	1.0		µg/L	1	7/13/2016 10:09:04 PM	A35661
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	7/13/2016 10:09:04 PM	A35661
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	7/13/2016 10:09:04 PM	A35661
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	7/13/2016 10:09:04 PM	A35661
1,1,1-Trichloroethane	ND	1.0		µg/L	1	7/13/2016 10:09:04 PM	A35661
1,1,2-Trichloroethane	ND	1.0		µg/L	1	7/13/2016 10:09:04 PM	A35661
Trichloroethene (TCE)	ND	1.0		µg/L	1	7/13/2016 10:09:04 PM	A35661
Trichlorofluoromethane	ND	1.0		µg/L	1	7/13/2016 10:09:04 PM	A35661
1,2,3-Trichloropropane	ND	2.0		µg/L	1	7/13/2016 10:09:04 PM	A35661
Vinyl chloride	ND	1.0		µg/L	1	7/13/2016 10:09:04 PM	A35661
Xylenes, Total	ND	1.5		µg/L	1	7/13/2016 10:09:04 PM	A35661
Surr: 1,2-Dichloroethane-d4	111	70-130		%Rec	1	7/13/2016 10:09:04 PM	A35661
Surr: 4-Bromofluorobenzene	99.4	70-130		%Rec	1	7/13/2016 10:09:04 PM	A35661
Surr: Dibromofluoromethane	113	70-130		%Rec	1	7/13/2016 10:09:04 PM	A35661
Surr: Toluene-d8	95.2	70-130		%Rec	1	7/13/2016 10:09:04 PM	A35661

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: MW-16
Project: Laun-Dry
Collection Date: 7/5/2016 2:30:00 PM
Lab ID: 1607363-013
Matrix: AQUEOUS
Received Date: 7/8/2016 10:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
Benzene	ND	1.0		µg/L	1	7/15/2016 3:19:00 PM	R35748
Toluene	ND	1.0		µg/L	1	7/15/2016 3:19:00 PM	R35748
Ethylbenzene	ND	1.0		µg/L	1	7/15/2016 3:19:00 PM	R35748
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	7/15/2016 3:19:00 PM	R35748
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	7/15/2016 3:19:00 PM	R35748
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	7/15/2016 3:19:00 PM	R35748
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	7/15/2016 3:19:00 PM	R35748
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	7/15/2016 3:19:00 PM	R35748
Naphthalene	ND	2.0		µg/L	1	7/15/2016 3:19:00 PM	R35748
1-Methylnaphthalene	ND	4.0		µg/L	1	7/15/2016 3:19:00 PM	R35748
2-Methylnaphthalene	ND	4.0		µg/L	1	7/15/2016 3:19:00 PM	R35748
Acetone	ND	10		µg/L	1	7/15/2016 3:19:00 PM	R35748
Bromobenzene	ND	1.0		µg/L	1	7/15/2016 3:19:00 PM	R35748
Bromodichloromethane	ND	1.0		µg/L	1	7/15/2016 3:19:00 PM	R35748
Bromoform	ND	1.0		µg/L	1	7/15/2016 3:19:00 PM	R35748
Bromomethane	ND	3.0		µg/L	1	7/15/2016 3:19:00 PM	R35748
2-Butanone	ND	10		µg/L	1	7/15/2016 3:19:00 PM	R35748
Carbon disulfide	ND	10		µg/L	1	7/15/2016 3:19:00 PM	R35748
Carbon Tetrachloride	ND	1.0		µg/L	1	7/15/2016 3:19:00 PM	R35748
Chlorobenzene	ND	1.0		µg/L	1	7/15/2016 3:19:00 PM	R35748
Chloroethane	ND	2.0		µg/L	1	7/15/2016 3:19:00 PM	R35748
Chloroform	ND	1.0		µg/L	1	7/15/2016 3:19:00 PM	R35748
Chloromethane	ND	3.0		µg/L	1	7/15/2016 3:19:00 PM	R35748
2-Chlorotoluene	ND	1.0		µg/L	1	7/15/2016 3:19:00 PM	R35748
4-Chlorotoluene	ND	1.0		µg/L	1	7/15/2016 3:19:00 PM	R35748
cis-1,2-DCE	ND	1.0		µg/L	1	7/15/2016 3:19:00 PM	R35748
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	7/15/2016 3:19:00 PM	R35748
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	7/15/2016 3:19:00 PM	R35748
Dibromochloromethane	ND	1.0		µg/L	1	7/15/2016 3:19:00 PM	R35748
Dibromomethane	ND	1.0		µg/L	1	7/15/2016 3:19:00 PM	R35748
1,2-Dichlorobenzene	ND	1.0		µg/L	1	7/15/2016 3:19:00 PM	R35748
1,3-Dichlorobenzene	ND	1.0		µg/L	1	7/15/2016 3:19:00 PM	R35748
1,4-Dichlorobenzene	ND	1.0		µg/L	1	7/15/2016 3:19:00 PM	R35748
Dichlorodifluoromethane	ND	1.0		µg/L	1	7/15/2016 3:19:00 PM	R35748
1,1-Dichloroethane	ND	1.0		µg/L	1	7/15/2016 3:19:00 PM	R35748
1,1-Dichloroethene	ND	1.0		µg/L	1	7/15/2016 3:19:00 PM	R35748
1,2-Dichloropropane	ND	1.0		µg/L	1	7/15/2016 3:19:00 PM	R35748
1,3-Dichloropropane	ND	1.0		µg/L	1	7/15/2016 3:19:00 PM	R35748
2,2-Dichloropropane	ND	2.0		µg/L	1	7/15/2016 3:19:00 PM	R35748

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Laun-Dry
Lab ID: 1607363-013 **Matrix:** AQUEOUS

Client Sample ID: MW-16
Collection Date: 7/5/2016 2:30:00 PM
Received Date: 7/8/2016 10:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
1,1-Dichloropropene	ND	1.0		µg/L	1	7/15/2016 3:19:00 PM	R35748
Hexachlorobutadiene	ND	1.0		µg/L	1	7/15/2016 3:19:00 PM	R35748
2-Hexanone	ND	10		µg/L	1	7/15/2016 3:19:00 PM	R35748
Isopropylbenzene	ND	1.0		µg/L	1	7/15/2016 3:19:00 PM	R35748
4-Isopropyltoluene	ND	1.0		µg/L	1	7/15/2016 3:19:00 PM	R35748
4-Methyl-2-pentanone	ND	10		µg/L	1	7/15/2016 3:19:00 PM	R35748
Methylene Chloride	ND	3.0		µg/L	1	7/15/2016 3:19:00 PM	R35748
n-Butylbenzene	ND	3.0		µg/L	1	7/15/2016 3:19:00 PM	R35748
n-Propylbenzene	ND	1.0		µg/L	1	7/15/2016 3:19:00 PM	R35748
sec-Butylbenzene	ND	1.0		µg/L	1	7/15/2016 3:19:00 PM	R35748
Styrene	ND	1.0		µg/L	1	7/15/2016 3:19:00 PM	R35748
tert-Butylbenzene	ND	1.0		µg/L	1	7/15/2016 3:19:00 PM	R35748
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	7/15/2016 3:19:00 PM	R35748
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	7/15/2016 3:19:00 PM	R35748
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	7/15/2016 3:19:00 PM	R35748
trans-1,2-DCE	ND	1.0		µg/L	1	7/15/2016 3:19:00 PM	R35748
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	7/15/2016 3:19:00 PM	R35748
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	7/15/2016 3:19:00 PM	R35748
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	7/15/2016 3:19:00 PM	R35748
1,1,1-Trichloroethane	ND	1.0		µg/L	1	7/15/2016 3:19:00 PM	R35748
1,1,2-Trichloroethane	ND	1.0		µg/L	1	7/15/2016 3:19:00 PM	R35748
Trichloroethene (TCE)	ND	1.0		µg/L	1	7/15/2016 3:19:00 PM	R35748
Trichlorofluoromethane	ND	1.0		µg/L	1	7/15/2016 3:19:00 PM	R35748
1,2,3-Trichloropropane	ND	2.0		µg/L	1	7/15/2016 3:19:00 PM	R35748
Vinyl chloride	ND	1.0		µg/L	1	7/15/2016 3:19:00 PM	R35748
Xylenes, Total	ND	1.5		µg/L	1	7/15/2016 3:19:00 PM	R35748
Surr: 1,2-Dichloroethane-d4	114	70-130		%Rec	1	7/15/2016 3:19:00 PM	R35748
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	1	7/15/2016 3:19:00 PM	R35748
Surr: Dibromofluoromethane	104	70-130		%Rec	1	7/15/2016 3:19:00 PM	R35748
Surr: Toluene-d8	95.5	70-130		%Rec	1	7/15/2016 3:19:00 PM	R35748

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: MW-11
Project: Laun-Dry
Collection Date: 7/6/2016 8:08:00 AM
Lab ID: 1607363-014
Matrix: AQUEOUS
Received Date: 7/8/2016 10:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
Benzene	ND	1.0		µg/L	1	7/15/2016 4:32:00 PM	R35748
Toluene	ND	1.0		µg/L	1	7/15/2016 4:32:00 PM	R35748
Ethylbenzene	ND	1.0		µg/L	1	7/15/2016 4:32:00 PM	R35748
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	7/15/2016 4:32:00 PM	R35748
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	7/15/2016 4:32:00 PM	R35748
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	7/15/2016 4:32:00 PM	R35748
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	7/15/2016 4:32:00 PM	R35748
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	7/15/2016 4:32:00 PM	R35748
Naphthalene	ND	2.0		µg/L	1	7/15/2016 4:32:00 PM	R35748
1-Methylnaphthalene	ND	4.0		µg/L	1	7/15/2016 4:32:00 PM	R35748
2-Methylnaphthalene	ND	4.0		µg/L	1	7/15/2016 4:32:00 PM	R35748
Acetone	ND	10		µg/L	1	7/15/2016 4:32:00 PM	R35748
Bromobenzene	ND	1.0		µg/L	1	7/15/2016 4:32:00 PM	R35748
Bromodichloromethane	ND	1.0		µg/L	1	7/15/2016 4:32:00 PM	R35748
Bromoform	ND	1.0		µg/L	1	7/15/2016 4:32:00 PM	R35748
Bromomethane	ND	3.0		µg/L	1	7/15/2016 4:32:00 PM	R35748
2-Butanone	ND	10		µg/L	1	7/15/2016 4:32:00 PM	R35748
Carbon disulfide	ND	10		µg/L	1	7/15/2016 4:32:00 PM	R35748
Carbon Tetrachloride	ND	1.0		µg/L	1	7/15/2016 4:32:00 PM	R35748
Chlorobenzene	ND	1.0		µg/L	1	7/15/2016 4:32:00 PM	R35748
Chloroethane	ND	2.0		µg/L	1	7/15/2016 4:32:00 PM	R35748
Chloroform	ND	1.0		µg/L	1	7/15/2016 4:32:00 PM	R35748
Chloromethane	ND	3.0		µg/L	1	7/15/2016 4:32:00 PM	R35748
2-Chlorotoluene	ND	1.0		µg/L	1	7/15/2016 4:32:00 PM	R35748
4-Chlorotoluene	ND	1.0		µg/L	1	7/15/2016 4:32:00 PM	R35748
cis-1,2-DCE	ND	1.0		µg/L	1	7/15/2016 4:32:00 PM	R35748
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	7/15/2016 4:32:00 PM	R35748
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	7/15/2016 4:32:00 PM	R35748
Dibromochloromethane	ND	1.0		µg/L	1	7/15/2016 4:32:00 PM	R35748
Dibromomethane	ND	1.0		µg/L	1	7/15/2016 4:32:00 PM	R35748
1,2-Dichlorobenzene	ND	1.0		µg/L	1	7/15/2016 4:32:00 PM	R35748
1,3-Dichlorobenzene	ND	1.0		µg/L	1	7/15/2016 4:32:00 PM	R35748
1,4-Dichlorobenzene	ND	1.0		µg/L	1	7/15/2016 4:32:00 PM	R35748
Dichlorodifluoromethane	ND	1.0		µg/L	1	7/15/2016 4:32:00 PM	R35748
1,1-Dichloroethane	ND	1.0		µg/L	1	7/15/2016 4:32:00 PM	R35748
1,1-Dichloroethene	ND	1.0		µg/L	1	7/15/2016 4:32:00 PM	R35748
1,2-Dichloropropane	ND	1.0		µg/L	1	7/15/2016 4:32:00 PM	R35748
1,3-Dichloropropane	ND	1.0		µg/L	1	7/15/2016 4:32:00 PM	R35748
2,2-Dichloropropane	ND	2.0		µg/L	1	7/15/2016 4:32:00 PM	R35748

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Laun-Dry
Lab ID: 1607363-014 **Matrix:** AQUEOUS

Client Sample ID: MW-11
Collection Date: 7/6/2016 8:08:00 AM
Received Date: 7/8/2016 10:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
1,1-Dichloropropene	ND	1.0		µg/L	1	7/15/2016 4:32:00 PM	R35748
Hexachlorobutadiene	ND	1.0		µg/L	1	7/15/2016 4:32:00 PM	R35748
2-Hexanone	ND	10		µg/L	1	7/15/2016 4:32:00 PM	R35748
Isopropylbenzene	ND	1.0		µg/L	1	7/15/2016 4:32:00 PM	R35748
4-Isopropyltoluene	ND	1.0		µg/L	1	7/15/2016 4:32:00 PM	R35748
4-Methyl-2-pentanone	ND	10		µg/L	1	7/15/2016 4:32:00 PM	R35748
Methylene Chloride	ND	3.0		µg/L	1	7/15/2016 4:32:00 PM	R35748
n-Butylbenzene	ND	3.0		µg/L	1	7/15/2016 4:32:00 PM	R35748
n-Propylbenzene	ND	1.0		µg/L	1	7/15/2016 4:32:00 PM	R35748
sec-Butylbenzene	ND	1.0		µg/L	1	7/15/2016 4:32:00 PM	R35748
Styrene	ND	1.0		µg/L	1	7/15/2016 4:32:00 PM	R35748
tert-Butylbenzene	ND	1.0		µg/L	1	7/15/2016 4:32:00 PM	R35748
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	7/15/2016 4:32:00 PM	R35748
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	7/15/2016 4:32:00 PM	R35748
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	7/15/2016 4:32:00 PM	R35748
trans-1,2-DCE	ND	1.0		µg/L	1	7/15/2016 4:32:00 PM	R35748
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	7/15/2016 4:32:00 PM	R35748
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	7/15/2016 4:32:00 PM	R35748
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	7/15/2016 4:32:00 PM	R35748
1,1,1-Trichloroethane	ND	1.0		µg/L	1	7/15/2016 4:32:00 PM	R35748
1,1,2-Trichloroethane	ND	1.0		µg/L	1	7/15/2016 4:32:00 PM	R35748
Trichloroethene (TCE)	ND	1.0		µg/L	1	7/15/2016 4:32:00 PM	R35748
Trichlorofluoromethane	ND	1.0		µg/L	1	7/15/2016 4:32:00 PM	R35748
1,2,3-Trichloropropane	ND	2.0		µg/L	1	7/15/2016 4:32:00 PM	R35748
Vinyl chloride	ND	1.0		µg/L	1	7/15/2016 4:32:00 PM	R35748
Xylenes, Total	ND	1.5		µg/L	1	7/15/2016 4:32:00 PM	R35748
Surr: 1,2-Dichloroethane-d4	115	70-130		%Rec	1	7/15/2016 4:32:00 PM	R35748
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	1	7/15/2016 4:32:00 PM	R35748
Surr: Dibromofluoromethane	103	70-130		%Rec	1	7/15/2016 4:32:00 PM	R35748
Surr: Toluene-d8	94.7	70-130		%Rec	1	7/15/2016 4:32:00 PM	R35748

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Laun-Dry
Lab ID: 1607363-015 **Matrix:** AQUEOUS

Client Sample ID: OB-1
Collection Date: 7/6/2016 8:35:00 AM
Received Date: 7/8/2016 10:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
Benzene	ND	1.0		µg/L	1	7/15/2016 5:20:00 PM	R35748
Toluene	ND	1.0		µg/L	1	7/15/2016 5:20:00 PM	R35748
Ethylbenzene	ND	1.0		µg/L	1	7/15/2016 5:20:00 PM	R35748
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	7/15/2016 5:20:00 PM	R35748
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	7/15/2016 5:20:00 PM	R35748
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	7/15/2016 5:20:00 PM	R35748
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	7/15/2016 5:20:00 PM	R35748
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	7/15/2016 5:20:00 PM	R35748
Naphthalene	ND	2.0		µg/L	1	7/15/2016 5:20:00 PM	R35748
1-Methylnaphthalene	ND	4.0		µg/L	1	7/15/2016 5:20:00 PM	R35748
2-Methylnaphthalene	ND	4.0		µg/L	1	7/15/2016 5:20:00 PM	R35748
Acetone	ND	10		µg/L	1	7/15/2016 5:20:00 PM	R35748
Bromobenzene	ND	1.0		µg/L	1	7/15/2016 5:20:00 PM	R35748
Bromodichloromethane	ND	1.0		µg/L	1	7/15/2016 5:20:00 PM	R35748
Bromoform	ND	1.0		µg/L	1	7/15/2016 5:20:00 PM	R35748
Bromomethane	ND	3.0		µg/L	1	7/15/2016 5:20:00 PM	R35748
2-Butanone	ND	10		µg/L	1	7/15/2016 5:20:00 PM	R35748
Carbon disulfide	ND	10		µg/L	1	7/15/2016 5:20:00 PM	R35748
Carbon Tetrachloride	ND	1.0		µg/L	1	7/15/2016 5:20:00 PM	R35748
Chlorobenzene	ND	1.0		µg/L	1	7/15/2016 5:20:00 PM	R35748
Chloroethane	ND	2.0		µg/L	1	7/15/2016 5:20:00 PM	R35748
Chloroform	ND	1.0		µg/L	1	7/15/2016 5:20:00 PM	R35748
Chloromethane	ND	3.0		µg/L	1	7/15/2016 5:20:00 PM	R35748
2-Chlorotoluene	ND	1.0		µg/L	1	7/15/2016 5:20:00 PM	R35748
4-Chlorotoluene	ND	1.0		µg/L	1	7/15/2016 5:20:00 PM	R35748
cis-1,2-DCE	ND	1.0		µg/L	1	7/15/2016 5:20:00 PM	R35748
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	7/15/2016 5:20:00 PM	R35748
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	7/15/2016 5:20:00 PM	R35748
Dibromochloromethane	ND	1.0		µg/L	1	7/15/2016 5:20:00 PM	R35748
Dibromomethane	ND	1.0		µg/L	1	7/15/2016 5:20:00 PM	R35748
1,2-Dichlorobenzene	ND	1.0		µg/L	1	7/15/2016 5:20:00 PM	R35748
1,3-Dichlorobenzene	ND	1.0		µg/L	1	7/15/2016 5:20:00 PM	R35748
1,4-Dichlorobenzene	ND	1.0		µg/L	1	7/15/2016 5:20:00 PM	R35748
Dichlorodifluoromethane	ND	1.0		µg/L	1	7/15/2016 5:20:00 PM	R35748
1,1-Dichloroethane	ND	1.0		µg/L	1	7/15/2016 5:20:00 PM	R35748
1,1-Dichloroethene	ND	1.0		µg/L	1	7/15/2016 5:20:00 PM	R35748
1,2-Dichloropropane	ND	1.0		µg/L	1	7/15/2016 5:20:00 PM	R35748
1,3-Dichloropropane	ND	1.0		µg/L	1	7/15/2016 5:20:00 PM	R35748
2,2-Dichloropropane	ND	2.0		µg/L	1	7/15/2016 5:20:00 PM	R35748

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: OB-1
Project: Laun-Dry
Collection Date: 7/6/2016 8:35:00 AM
Lab ID: 1607363-015
Matrix: AQUEOUS
Received Date: 7/8/2016 10:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
1,1-Dichloropropene	ND	1.0		µg/L	1	7/15/2016 5:20:00 PM	R35748
Hexachlorobutadiene	ND	1.0		µg/L	1	7/15/2016 5:20:00 PM	R35748
2-Hexanone	ND	10		µg/L	1	7/15/2016 5:20:00 PM	R35748
Isopropylbenzene	ND	1.0		µg/L	1	7/15/2016 5:20:00 PM	R35748
4-Isopropyltoluene	ND	1.0		µg/L	1	7/15/2016 5:20:00 PM	R35748
4-Methyl-2-pentanone	ND	10		µg/L	1	7/15/2016 5:20:00 PM	R35748
Methylene Chloride	ND	3.0		µg/L	1	7/15/2016 5:20:00 PM	R35748
n-Butylbenzene	ND	3.0		µg/L	1	7/15/2016 5:20:00 PM	R35748
n-Propylbenzene	ND	1.0		µg/L	1	7/15/2016 5:20:00 PM	R35748
sec-Butylbenzene	ND	1.0		µg/L	1	7/15/2016 5:20:00 PM	R35748
Styrene	ND	1.0		µg/L	1	7/15/2016 5:20:00 PM	R35748
tert-Butylbenzene	ND	1.0		µg/L	1	7/15/2016 5:20:00 PM	R35748
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	7/15/2016 5:20:00 PM	R35748
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	7/15/2016 5:20:00 PM	R35748
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	7/15/2016 5:20:00 PM	R35748
trans-1,2-DCE	ND	1.0		µg/L	1	7/15/2016 5:20:00 PM	R35748
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	7/15/2016 5:20:00 PM	R35748
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	7/15/2016 5:20:00 PM	R35748
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	7/15/2016 5:20:00 PM	R35748
1,1,1-Trichloroethane	ND	1.0		µg/L	1	7/15/2016 5:20:00 PM	R35748
1,1,2-Trichloroethane	ND	1.0		µg/L	1	7/15/2016 5:20:00 PM	R35748
Trichloroethene (TCE)	2.7	1.0		µg/L	1	7/15/2016 5:20:00 PM	R35748
Trichlorofluoromethane	ND	1.0		µg/L	1	7/15/2016 5:20:00 PM	R35748
1,2,3-Trichloropropane	ND	2.0		µg/L	1	7/15/2016 5:20:00 PM	R35748
Vinyl chloride	ND	1.0		µg/L	1	7/15/2016 5:20:00 PM	R35748
Xylenes, Total	ND	1.5		µg/L	1	7/15/2016 5:20:00 PM	R35748
Surr: 1,2-Dichloroethane-d4	117	70-130		%Rec	1	7/15/2016 5:20:00 PM	R35748
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	1	7/15/2016 5:20:00 PM	R35748
Surr: Dibromofluoromethane	105	70-130		%Rec	1	7/15/2016 5:20:00 PM	R35748
Surr: Toluene-d8	96.8	70-130		%Rec	1	7/15/2016 5:20:00 PM	R35748

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: MW-8
Project: Laun-Dry
Collection Date: 7/6/2016 9:27:00 AM
Lab ID: 1607363-016
Matrix: AQUEOUS
Received Date: 7/8/2016 10:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
Benzene	ND	1.0		µg/L	1	7/15/2016 5:44:00 PM	R35748
Toluene	ND	1.0		µg/L	1	7/15/2016 5:44:00 PM	R35748
Ethylbenzene	ND	1.0		µg/L	1	7/15/2016 5:44:00 PM	R35748
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	7/15/2016 5:44:00 PM	R35748
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	7/15/2016 5:44:00 PM	R35748
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	7/15/2016 5:44:00 PM	R35748
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	7/15/2016 5:44:00 PM	R35748
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	7/15/2016 5:44:00 PM	R35748
Naphthalene	ND	2.0		µg/L	1	7/15/2016 5:44:00 PM	R35748
1-Methylnaphthalene	ND	4.0		µg/L	1	7/15/2016 5:44:00 PM	R35748
2-Methylnaphthalene	ND	4.0		µg/L	1	7/15/2016 5:44:00 PM	R35748
Acetone	ND	10		µg/L	1	7/15/2016 5:44:00 PM	R35748
Bromobenzene	ND	1.0		µg/L	1	7/15/2016 5:44:00 PM	R35748
Bromodichloromethane	ND	1.0		µg/L	1	7/15/2016 5:44:00 PM	R35748
Bromoform	ND	1.0		µg/L	1	7/15/2016 5:44:00 PM	R35748
Bromomethane	ND	3.0		µg/L	1	7/15/2016 5:44:00 PM	R35748
2-Butanone	ND	10		µg/L	1	7/15/2016 5:44:00 PM	R35748
Carbon disulfide	ND	10		µg/L	1	7/15/2016 5:44:00 PM	R35748
Carbon Tetrachloride	ND	1.0		µg/L	1	7/15/2016 5:44:00 PM	R35748
Chlorobenzene	ND	1.0		µg/L	1	7/15/2016 5:44:00 PM	R35748
Chloroethane	ND	2.0		µg/L	1	7/15/2016 5:44:00 PM	R35748
Chloroform	ND	1.0		µg/L	1	7/15/2016 5:44:00 PM	R35748
Chloromethane	ND	3.0		µg/L	1	7/15/2016 5:44:00 PM	R35748
2-Chlorotoluene	ND	1.0		µg/L	1	7/15/2016 5:44:00 PM	R35748
4-Chlorotoluene	ND	1.0		µg/L	1	7/15/2016 5:44:00 PM	R35748
cis-1,2-DCE	95	1.0		µg/L	1	7/15/2016 5:44:00 PM	R35748
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	7/15/2016 5:44:00 PM	R35748
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	7/15/2016 5:44:00 PM	R35748
Dibromochloromethane	ND	1.0		µg/L	1	7/15/2016 5:44:00 PM	R35748
Dibromomethane	ND	1.0		µg/L	1	7/15/2016 5:44:00 PM	R35748
1,2-Dichlorobenzene	ND	1.0		µg/L	1	7/15/2016 5:44:00 PM	R35748
1,3-Dichlorobenzene	ND	1.0		µg/L	1	7/15/2016 5:44:00 PM	R35748
1,4-Dichlorobenzene	ND	1.0		µg/L	1	7/15/2016 5:44:00 PM	R35748
Dichlorodifluoromethane	ND	1.0		µg/L	1	7/15/2016 5:44:00 PM	R35748
1,1-Dichloroethane	ND	1.0		µg/L	1	7/15/2016 5:44:00 PM	R35748
1,1-Dichloroethene	ND	1.0		µg/L	1	7/15/2016 5:44:00 PM	R35748
1,2-Dichloropropane	ND	1.0		µg/L	1	7/15/2016 5:44:00 PM	R35748
1,3-Dichloropropane	ND	1.0		µg/L	1	7/15/2016 5:44:00 PM	R35748
2,2-Dichloropropane	ND	2.0		µg/L	1	7/15/2016 5:44:00 PM	R35748

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Laun-Dry
Lab ID: 1607363-016 **Matrix:** AQUEOUS

Client Sample ID: MW-8
Collection Date: 7/6/2016 9:27:00 AM
Received Date: 7/8/2016 10:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
1,1-Dichloropropene	ND	1.0		µg/L	1	7/15/2016 5:44:00 PM	R35748
Hexachlorobutadiene	ND	1.0		µg/L	1	7/15/2016 5:44:00 PM	R35748
2-Hexanone	ND	10		µg/L	1	7/15/2016 5:44:00 PM	R35748
Isopropylbenzene	ND	1.0		µg/L	1	7/15/2016 5:44:00 PM	R35748
4-Isopropyltoluene	ND	1.0		µg/L	1	7/15/2016 5:44:00 PM	R35748
4-Methyl-2-pentanone	ND	10		µg/L	1	7/15/2016 5:44:00 PM	R35748
Methylene Chloride	ND	3.0		µg/L	1	7/15/2016 5:44:00 PM	R35748
n-Butylbenzene	ND	3.0		µg/L	1	7/15/2016 5:44:00 PM	R35748
n-Propylbenzene	ND	1.0		µg/L	1	7/15/2016 5:44:00 PM	R35748
sec-Butylbenzene	ND	1.0		µg/L	1	7/15/2016 5:44:00 PM	R35748
Styrene	ND	1.0		µg/L	1	7/15/2016 5:44:00 PM	R35748
tert-Butylbenzene	ND	1.0		µg/L	1	7/15/2016 5:44:00 PM	R35748
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	7/15/2016 5:44:00 PM	R35748
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	7/15/2016 5:44:00 PM	R35748
Tetrachloroethene (PCE)	1.3	1.0		µg/L	1	7/15/2016 5:44:00 PM	R35748
trans-1,2-DCE	86	1.0		µg/L	1	7/15/2016 5:44:00 PM	R35748
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	7/15/2016 5:44:00 PM	R35748
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	7/15/2016 5:44:00 PM	R35748
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	7/15/2016 5:44:00 PM	R35748
1,1,1-Trichloroethane	ND	1.0		µg/L	1	7/15/2016 5:44:00 PM	R35748
1,1,2-Trichloroethane	ND	1.0		µg/L	1	7/15/2016 5:44:00 PM	R35748
Trichloroethene (TCE)	160	10		µg/L	10	7/18/2016 12:07:00 PM	R35759
Trichlorofluoromethane	ND	1.0		µg/L	1	7/15/2016 5:44:00 PM	R35748
1,2,3-Trichloropropane	ND	2.0		µg/L	1	7/15/2016 5:44:00 PM	R35748
Vinyl chloride	ND	1.0		µg/L	1	7/15/2016 5:44:00 PM	R35748
Xylenes, Total	ND	1.5		µg/L	1	7/15/2016 5:44:00 PM	R35748
Surr: 1,2-Dichloroethane-d4	112	70-130		%Rec	1	7/15/2016 5:44:00 PM	R35748
Surr: 4-Bromofluorobenzene	99.9	70-130		%Rec	1	7/15/2016 5:44:00 PM	R35748
Surr: Dibromofluoromethane	100	70-130		%Rec	1	7/15/2016 5:44:00 PM	R35748
Surr: Toluene-d8	97.7	70-130		%Rec	1	7/15/2016 5:44:00 PM	R35748

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: MW-9
Project: Laun-Dry
Collection Date: 7/6/2016 10:00:00 AM
Lab ID: 1607363-017
Matrix: AQUEOUS
Received Date: 7/8/2016 10:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
Benzene	ND	1.0		µg/L	1	7/15/2016 6:08:00 PM	R35748
Toluene	ND	1.0		µg/L	1	7/15/2016 6:08:00 PM	R35748
Ethylbenzene	ND	1.0		µg/L	1	7/15/2016 6:08:00 PM	R35748
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	7/15/2016 6:08:00 PM	R35748
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	7/15/2016 6:08:00 PM	R35748
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	7/15/2016 6:08:00 PM	R35748
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	7/15/2016 6:08:00 PM	R35748
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	7/15/2016 6:08:00 PM	R35748
Naphthalene	ND	2.0		µg/L	1	7/15/2016 6:08:00 PM	R35748
1-Methylnaphthalene	ND	4.0		µg/L	1	7/15/2016 6:08:00 PM	R35748
2-Methylnaphthalene	ND	4.0		µg/L	1	7/15/2016 6:08:00 PM	R35748
Acetone	ND	10		µg/L	1	7/15/2016 6:08:00 PM	R35748
Bromobenzene	ND	1.0		µg/L	1	7/15/2016 6:08:00 PM	R35748
Bromodichloromethane	ND	1.0		µg/L	1	7/15/2016 6:08:00 PM	R35748
Bromoform	ND	1.0		µg/L	1	7/15/2016 6:08:00 PM	R35748
Bromomethane	ND	3.0		µg/L	1	7/15/2016 6:08:00 PM	R35748
2-Butanone	ND	10		µg/L	1	7/15/2016 6:08:00 PM	R35748
Carbon disulfide	ND	10		µg/L	1	7/15/2016 6:08:00 PM	R35748
Carbon Tetrachloride	ND	1.0		µg/L	1	7/15/2016 6:08:00 PM	R35748
Chlorobenzene	ND	1.0		µg/L	1	7/15/2016 6:08:00 PM	R35748
Chloroethane	ND	2.0		µg/L	1	7/15/2016 6:08:00 PM	R35748
Chloroform	ND	1.0		µg/L	1	7/15/2016 6:08:00 PM	R35748
Chloromethane	ND	3.0		µg/L	1	7/15/2016 6:08:00 PM	R35748
2-Chlorotoluene	ND	1.0		µg/L	1	7/15/2016 6:08:00 PM	R35748
4-Chlorotoluene	ND	1.0		µg/L	1	7/15/2016 6:08:00 PM	R35748
cis-1,2-DCE	3.8	1.0		µg/L	1	7/15/2016 6:08:00 PM	R35748
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	7/15/2016 6:08:00 PM	R35748
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	7/15/2016 6:08:00 PM	R35748
Dibromochloromethane	ND	1.0		µg/L	1	7/15/2016 6:08:00 PM	R35748
Dibromomethane	ND	1.0		µg/L	1	7/15/2016 6:08:00 PM	R35748
1,2-Dichlorobenzene	ND	1.0		µg/L	1	7/15/2016 6:08:00 PM	R35748
1,3-Dichlorobenzene	ND	1.0		µg/L	1	7/15/2016 6:08:00 PM	R35748
1,4-Dichlorobenzene	ND	1.0		µg/L	1	7/15/2016 6:08:00 PM	R35748
Dichlorodifluoromethane	ND	1.0		µg/L	1	7/15/2016 6:08:00 PM	R35748
1,1-Dichloroethane	ND	1.0		µg/L	1	7/15/2016 6:08:00 PM	R35748
1,1-Dichloroethene	ND	1.0		µg/L	1	7/15/2016 6:08:00 PM	R35748
1,2-Dichloropropane	ND	1.0		µg/L	1	7/15/2016 6:08:00 PM	R35748
1,3-Dichloropropane	ND	1.0		µg/L	1	7/15/2016 6:08:00 PM	R35748
2,2-Dichloropropane	ND	2.0		µg/L	1	7/15/2016 6:08:00 PM	R35748

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Laun-Dry
Lab ID: 1607363-017 **Matrix:** AQUEOUS

Client Sample ID: MW-9
Collection Date: 7/6/2016 10:00:00 AM
Received Date: 7/8/2016 10:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
1,1-Dichloropropene	ND	1.0		µg/L	1	7/15/2016 6:08:00 PM	R35748
Hexachlorobutadiene	ND	1.0		µg/L	1	7/15/2016 6:08:00 PM	R35748
2-Hexanone	ND	10		µg/L	1	7/15/2016 6:08:00 PM	R35748
Isopropylbenzene	ND	1.0		µg/L	1	7/15/2016 6:08:00 PM	R35748
4-Isopropyltoluene	ND	1.0		µg/L	1	7/15/2016 6:08:00 PM	R35748
4-Methyl-2-pentanone	ND	10		µg/L	1	7/15/2016 6:08:00 PM	R35748
Methylene Chloride	ND	3.0		µg/L	1	7/15/2016 6:08:00 PM	R35748
n-Butylbenzene	ND	3.0		µg/L	1	7/15/2016 6:08:00 PM	R35748
n-Propylbenzene	ND	1.0		µg/L	1	7/15/2016 6:08:00 PM	R35748
sec-Butylbenzene	ND	1.0		µg/L	1	7/15/2016 6:08:00 PM	R35748
Styrene	ND	1.0		µg/L	1	7/15/2016 6:08:00 PM	R35748
tert-Butylbenzene	ND	1.0		µg/L	1	7/15/2016 6:08:00 PM	R35748
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	7/15/2016 6:08:00 PM	R35748
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	7/15/2016 6:08:00 PM	R35748
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	7/15/2016 6:08:00 PM	R35748
trans-1,2-DCE	1.4	1.0		µg/L	1	7/15/2016 6:08:00 PM	R35748
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	7/15/2016 6:08:00 PM	R35748
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	7/15/2016 6:08:00 PM	R35748
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	7/15/2016 6:08:00 PM	R35748
1,1,1-Trichloroethane	ND	1.0		µg/L	1	7/15/2016 6:08:00 PM	R35748
1,1,2-Trichloroethane	ND	1.0		µg/L	1	7/15/2016 6:08:00 PM	R35748
Trichloroethene (TCE)	3.1	1.0		µg/L	1	7/15/2016 6:08:00 PM	R35748
Trichlorofluoromethane	ND	1.0		µg/L	1	7/15/2016 6:08:00 PM	R35748
1,2,3-Trichloropropane	ND	2.0		µg/L	1	7/15/2016 6:08:00 PM	R35748
Vinyl chloride	ND	1.0		µg/L	1	7/15/2016 6:08:00 PM	R35748
Xylenes, Total	ND	1.5		µg/L	1	7/15/2016 6:08:00 PM	R35748
Surr: 1,2-Dichloroethane-d4	111	70-130		%Rec	1	7/15/2016 6:08:00 PM	R35748
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	1	7/15/2016 6:08:00 PM	R35748
Surr: Dibromofluoromethane	101	70-130		%Rec	1	7/15/2016 6:08:00 PM	R35748
Surr: Toluene-d8	94.1	70-130		%Rec	1	7/15/2016 6:08:00 PM	R35748

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Laun-Dry
Lab ID: 1607363-018 **Matrix:** AQUEOUS

Client Sample ID: MW-12
Collection Date: 7/6/2016 10:25:00 AM
Received Date: 7/8/2016 10:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
Benzene	ND	1.0		µg/L	1	7/15/2016 6:55:00 PM	R35748
Toluene	ND	1.0		µg/L	1	7/15/2016 6:55:00 PM	R35748
Ethylbenzene	ND	1.0		µg/L	1	7/15/2016 6:55:00 PM	R35748
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	7/15/2016 6:55:00 PM	R35748
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	7/15/2016 6:55:00 PM	R35748
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	7/15/2016 6:55:00 PM	R35748
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	7/15/2016 6:55:00 PM	R35748
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	7/15/2016 6:55:00 PM	R35748
Naphthalene	ND	2.0		µg/L	1	7/15/2016 6:55:00 PM	R35748
1-Methylnaphthalene	ND	4.0		µg/L	1	7/15/2016 6:55:00 PM	R35748
2-Methylnaphthalene	ND	4.0		µg/L	1	7/15/2016 6:55:00 PM	R35748
Acetone	ND	10		µg/L	1	7/15/2016 6:55:00 PM	R35748
Bromobenzene	ND	1.0		µg/L	1	7/15/2016 6:55:00 PM	R35748
Bromodichloromethane	ND	1.0		µg/L	1	7/15/2016 6:55:00 PM	R35748
Bromoform	ND	1.0		µg/L	1	7/15/2016 6:55:00 PM	R35748
Bromomethane	ND	3.0		µg/L	1	7/15/2016 6:55:00 PM	R35748
2-Butanone	ND	10		µg/L	1	7/15/2016 6:55:00 PM	R35748
Carbon disulfide	ND	10		µg/L	1	7/15/2016 6:55:00 PM	R35748
Carbon Tetrachloride	ND	1.0		µg/L	1	7/15/2016 6:55:00 PM	R35748
Chlorobenzene	ND	1.0		µg/L	1	7/15/2016 6:55:00 PM	R35748
Chloroethane	ND	2.0		µg/L	1	7/15/2016 6:55:00 PM	R35748
Chloroform	ND	1.0		µg/L	1	7/15/2016 6:55:00 PM	R35748
Chloromethane	ND	3.0		µg/L	1	7/15/2016 6:55:00 PM	R35748
2-Chlorotoluene	ND	1.0		µg/L	1	7/15/2016 6:55:00 PM	R35748
4-Chlorotoluene	ND	1.0		µg/L	1	7/15/2016 6:55:00 PM	R35748
cis-1,2-DCE	9.8	1.0		µg/L	1	7/15/2016 6:55:00 PM	R35748
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	7/15/2016 6:55:00 PM	R35748
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	7/15/2016 6:55:00 PM	R35748
Dibromochloromethane	ND	1.0		µg/L	1	7/15/2016 6:55:00 PM	R35748
Dibromomethane	ND	1.0		µg/L	1	7/15/2016 6:55:00 PM	R35748
1,2-Dichlorobenzene	ND	1.0		µg/L	1	7/15/2016 6:55:00 PM	R35748
1,3-Dichlorobenzene	ND	1.0		µg/L	1	7/15/2016 6:55:00 PM	R35748
1,4-Dichlorobenzene	ND	1.0		µg/L	1	7/15/2016 6:55:00 PM	R35748
Dichlorodifluoromethane	ND	1.0		µg/L	1	7/15/2016 6:55:00 PM	R35748
1,1-Dichloroethane	ND	1.0		µg/L	1	7/15/2016 6:55:00 PM	R35748
1,1-Dichloroethene	ND	1.0		µg/L	1	7/15/2016 6:55:00 PM	R35748
1,2-Dichloropropane	ND	1.0		µg/L	1	7/15/2016 6:55:00 PM	R35748
1,3-Dichloropropane	ND	1.0		µg/L	1	7/15/2016 6:55:00 PM	R35748
2,2-Dichloropropane	ND	2.0		µg/L	1	7/15/2016 6:55:00 PM	R35748

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Laun-Dry
Lab ID: 1607363-018 **Matrix:** AQUEOUS

Client Sample ID: MW-12
Collection Date: 7/6/2016 10:25:00 AM
Received Date: 7/8/2016 10:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
1,1-Dichloropropene	ND	1.0		µg/L	1	7/15/2016 6:55:00 PM	R35748
Hexachlorobutadiene	ND	1.0		µg/L	1	7/15/2016 6:55:00 PM	R35748
2-Hexanone	ND	10		µg/L	1	7/15/2016 6:55:00 PM	R35748
Isopropylbenzene	ND	1.0		µg/L	1	7/15/2016 6:55:00 PM	R35748
4-Isopropyltoluene	ND	1.0		µg/L	1	7/15/2016 6:55:00 PM	R35748
4-Methyl-2-pentanone	ND	10		µg/L	1	7/15/2016 6:55:00 PM	R35748
Methylene Chloride	ND	3.0		µg/L	1	7/15/2016 6:55:00 PM	R35748
n-Butylbenzene	ND	3.0		µg/L	1	7/15/2016 6:55:00 PM	R35748
n-Propylbenzene	ND	1.0		µg/L	1	7/15/2016 6:55:00 PM	R35748
sec-Butylbenzene	ND	1.0		µg/L	1	7/15/2016 6:55:00 PM	R35748
Styrene	ND	1.0		µg/L	1	7/15/2016 6:55:00 PM	R35748
tert-Butylbenzene	ND	1.0		µg/L	1	7/15/2016 6:55:00 PM	R35748
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	7/15/2016 6:55:00 PM	R35748
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	7/15/2016 6:55:00 PM	R35748
Tetrachloroethene (PCE)	7.6	1.0		µg/L	1	7/15/2016 6:55:00 PM	R35748
trans-1,2-DCE	8.1	1.0		µg/L	1	7/15/2016 6:55:00 PM	R35748
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	7/15/2016 6:55:00 PM	R35748
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	7/15/2016 6:55:00 PM	R35748
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	7/15/2016 6:55:00 PM	R35748
1,1,1-Trichloroethane	ND	1.0		µg/L	1	7/15/2016 6:55:00 PM	R35748
1,1,2-Trichloroethane	ND	1.0		µg/L	1	7/15/2016 6:55:00 PM	R35748
Trichloroethene (TCE)	18	1.0		µg/L	1	7/15/2016 6:55:00 PM	R35748
Trichlorofluoromethane	ND	1.0		µg/L	1	7/15/2016 6:55:00 PM	R35748
1,2,3-Trichloropropane	ND	2.0		µg/L	1	7/15/2016 6:55:00 PM	R35748
Vinyl chloride	ND	1.0		µg/L	1	7/15/2016 6:55:00 PM	R35748
Xylenes, Total	ND	1.5		µg/L	1	7/15/2016 6:55:00 PM	R35748
Surr: 1,2-Dichloroethane-d4	112	70-130		%Rec	1	7/15/2016 6:55:00 PM	R35748
Surr: 4-Bromofluorobenzene	98.8	70-130		%Rec	1	7/15/2016 6:55:00 PM	R35748
Surr: Dibromofluoromethane	102	70-130		%Rec	1	7/15/2016 6:55:00 PM	R35748
Surr: Toluene-d8	93.9	70-130		%Rec	1	7/15/2016 6:55:00 PM	R35748

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Laun-Dry
Lab ID: 1607363-019 **Matrix:** AQUEOUS

Client Sample ID: MW-14S
Collection Date: 7/6/2016 11:00:00 AM
Received Date: 7/8/2016 10:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
Benzene	ND	1.0		µg/L	1	7/15/2016 7:18:00 PM	R35748
Toluene	ND	1.0		µg/L	1	7/15/2016 7:18:00 PM	R35748
Ethylbenzene	ND	1.0		µg/L	1	7/15/2016 7:18:00 PM	R35748
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	7/15/2016 7:18:00 PM	R35748
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	7/15/2016 7:18:00 PM	R35748
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	7/15/2016 7:18:00 PM	R35748
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	7/15/2016 7:18:00 PM	R35748
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	7/15/2016 7:18:00 PM	R35748
Naphthalene	ND	2.0		µg/L	1	7/15/2016 7:18:00 PM	R35748
1-Methylnaphthalene	ND	4.0		µg/L	1	7/15/2016 7:18:00 PM	R35748
2-Methylnaphthalene	ND	4.0		µg/L	1	7/15/2016 7:18:00 PM	R35748
Acetone	ND	10		µg/L	1	7/15/2016 7:18:00 PM	R35748
Bromobenzene	ND	1.0		µg/L	1	7/15/2016 7:18:00 PM	R35748
Bromodichloromethane	ND	1.0		µg/L	1	7/15/2016 7:18:00 PM	R35748
Bromoform	ND	1.0		µg/L	1	7/15/2016 7:18:00 PM	R35748
Bromomethane	ND	3.0		µg/L	1	7/15/2016 7:18:00 PM	R35748
2-Butanone	ND	10		µg/L	1	7/15/2016 7:18:00 PM	R35748
Carbon disulfide	ND	10		µg/L	1	7/15/2016 7:18:00 PM	R35748
Carbon Tetrachloride	ND	1.0		µg/L	1	7/15/2016 7:18:00 PM	R35748
Chlorobenzene	ND	1.0		µg/L	1	7/15/2016 7:18:00 PM	R35748
Chloroethane	ND	2.0		µg/L	1	7/15/2016 7:18:00 PM	R35748
Chloroform	ND	1.0		µg/L	1	7/15/2016 7:18:00 PM	R35748
Chloromethane	ND	3.0		µg/L	1	7/15/2016 7:18:00 PM	R35748
2-Chlorotoluene	ND	1.0		µg/L	1	7/15/2016 7:18:00 PM	R35748
4-Chlorotoluene	ND	1.0		µg/L	1	7/15/2016 7:18:00 PM	R35748
cis-1,2-DCE	110	10		µg/L	10	7/18/2016 12:30:00 PM	R35759
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	7/15/2016 7:18:00 PM	R35748
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	7/15/2016 7:18:00 PM	R35748
Dibromochloromethane	ND	1.0		µg/L	1	7/15/2016 7:18:00 PM	R35748
Dibromomethane	ND	1.0		µg/L	1	7/15/2016 7:18:00 PM	R35748
1,2-Dichlorobenzene	ND	1.0		µg/L	1	7/15/2016 7:18:00 PM	R35748
1,3-Dichlorobenzene	ND	1.0		µg/L	1	7/15/2016 7:18:00 PM	R35748
1,4-Dichlorobenzene	ND	1.0		µg/L	1	7/15/2016 7:18:00 PM	R35748
Dichlorodifluoromethane	ND	1.0		µg/L	1	7/15/2016 7:18:00 PM	R35748
1,1-Dichloroethane	ND	1.0		µg/L	1	7/15/2016 7:18:00 PM	R35748
1,1-Dichloroethene	ND	1.0		µg/L	1	7/15/2016 7:18:00 PM	R35748
1,2-Dichloropropane	ND	1.0		µg/L	1	7/15/2016 7:18:00 PM	R35748
1,3-Dichloropropane	ND	1.0		µg/L	1	7/15/2016 7:18:00 PM	R35748
2,2-Dichloropropane	ND	2.0		µg/L	1	7/15/2016 7:18:00 PM	R35748

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Laun-Dry
Lab ID: 1607363-019 **Matrix:** AQUEOUS

Client Sample ID: MW-14S
Collection Date: 7/6/2016 11:00:00 AM
Received Date: 7/8/2016 10:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
1,1-Dichloropropene	ND	1.0		µg/L	1	7/15/2016 7:18:00 PM	R35748
Hexachlorobutadiene	ND	1.0		µg/L	1	7/15/2016 7:18:00 PM	R35748
2-Hexanone	ND	10		µg/L	1	7/15/2016 7:18:00 PM	R35748
Isopropylbenzene	ND	1.0		µg/L	1	7/15/2016 7:18:00 PM	R35748
4-Isopropyltoluene	ND	1.0		µg/L	1	7/15/2016 7:18:00 PM	R35748
4-Methyl-2-pentanone	ND	10		µg/L	1	7/15/2016 7:18:00 PM	R35748
Methylene Chloride	ND	3.0		µg/L	1	7/15/2016 7:18:00 PM	R35748
n-Butylbenzene	ND	3.0		µg/L	1	7/15/2016 7:18:00 PM	R35748
n-Propylbenzene	ND	1.0		µg/L	1	7/15/2016 7:18:00 PM	R35748
sec-Butylbenzene	ND	1.0		µg/L	1	7/15/2016 7:18:00 PM	R35748
Styrene	ND	1.0		µg/L	1	7/15/2016 7:18:00 PM	R35748
tert-Butylbenzene	ND	1.0		µg/L	1	7/15/2016 7:18:00 PM	R35748
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	7/15/2016 7:18:00 PM	R35748
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	7/15/2016 7:18:00 PM	R35748
Tetrachloroethene (PCE)	2.1	1.0		µg/L	1	7/15/2016 7:18:00 PM	R35748
trans-1,2-DCE	86	10		µg/L	10	7/18/2016 12:30:00 PM	R35759
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	7/15/2016 7:18:00 PM	R35748
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	7/15/2016 7:18:00 PM	R35748
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	7/15/2016 7:18:00 PM	R35748
1,1,1-Trichloroethane	ND	1.0		µg/L	1	7/15/2016 7:18:00 PM	R35748
1,1,2-Trichloroethane	ND	1.0		µg/L	1	7/15/2016 7:18:00 PM	R35748
Trichloroethene (TCE)	180	10		µg/L	10	7/18/2016 12:30:00 PM	R35759
Trichlorofluoromethane	ND	1.0		µg/L	1	7/15/2016 7:18:00 PM	R35748
1,2,3-Trichloropropane	ND	2.0		µg/L	1	7/15/2016 7:18:00 PM	R35748
Vinyl chloride	ND	1.0		µg/L	1	7/15/2016 7:18:00 PM	R35748
Xylenes, Total	ND	1.5		µg/L	1	7/15/2016 7:18:00 PM	R35748
Surr: 1,2-Dichloroethane-d4	118	70-130		%Rec	1	7/15/2016 7:18:00 PM	R35748
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	1	7/15/2016 7:18:00 PM	R35748
Surr: Dibromofluoromethane	103	70-130		%Rec	1	7/15/2016 7:18:00 PM	R35748
Surr: Toluene-d8	93.7	70-130		%Rec	1	7/15/2016 7:18:00 PM	R35748

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Laun-Dry
Lab ID: 1607363-020 **Matrix:** AQUEOUS

Client Sample ID: MW-6
Collection Date: 7/6/2016 11:30:00 AM
Received Date: 7/8/2016 10:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
Benzene	ND	1.0		µg/L	1	7/15/2016 7:42:00 PM	R35748
Toluene	ND	1.0		µg/L	1	7/15/2016 7:42:00 PM	R35748
Ethylbenzene	ND	1.0		µg/L	1	7/15/2016 7:42:00 PM	R35748
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	7/15/2016 7:42:00 PM	R35748
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	7/15/2016 7:42:00 PM	R35748
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	7/15/2016 7:42:00 PM	R35748
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	7/15/2016 7:42:00 PM	R35748
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	7/15/2016 7:42:00 PM	R35748
Naphthalene	ND	2.0		µg/L	1	7/15/2016 7:42:00 PM	R35748
1-Methylnaphthalene	ND	4.0		µg/L	1	7/15/2016 7:42:00 PM	R35748
2-Methylnaphthalene	ND	4.0		µg/L	1	7/15/2016 7:42:00 PM	R35748
Acetone	ND	10		µg/L	1	7/15/2016 7:42:00 PM	R35748
Bromobenzene	ND	1.0		µg/L	1	7/15/2016 7:42:00 PM	R35748
Bromodichloromethane	ND	1.0		µg/L	1	7/15/2016 7:42:00 PM	R35748
Bromoform	ND	1.0		µg/L	1	7/15/2016 7:42:00 PM	R35748
Bromomethane	ND	3.0		µg/L	1	7/15/2016 7:42:00 PM	R35748
2-Butanone	ND	10		µg/L	1	7/15/2016 7:42:00 PM	R35748
Carbon disulfide	ND	10		µg/L	1	7/15/2016 7:42:00 PM	R35748
Carbon Tetrachloride	ND	1.0		µg/L	1	7/15/2016 7:42:00 PM	R35748
Chlorobenzene	ND	1.0		µg/L	1	7/15/2016 7:42:00 PM	R35748
Chloroethane	ND	2.0		µg/L	1	7/15/2016 7:42:00 PM	R35748
Chloroform	ND	1.0		µg/L	1	7/15/2016 7:42:00 PM	R35748
Chloromethane	ND	3.0		µg/L	1	7/15/2016 7:42:00 PM	R35748
2-Chlorotoluene	ND	1.0		µg/L	1	7/15/2016 7:42:00 PM	R35748
4-Chlorotoluene	ND	1.0		µg/L	1	7/15/2016 7:42:00 PM	R35748
cis-1,2-DCE	2.4	1.0		µg/L	1	7/15/2016 7:42:00 PM	R35748
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	7/15/2016 7:42:00 PM	R35748
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	7/15/2016 7:42:00 PM	R35748
Dibromochloromethane	ND	1.0		µg/L	1	7/15/2016 7:42:00 PM	R35748
Dibromomethane	ND	1.0		µg/L	1	7/15/2016 7:42:00 PM	R35748
1,2-Dichlorobenzene	ND	1.0		µg/L	1	7/15/2016 7:42:00 PM	R35748
1,3-Dichlorobenzene	ND	1.0		µg/L	1	7/15/2016 7:42:00 PM	R35748
1,4-Dichlorobenzene	ND	1.0		µg/L	1	7/15/2016 7:42:00 PM	R35748
Dichlorodifluoromethane	ND	1.0		µg/L	1	7/15/2016 7:42:00 PM	R35748
1,1-Dichloroethane	ND	1.0		µg/L	1	7/15/2016 7:42:00 PM	R35748
1,1-Dichloroethene	ND	1.0		µg/L	1	7/15/2016 7:42:00 PM	R35748
1,2-Dichloropropane	ND	1.0		µg/L	1	7/15/2016 7:42:00 PM	R35748
1,3-Dichloropropane	ND	1.0		µg/L	1	7/15/2016 7:42:00 PM	R35748
2,2-Dichloropropane	ND	2.0		µg/L	1	7/15/2016 7:42:00 PM	R35748

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Laun-Dry
Lab ID: 1607363-020 **Matrix:** AQUEOUS

Client Sample ID: MW-6
Collection Date: 7/6/2016 11:30:00 AM
Received Date: 7/8/2016 10:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
1,1-Dichloropropene	ND	1.0		µg/L	1	7/15/2016 7:42:00 PM	R35748
Hexachlorobutadiene	ND	1.0		µg/L	1	7/15/2016 7:42:00 PM	R35748
2-Hexanone	ND	10		µg/L	1	7/15/2016 7:42:00 PM	R35748
Isopropylbenzene	ND	1.0		µg/L	1	7/15/2016 7:42:00 PM	R35748
4-Isopropyltoluene	ND	1.0		µg/L	1	7/15/2016 7:42:00 PM	R35748
4-Methyl-2-pentanone	ND	10		µg/L	1	7/15/2016 7:42:00 PM	R35748
Methylene Chloride	ND	3.0		µg/L	1	7/15/2016 7:42:00 PM	R35748
n-Butylbenzene	ND	3.0		µg/L	1	7/15/2016 7:42:00 PM	R35748
n-Propylbenzene	ND	1.0		µg/L	1	7/15/2016 7:42:00 PM	R35748
sec-Butylbenzene	ND	1.0		µg/L	1	7/15/2016 7:42:00 PM	R35748
Styrene	ND	1.0		µg/L	1	7/15/2016 7:42:00 PM	R35748
tert-Butylbenzene	ND	1.0		µg/L	1	7/15/2016 7:42:00 PM	R35748
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	7/15/2016 7:42:00 PM	R35748
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	7/15/2016 7:42:00 PM	R35748
Tetrachloroethene (PCE)	8.6	1.0		µg/L	1	7/15/2016 7:42:00 PM	R35748
trans-1,2-DCE	ND	1.0		µg/L	1	7/15/2016 7:42:00 PM	R35748
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	7/15/2016 7:42:00 PM	R35748
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	7/15/2016 7:42:00 PM	R35748
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	7/15/2016 7:42:00 PM	R35748
1,1,1-Trichloroethane	ND	1.0		µg/L	1	7/15/2016 7:42:00 PM	R35748
1,1,2-Trichloroethane	ND	1.0		µg/L	1	7/15/2016 7:42:00 PM	R35748
Trichloroethene (TCE)	8.6	1.0		µg/L	1	7/15/2016 7:42:00 PM	R35748
Trichlorofluoromethane	ND	1.0		µg/L	1	7/15/2016 7:42:00 PM	R35748
1,2,3-Trichloropropane	ND	2.0		µg/L	1	7/15/2016 7:42:00 PM	R35748
Vinyl chloride	ND	1.0		µg/L	1	7/15/2016 7:42:00 PM	R35748
Xylenes, Total	ND	1.5		µg/L	1	7/15/2016 7:42:00 PM	R35748
Surr: 1,2-Dichloroethane-d4	114	70-130		%Rec	1	7/15/2016 7:42:00 PM	R35748
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	1	7/15/2016 7:42:00 PM	R35748
Surr: Dibromofluoromethane	104	70-130		%Rec	1	7/15/2016 7:42:00 PM	R35748
Surr: Toluene-d8	98.3	70-130		%Rec	1	7/15/2016 7:42:00 PM	R35748

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Laun-Dry
Lab ID: 1607363-021 **Matrix:** AQUEOUS

Client Sample ID: SVE-2
Collection Date: 7/6/2016 11:50:00 AM
Received Date: 7/8/2016 10:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
Benzene	ND	1.0		µg/L	1	7/15/2016 8:05:00 PM	R35748
Toluene	ND	1.0		µg/L	1	7/15/2016 8:05:00 PM	R35748
Ethylbenzene	ND	1.0		µg/L	1	7/15/2016 8:05:00 PM	R35748
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	7/15/2016 8:05:00 PM	R35748
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	7/15/2016 8:05:00 PM	R35748
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	7/15/2016 8:05:00 PM	R35748
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	7/15/2016 8:05:00 PM	R35748
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	7/15/2016 8:05:00 PM	R35748
Naphthalene	ND	2.0		µg/L	1	7/15/2016 8:05:00 PM	R35748
1-Methylnaphthalene	ND	4.0		µg/L	1	7/15/2016 8:05:00 PM	R35748
2-Methylnaphthalene	ND	4.0		µg/L	1	7/15/2016 8:05:00 PM	R35748
Acetone	ND	10		µg/L	1	7/15/2016 8:05:00 PM	R35748
Bromobenzene	ND	1.0		µg/L	1	7/15/2016 8:05:00 PM	R35748
Bromodichloromethane	ND	1.0		µg/L	1	7/15/2016 8:05:00 PM	R35748
Bromoform	ND	1.0		µg/L	1	7/15/2016 8:05:00 PM	R35748
Bromomethane	ND	3.0		µg/L	1	7/15/2016 8:05:00 PM	R35748
2-Butanone	ND	10		µg/L	1	7/15/2016 8:05:00 PM	R35748
Carbon disulfide	ND	10		µg/L	1	7/15/2016 8:05:00 PM	R35748
Carbon Tetrachloride	ND	1.0		µg/L	1	7/15/2016 8:05:00 PM	R35748
Chlorobenzene	ND	1.0		µg/L	1	7/15/2016 8:05:00 PM	R35748
Chloroethane	ND	2.0		µg/L	1	7/15/2016 8:05:00 PM	R35748
Chloroform	ND	1.0		µg/L	1	7/15/2016 8:05:00 PM	R35748
Chloromethane	ND	3.0		µg/L	1	7/15/2016 8:05:00 PM	R35748
2-Chlorotoluene	ND	1.0		µg/L	1	7/15/2016 8:05:00 PM	R35748
4-Chlorotoluene	ND	1.0		µg/L	1	7/15/2016 8:05:00 PM	R35748
cis-1,2-DCE	2.9	1.0		µg/L	1	7/15/2016 8:05:00 PM	R35748
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	7/15/2016 8:05:00 PM	R35748
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	7/15/2016 8:05:00 PM	R35748
Dibromochloromethane	ND	1.0		µg/L	1	7/15/2016 8:05:00 PM	R35748
Dibromomethane	ND	1.0		µg/L	1	7/15/2016 8:05:00 PM	R35748
1,2-Dichlorobenzene	ND	1.0		µg/L	1	7/15/2016 8:05:00 PM	R35748
1,3-Dichlorobenzene	ND	1.0		µg/L	1	7/15/2016 8:05:00 PM	R35748
1,4-Dichlorobenzene	ND	1.0		µg/L	1	7/15/2016 8:05:00 PM	R35748
Dichlorodifluoromethane	ND	1.0		µg/L	1	7/15/2016 8:05:00 PM	R35748
1,1-Dichloroethane	ND	1.0		µg/L	1	7/15/2016 8:05:00 PM	R35748
1,1-Dichloroethene	ND	1.0		µg/L	1	7/15/2016 8:05:00 PM	R35748
1,2-Dichloropropane	ND	1.0		µg/L	1	7/15/2016 8:05:00 PM	R35748
1,3-Dichloropropane	ND	1.0		µg/L	1	7/15/2016 8:05:00 PM	R35748
2,2-Dichloropropane	ND	2.0		µg/L	1	7/15/2016 8:05:00 PM	R35748

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Laun-Dry
Lab ID: 1607363-021 **Matrix:** AQUEOUS

Client Sample ID: SVE-2
Collection Date: 7/6/2016 11:50:00 AM
Received Date: 7/8/2016 10:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
1,1-Dichloropropene	ND	1.0		µg/L	1	7/15/2016 8:05:00 PM	R35748
Hexachlorobutadiene	ND	1.0		µg/L	1	7/15/2016 8:05:00 PM	R35748
2-Hexanone	ND	10		µg/L	1	7/15/2016 8:05:00 PM	R35748
Isopropylbenzene	ND	1.0		µg/L	1	7/15/2016 8:05:00 PM	R35748
4-Isopropyltoluene	ND	1.0		µg/L	1	7/15/2016 8:05:00 PM	R35748
4-Methyl-2-pentanone	ND	10		µg/L	1	7/15/2016 8:05:00 PM	R35748
Methylene Chloride	ND	3.0		µg/L	1	7/15/2016 8:05:00 PM	R35748
n-Butylbenzene	ND	3.0		µg/L	1	7/15/2016 8:05:00 PM	R35748
n-Propylbenzene	ND	1.0		µg/L	1	7/15/2016 8:05:00 PM	R35748
sec-Butylbenzene	ND	1.0		µg/L	1	7/15/2016 8:05:00 PM	R35748
Styrene	ND	1.0		µg/L	1	7/15/2016 8:05:00 PM	R35748
tert-Butylbenzene	ND	1.0		µg/L	1	7/15/2016 8:05:00 PM	R35748
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	7/15/2016 8:05:00 PM	R35748
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	7/15/2016 8:05:00 PM	R35748
Tetrachloroethene (PCE)	9.7	1.0		µg/L	1	7/15/2016 8:05:00 PM	R35748
trans-1,2-DCE	1.3	1.0		µg/L	1	7/15/2016 8:05:00 PM	R35748
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	7/15/2016 8:05:00 PM	R35748
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	7/15/2016 8:05:00 PM	R35748
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	7/15/2016 8:05:00 PM	R35748
1,1,1-Trichloroethane	ND	1.0		µg/L	1	7/15/2016 8:05:00 PM	R35748
1,1,2-Trichloroethane	ND	1.0		µg/L	1	7/15/2016 8:05:00 PM	R35748
Trichloroethene (TCE)	23	1.0		µg/L	1	7/15/2016 8:05:00 PM	R35748
Trichlorofluoromethane	ND	1.0		µg/L	1	7/15/2016 8:05:00 PM	R35748
1,2,3-Trichloropropane	ND	2.0		µg/L	1	7/15/2016 8:05:00 PM	R35748
Vinyl chloride	ND	1.0		µg/L	1	7/15/2016 8:05:00 PM	R35748
Xylenes, Total	ND	1.5		µg/L	1	7/15/2016 8:05:00 PM	R35748
Surr: 1,2-Dichloroethane-d4	114	70-130		%Rec	1	7/15/2016 8:05:00 PM	R35748
Surr: 4-Bromofluorobenzene	111	70-130		%Rec	1	7/15/2016 8:05:00 PM	R35748
Surr: Dibromofluoromethane	104	70-130		%Rec	1	7/15/2016 8:05:00 PM	R35748
Surr: Toluene-d8	94.4	70-130		%Rec	1	7/15/2016 8:05:00 PM	R35748

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Laun-Dry
Lab ID: 1607363-022 **Matrix:** AQUEOUS

Client Sample ID: SVE-3
Collection Date: 7/6/2016 12:25:00 PM
Received Date: 7/8/2016 10:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
Benzene	ND	1.0		µg/L	1	7/15/2016 8:29:00 PM	R35748
Toluene	ND	1.0		µg/L	1	7/15/2016 8:29:00 PM	R35748
Ethylbenzene	ND	1.0		µg/L	1	7/15/2016 8:29:00 PM	R35748
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	7/15/2016 8:29:00 PM	R35748
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	7/15/2016 8:29:00 PM	R35748
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	7/15/2016 8:29:00 PM	R35748
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	7/15/2016 8:29:00 PM	R35748
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	7/15/2016 8:29:00 PM	R35748
Naphthalene	ND	2.0		µg/L	1	7/15/2016 8:29:00 PM	R35748
1-Methylnaphthalene	ND	4.0		µg/L	1	7/15/2016 8:29:00 PM	R35748
2-Methylnaphthalene	ND	4.0		µg/L	1	7/15/2016 8:29:00 PM	R35748
Acetone	ND	10		µg/L	1	7/15/2016 8:29:00 PM	R35748
Bromobenzene	ND	1.0		µg/L	1	7/15/2016 8:29:00 PM	R35748
Bromodichloromethane	ND	1.0		µg/L	1	7/15/2016 8:29:00 PM	R35748
Bromoform	ND	1.0		µg/L	1	7/15/2016 8:29:00 PM	R35748
Bromomethane	ND	3.0		µg/L	1	7/15/2016 8:29:00 PM	R35748
2-Butanone	ND	10		µg/L	1	7/15/2016 8:29:00 PM	R35748
Carbon disulfide	ND	10		µg/L	1	7/15/2016 8:29:00 PM	R35748
Carbon Tetrachloride	ND	1.0		µg/L	1	7/15/2016 8:29:00 PM	R35748
Chlorobenzene	ND	1.0		µg/L	1	7/15/2016 8:29:00 PM	R35748
Chloroethane	ND	2.0		µg/L	1	7/15/2016 8:29:00 PM	R35748
Chloroform	ND	1.0		µg/L	1	7/15/2016 8:29:00 PM	R35748
Chloromethane	ND	3.0		µg/L	1	7/15/2016 8:29:00 PM	R35748
2-Chlorotoluene	ND	1.0		µg/L	1	7/15/2016 8:29:00 PM	R35748
4-Chlorotoluene	ND	1.0		µg/L	1	7/15/2016 8:29:00 PM	R35748
cis-1,2-DCE	3.8	1.0		µg/L	1	7/15/2016 8:29:00 PM	R35748
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	7/15/2016 8:29:00 PM	R35748
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	7/15/2016 8:29:00 PM	R35748
Dibromochloromethane	ND	1.0		µg/L	1	7/15/2016 8:29:00 PM	R35748
Dibromomethane	ND	1.0		µg/L	1	7/15/2016 8:29:00 PM	R35748
1,2-Dichlorobenzene	ND	1.0		µg/L	1	7/15/2016 8:29:00 PM	R35748
1,3-Dichlorobenzene	ND	1.0		µg/L	1	7/15/2016 8:29:00 PM	R35748
1,4-Dichlorobenzene	ND	1.0		µg/L	1	7/15/2016 8:29:00 PM	R35748
Dichlorodifluoromethane	ND	1.0		µg/L	1	7/15/2016 8:29:00 PM	R35748
1,1-Dichloroethane	ND	1.0		µg/L	1	7/15/2016 8:29:00 PM	R35748
1,1-Dichloroethene	ND	1.0		µg/L	1	7/15/2016 8:29:00 PM	R35748
1,2-Dichloropropane	ND	1.0		µg/L	1	7/15/2016 8:29:00 PM	R35748
1,3-Dichloropropane	ND	1.0		µg/L	1	7/15/2016 8:29:00 PM	R35748
2,2-Dichloropropane	ND	2.0		µg/L	1	7/15/2016 8:29:00 PM	R35748

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Laun-Dry
Lab ID: 1607363-022 **Matrix:** AQUEOUS

Client Sample ID: SVE-3
Collection Date: 7/6/2016 12:25:00 PM
Received Date: 7/8/2016 10:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
1,1-Dichloropropene	ND	1.0		µg/L	1	7/15/2016 8:29:00 PM	R35748
Hexachlorobutadiene	ND	1.0		µg/L	1	7/15/2016 8:29:00 PM	R35748
2-Hexanone	ND	10		µg/L	1	7/15/2016 8:29:00 PM	R35748
Isopropylbenzene	ND	1.0		µg/L	1	7/15/2016 8:29:00 PM	R35748
4-Isopropyltoluene	ND	1.0		µg/L	1	7/15/2016 8:29:00 PM	R35748
4-Methyl-2-pentanone	ND	10		µg/L	1	7/15/2016 8:29:00 PM	R35748
Methylene Chloride	ND	3.0		µg/L	1	7/15/2016 8:29:00 PM	R35748
n-Butylbenzene	ND	3.0		µg/L	1	7/15/2016 8:29:00 PM	R35748
n-Propylbenzene	ND	1.0		µg/L	1	7/15/2016 8:29:00 PM	R35748
sec-Butylbenzene	ND	1.0		µg/L	1	7/15/2016 8:29:00 PM	R35748
Styrene	ND	1.0		µg/L	1	7/15/2016 8:29:00 PM	R35748
tert-Butylbenzene	ND	1.0		µg/L	1	7/15/2016 8:29:00 PM	R35748
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	7/15/2016 8:29:00 PM	R35748
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	7/15/2016 8:29:00 PM	R35748
Tetrachloroethene (PCE)	5.0	1.0		µg/L	1	7/15/2016 8:29:00 PM	R35748
trans-1,2-DCE	4.4	1.0		µg/L	1	7/15/2016 8:29:00 PM	R35748
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	7/15/2016 8:29:00 PM	R35748
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	7/15/2016 8:29:00 PM	R35748
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	7/15/2016 8:29:00 PM	R35748
1,1,1-Trichloroethane	ND	1.0		µg/L	1	7/15/2016 8:29:00 PM	R35748
1,1,2-Trichloroethane	ND	1.0		µg/L	1	7/15/2016 8:29:00 PM	R35748
Trichloroethene (TCE)	11	1.0		µg/L	1	7/15/2016 8:29:00 PM	R35748
Trichlorofluoromethane	ND	1.0		µg/L	1	7/15/2016 8:29:00 PM	R35748
1,2,3-Trichloropropane	ND	2.0		µg/L	1	7/15/2016 8:29:00 PM	R35748
Vinyl chloride	ND	1.0		µg/L	1	7/15/2016 8:29:00 PM	R35748
Xylenes, Total	ND	1.5		µg/L	1	7/15/2016 8:29:00 PM	R35748
Surr: 1,2-Dichloroethane-d4	106	70-130		%Rec	1	7/15/2016 8:29:00 PM	R35748
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	1	7/15/2016 8:29:00 PM	R35748
Surr: Dibromofluoromethane	100	70-130		%Rec	1	7/15/2016 8:29:00 PM	R35748
Surr: Toluene-d8	91.4	70-130		%Rec	1	7/15/2016 8:29:00 PM	R35748

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: MW-1
Project: Laun-Dry
Collection Date: 7/6/2016 12:47:00 PM
Lab ID: 1607363-023
Matrix: AQUEOUS
Received Date: 7/8/2016 10:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
Benzene	ND	1.0		µg/L	1	7/15/2016 8:52:00 PM	R35748
Toluene	ND	1.0		µg/L	1	7/15/2016 8:52:00 PM	R35748
Ethylbenzene	ND	1.0		µg/L	1	7/15/2016 8:52:00 PM	R35748
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	7/15/2016 8:52:00 PM	R35748
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	7/15/2016 8:52:00 PM	R35748
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	7/15/2016 8:52:00 PM	R35748
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	7/15/2016 8:52:00 PM	R35748
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	7/15/2016 8:52:00 PM	R35748
Naphthalene	ND	2.0		µg/L	1	7/15/2016 8:52:00 PM	R35748
1-Methylnaphthalene	ND	4.0		µg/L	1	7/15/2016 8:52:00 PM	R35748
2-Methylnaphthalene	ND	4.0		µg/L	1	7/15/2016 8:52:00 PM	R35748
Acetone	ND	10		µg/L	1	7/15/2016 8:52:00 PM	R35748
Bromobenzene	ND	1.0		µg/L	1	7/15/2016 8:52:00 PM	R35748
Bromodichloromethane	ND	1.0		µg/L	1	7/15/2016 8:52:00 PM	R35748
Bromoform	ND	1.0		µg/L	1	7/15/2016 8:52:00 PM	R35748
Bromomethane	ND	3.0		µg/L	1	7/15/2016 8:52:00 PM	R35748
2-Butanone	ND	10		µg/L	1	7/15/2016 8:52:00 PM	R35748
Carbon disulfide	ND	10		µg/L	1	7/15/2016 8:52:00 PM	R35748
Carbon Tetrachloride	ND	1.0		µg/L	1	7/15/2016 8:52:00 PM	R35748
Chlorobenzene	ND	1.0		µg/L	1	7/15/2016 8:52:00 PM	R35748
Chloroethane	ND	2.0		µg/L	1	7/15/2016 8:52:00 PM	R35748
Chloroform	ND	1.0		µg/L	1	7/15/2016 8:52:00 PM	R35748
Chloromethane	ND	3.0		µg/L	1	7/15/2016 8:52:00 PM	R35748
2-Chlorotoluene	ND	1.0		µg/L	1	7/15/2016 8:52:00 PM	R35748
4-Chlorotoluene	ND	1.0		µg/L	1	7/15/2016 8:52:00 PM	R35748
cis-1,2-DCE	ND	1.0		µg/L	1	7/15/2016 8:52:00 PM	R35748
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	7/15/2016 8:52:00 PM	R35748
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	7/15/2016 8:52:00 PM	R35748
Dibromochloromethane	ND	1.0		µg/L	1	7/15/2016 8:52:00 PM	R35748
Dibromomethane	ND	1.0		µg/L	1	7/15/2016 8:52:00 PM	R35748
1,2-Dichlorobenzene	ND	1.0		µg/L	1	7/15/2016 8:52:00 PM	R35748
1,3-Dichlorobenzene	ND	1.0		µg/L	1	7/15/2016 8:52:00 PM	R35748
1,4-Dichlorobenzene	ND	1.0		µg/L	1	7/15/2016 8:52:00 PM	R35748
Dichlorodifluoromethane	ND	1.0		µg/L	1	7/15/2016 8:52:00 PM	R35748
1,1-Dichloroethane	ND	1.0		µg/L	1	7/15/2016 8:52:00 PM	R35748
1,1-Dichloroethene	ND	1.0		µg/L	1	7/15/2016 8:52:00 PM	R35748
1,2-Dichloropropane	ND	1.0		µg/L	1	7/15/2016 8:52:00 PM	R35748
1,3-Dichloropropane	ND	1.0		µg/L	1	7/15/2016 8:52:00 PM	R35748
2,2-Dichloropropane	ND	2.0		µg/L	1	7/15/2016 8:52:00 PM	R35748

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Laun-Dry
Lab ID: 1607363-023 **Matrix:** AQUEOUS

Client Sample ID: MW-1
Collection Date: 7/6/2016 12:47:00 PM
Received Date: 7/8/2016 10:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
1,1-Dichloropropene	ND	1.0		µg/L	1	7/15/2016 8:52:00 PM	R35748
Hexachlorobutadiene	ND	1.0		µg/L	1	7/15/2016 8:52:00 PM	R35748
2-Hexanone	ND	10		µg/L	1	7/15/2016 8:52:00 PM	R35748
Isopropylbenzene	ND	1.0		µg/L	1	7/15/2016 8:52:00 PM	R35748
4-Isopropyltoluene	ND	1.0		µg/L	1	7/15/2016 8:52:00 PM	R35748
4-Methyl-2-pentanone	ND	10		µg/L	1	7/15/2016 8:52:00 PM	R35748
Methylene Chloride	ND	3.0		µg/L	1	7/15/2016 8:52:00 PM	R35748
n-Butylbenzene	ND	3.0		µg/L	1	7/15/2016 8:52:00 PM	R35748
n-Propylbenzene	ND	1.0		µg/L	1	7/15/2016 8:52:00 PM	R35748
sec-Butylbenzene	ND	1.0		µg/L	1	7/15/2016 8:52:00 PM	R35748
Styrene	ND	1.0		µg/L	1	7/15/2016 8:52:00 PM	R35748
tert-Butylbenzene	ND	1.0		µg/L	1	7/15/2016 8:52:00 PM	R35748
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	7/15/2016 8:52:00 PM	R35748
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	7/15/2016 8:52:00 PM	R35748
Tetrachloroethene (PCE)	8.5	1.0		µg/L	1	7/15/2016 8:52:00 PM	R35748
trans-1,2-DCE	ND	1.0		µg/L	1	7/15/2016 8:52:00 PM	R35748
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	7/15/2016 8:52:00 PM	R35748
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	7/15/2016 8:52:00 PM	R35748
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	7/15/2016 8:52:00 PM	R35748
1,1,1-Trichloroethane	ND	1.0		µg/L	1	7/15/2016 8:52:00 PM	R35748
1,1,2-Trichloroethane	ND	1.0		µg/L	1	7/15/2016 8:52:00 PM	R35748
Trichloroethene (TCE)	5.4	1.0		µg/L	1	7/15/2016 8:52:00 PM	R35748
Trichlorofluoromethane	ND	1.0		µg/L	1	7/15/2016 8:52:00 PM	R35748
1,2,3-Trichloropropane	ND	2.0		µg/L	1	7/15/2016 8:52:00 PM	R35748
Vinyl chloride	ND	1.0		µg/L	1	7/15/2016 8:52:00 PM	R35748
Xylenes, Total	ND	1.5		µg/L	1	7/15/2016 8:52:00 PM	R35748
Surr: 1,2-Dichloroethane-d4	107	70-130		%Rec	1	7/15/2016 8:52:00 PM	R35748
Surr: 4-Bromofluorobenzene	106	70-130		%Rec	1	7/15/2016 8:52:00 PM	R35748
Surr: Dibromofluoromethane	101	70-130		%Rec	1	7/15/2016 8:52:00 PM	R35748
Surr: Toluene-d8	95.1	70-130		%Rec	1	7/15/2016 8:52:00 PM	R35748

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: OB-2
Project: Laun-Dry
Collection Date: 7/6/2016 1:15:00 PM
Lab ID: 1607363-024
Matrix: AQUEOUS
Received Date: 7/8/2016 10:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
Benzene	ND	1.0		µg/L	1	7/15/2016 9:16:00 PM	R35748
Toluene	ND	1.0		µg/L	1	7/15/2016 9:16:00 PM	R35748
Ethylbenzene	ND	1.0		µg/L	1	7/15/2016 9:16:00 PM	R35748
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	7/15/2016 9:16:00 PM	R35748
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	7/15/2016 9:16:00 PM	R35748
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	7/15/2016 9:16:00 PM	R35748
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	7/15/2016 9:16:00 PM	R35748
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	7/15/2016 9:16:00 PM	R35748
Naphthalene	ND	2.0		µg/L	1	7/15/2016 9:16:00 PM	R35748
1-Methylnaphthalene	ND	4.0		µg/L	1	7/15/2016 9:16:00 PM	R35748
2-Methylnaphthalene	ND	4.0		µg/L	1	7/15/2016 9:16:00 PM	R35748
Acetone	ND	10		µg/L	1	7/15/2016 9:16:00 PM	R35748
Bromobenzene	ND	1.0		µg/L	1	7/15/2016 9:16:00 PM	R35748
Bromodichloromethane	ND	1.0		µg/L	1	7/15/2016 9:16:00 PM	R35748
Bromoform	ND	1.0		µg/L	1	7/15/2016 9:16:00 PM	R35748
Bromomethane	ND	3.0		µg/L	1	7/15/2016 9:16:00 PM	R35748
2-Butanone	ND	10		µg/L	1	7/15/2016 9:16:00 PM	R35748
Carbon disulfide	ND	10		µg/L	1	7/15/2016 9:16:00 PM	R35748
Carbon Tetrachloride	ND	1.0		µg/L	1	7/15/2016 9:16:00 PM	R35748
Chlorobenzene	ND	1.0		µg/L	1	7/15/2016 9:16:00 PM	R35748
Chloroethane	ND	2.0		µg/L	1	7/15/2016 9:16:00 PM	R35748
Chloroform	ND	1.0		µg/L	1	7/15/2016 9:16:00 PM	R35748
Chloromethane	ND	3.0		µg/L	1	7/15/2016 9:16:00 PM	R35748
2-Chlorotoluene	ND	1.0		µg/L	1	7/15/2016 9:16:00 PM	R35748
4-Chlorotoluene	ND	1.0		µg/L	1	7/15/2016 9:16:00 PM	R35748
cis-1,2-DCE	15	1.0		µg/L	1	7/15/2016 9:16:00 PM	R35748
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	7/15/2016 9:16:00 PM	R35748
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	7/15/2016 9:16:00 PM	R35748
Dibromochloromethane	ND	1.0		µg/L	1	7/15/2016 9:16:00 PM	R35748
Dibromomethane	ND	1.0		µg/L	1	7/15/2016 9:16:00 PM	R35748
1,2-Dichlorobenzene	ND	1.0		µg/L	1	7/15/2016 9:16:00 PM	R35748
1,3-Dichlorobenzene	ND	1.0		µg/L	1	7/15/2016 9:16:00 PM	R35748
1,4-Dichlorobenzene	ND	1.0		µg/L	1	7/15/2016 9:16:00 PM	R35748
Dichlorodifluoromethane	ND	1.0		µg/L	1	7/15/2016 9:16:00 PM	R35748
1,1-Dichloroethane	ND	1.0		µg/L	1	7/15/2016 9:16:00 PM	R35748
1,1-Dichloroethene	ND	1.0		µg/L	1	7/15/2016 9:16:00 PM	R35748
1,2-Dichloropropane	ND	1.0		µg/L	1	7/15/2016 9:16:00 PM	R35748
1,3-Dichloropropane	ND	1.0		µg/L	1	7/15/2016 9:16:00 PM	R35748
2,2-Dichloropropane	ND	2.0		µg/L	1	7/15/2016 9:16:00 PM	R35748

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Laun-Dry
Lab ID: 1607363-024 **Matrix:** AQUEOUS

Client Sample ID: OB-2
Collection Date: 7/6/2016 1:15:00 PM
Received Date: 7/8/2016 10:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
1,1-Dichloropropene	ND	1.0		µg/L	1	7/15/2016 9:16:00 PM	R35748
Hexachlorobutadiene	ND	1.0		µg/L	1	7/15/2016 9:16:00 PM	R35748
2-Hexanone	ND	10		µg/L	1	7/15/2016 9:16:00 PM	R35748
Isopropylbenzene	ND	1.0		µg/L	1	7/15/2016 9:16:00 PM	R35748
4-Isopropyltoluene	ND	1.0		µg/L	1	7/15/2016 9:16:00 PM	R35748
4-Methyl-2-pentanone	ND	10		µg/L	1	7/15/2016 9:16:00 PM	R35748
Methylene Chloride	ND	3.0		µg/L	1	7/15/2016 9:16:00 PM	R35748
n-Butylbenzene	ND	3.0		µg/L	1	7/15/2016 9:16:00 PM	R35748
n-Propylbenzene	ND	1.0		µg/L	1	7/15/2016 9:16:00 PM	R35748
sec-Butylbenzene	ND	1.0		µg/L	1	7/15/2016 9:16:00 PM	R35748
Styrene	ND	1.0		µg/L	1	7/15/2016 9:16:00 PM	R35748
tert-Butylbenzene	ND	1.0		µg/L	1	7/15/2016 9:16:00 PM	R35748
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	7/15/2016 9:16:00 PM	R35748
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	7/15/2016 9:16:00 PM	R35748
Tetrachloroethene (PCE)	78	1.0		µg/L	1	7/15/2016 9:16:00 PM	R35748
trans-1,2-DCE	7.2	1.0		µg/L	1	7/15/2016 9:16:00 PM	R35748
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	7/15/2016 9:16:00 PM	R35748
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	7/15/2016 9:16:00 PM	R35748
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	7/15/2016 9:16:00 PM	R35748
1,1,1-Trichloroethane	ND	1.0		µg/L	1	7/15/2016 9:16:00 PM	R35748
1,1,2-Trichloroethane	ND	1.0		µg/L	1	7/15/2016 9:16:00 PM	R35748
Trichloroethene (TCE)	59	1.0		µg/L	1	7/15/2016 9:16:00 PM	R35748
Trichlorofluoromethane	ND	1.0		µg/L	1	7/15/2016 9:16:00 PM	R35748
1,2,3-Trichloropropane	ND	2.0		µg/L	1	7/15/2016 9:16:00 PM	R35748
Vinyl chloride	ND	1.0		µg/L	1	7/15/2016 9:16:00 PM	R35748
Xylenes, Total	ND	1.5		µg/L	1	7/15/2016 9:16:00 PM	R35748
Surr: 1,2-Dichloroethane-d4	107	70-130		%Rec	1	7/15/2016 9:16:00 PM	R35748
Surr: 4-Bromofluorobenzene	99.3	70-130		%Rec	1	7/15/2016 9:16:00 PM	R35748
Surr: Dibromofluoromethane	101	70-130		%Rec	1	7/15/2016 9:16:00 PM	R35748
Surr: Toluene-d8	95.1	70-130		%Rec	1	7/15/2016 9:16:00 PM	R35748

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: MW-3
Project: Laun-Dry
Collection Date: 7/6/2016 1:50:00 PM
Lab ID: 1607363-025
Matrix: AQUEOUS
Received Date: 7/8/2016 10:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
Benzene	ND	1.0		µg/L	1	7/15/2016 9:39:00 PM	R35748
Toluene	ND	1.0		µg/L	1	7/15/2016 9:39:00 PM	R35748
Ethylbenzene	ND	1.0		µg/L	1	7/15/2016 9:39:00 PM	R35748
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	7/15/2016 9:39:00 PM	R35748
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	7/15/2016 9:39:00 PM	R35748
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	7/15/2016 9:39:00 PM	R35748
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	7/15/2016 9:39:00 PM	R35748
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	7/15/2016 9:39:00 PM	R35748
Naphthalene	ND	2.0		µg/L	1	7/15/2016 9:39:00 PM	R35748
1-Methylnaphthalene	ND	4.0		µg/L	1	7/15/2016 9:39:00 PM	R35748
2-Methylnaphthalene	ND	4.0		µg/L	1	7/15/2016 9:39:00 PM	R35748
Acetone	ND	10		µg/L	1	7/15/2016 9:39:00 PM	R35748
Bromobenzene	ND	1.0		µg/L	1	7/15/2016 9:39:00 PM	R35748
Bromodichloromethane	ND	1.0		µg/L	1	7/15/2016 9:39:00 PM	R35748
Bromoform	ND	1.0		µg/L	1	7/15/2016 9:39:00 PM	R35748
Bromomethane	ND	3.0		µg/L	1	7/15/2016 9:39:00 PM	R35748
2-Butanone	ND	10		µg/L	1	7/15/2016 9:39:00 PM	R35748
Carbon disulfide	ND	10		µg/L	1	7/15/2016 9:39:00 PM	R35748
Carbon Tetrachloride	ND	1.0		µg/L	1	7/15/2016 9:39:00 PM	R35748
Chlorobenzene	ND	1.0		µg/L	1	7/15/2016 9:39:00 PM	R35748
Chloroethane	ND	2.0		µg/L	1	7/15/2016 9:39:00 PM	R35748
Chloroform	ND	1.0		µg/L	1	7/15/2016 9:39:00 PM	R35748
Chloromethane	ND	3.0		µg/L	1	7/15/2016 9:39:00 PM	R35748
2-Chlorotoluene	ND	1.0		µg/L	1	7/15/2016 9:39:00 PM	R35748
4-Chlorotoluene	ND	1.0		µg/L	1	7/15/2016 9:39:00 PM	R35748
cis-1,2-DCE	2.7	1.0		µg/L	1	7/15/2016 9:39:00 PM	R35748
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	7/15/2016 9:39:00 PM	R35748
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	7/15/2016 9:39:00 PM	R35748
Dibromochloromethane	ND	1.0		µg/L	1	7/15/2016 9:39:00 PM	R35748
Dibromomethane	ND	1.0		µg/L	1	7/15/2016 9:39:00 PM	R35748
1,2-Dichlorobenzene	ND	1.0		µg/L	1	7/15/2016 9:39:00 PM	R35748
1,3-Dichlorobenzene	ND	1.0		µg/L	1	7/15/2016 9:39:00 PM	R35748
1,4-Dichlorobenzene	ND	1.0		µg/L	1	7/15/2016 9:39:00 PM	R35748
Dichlorodifluoromethane	ND	1.0		µg/L	1	7/15/2016 9:39:00 PM	R35748
1,1-Dichloroethane	ND	1.0		µg/L	1	7/15/2016 9:39:00 PM	R35748
1,1-Dichloroethene	ND	1.0		µg/L	1	7/15/2016 9:39:00 PM	R35748
1,2-Dichloropropane	ND	1.0		µg/L	1	7/15/2016 9:39:00 PM	R35748
1,3-Dichloropropane	ND	1.0		µg/L	1	7/15/2016 9:39:00 PM	R35748
2,2-Dichloropropane	ND	2.0		µg/L	1	7/15/2016 9:39:00 PM	R35748

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Laun-Dry
Lab ID: 1607363-025 **Matrix:** AQUEOUS

Client Sample ID: MW-3
Collection Date: 7/6/2016 1:50:00 PM
Received Date: 7/8/2016 10:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
1,1-Dichloropropene	ND	1.0		µg/L	1	7/15/2016 9:39:00 PM	R35748
Hexachlorobutadiene	ND	1.0		µg/L	1	7/15/2016 9:39:00 PM	R35748
2-Hexanone	ND	10		µg/L	1	7/15/2016 9:39:00 PM	R35748
Isopropylbenzene	ND	1.0		µg/L	1	7/15/2016 9:39:00 PM	R35748
4-Isopropyltoluene	ND	1.0		µg/L	1	7/15/2016 9:39:00 PM	R35748
4-Methyl-2-pentanone	ND	10		µg/L	1	7/15/2016 9:39:00 PM	R35748
Methylene Chloride	ND	3.0		µg/L	1	7/15/2016 9:39:00 PM	R35748
n-Butylbenzene	ND	3.0		µg/L	1	7/15/2016 9:39:00 PM	R35748
n-Propylbenzene	ND	1.0		µg/L	1	7/15/2016 9:39:00 PM	R35748
sec-Butylbenzene	ND	1.0		µg/L	1	7/15/2016 9:39:00 PM	R35748
Styrene	ND	1.0		µg/L	1	7/15/2016 9:39:00 PM	R35748
tert-Butylbenzene	ND	1.0		µg/L	1	7/15/2016 9:39:00 PM	R35748
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	7/15/2016 9:39:00 PM	R35748
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	7/15/2016 9:39:00 PM	R35748
Tetrachloroethene (PCE)	21	1.0		µg/L	1	7/15/2016 9:39:00 PM	R35748
trans-1,2-DCE	ND	1.0		µg/L	1	7/15/2016 9:39:00 PM	R35748
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	7/15/2016 9:39:00 PM	R35748
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	7/15/2016 9:39:00 PM	R35748
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	7/15/2016 9:39:00 PM	R35748
1,1,1-Trichloroethane	ND	1.0		µg/L	1	7/15/2016 9:39:00 PM	R35748
1,1,2-Trichloroethane	ND	1.0		µg/L	1	7/15/2016 9:39:00 PM	R35748
Trichloroethene (TCE)	14	1.0		µg/L	1	7/15/2016 9:39:00 PM	R35748
Trichlorofluoromethane	ND	1.0		µg/L	1	7/15/2016 9:39:00 PM	R35748
1,2,3-Trichloropropane	ND	2.0		µg/L	1	7/15/2016 9:39:00 PM	R35748
Vinyl chloride	ND	1.0		µg/L	1	7/15/2016 9:39:00 PM	R35748
Xylenes, Total	ND	1.5		µg/L	1	7/15/2016 9:39:00 PM	R35748
Surr: 1,2-Dichloroethane-d4	105	70-130		%Rec	1	7/15/2016 9:39:00 PM	R35748
Surr: 4-Bromofluorobenzene	107	70-130		%Rec	1	7/15/2016 9:39:00 PM	R35748
Surr: Dibromofluoromethane	99.1	70-130		%Rec	1	7/15/2016 9:39:00 PM	R35748
Surr: Toluene-d8	95.4	70-130		%Rec	1	7/15/2016 9:39:00 PM	R35748

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: MW-2
Project: Laun-Dry
Collection Date: 7/6/2016 2:17:00 PM
Lab ID: 1607363-026
Matrix: AQUEOUS
Received Date: 7/8/2016 10:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
Benzene	ND	1.0		µg/L	1	7/15/2016 10:02:00 PM	R35748
Toluene	ND	1.0		µg/L	1	7/15/2016 10:02:00 PM	R35748
Ethylbenzene	ND	1.0		µg/L	1	7/15/2016 10:02:00 PM	R35748
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	7/15/2016 10:02:00 PM	R35748
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	7/15/2016 10:02:00 PM	R35748
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	7/15/2016 10:02:00 PM	R35748
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	7/15/2016 10:02:00 PM	R35748
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	7/15/2016 10:02:00 PM	R35748
Naphthalene	ND	2.0		µg/L	1	7/15/2016 10:02:00 PM	R35748
1-Methylnaphthalene	ND	4.0		µg/L	1	7/15/2016 10:02:00 PM	R35748
2-Methylnaphthalene	ND	4.0		µg/L	1	7/15/2016 10:02:00 PM	R35748
Acetone	ND	10		µg/L	1	7/15/2016 10:02:00 PM	R35748
Bromobenzene	ND	1.0		µg/L	1	7/15/2016 10:02:00 PM	R35748
Bromodichloromethane	ND	1.0		µg/L	1	7/15/2016 10:02:00 PM	R35748
Bromoform	ND	1.0		µg/L	1	7/15/2016 10:02:00 PM	R35748
Bromomethane	ND	3.0		µg/L	1	7/15/2016 10:02:00 PM	R35748
2-Butanone	ND	10		µg/L	1	7/15/2016 10:02:00 PM	R35748
Carbon disulfide	ND	10		µg/L	1	7/15/2016 10:02:00 PM	R35748
Carbon Tetrachloride	ND	1.0		µg/L	1	7/15/2016 10:02:00 PM	R35748
Chlorobenzene	ND	1.0		µg/L	1	7/15/2016 10:02:00 PM	R35748
Chloroethane	ND	2.0		µg/L	1	7/15/2016 10:02:00 PM	R35748
Chloroform	ND	1.0		µg/L	1	7/15/2016 10:02:00 PM	R35748
Chloromethane	ND	3.0		µg/L	1	7/15/2016 10:02:00 PM	R35748
2-Chlorotoluene	ND	1.0		µg/L	1	7/15/2016 10:02:00 PM	R35748
4-Chlorotoluene	ND	1.0		µg/L	1	7/15/2016 10:02:00 PM	R35748
cis-1,2-DCE	3.2	1.0		µg/L	1	7/15/2016 10:02:00 PM	R35748
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	7/15/2016 10:02:00 PM	R35748
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	7/15/2016 10:02:00 PM	R35748
Dibromochloromethane	ND	1.0		µg/L	1	7/15/2016 10:02:00 PM	R35748
Dibromomethane	ND	1.0		µg/L	1	7/15/2016 10:02:00 PM	R35748
1,2-Dichlorobenzene	ND	1.0		µg/L	1	7/15/2016 10:02:00 PM	R35748
1,3-Dichlorobenzene	ND	1.0		µg/L	1	7/15/2016 10:02:00 PM	R35748
1,4-Dichlorobenzene	ND	1.0		µg/L	1	7/15/2016 10:02:00 PM	R35748
Dichlorodifluoromethane	ND	1.0		µg/L	1	7/15/2016 10:02:00 PM	R35748
1,1-Dichloroethane	ND	1.0		µg/L	1	7/15/2016 10:02:00 PM	R35748
1,1-Dichloroethene	ND	1.0		µg/L	1	7/15/2016 10:02:00 PM	R35748
1,2-Dichloropropane	ND	1.0		µg/L	1	7/15/2016 10:02:00 PM	R35748
1,3-Dichloropropane	ND	1.0		µg/L	1	7/15/2016 10:02:00 PM	R35748
2,2-Dichloropropane	ND	2.0		µg/L	1	7/15/2016 10:02:00 PM	R35748

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: MW-2
Project: Laun-Dry
Collection Date: 7/6/2016 2:17:00 PM
Lab ID: 1607363-026
Matrix: AQUEOUS
Received Date: 7/8/2016 10:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
1,1-Dichloropropene	ND	1.0		µg/L	1	7/15/2016 10:02:00 PM	R35748
Hexachlorobutadiene	ND	1.0		µg/L	1	7/15/2016 10:02:00 PM	R35748
2-Hexanone	ND	10		µg/L	1	7/15/2016 10:02:00 PM	R35748
Isopropylbenzene	ND	1.0		µg/L	1	7/15/2016 10:02:00 PM	R35748
4-Isopropyltoluene	ND	1.0		µg/L	1	7/15/2016 10:02:00 PM	R35748
4-Methyl-2-pentanone	ND	10		µg/L	1	7/15/2016 10:02:00 PM	R35748
Methylene Chloride	ND	3.0		µg/L	1	7/15/2016 10:02:00 PM	R35748
n-Butylbenzene	ND	3.0		µg/L	1	7/15/2016 10:02:00 PM	R35748
n-Propylbenzene	ND	1.0		µg/L	1	7/15/2016 10:02:00 PM	R35748
sec-Butylbenzene	ND	1.0		µg/L	1	7/15/2016 10:02:00 PM	R35748
Styrene	ND	1.0		µg/L	1	7/15/2016 10:02:00 PM	R35748
tert-Butylbenzene	ND	1.0		µg/L	1	7/15/2016 10:02:00 PM	R35748
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	7/15/2016 10:02:00 PM	R35748
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	7/15/2016 10:02:00 PM	R35748
Tetrachloroethene (PCE)	29	1.0		µg/L	1	7/15/2016 10:02:00 PM	R35748
trans-1,2-DCE	2.2	1.0		µg/L	1	7/15/2016 10:02:00 PM	R35748
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	7/15/2016 10:02:00 PM	R35748
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	7/15/2016 10:02:00 PM	R35748
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	7/15/2016 10:02:00 PM	R35748
1,1,1-Trichloroethane	ND	1.0		µg/L	1	7/15/2016 10:02:00 PM	R35748
1,1,2-Trichloroethane	ND	1.0		µg/L	1	7/15/2016 10:02:00 PM	R35748
Trichloroethene (TCE)	19	1.0		µg/L	1	7/15/2016 10:02:00 PM	R35748
Trichlorofluoromethane	ND	1.0		µg/L	1	7/15/2016 10:02:00 PM	R35748
1,2,3-Trichloropropane	ND	2.0		µg/L	1	7/15/2016 10:02:00 PM	R35748
Vinyl chloride	ND	1.0		µg/L	1	7/15/2016 10:02:00 PM	R35748
Xylenes, Total	ND	1.5		µg/L	1	7/15/2016 10:02:00 PM	R35748
Surr: 1,2-Dichloroethane-d4	107	70-130		%Rec	1	7/15/2016 10:02:00 PM	R35748
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	1	7/15/2016 10:02:00 PM	R35748
Surr: Dibromofluoromethane	99.0	70-130		%Rec	1	7/15/2016 10:02:00 PM	R35748
Surr: Toluene-d8	96.8	70-130		%Rec	1	7/15/2016 10:02:00 PM	R35748

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: MW-15S
Project: Laun-Dry
Collection Date: 7/6/2016 3:00:00 PM
Lab ID: 1607363-027
Matrix: AQUEOUS
Received Date: 7/8/2016 10:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
Benzene	ND	1.0		µg/L	1	7/16/2016 12:23:00 AM	R35748
Toluene	ND	1.0		µg/L	1	7/16/2016 12:23:00 AM	R35748
Ethylbenzene	ND	1.0		µg/L	1	7/16/2016 12:23:00 AM	R35748
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	7/16/2016 12:23:00 AM	R35748
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	7/16/2016 12:23:00 AM	R35748
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	7/16/2016 12:23:00 AM	R35748
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	7/16/2016 12:23:00 AM	R35748
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	7/16/2016 12:23:00 AM	R35748
Naphthalene	ND	2.0		µg/L	1	7/16/2016 12:23:00 AM	R35748
1-Methylnaphthalene	ND	4.0		µg/L	1	7/16/2016 12:23:00 AM	R35748
2-Methylnaphthalene	ND	4.0		µg/L	1	7/16/2016 12:23:00 AM	R35748
Acetone	ND	10		µg/L	1	7/16/2016 12:23:00 AM	R35748
Bromobenzene	ND	1.0		µg/L	1	7/16/2016 12:23:00 AM	R35748
Bromodichloromethane	ND	1.0		µg/L	1	7/16/2016 12:23:00 AM	R35748
Bromoform	ND	1.0		µg/L	1	7/16/2016 12:23:00 AM	R35748
Bromomethane	ND	3.0		µg/L	1	7/16/2016 12:23:00 AM	R35748
2-Butanone	ND	10		µg/L	1	7/16/2016 12:23:00 AM	R35748
Carbon disulfide	ND	10		µg/L	1	7/16/2016 12:23:00 AM	R35748
Carbon Tetrachloride	ND	1.0		µg/L	1	7/16/2016 12:23:00 AM	R35748
Chlorobenzene	ND	1.0		µg/L	1	7/16/2016 12:23:00 AM	R35748
Chloroethane	ND	2.0		µg/L	1	7/16/2016 12:23:00 AM	R35748
Chloroform	ND	1.0		µg/L	1	7/16/2016 12:23:00 AM	R35748
Chloromethane	ND	3.0		µg/L	1	7/16/2016 12:23:00 AM	R35748
2-Chlorotoluene	ND	1.0		µg/L	1	7/16/2016 12:23:00 AM	R35748
4-Chlorotoluene	ND	1.0		µg/L	1	7/16/2016 12:23:00 AM	R35748
cis-1,2-DCE	97	10		µg/L	10	7/15/2016 11:59:00 PM	R35748
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	7/16/2016 12:23:00 AM	R35748
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	7/16/2016 12:23:00 AM	R35748
Dibromochloromethane	ND	1.0		µg/L	1	7/16/2016 12:23:00 AM	R35748
Dibromomethane	ND	1.0		µg/L	1	7/16/2016 12:23:00 AM	R35748
1,2-Dichlorobenzene	ND	1.0		µg/L	1	7/16/2016 12:23:00 AM	R35748
1,3-Dichlorobenzene	ND	1.0		µg/L	1	7/16/2016 12:23:00 AM	R35748
1,4-Dichlorobenzene	ND	1.0		µg/L	1	7/16/2016 12:23:00 AM	R35748
Dichlorodifluoromethane	ND	1.0		µg/L	1	7/16/2016 12:23:00 AM	R35748
1,1-Dichloroethane	ND	1.0		µg/L	1	7/16/2016 12:23:00 AM	R35748
1,1-Dichloroethene	ND	1.0		µg/L	1	7/16/2016 12:23:00 AM	R35748
1,2-Dichloropropane	ND	1.0		µg/L	1	7/16/2016 12:23:00 AM	R35748
1,3-Dichloropropane	ND	1.0		µg/L	1	7/16/2016 12:23:00 AM	R35748
2,2-Dichloropropane	ND	2.0		µg/L	1	7/16/2016 12:23:00 AM	R35748

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Laun-Dry
Lab ID: 1607363-027 **Matrix:** AQUEOUS

Client Sample ID: MW-15S
Collection Date: 7/6/2016 3:00:00 PM
Received Date: 7/8/2016 10:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
1,1-Dichloropropene	ND	1.0		µg/L	1	7/16/2016 12:23:00 AM	R35748
Hexachlorobutadiene	ND	1.0		µg/L	1	7/16/2016 12:23:00 AM	R35748
2-Hexanone	ND	10		µg/L	1	7/16/2016 12:23:00 AM	R35748
Isopropylbenzene	ND	1.0		µg/L	1	7/16/2016 12:23:00 AM	R35748
4-Isopropyltoluene	ND	1.0		µg/L	1	7/16/2016 12:23:00 AM	R35748
4-Methyl-2-pentanone	ND	10		µg/L	1	7/16/2016 12:23:00 AM	R35748
Methylene Chloride	ND	3.0		µg/L	1	7/16/2016 12:23:00 AM	R35748
n-Butylbenzene	ND	3.0		µg/L	1	7/16/2016 12:23:00 AM	R35748
n-Propylbenzene	ND	1.0		µg/L	1	7/16/2016 12:23:00 AM	R35748
sec-Butylbenzene	ND	1.0		µg/L	1	7/16/2016 12:23:00 AM	R35748
Styrene	ND	1.0		µg/L	1	7/16/2016 12:23:00 AM	R35748
tert-Butylbenzene	ND	1.0		µg/L	1	7/16/2016 12:23:00 AM	R35748
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	7/16/2016 12:23:00 AM	R35748
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	7/16/2016 12:23:00 AM	R35748
Tetrachloroethene (PCE)	11	1.0		µg/L	1	7/16/2016 12:23:00 AM	R35748
trans-1,2-DCE	100	1.0		µg/L	1	7/16/2016 12:23:00 AM	R35748
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	7/16/2016 12:23:00 AM	R35748
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	7/16/2016 12:23:00 AM	R35748
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	7/16/2016 12:23:00 AM	R35748
1,1,1-Trichloroethane	ND	1.0		µg/L	1	7/16/2016 12:23:00 AM	R35748
1,1,2-Trichloroethane	ND	1.0		µg/L	1	7/16/2016 12:23:00 AM	R35748
Trichloroethene (TCE)	98	1.0		µg/L	1	7/16/2016 12:23:00 AM	R35748
Trichlorofluoromethane	ND	1.0		µg/L	1	7/16/2016 12:23:00 AM	R35748
1,2,3-Trichloropropane	ND	2.0		µg/L	1	7/16/2016 12:23:00 AM	R35748
Vinyl chloride	ND	1.0		µg/L	1	7/16/2016 12:23:00 AM	R35748
Xylenes, Total	ND	1.5		µg/L	1	7/16/2016 12:23:00 AM	R35748
Surr: 1,2-Dichloroethane-d4	101	70-130		%Rec	1	7/16/2016 12:23:00 AM	R35748
Surr: 4-Bromofluorobenzene	99.5	70-130		%Rec	1	7/16/2016 12:23:00 AM	R35748
Surr: Dibromofluoromethane	98.2	70-130		%Rec	1	7/16/2016 12:23:00 AM	R35748
Surr: Toluene-d8	96.2	70-130		%Rec	1	7/16/2016 12:23:00 AM	R35748

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: MW-4
Project: Laun-Dry
Collection Date: 7/6/2016 3:25:00 PM
Lab ID: 1607363-028
Matrix: AQUEOUS
Received Date: 7/8/2016 10:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
Benzene	ND	1.0		µg/L	1	7/16/2016 1:09:00 AM	R35748
Toluene	ND	1.0		µg/L	1	7/16/2016 1:09:00 AM	R35748
Ethylbenzene	ND	1.0		µg/L	1	7/16/2016 1:09:00 AM	R35748
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	7/16/2016 1:09:00 AM	R35748
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	7/16/2016 1:09:00 AM	R35748
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	7/16/2016 1:09:00 AM	R35748
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	7/16/2016 1:09:00 AM	R35748
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	7/16/2016 1:09:00 AM	R35748
Naphthalene	ND	2.0		µg/L	1	7/16/2016 1:09:00 AM	R35748
1-Methylnaphthalene	ND	4.0		µg/L	1	7/16/2016 1:09:00 AM	R35748
2-Methylnaphthalene	ND	4.0		µg/L	1	7/16/2016 1:09:00 AM	R35748
Acetone	ND	10		µg/L	1	7/16/2016 1:09:00 AM	R35748
Bromobenzene	ND	1.0		µg/L	1	7/16/2016 1:09:00 AM	R35748
Bromodichloromethane	ND	1.0		µg/L	1	7/16/2016 1:09:00 AM	R35748
Bromoform	ND	1.0		µg/L	1	7/16/2016 1:09:00 AM	R35748
Bromomethane	ND	3.0		µg/L	1	7/16/2016 1:09:00 AM	R35748
2-Butanone	ND	10		µg/L	1	7/16/2016 1:09:00 AM	R35748
Carbon disulfide	ND	10		µg/L	1	7/16/2016 1:09:00 AM	R35748
Carbon Tetrachloride	ND	1.0		µg/L	1	7/16/2016 1:09:00 AM	R35748
Chlorobenzene	ND	1.0		µg/L	1	7/16/2016 1:09:00 AM	R35748
Chloroethane	ND	2.0		µg/L	1	7/16/2016 1:09:00 AM	R35748
Chloroform	ND	1.0		µg/L	1	7/16/2016 1:09:00 AM	R35748
Chloromethane	ND	3.0		µg/L	1	7/16/2016 1:09:00 AM	R35748
2-Chlorotoluene	ND	1.0		µg/L	1	7/16/2016 1:09:00 AM	R35748
4-Chlorotoluene	ND	1.0		µg/L	1	7/16/2016 1:09:00 AM	R35748
cis-1,2-DCE	15	1.0		µg/L	1	7/16/2016 1:09:00 AM	R35748
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	7/16/2016 1:09:00 AM	R35748
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	7/16/2016 1:09:00 AM	R35748
Dibromochloromethane	ND	1.0		µg/L	1	7/16/2016 1:09:00 AM	R35748
Dibromomethane	ND	1.0		µg/L	1	7/16/2016 1:09:00 AM	R35748
1,2-Dichlorobenzene	ND	1.0		µg/L	1	7/16/2016 1:09:00 AM	R35748
1,3-Dichlorobenzene	ND	1.0		µg/L	1	7/16/2016 1:09:00 AM	R35748
1,4-Dichlorobenzene	ND	1.0		µg/L	1	7/16/2016 1:09:00 AM	R35748
Dichlorodifluoromethane	ND	1.0		µg/L	1	7/16/2016 1:09:00 AM	R35748
1,1-Dichloroethane	ND	1.0		µg/L	1	7/16/2016 1:09:00 AM	R35748
1,1-Dichloroethene	ND	1.0		µg/L	1	7/16/2016 1:09:00 AM	R35748
1,2-Dichloropropane	ND	1.0		µg/L	1	7/16/2016 1:09:00 AM	R35748
1,3-Dichloropropane	ND	1.0		µg/L	1	7/16/2016 1:09:00 AM	R35748
2,2-Dichloropropane	ND	2.0		µg/L	1	7/16/2016 1:09:00 AM	R35748

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Laun-Dry
Lab ID: 1607363-028 **Matrix:** AQUEOUS

Client Sample ID: MW-4
Collection Date: 7/6/2016 3:25:00 PM
Received Date: 7/8/2016 10:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
1,1-Dichloropropene	ND	1.0		µg/L	1	7/16/2016 1:09:00 AM	R35748
Hexachlorobutadiene	ND	1.0		µg/L	1	7/16/2016 1:09:00 AM	R35748
2-Hexanone	ND	10		µg/L	1	7/16/2016 1:09:00 AM	R35748
Isopropylbenzene	ND	1.0		µg/L	1	7/16/2016 1:09:00 AM	R35748
4-Isopropyltoluene	ND	1.0		µg/L	1	7/16/2016 1:09:00 AM	R35748
4-Methyl-2-pentanone	ND	10		µg/L	1	7/16/2016 1:09:00 AM	R35748
Methylene Chloride	ND	3.0		µg/L	1	7/16/2016 1:09:00 AM	R35748
n-Butylbenzene	ND	3.0		µg/L	1	7/16/2016 1:09:00 AM	R35748
n-Propylbenzene	ND	1.0		µg/L	1	7/16/2016 1:09:00 AM	R35748
sec-Butylbenzene	ND	1.0		µg/L	1	7/16/2016 1:09:00 AM	R35748
Styrene	ND	1.0		µg/L	1	7/16/2016 1:09:00 AM	R35748
tert-Butylbenzene	ND	1.0		µg/L	1	7/16/2016 1:09:00 AM	R35748
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	7/16/2016 1:09:00 AM	R35748
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	7/16/2016 1:09:00 AM	R35748
Tetrachloroethene (PCE)	120	10		µg/L	10	7/16/2016 12:46:00 AM	R35748
trans-1,2-DCE	3.4	1.0		µg/L	1	7/16/2016 1:09:00 AM	R35748
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	7/16/2016 1:09:00 AM	R35748
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	7/16/2016 1:09:00 AM	R35748
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	7/16/2016 1:09:00 AM	R35748
1,1,1-Trichloroethane	ND	1.0		µg/L	1	7/16/2016 1:09:00 AM	R35748
1,1,2-Trichloroethane	ND	1.0		µg/L	1	7/16/2016 1:09:00 AM	R35748
Trichloroethene (TCE)	170	10		µg/L	10	7/16/2016 12:46:00 AM	R35748
Trichlorofluoromethane	ND	1.0		µg/L	1	7/16/2016 1:09:00 AM	R35748
1,2,3-Trichloropropane	ND	2.0		µg/L	1	7/16/2016 1:09:00 AM	R35748
Vinyl chloride	ND	1.0		µg/L	1	7/16/2016 1:09:00 AM	R35748
Xylenes, Total	ND	1.5		µg/L	1	7/16/2016 1:09:00 AM	R35748
Surr: 1,2-Dichloroethane-d4	105	70-130		%Rec	1	7/16/2016 1:09:00 AM	R35748
Surr: 4-Bromofluorobenzene	102	70-130		%Rec	1	7/16/2016 1:09:00 AM	R35748
Surr: Dibromofluoromethane	99.2	70-130		%Rec	1	7/16/2016 1:09:00 AM	R35748
Surr: Toluene-d8	96.8	70-130		%Rec	1	7/16/2016 1:09:00 AM	R35748

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Laun-Dry
Lab ID: 1607363-029 **Matrix:** AQUEOUS

Client Sample ID: MW-4H-06
Collection Date: 7/8/2016 7:40:00 AM
Received Date: 7/8/2016 10:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
Benzene	ND	1.0		µg/L	1	7/16/2016 1:56:00 AM	R35748
Toluene	ND	1.0		µg/L	1	7/16/2016 1:56:00 AM	R35748
Ethylbenzene	ND	1.0		µg/L	1	7/16/2016 1:56:00 AM	R35748
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	7/16/2016 1:56:00 AM	R35748
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	7/16/2016 1:56:00 AM	R35748
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	7/16/2016 1:56:00 AM	R35748
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	7/16/2016 1:56:00 AM	R35748
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	7/16/2016 1:56:00 AM	R35748
Naphthalene	ND	2.0		µg/L	1	7/16/2016 1:56:00 AM	R35748
1-Methylnaphthalene	ND	4.0		µg/L	1	7/16/2016 1:56:00 AM	R35748
2-Methylnaphthalene	ND	4.0		µg/L	1	7/16/2016 1:56:00 AM	R35748
Acetone	ND	10		µg/L	1	7/16/2016 1:56:00 AM	R35748
Bromobenzene	ND	1.0		µg/L	1	7/16/2016 1:56:00 AM	R35748
Bromodichloromethane	ND	1.0		µg/L	1	7/16/2016 1:56:00 AM	R35748
Bromoform	ND	1.0		µg/L	1	7/16/2016 1:56:00 AM	R35748
Bromomethane	ND	3.0		µg/L	1	7/16/2016 1:56:00 AM	R35748
2-Butanone	ND	10		µg/L	1	7/16/2016 1:56:00 AM	R35748
Carbon disulfide	ND	10		µg/L	1	7/16/2016 1:56:00 AM	R35748
Carbon Tetrachloride	ND	1.0		µg/L	1	7/16/2016 1:56:00 AM	R35748
Chlorobenzene	ND	1.0		µg/L	1	7/16/2016 1:56:00 AM	R35748
Chloroethane	ND	2.0		µg/L	1	7/16/2016 1:56:00 AM	R35748
Chloroform	ND	1.0		µg/L	1	7/16/2016 1:56:00 AM	R35748
Chloromethane	ND	3.0		µg/L	1	7/16/2016 1:56:00 AM	R35748
2-Chlorotoluene	ND	1.0		µg/L	1	7/16/2016 1:56:00 AM	R35748
4-Chlorotoluene	ND	1.0		µg/L	1	7/16/2016 1:56:00 AM	R35748
cis-1,2-DCE	100	10		µg/L	10	7/16/2016 1:32:00 AM	R35748
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	7/16/2016 1:56:00 AM	R35748
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	7/16/2016 1:56:00 AM	R35748
Dibromochloromethane	ND	1.0		µg/L	1	7/16/2016 1:56:00 AM	R35748
Dibromomethane	ND	1.0		µg/L	1	7/16/2016 1:56:00 AM	R35748
1,2-Dichlorobenzene	ND	1.0		µg/L	1	7/16/2016 1:56:00 AM	R35748
1,3-Dichlorobenzene	ND	1.0		µg/L	1	7/16/2016 1:56:00 AM	R35748
1,4-Dichlorobenzene	ND	1.0		µg/L	1	7/16/2016 1:56:00 AM	R35748
Dichlorodifluoromethane	ND	1.0		µg/L	1	7/16/2016 1:56:00 AM	R35748
1,1-Dichloroethane	ND	1.0		µg/L	1	7/16/2016 1:56:00 AM	R35748
1,1-Dichloroethene	ND	1.0		µg/L	1	7/16/2016 1:56:00 AM	R35748
1,2-Dichloropropane	ND	1.0		µg/L	1	7/16/2016 1:56:00 AM	R35748
1,3-Dichloropropane	ND	1.0		µg/L	1	7/16/2016 1:56:00 AM	R35748
2,2-Dichloropropane	ND	2.0		µg/L	1	7/16/2016 1:56:00 AM	R35748

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Laun-Dry
Lab ID: 1607363-029 **Matrix:** AQUEOUS

Client Sample ID: MW-4H-06
Collection Date: 7/8/2016 7:40:00 AM
Received Date: 7/8/2016 10:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
1,1-Dichloropropene	ND	1.0		µg/L	1	7/16/2016 1:56:00 AM	R35748
Hexachlorobutadiene	ND	1.0		µg/L	1	7/16/2016 1:56:00 AM	R35748
2-Hexanone	ND	10		µg/L	1	7/16/2016 1:56:00 AM	R35748
Isopropylbenzene	ND	1.0		µg/L	1	7/16/2016 1:56:00 AM	R35748
4-Isopropyltoluene	ND	1.0		µg/L	1	7/16/2016 1:56:00 AM	R35748
4-Methyl-2-pentanone	ND	10		µg/L	1	7/16/2016 1:56:00 AM	R35748
Methylene Chloride	ND	3.0		µg/L	1	7/16/2016 1:56:00 AM	R35748
n-Butylbenzene	ND	3.0		µg/L	1	7/16/2016 1:56:00 AM	R35748
n-Propylbenzene	ND	1.0		µg/L	1	7/16/2016 1:56:00 AM	R35748
sec-Butylbenzene	ND	1.0		µg/L	1	7/16/2016 1:56:00 AM	R35748
Styrene	ND	1.0		µg/L	1	7/16/2016 1:56:00 AM	R35748
tert-Butylbenzene	ND	1.0		µg/L	1	7/16/2016 1:56:00 AM	R35748
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	7/16/2016 1:56:00 AM	R35748
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	7/16/2016 1:56:00 AM	R35748
Tetrachloroethene (PCE)	1.4	1.0		µg/L	1	7/16/2016 1:56:00 AM	R35748
trans-1,2-DCE	93	1.0		µg/L	1	7/16/2016 1:56:00 AM	R35748
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	7/16/2016 1:56:00 AM	R35748
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	7/16/2016 1:56:00 AM	R35748
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	7/16/2016 1:56:00 AM	R35748
1,1,1-Trichloroethane	ND	1.0		µg/L	1	7/16/2016 1:56:00 AM	R35748
1,1,2-Trichloroethane	ND	1.0		µg/L	1	7/16/2016 1:56:00 AM	R35748
Trichloroethene (TCE)	410	10		µg/L	10	7/16/2016 1:32:00 AM	R35748
Trichlorofluoromethane	ND	1.0		µg/L	1	7/16/2016 1:56:00 AM	R35748
1,2,3-Trichloropropane	ND	2.0		µg/L	1	7/16/2016 1:56:00 AM	R35748
Vinyl chloride	ND	1.0		µg/L	1	7/16/2016 1:56:00 AM	R35748
Xylenes, Total	ND	1.5		µg/L	1	7/16/2016 1:56:00 AM	R35748
Surr: 1,2-Dichloroethane-d4	108	70-130		%Rec	1	7/16/2016 1:56:00 AM	R35748
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	1	7/16/2016 1:56:00 AM	R35748
Surr: Dibromofluoromethane	100	70-130		%Rec	1	7/16/2016 1:56:00 AM	R35748
Surr: Toluene-d8	97.6	70-130		%Rec	1	7/16/2016 1:56:00 AM	R35748

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Laun-Dry
Lab ID: 1607363-030 **Matrix:** AQUEOUS

Client Sample ID: MW-6E
Collection Date: 7/8/2016 8:05:00 AM
Received Date: 7/8/2016 10:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
Benzene	ND	1.0		µg/L	1	7/16/2016 2:43:00 AM	R35748
Toluene	ND	1.0		µg/L	1	7/16/2016 2:43:00 AM	R35748
Ethylbenzene	ND	1.0		µg/L	1	7/16/2016 2:43:00 AM	R35748
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	7/16/2016 2:43:00 AM	R35748
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	7/16/2016 2:43:00 AM	R35748
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	7/16/2016 2:43:00 AM	R35748
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	7/16/2016 2:43:00 AM	R35748
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	7/16/2016 2:43:00 AM	R35748
Naphthalene	ND	2.0		µg/L	1	7/16/2016 2:43:00 AM	R35748
1-Methylnaphthalene	ND	4.0		µg/L	1	7/16/2016 2:43:00 AM	R35748
2-Methylnaphthalene	ND	4.0		µg/L	1	7/16/2016 2:43:00 AM	R35748
Acetone	ND	10		µg/L	1	7/16/2016 2:43:00 AM	R35748
Bromobenzene	ND	1.0		µg/L	1	7/16/2016 2:43:00 AM	R35748
Bromodichloromethane	ND	1.0		µg/L	1	7/16/2016 2:43:00 AM	R35748
Bromoform	ND	1.0		µg/L	1	7/16/2016 2:43:00 AM	R35748
Bromomethane	ND	3.0		µg/L	1	7/16/2016 2:43:00 AM	R35748
2-Butanone	ND	10		µg/L	1	7/16/2016 2:43:00 AM	R35748
Carbon disulfide	ND	10		µg/L	1	7/16/2016 2:43:00 AM	R35748
Carbon Tetrachloride	ND	1.0		µg/L	1	7/16/2016 2:43:00 AM	R35748
Chlorobenzene	ND	1.0		µg/L	1	7/16/2016 2:43:00 AM	R35748
Chloroethane	ND	2.0		µg/L	1	7/16/2016 2:43:00 AM	R35748
Chloroform	ND	1.0		µg/L	1	7/16/2016 2:43:00 AM	R35748
Chloromethane	ND	3.0		µg/L	1	7/16/2016 2:43:00 AM	R35748
2-Chlorotoluene	ND	1.0		µg/L	1	7/16/2016 2:43:00 AM	R35748
4-Chlorotoluene	ND	1.0		µg/L	1	7/16/2016 2:43:00 AM	R35748
cis-1,2-DCE	69	1.0		µg/L	1	7/16/2016 2:43:00 AM	R35748
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	7/16/2016 2:43:00 AM	R35748
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	7/16/2016 2:43:00 AM	R35748
Dibromochloromethane	ND	1.0		µg/L	1	7/16/2016 2:43:00 AM	R35748
Dibromomethane	ND	1.0		µg/L	1	7/16/2016 2:43:00 AM	R35748
1,2-Dichlorobenzene	ND	1.0		µg/L	1	7/16/2016 2:43:00 AM	R35748
1,3-Dichlorobenzene	ND	1.0		µg/L	1	7/16/2016 2:43:00 AM	R35748
1,4-Dichlorobenzene	ND	1.0		µg/L	1	7/16/2016 2:43:00 AM	R35748
Dichlorodifluoromethane	ND	1.0		µg/L	1	7/16/2016 2:43:00 AM	R35748
1,1-Dichloroethane	ND	1.0		µg/L	1	7/16/2016 2:43:00 AM	R35748
1,1-Dichloroethene	ND	1.0		µg/L	1	7/16/2016 2:43:00 AM	R35748
1,2-Dichloropropane	ND	1.0		µg/L	1	7/16/2016 2:43:00 AM	R35748
1,3-Dichloropropane	ND	1.0		µg/L	1	7/16/2016 2:43:00 AM	R35748
2,2-Dichloropropane	ND	2.0		µg/L	1	7/16/2016 2:43:00 AM	R35748

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Laun-Dry
Lab ID: 1607363-030 **Matrix:** AQUEOUS

Client Sample ID: MW-6E
Collection Date: 7/8/2016 8:05:00 AM
Received Date: 7/8/2016 10:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
1,1-Dichloropropene	ND	1.0		µg/L	1	7/16/2016 2:43:00 AM	R35748
Hexachlorobutadiene	ND	1.0		µg/L	1	7/16/2016 2:43:00 AM	R35748
2-Hexanone	ND	10		µg/L	1	7/16/2016 2:43:00 AM	R35748
Isopropylbenzene	ND	1.0		µg/L	1	7/16/2016 2:43:00 AM	R35748
4-Isopropyltoluene	ND	1.0		µg/L	1	7/16/2016 2:43:00 AM	R35748
4-Methyl-2-pentanone	ND	10		µg/L	1	7/16/2016 2:43:00 AM	R35748
Methylene Chloride	ND	3.0		µg/L	1	7/16/2016 2:43:00 AM	R35748
n-Butylbenzene	ND	3.0		µg/L	1	7/16/2016 2:43:00 AM	R35748
n-Propylbenzene	ND	1.0		µg/L	1	7/16/2016 2:43:00 AM	R35748
sec-Butylbenzene	ND	1.0		µg/L	1	7/16/2016 2:43:00 AM	R35748
Styrene	ND	1.0		µg/L	1	7/16/2016 2:43:00 AM	R35748
tert-Butylbenzene	ND	1.0		µg/L	1	7/16/2016 2:43:00 AM	R35748
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	7/16/2016 2:43:00 AM	R35748
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	7/16/2016 2:43:00 AM	R35748
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	7/16/2016 2:43:00 AM	R35748
trans-1,2-DCE	78	1.0		µg/L	1	7/16/2016 2:43:00 AM	R35748
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	7/16/2016 2:43:00 AM	R35748
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	7/16/2016 2:43:00 AM	R35748
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	7/16/2016 2:43:00 AM	R35748
1,1,1-Trichloroethane	ND	1.0		µg/L	1	7/16/2016 2:43:00 AM	R35748
1,1,2-Trichloroethane	ND	1.0		µg/L	1	7/16/2016 2:43:00 AM	R35748
Trichloroethene (TCE)	120	10		µg/L	10	7/16/2016 2:19:00 AM	R35748
Trichlorofluoromethane	ND	1.0		µg/L	1	7/16/2016 2:43:00 AM	R35748
1,2,3-Trichloropropane	ND	2.0		µg/L	1	7/16/2016 2:43:00 AM	R35748
Vinyl chloride	ND	1.0		µg/L	1	7/16/2016 2:43:00 AM	R35748
Xylenes, Total	ND	1.5		µg/L	1	7/16/2016 2:43:00 AM	R35748
Surr: 1,2-Dichloroethane-d4	107	70-130		%Rec	1	7/16/2016 2:43:00 AM	R35748
Surr: 4-Bromofluorobenzene	99.1	70-130		%Rec	1	7/16/2016 2:43:00 AM	R35748
Surr: Dibromofluoromethane	101	70-130		%Rec	1	7/16/2016 2:43:00 AM	R35748
Surr: Toluene-d8	95.8	70-130		%Rec	1	7/16/2016 2:43:00 AM	R35748

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Laun-Dry
Lab ID: 1607363-031 **Matrix:** AQUEOUS

Client Sample ID: MW-4H-04
Collection Date: 7/8/2016 8:36:00 AM
Received Date: 7/8/2016 10:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
Benzene	ND	5.0		µg/L	5	7/16/2016 3:30:00 AM	R35748
Toluene	ND	5.0		µg/L	5	7/16/2016 3:30:00 AM	R35748
Ethylbenzene	ND	5.0		µg/L	5	7/16/2016 3:30:00 AM	R35748
Methyl tert-butyl ether (MTBE)	ND	5.0		µg/L	5	7/16/2016 3:30:00 AM	R35748
1,2,4-Trimethylbenzene	ND	5.0		µg/L	5	7/16/2016 3:30:00 AM	R35748
1,3,5-Trimethylbenzene	ND	5.0		µg/L	5	7/16/2016 3:30:00 AM	R35748
1,2-Dichloroethane (EDC)	ND	5.0		µg/L	5	7/16/2016 3:30:00 AM	R35748
1,2-Dibromoethane (EDB)	ND	5.0		µg/L	5	7/16/2016 3:30:00 AM	R35748
Naphthalene	ND	10		µg/L	5	7/16/2016 3:30:00 AM	R35748
1-Methylnaphthalene	ND	20		µg/L	5	7/16/2016 3:30:00 AM	R35748
2-Methylnaphthalene	ND	20		µg/L	5	7/16/2016 3:30:00 AM	R35748
Acetone	ND	50		µg/L	5	7/16/2016 3:30:00 AM	R35748
Bromobenzene	ND	5.0		µg/L	5	7/16/2016 3:30:00 AM	R35748
Bromodichloromethane	ND	5.0		µg/L	5	7/16/2016 3:30:00 AM	R35748
Bromoform	ND	5.0		µg/L	5	7/16/2016 3:30:00 AM	R35748
Bromomethane	ND	15		µg/L	5	7/16/2016 3:30:00 AM	R35748
2-Butanone	ND	50		µg/L	5	7/16/2016 3:30:00 AM	R35748
Carbon disulfide	ND	50		µg/L	5	7/16/2016 3:30:00 AM	R35748
Carbon Tetrachloride	ND	5.0		µg/L	5	7/16/2016 3:30:00 AM	R35748
Chlorobenzene	ND	5.0		µg/L	5	7/16/2016 3:30:00 AM	R35748
Chloroethane	ND	10		µg/L	5	7/16/2016 3:30:00 AM	R35748
Chloroform	ND	5.0		µg/L	5	7/16/2016 3:30:00 AM	R35748
Chloromethane	ND	15		µg/L	5	7/16/2016 3:30:00 AM	R35748
2-Chlorotoluene	ND	5.0		µg/L	5	7/16/2016 3:30:00 AM	R35748
4-Chlorotoluene	ND	5.0		µg/L	5	7/16/2016 3:30:00 AM	R35748
cis-1,2-DCE	140	5.0		µg/L	5	7/16/2016 3:30:00 AM	R35748
cis-1,3-Dichloropropene	ND	5.0		µg/L	5	7/16/2016 3:30:00 AM	R35748
1,2-Dibromo-3-chloropropane	ND	10		µg/L	5	7/16/2016 3:30:00 AM	R35748
Dibromochloromethane	ND	5.0		µg/L	5	7/16/2016 3:30:00 AM	R35748
Dibromomethane	ND	5.0		µg/L	5	7/16/2016 3:30:00 AM	R35748
1,2-Dichlorobenzene	ND	5.0		µg/L	5	7/16/2016 3:30:00 AM	R35748
1,3-Dichlorobenzene	ND	5.0		µg/L	5	7/16/2016 3:30:00 AM	R35748
1,4-Dichlorobenzene	ND	5.0		µg/L	5	7/16/2016 3:30:00 AM	R35748
Dichlorodifluoromethane	ND	5.0		µg/L	5	7/16/2016 3:30:00 AM	R35748
1,1-Dichloroethane	ND	5.0		µg/L	5	7/16/2016 3:30:00 AM	R35748
1,1-Dichloroethene	ND	5.0		µg/L	5	7/16/2016 3:30:00 AM	R35748
1,2-Dichloropropane	ND	5.0		µg/L	5	7/16/2016 3:30:00 AM	R35748
1,3-Dichloropropane	ND	5.0		µg/L	5	7/16/2016 3:30:00 AM	R35748
2,2-Dichloropropane	ND	10		µg/L	5	7/16/2016 3:30:00 AM	R35748

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Laun-Dry
Lab ID: 1607363-031 **Matrix:** AQUEOUS

Client Sample ID: MW-4H-04
Collection Date: 7/8/2016 8:36:00 AM
Received Date: 7/8/2016 10:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
1,1-Dichloropropene	ND	5.0		µg/L	5	7/16/2016 3:30:00 AM	R35748
Hexachlorobutadiene	ND	5.0		µg/L	5	7/16/2016 3:30:00 AM	R35748
2-Hexanone	ND	50		µg/L	5	7/16/2016 3:30:00 AM	R35748
Isopropylbenzene	ND	5.0		µg/L	5	7/16/2016 3:30:00 AM	R35748
4-Isopropyltoluene	ND	5.0		µg/L	5	7/16/2016 3:30:00 AM	R35748
4-Methyl-2-pentanone	ND	50		µg/L	5	7/16/2016 3:30:00 AM	R35748
Methylene Chloride	ND	15		µg/L	5	7/16/2016 3:30:00 AM	R35748
n-Butylbenzene	ND	15		µg/L	5	7/16/2016 3:30:00 AM	R35748
n-Propylbenzene	ND	5.0		µg/L	5	7/16/2016 3:30:00 AM	R35748
sec-Butylbenzene	ND	5.0		µg/L	5	7/16/2016 3:30:00 AM	R35748
Styrene	ND	5.0		µg/L	5	7/16/2016 3:30:00 AM	R35748
tert-Butylbenzene	ND	5.0		µg/L	5	7/16/2016 3:30:00 AM	R35748
1,1,1,2-Tetrachloroethane	ND	5.0		µg/L	5	7/16/2016 3:30:00 AM	R35748
1,1,2,2-Tetrachloroethane	ND	10		µg/L	5	7/16/2016 3:30:00 AM	R35748
Tetrachloroethene (PCE)	ND	5.0		µg/L	5	7/16/2016 3:30:00 AM	R35748
trans-1,2-DCE	86	5.0		µg/L	5	7/16/2016 3:30:00 AM	R35748
trans-1,3-Dichloropropene	ND	5.0		µg/L	5	7/16/2016 3:30:00 AM	R35748
1,2,3-Trichlorobenzene	ND	5.0		µg/L	5	7/16/2016 3:30:00 AM	R35748
1,2,4-Trichlorobenzene	ND	5.0		µg/L	5	7/16/2016 3:30:00 AM	R35748
1,1,1-Trichloroethane	ND	5.0		µg/L	5	7/16/2016 3:30:00 AM	R35748
1,1,2-Trichloroethane	ND	5.0		µg/L	5	7/16/2016 3:30:00 AM	R35748
Trichloroethene (TCE)	490	50		µg/L	50	7/16/2016 3:06:00 AM	R35748
Trichlorofluoromethane	ND	5.0		µg/L	5	7/16/2016 3:30:00 AM	R35748
1,2,3-Trichloropropane	ND	10		µg/L	5	7/16/2016 3:30:00 AM	R35748
Vinyl chloride	ND	5.0		µg/L	5	7/16/2016 3:30:00 AM	R35748
Xylenes, Total	ND	7.5		µg/L	5	7/16/2016 3:30:00 AM	R35748
Surr: 1,2-Dichloroethane-d4	106	70-130		%Rec	5	7/16/2016 3:30:00 AM	R35748
Surr: 4-Bromofluorobenzene	106	70-130		%Rec	5	7/16/2016 3:30:00 AM	R35748
Surr: Dibromofluoromethane	103	70-130		%Rec	5	7/16/2016 3:30:00 AM	R35748
Surr: Toluene-d8	96.9	70-130		%Rec	5	7/16/2016 3:30:00 AM	R35748

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Laun-Dry
Lab ID: 1607363-032 **Matrix:** AQUEOUS

Client Sample ID: Ray Mar E
Collection Date: 7/8/2016 8:57:00 AM
Received Date: 7/8/2016 10:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
Benzene	ND	5.0		µg/L	5	7/16/2016 4:17:00 AM	R35748
Toluene	ND	5.0		µg/L	5	7/16/2016 4:17:00 AM	R35748
Ethylbenzene	ND	5.0		µg/L	5	7/16/2016 4:17:00 AM	R35748
Methyl tert-butyl ether (MTBE)	ND	5.0		µg/L	5	7/16/2016 4:17:00 AM	R35748
1,2,4-Trimethylbenzene	ND	5.0		µg/L	5	7/16/2016 4:17:00 AM	R35748
1,3,5-Trimethylbenzene	ND	5.0		µg/L	5	7/16/2016 4:17:00 AM	R35748
1,2-Dichloroethane (EDC)	ND	5.0		µg/L	5	7/16/2016 4:17:00 AM	R35748
1,2-Dibromoethane (EDB)	ND	5.0		µg/L	5	7/16/2016 4:17:00 AM	R35748
Naphthalene	ND	10		µg/L	5	7/16/2016 4:17:00 AM	R35748
1-Methylnaphthalene	ND	20		µg/L	5	7/16/2016 4:17:00 AM	R35748
2-Methylnaphthalene	ND	20		µg/L	5	7/16/2016 4:17:00 AM	R35748
Acetone	ND	50		µg/L	5	7/16/2016 4:17:00 AM	R35748
Bromobenzene	ND	5.0		µg/L	5	7/16/2016 4:17:00 AM	R35748
Bromodichloromethane	ND	5.0		µg/L	5	7/16/2016 4:17:00 AM	R35748
Bromoform	ND	5.0		µg/L	5	7/16/2016 4:17:00 AM	R35748
Bromomethane	ND	15		µg/L	5	7/16/2016 4:17:00 AM	R35748
2-Butanone	ND	50		µg/L	5	7/16/2016 4:17:00 AM	R35748
Carbon disulfide	ND	50		µg/L	5	7/16/2016 4:17:00 AM	R35748
Carbon Tetrachloride	ND	5.0		µg/L	5	7/16/2016 4:17:00 AM	R35748
Chlorobenzene	ND	5.0		µg/L	5	7/16/2016 4:17:00 AM	R35748
Chloroethane	ND	10		µg/L	5	7/16/2016 4:17:00 AM	R35748
Chloroform	ND	5.0		µg/L	5	7/16/2016 4:17:00 AM	R35748
Chloromethane	ND	15		µg/L	5	7/16/2016 4:17:00 AM	R35748
2-Chlorotoluene	ND	5.0		µg/L	5	7/16/2016 4:17:00 AM	R35748
4-Chlorotoluene	ND	5.0		µg/L	5	7/16/2016 4:17:00 AM	R35748
cis-1,2-DCE	93	5.0		µg/L	5	7/16/2016 4:17:00 AM	R35748
cis-1,3-Dichloropropene	ND	5.0		µg/L	5	7/16/2016 4:17:00 AM	R35748
1,2-Dibromo-3-chloropropane	ND	10		µg/L	5	7/16/2016 4:17:00 AM	R35748
Dibromochloromethane	ND	5.0		µg/L	5	7/16/2016 4:17:00 AM	R35748
Dibromomethane	ND	5.0		µg/L	5	7/16/2016 4:17:00 AM	R35748
1,2-Dichlorobenzene	ND	5.0		µg/L	5	7/16/2016 4:17:00 AM	R35748
1,3-Dichlorobenzene	ND	5.0		µg/L	5	7/16/2016 4:17:00 AM	R35748
1,4-Dichlorobenzene	ND	5.0		µg/L	5	7/16/2016 4:17:00 AM	R35748
Dichlorodifluoromethane	ND	5.0		µg/L	5	7/16/2016 4:17:00 AM	R35748
1,1-Dichloroethane	ND	5.0		µg/L	5	7/16/2016 4:17:00 AM	R35748
1,1-Dichloroethene	ND	5.0		µg/L	5	7/16/2016 4:17:00 AM	R35748
1,2-Dichloropropane	ND	5.0		µg/L	5	7/16/2016 4:17:00 AM	R35748
1,3-Dichloropropane	ND	5.0		µg/L	5	7/16/2016 4:17:00 AM	R35748
2,2-Dichloropropane	ND	10		µg/L	5	7/16/2016 4:17:00 AM	R35748

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Laun-Dry
Lab ID: 1607363-032 **Matrix:** AQUEOUS

Client Sample ID: Ray Mar E
Collection Date: 7/8/2016 8:57:00 AM
Received Date: 7/8/2016 10:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
1,1-Dichloropropene	ND	5.0		µg/L	5	7/16/2016 4:17:00 AM	R35748
Hexachlorobutadiene	ND	5.0		µg/L	5	7/16/2016 4:17:00 AM	R35748
2-Hexanone	ND	50		µg/L	5	7/16/2016 4:17:00 AM	R35748
Isopropylbenzene	ND	5.0		µg/L	5	7/16/2016 4:17:00 AM	R35748
4-Isopropyltoluene	ND	5.0		µg/L	5	7/16/2016 4:17:00 AM	R35748
4-Methyl-2-pentanone	ND	50		µg/L	5	7/16/2016 4:17:00 AM	R35748
Methylene Chloride	ND	15		µg/L	5	7/16/2016 4:17:00 AM	R35748
n-Butylbenzene	ND	15		µg/L	5	7/16/2016 4:17:00 AM	R35748
n-Propylbenzene	ND	5.0		µg/L	5	7/16/2016 4:17:00 AM	R35748
sec-Butylbenzene	ND	5.0		µg/L	5	7/16/2016 4:17:00 AM	R35748
Styrene	ND	5.0		µg/L	5	7/16/2016 4:17:00 AM	R35748
tert-Butylbenzene	ND	5.0		µg/L	5	7/16/2016 4:17:00 AM	R35748
1,1,1,2-Tetrachloroethane	ND	5.0		µg/L	5	7/16/2016 4:17:00 AM	R35748
1,1,2,2-Tetrachloroethane	ND	10		µg/L	5	7/16/2016 4:17:00 AM	R35748
Tetrachloroethene (PCE)	ND	5.0		µg/L	5	7/16/2016 4:17:00 AM	R35748
trans-1,2-DCE	80	5.0		µg/L	5	7/16/2016 4:17:00 AM	R35748
trans-1,3-Dichloropropene	ND	5.0		µg/L	5	7/16/2016 4:17:00 AM	R35748
1,2,3-Trichlorobenzene	ND	5.0		µg/L	5	7/16/2016 4:17:00 AM	R35748
1,2,4-Trichlorobenzene	ND	5.0		µg/L	5	7/16/2016 4:17:00 AM	R35748
1,1,1-Trichloroethane	ND	5.0		µg/L	5	7/16/2016 4:17:00 AM	R35748
1,1,2-Trichloroethane	ND	5.0		µg/L	5	7/16/2016 4:17:00 AM	R35748
Trichloroethene (TCE)	620	50		µg/L	50	7/16/2016 3:53:00 AM	R35748
Trichlorofluoromethane	ND	5.0		µg/L	5	7/16/2016 4:17:00 AM	R35748
1,2,3-Trichloropropane	ND	10		µg/L	5	7/16/2016 4:17:00 AM	R35748
Vinyl chloride	ND	5.0		µg/L	5	7/16/2016 4:17:00 AM	R35748
Xylenes, Total	ND	7.5		µg/L	5	7/16/2016 4:17:00 AM	R35748
Surr: 1,2-Dichloroethane-d4	105	70-130		%Rec	5	7/16/2016 4:17:00 AM	R35748
Surr: 4-Bromofluorobenzene	95.7	70-130		%Rec	5	7/16/2016 4:17:00 AM	R35748
Surr: Dibromofluoromethane	104	70-130		%Rec	5	7/16/2016 4:17:00 AM	R35748
Surr: Toluene-d8	96.7	70-130		%Rec	5	7/16/2016 4:17:00 AM	R35748

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Laun-Dry
Lab ID: 1607363-033 **Matrix:** AQUEOUS

Client Sample ID: Ray Mar W
Collection Date: 7/8/2016 9:30:00 AM
Received Date: 7/8/2016 10:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
Benzene	ND	5.0		µg/L	5	7/16/2016 5:04:00 AM	A35748
Toluene	ND	5.0		µg/L	5	7/16/2016 5:04:00 AM	A35748
Ethylbenzene	ND	5.0		µg/L	5	7/16/2016 5:04:00 AM	A35748
Methyl tert-butyl ether (MTBE)	ND	5.0		µg/L	5	7/16/2016 5:04:00 AM	A35748
1,2,4-Trimethylbenzene	ND	5.0		µg/L	5	7/16/2016 5:04:00 AM	A35748
1,3,5-Trimethylbenzene	ND	5.0		µg/L	5	7/16/2016 5:04:00 AM	A35748
1,2-Dichloroethane (EDC)	ND	5.0		µg/L	5	7/16/2016 5:04:00 AM	A35748
1,2-Dibromoethane (EDB)	ND	5.0		µg/L	5	7/16/2016 5:04:00 AM	A35748
Naphthalene	ND	10		µg/L	5	7/16/2016 5:04:00 AM	A35748
1-Methylnaphthalene	ND	20		µg/L	5	7/16/2016 5:04:00 AM	A35748
2-Methylnaphthalene	ND	20		µg/L	5	7/16/2016 5:04:00 AM	A35748
Acetone	ND	50		µg/L	5	7/16/2016 5:04:00 AM	A35748
Bromobenzene	ND	5.0		µg/L	5	7/16/2016 5:04:00 AM	A35748
Bromodichloromethane	ND	5.0		µg/L	5	7/16/2016 5:04:00 AM	A35748
Bromoform	ND	5.0		µg/L	5	7/16/2016 5:04:00 AM	A35748
Bromomethane	ND	15		µg/L	5	7/16/2016 5:04:00 AM	A35748
2-Butanone	ND	50		µg/L	5	7/16/2016 5:04:00 AM	A35748
Carbon disulfide	ND	50		µg/L	5	7/16/2016 5:04:00 AM	A35748
Carbon Tetrachloride	ND	5.0		µg/L	5	7/16/2016 5:04:00 AM	A35748
Chlorobenzene	ND	5.0		µg/L	5	7/16/2016 5:04:00 AM	A35748
Chloroethane	ND	10		µg/L	5	7/16/2016 5:04:00 AM	A35748
Chloroform	ND	5.0		µg/L	5	7/16/2016 5:04:00 AM	A35748
Chloromethane	ND	15		µg/L	5	7/16/2016 5:04:00 AM	A35748
2-Chlorotoluene	ND	5.0		µg/L	5	7/16/2016 5:04:00 AM	A35748
4-Chlorotoluene	ND	5.0		µg/L	5	7/16/2016 5:04:00 AM	A35748
cis-1,2-DCE	120	5.0		µg/L	5	7/16/2016 5:04:00 AM	A35748
cis-1,3-Dichloropropene	ND	5.0		µg/L	5	7/16/2016 5:04:00 AM	A35748
1,2-Dibromo-3-chloropropane	ND	10		µg/L	5	7/16/2016 5:04:00 AM	A35748
Dibromochloromethane	ND	5.0		µg/L	5	7/16/2016 5:04:00 AM	A35748
Dibromomethane	ND	5.0		µg/L	5	7/16/2016 5:04:00 AM	A35748
1,2-Dichlorobenzene	ND	5.0		µg/L	5	7/16/2016 5:04:00 AM	A35748
1,3-Dichlorobenzene	ND	5.0		µg/L	5	7/16/2016 5:04:00 AM	A35748
1,4-Dichlorobenzene	ND	5.0		µg/L	5	7/16/2016 5:04:00 AM	A35748
Dichlorodifluoromethane	ND	5.0		µg/L	5	7/16/2016 5:04:00 AM	A35748
1,1-Dichloroethane	ND	5.0		µg/L	5	7/16/2016 5:04:00 AM	A35748
1,1-Dichloroethene	ND	5.0		µg/L	5	7/16/2016 5:04:00 AM	A35748
1,2-Dichloropropane	ND	5.0		µg/L	5	7/16/2016 5:04:00 AM	A35748
1,3-Dichloropropane	ND	5.0		µg/L	5	7/16/2016 5:04:00 AM	A35748
2,2-Dichloropropane	ND	10		µg/L	5	7/16/2016 5:04:00 AM	A35748

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Laun-Dry
Lab ID: 1607363-033 **Matrix:** AQUEOUS

Client Sample ID: Ray Mar W
Collection Date: 7/8/2016 9:30:00 AM
Received Date: 7/8/2016 10:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
1,1-Dichloropropene	ND	5.0		µg/L	5	7/16/2016 5:04:00 AM	A35748
Hexachlorobutadiene	ND	5.0		µg/L	5	7/16/2016 5:04:00 AM	A35748
2-Hexanone	ND	50		µg/L	5	7/16/2016 5:04:00 AM	A35748
Isopropylbenzene	ND	5.0		µg/L	5	7/16/2016 5:04:00 AM	A35748
4-Isopropyltoluene	ND	5.0		µg/L	5	7/16/2016 5:04:00 AM	A35748
4-Methyl-2-pentanone	ND	50		µg/L	5	7/16/2016 5:04:00 AM	A35748
Methylene Chloride	ND	15		µg/L	5	7/16/2016 5:04:00 AM	A35748
n-Butylbenzene	ND	15		µg/L	5	7/16/2016 5:04:00 AM	A35748
n-Propylbenzene	ND	5.0		µg/L	5	7/16/2016 5:04:00 AM	A35748
sec-Butylbenzene	ND	5.0		µg/L	5	7/16/2016 5:04:00 AM	A35748
Styrene	ND	5.0		µg/L	5	7/16/2016 5:04:00 AM	A35748
tert-Butylbenzene	ND	5.0		µg/L	5	7/16/2016 5:04:00 AM	A35748
1,1,1,2-Tetrachloroethane	ND	5.0		µg/L	5	7/16/2016 5:04:00 AM	A35748
1,1,2,2-Tetrachloroethane	ND	10		µg/L	5	7/16/2016 5:04:00 AM	A35748
Tetrachloroethene (PCE)	ND	5.0		µg/L	5	7/16/2016 5:04:00 AM	A35748
trans-1,2-DCE	140	5.0		µg/L	5	7/16/2016 5:04:00 AM	A35748
trans-1,3-Dichloropropene	ND	5.0		µg/L	5	7/16/2016 5:04:00 AM	A35748
1,2,3-Trichlorobenzene	ND	5.0		µg/L	5	7/16/2016 5:04:00 AM	A35748
1,2,4-Trichlorobenzene	ND	5.0		µg/L	5	7/16/2016 5:04:00 AM	A35748
1,1,1-Trichloroethane	ND	5.0		µg/L	5	7/16/2016 5:04:00 AM	A35748
1,1,2-Trichloroethane	ND	5.0		µg/L	5	7/16/2016 5:04:00 AM	A35748
Trichloroethene (TCE)	550	50		µg/L	50	7/16/2016 4:40:00 AM	A35748
Trichlorofluoromethane	ND	5.0		µg/L	5	7/16/2016 5:04:00 AM	A35748
1,2,3-Trichloropropane	ND	10		µg/L	5	7/16/2016 5:04:00 AM	A35748
Vinyl chloride	ND	5.0		µg/L	5	7/16/2016 5:04:00 AM	A35748
Xylenes, Total	ND	7.5		µg/L	5	7/16/2016 5:04:00 AM	A35748
Surr: 1,2-Dichloroethane-d4	107	70-130		%Rec	5	7/16/2016 5:04:00 AM	A35748
Surr: 4-Bromofluorobenzene	98.4	70-130		%Rec	5	7/16/2016 5:04:00 AM	A35748
Surr: Dibromofluoromethane	99.6	70-130		%Rec	5	7/16/2016 5:04:00 AM	A35748
Surr: Toluene-d8	94.3	70-130		%Rec	5	7/16/2016 5:04:00 AM	A35748

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: Trip Blank
Project: Laun-Dry
Collection Date:
Lab ID: 1607363-034
Matrix: TRIP BLANK
Received Date: 7/8/2016 10:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
Benzene	ND	1.0		µg/L	1	7/16/2016 6:37:00 AM	A35748
Toluene	ND	1.0		µg/L	1	7/16/2016 6:37:00 AM	A35748
Ethylbenzene	ND	1.0		µg/L	1	7/16/2016 6:37:00 AM	A35748
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	7/16/2016 6:37:00 AM	A35748
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	7/16/2016 6:37:00 AM	A35748
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	7/16/2016 6:37:00 AM	A35748
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	7/16/2016 6:37:00 AM	A35748
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	7/16/2016 6:37:00 AM	A35748
Naphthalene	ND	2.0		µg/L	1	7/16/2016 6:37:00 AM	A35748
1-Methylnaphthalene	ND	4.0		µg/L	1	7/16/2016 6:37:00 AM	A35748
2-Methylnaphthalene	ND	4.0		µg/L	1	7/16/2016 6:37:00 AM	A35748
Acetone	ND	10		µg/L	1	7/16/2016 6:37:00 AM	A35748
Bromobenzene	ND	1.0		µg/L	1	7/16/2016 6:37:00 AM	A35748
Bromodichloromethane	ND	1.0		µg/L	1	7/16/2016 6:37:00 AM	A35748
Bromoform	ND	1.0		µg/L	1	7/16/2016 6:37:00 AM	A35748
Bromomethane	ND	3.0		µg/L	1	7/16/2016 6:37:00 AM	A35748
2-Butanone	ND	10		µg/L	1	7/16/2016 6:37:00 AM	A35748
Carbon disulfide	ND	10		µg/L	1	7/16/2016 6:37:00 AM	A35748
Carbon Tetrachloride	ND	1.0		µg/L	1	7/16/2016 6:37:00 AM	A35748
Chlorobenzene	ND	1.0		µg/L	1	7/16/2016 6:37:00 AM	A35748
Chloroethane	ND	2.0		µg/L	1	7/16/2016 6:37:00 AM	A35748
Chloroform	ND	1.0		µg/L	1	7/16/2016 6:37:00 AM	A35748
Chloromethane	ND	3.0		µg/L	1	7/16/2016 6:37:00 AM	A35748
2-Chlorotoluene	ND	1.0		µg/L	1	7/16/2016 6:37:00 AM	A35748
4-Chlorotoluene	ND	1.0		µg/L	1	7/16/2016 6:37:00 AM	A35748
cis-1,2-DCE	ND	1.0		µg/L	1	7/16/2016 6:37:00 AM	A35748
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	7/16/2016 6:37:00 AM	A35748
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	7/16/2016 6:37:00 AM	A35748
Dibromochloromethane	ND	1.0		µg/L	1	7/16/2016 6:37:00 AM	A35748
Dibromomethane	ND	1.0		µg/L	1	7/16/2016 6:37:00 AM	A35748
1,2-Dichlorobenzene	ND	1.0		µg/L	1	7/16/2016 6:37:00 AM	A35748
1,3-Dichlorobenzene	ND	1.0		µg/L	1	7/16/2016 6:37:00 AM	A35748
1,4-Dichlorobenzene	ND	1.0		µg/L	1	7/16/2016 6:37:00 AM	A35748
Dichlorodifluoromethane	ND	1.0		µg/L	1	7/16/2016 6:37:00 AM	A35748
1,1-Dichloroethane	ND	1.0		µg/L	1	7/16/2016 6:37:00 AM	A35748
1,1-Dichloroethene	ND	1.0		µg/L	1	7/16/2016 6:37:00 AM	A35748
1,2-Dichloropropane	ND	1.0		µg/L	1	7/16/2016 6:37:00 AM	A35748
1,3-Dichloropropane	ND	1.0		µg/L	1	7/16/2016 6:37:00 AM	A35748
2,2-Dichloropropane	ND	2.0		µg/L	1	7/16/2016 6:37:00 AM	A35748

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: Trip Blank
Project: Laun-Dry
Collection Date:
Lab ID: 1607363-034
Matrix: TRIP BLANK
Received Date: 7/8/2016 10:05:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
1,1-Dichloropropene	ND	1.0		µg/L	1	7/16/2016 6:37:00 AM	A35748
Hexachlorobutadiene	ND	1.0		µg/L	1	7/16/2016 6:37:00 AM	A35748
2-Hexanone	ND	10		µg/L	1	7/16/2016 6:37:00 AM	A35748
Isopropylbenzene	ND	1.0		µg/L	1	7/16/2016 6:37:00 AM	A35748
4-Isopropyltoluene	ND	1.0		µg/L	1	7/16/2016 6:37:00 AM	A35748
4-Methyl-2-pentanone	ND	10		µg/L	1	7/16/2016 6:37:00 AM	A35748
Methylene Chloride	ND	3.0		µg/L	1	7/16/2016 6:37:00 AM	A35748
n-Butylbenzene	ND	3.0		µg/L	1	7/16/2016 6:37:00 AM	A35748
n-Propylbenzene	ND	1.0		µg/L	1	7/16/2016 6:37:00 AM	A35748
sec-Butylbenzene	ND	1.0		µg/L	1	7/16/2016 6:37:00 AM	A35748
Styrene	ND	1.0		µg/L	1	7/16/2016 6:37:00 AM	A35748
tert-Butylbenzene	ND	1.0		µg/L	1	7/16/2016 6:37:00 AM	A35748
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	7/16/2016 6:37:00 AM	A35748
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	7/16/2016 6:37:00 AM	A35748
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	7/16/2016 6:37:00 AM	A35748
trans-1,2-DCE	ND	1.0		µg/L	1	7/16/2016 6:37:00 AM	A35748
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	7/16/2016 6:37:00 AM	A35748
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	7/16/2016 6:37:00 AM	A35748
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	7/16/2016 6:37:00 AM	A35748
1,1,1-Trichloroethane	ND	1.0		µg/L	1	7/16/2016 6:37:00 AM	A35748
1,1,2-Trichloroethane	ND	1.0		µg/L	1	7/16/2016 6:37:00 AM	A35748
Trichloroethene (TCE)	ND	1.0		µg/L	1	7/16/2016 6:37:00 AM	A35748
Trichlorofluoromethane	ND	1.0		µg/L	1	7/16/2016 6:37:00 AM	A35748
1,2,3-Trichloropropane	ND	2.0		µg/L	1	7/16/2016 6:37:00 AM	A35748
Vinyl chloride	ND	1.0		µg/L	1	7/16/2016 6:37:00 AM	A35748
Xylenes, Total	ND	1.5		µg/L	1	7/16/2016 6:37:00 AM	A35748
Surr: 1,2-Dichloroethane-d4	101	70-130		%Rec	1	7/16/2016 6:37:00 AM	A35748
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	1	7/16/2016 6:37:00 AM	A35748
Surr: Dibromofluoromethane	99.2	70-130		%Rec	1	7/16/2016 6:37:00 AM	A35748
Surr: Toluene-d8	93.7	70-130		%Rec	1	7/16/2016 6:37:00 AM	A35748

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **1607363**
21-Jul-16

Client: EA Engineering
Project: Laun-Dry

Sample ID **rb**	SampType: **MBLK**	TestCode: **EPA Method 8260B: VOLATILES**	
Client ID: **PBW**	Batch ID: **A35636**	RunNo: **35636**	
Prep Date:	Analysis Date: **7/12/2016**	SeqNo: **1103333**	Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								
Ethylbenzene	ND	1.0								
Methyl tert-butyl ether (MTBE)	ND	1.0								
1,2,4-Trimethylbenzene	ND	1.0								
1,3,5-Trimethylbenzene	ND	1.0								
1,2-Dichloroethane (EDC)	ND	1.0								
1,2-Dibromoethane (EDB)	ND	1.0								
Naphthalene	ND	2.0								
1-Methylnaphthalene	ND	4.0								
2-Methylnaphthalene	ND	4.0								
Acetone	ND	10								
Bromobenzene	ND	1.0								
Bromodichloromethane	ND	1.0								
Bromoform	ND	1.0								
Bromomethane	ND	3.0								
2-Butanone	ND	10								
Carbon disulfide	ND	10								
Carbon Tetrachloride	ND	1.0								
Chlorobenzene	ND	1.0								
Chloroethane	ND	2.0								
Chloroform	ND	1.0								
Chloromethane	ND	3.0								
2-Chlorotoluene	ND	1.0								
4-Chlorotoluene	ND	1.0								
cis-1,2-DCE	ND	1.0								
cis-1,3-Dichloropropene	ND	1.0								
1,2-Dibromo-3-chloropropane	ND	2.0								
Dibromochloromethane	ND	1.0								
Dibromomethane	ND	1.0								
1,2-Dichlorobenzene	ND	1.0								
1,3-Dichlorobenzene	ND	1.0								
1,4-Dichlorobenzene	ND	1.0								
Dichlorodifluoromethane	ND	1.0								
1,1-Dichloroethane	ND	1.0								
1,1-Dichloroethene	ND	1.0								
1,2-Dichloropropane	ND	1.0								
1,3-Dichloropropane	ND	1.0								
2,2-Dichloropropane	ND	2.0								

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **1607363**
21-Jul-16

Client: EA Engineering
Project: Laun-Dry

Sample ID **rb** SampType: **MBLK** TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW** Batch ID: **A35636** RunNo: **35636**
Prep Date: Analysis Date: **7/12/2016** SeqNo: **1103333** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,1-Dichloropropene	ND	1.0								
Hexachlorobutadiene	ND	1.0								
2-Hexanone	ND	10								
Isopropylbenzene	ND	1.0								
4-Isopropyltoluene	ND	1.0								
4-Methyl-2-pentanone	ND	10								
Methylene Chloride	ND	3.0								
n-Butylbenzene	ND	3.0								
n-Propylbenzene	ND	1.0								
sec-Butylbenzene	ND	1.0								
Styrene	ND	1.0								
tert-Butylbenzene	ND	1.0								
1,1,1,2-Tetrachloroethane	ND	1.0								
1,1,2,2-Tetrachloroethane	ND	2.0								
Tetrachloroethene (PCE)	ND	1.0								
trans-1,2-DCE	ND	1.0								
trans-1,3-Dichloropropene	ND	1.0								
1,2,3-Trichlorobenzene	ND	1.0								
1,2,4-Trichlorobenzene	ND	1.0								
1,1,1-Trichloroethane	ND	1.0								
1,1,2-Trichloroethane	ND	1.0								
Trichloroethene (TCE)	ND	1.0								
Trichlorofluoromethane	ND	1.0								
1,2,3-Trichloropropane	ND	2.0								
Vinyl chloride	ND	1.0								
Xylenes, Total	ND	1.5								
Surr: 1,2-Dichloroethane-d4	10		10.00		105	70	130			
Surr: 4-Bromofluorobenzene	9.8		10.00		98.2	70	130			
Surr: Dibromofluoromethane	10		10.00		102	70	130			
Surr: Toluene-d8	9.8		10.00		97.9	70	130			

Sample ID **100ng lcsb** SampType: **LCS** TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **LCSW** Batch ID: **A35636** RunNo: **35636**
Prep Date: Analysis Date: **7/12/2016** SeqNo: **1103334** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	22	1.0	20.00	0	112	70	130			
Toluene	20	1.0	20.00	0	102	70	130			
Chlorobenzene	19	1.0	20.00	0	95.4	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **1607363**
21-Jul-16

Client: EA Engineering
Project: Laun-Dry

Sample ID **100ng lcsb**	SampType: **LCS**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **LCSW**	Batch ID: **A35636**	RunNo: **35636**
Prep Date:	Analysis Date: **7/12/2016**	SeqNo: **1103334** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,1-Dichloroethene	22	1.0	20.00	0	110	70	130			
Trichloroethene (TCE)	20	1.0	20.00	0	102	70	130			
Surr: 1,2-Dichloroethane-d4	10		10.00		103	70	130			
Surr: 4-Bromofluorobenzene	9.9		10.00		98.5	70	130			
Surr: Dibromofluoromethane	10		10.00		102	70	130			
Surr: Toluene-d8	9.4		10.00		93.6	70	130			

Sample ID **rb**	SampType: **MBLK**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW**	Batch ID: **A35661**	RunNo: **35661**
Prep Date:	Analysis Date: **7/13/2016**	SeqNo: **1103513** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								
Ethylbenzene	ND	1.0								
Methyl tert-butyl ether (MTBE)	ND	1.0								
1,2,4-Trimethylbenzene	ND	1.0								
1,3,5-Trimethylbenzene	ND	1.0								
1,2-Dichloroethane (EDC)	ND	1.0								
1,2-Dibromoethane (EDB)	ND	1.0								
Naphthalene	ND	2.0								
1-Methylnaphthalene	ND	4.0								
2-Methylnaphthalene	ND	4.0								
Acetone	ND	10								
Bromobenzene	ND	1.0								
Bromodichloromethane	ND	1.0								
Bromoform	ND	1.0								
Bromomethane	ND	3.0								
2-Butanone	ND	10								
Carbon disulfide	ND	10								
Carbon Tetrachloride	ND	1.0								
Chlorobenzene	ND	1.0								
Chloroethane	ND	2.0								
Chloroform	ND	1.0								
Chloromethane	ND	3.0								
2-Chlorotoluene	ND	1.0								
4-Chlorotoluene	ND	1.0								
cis-1,2-DCE	ND	1.0								
cis-1,3-Dichloropropene	ND	1.0								

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **1607363**
21-Jul-16

Client: EA Engineering
Project: Laun-Dry

Sample ID **rb**	SampType: **MBLK**	TestCode: **EPA Method 8260B: VOLATILES**	
Client ID: **PBW**	Batch ID: **A35661**	RunNo: **35661**	
Prep Date:	Analysis Date: **7/13/2016**	SeqNo: **1103513**	Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,2-Dibromo-3-chloropropane	ND	2.0								
Dibromochloromethane	ND	1.0								
Dibromomethane	ND	1.0								
1,2-Dichlorobenzene	ND	1.0								
1,3-Dichlorobenzene	ND	1.0								
1,4-Dichlorobenzene	ND	1.0								
Dichlorodifluoromethane	ND	1.0								
1,1-Dichloroethane	ND	1.0								
1,1-Dichloroethene	ND	1.0								
1,2-Dichloropropane	ND	1.0								
1,3-Dichloropropane	ND	1.0								
2,2-Dichloropropane	ND	2.0								
1,1-Dichloropropene	ND	1.0								
Hexachlorobutadiene	ND	1.0								
2-Hexanone	ND	10								
Isopropylbenzene	ND	1.0								
4-Isopropyltoluene	ND	1.0								
4-Methyl-2-pentanone	ND	10								
Methylene Chloride	ND	3.0								
n-Butylbenzene	ND	3.0								
n-Propylbenzene	ND	1.0								
sec-Butylbenzene	ND	1.0								
Styrene	ND	1.0								
tert-Butylbenzene	ND	1.0								
1,1,1,2-Tetrachloroethane	ND	1.0								
1,1,2,2-Tetrachloroethane	ND	2.0								
Tetrachloroethene (PCE)	ND	1.0								
trans-1,2-DCE	ND	1.0								
trans-1,3-Dichloropropene	ND	1.0								
1,2,3-Trichlorobenzene	ND	1.0								
1,2,4-Trichlorobenzene	ND	1.0								
1,1,1-Trichloroethane	ND	1.0								
1,1,2-Trichloroethane	ND	1.0								
Trichloroethene (TCE)	ND	1.0								
Trichlorofluoromethane	ND	1.0								
1,2,3-Trichloropropane	ND	2.0								
Vinyl chloride	ND	1.0								
Xylenes, Total	ND	1.5								
Surr: 1,2-Dichloroethane-d4	11		10.00		109	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **1607363**
21-Jul-16

Client: EA Engineering
Project: Laun-Dry

Sample ID **rb** SampType: **MBLK** TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW** Batch ID: **A35661** RunNo: **35661**
Prep Date: Analysis Date: **7/13/2016** SeqNo: **1103513** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	10		10.00		99.7	70	130			
Surr: Dibromofluoromethane	11		10.00		110	70	130			
Surr: Toluene-d8	9.6		10.00		96.2	70	130			

Sample ID **100ng lcs** SampType: **LCS** TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **LCSW** Batch ID: **A35661** RunNo: **35661**
Prep Date: Analysis Date: **7/13/2016** SeqNo: **1103514** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	23	1.0	20.00	0	113	70	130			
Toluene	19	1.0	20.00	0	95.0	70	130			
Chlorobenzene	18	1.0	20.00	0	90.0	70	130			
1,1-Dichloroethene	22	1.0	20.00	0	111	70	130			
Trichloroethene (TCE)	20	1.0	20.00	0	99.4	70	130			
Surr: 1,2-Dichloroethane-d4	10		10.00		102	70	130			
Surr: 4-Bromofluorobenzene	9.7		10.00		97.1	70	130			
Surr: Dibromofluoromethane	11		10.00		108	70	130			
Surr: Toluene-d8	9.5		10.00		94.8	70	130			

Sample ID **1607363-005a ms** SampType: **MS** TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **MW-18D** Batch ID: **A35661** RunNo: **35661**
Prep Date: Analysis Date: **7/13/2016** SeqNo: **1104009** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	23	1.0	20.00	0	116	70	130			
Toluene	19	1.0	20.00	0	95.6	70	130			
Chlorobenzene	18	1.0	20.00	0	90.1	70	130			
1,1-Dichloroethene	22	1.0	20.00	0	111	70	130			
Trichloroethene (TCE)	21	1.0	20.00	0	107	70	130			
Surr: 1,2-Dichloroethane-d4	12		10.00		117	70	130			
Surr: 4-Bromofluorobenzene	9.4		10.00		93.7	70	130			
Surr: Dibromofluoromethane	11		10.00		109	70	130			
Surr: Toluene-d8	9.6		10.00		95.5	70	130			

Sample ID **1607363-005a msd** SampType: **MSD** TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **MW-18D** Batch ID: **A35661** RunNo: **35661**
Prep Date: Analysis Date: **7/13/2016** SeqNo: **1104010** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	24	1.0	20.00	0	122	70	130	5.70	20	

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **1607363**
21-Jul-16

Client: EA Engineering
Project: Laun-Dry

Sample ID **1607363-005a msd** SampType: **MSD** TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **MW-18D** Batch ID: **A35661** RunNo: **35661**
Prep Date: Analysis Date: **7/13/2016** SeqNo: **1104010** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Toluene	19	1.0	20.00	0	95.8	70	130	0.150	20	
Chlorobenzene	18	1.0	20.00	0	91.6	70	130	1.60	20	
1,1-Dichloroethene	22	1.0	20.00	0	111	70	130	0.652	20	
Trichloroethene (TCE)	22	1.0	20.00	0	108	70	130	1.40	20	
Surr: 1,2-Dichloroethane-d4	12		10.00		118	70	130	0	0	
Surr: 4-Bromofluorobenzene	9.5		10.00		95.2	70	130	0	0	
Surr: Dibromofluoromethane	11		10.00		115	70	130	0	0	
Surr: Toluene-d8	9.3		10.00		93.5	70	130	0	0	

Sample ID **100ng lcs** SampType: **LCS** TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **LCSW** Batch ID: **R35748** RunNo: **35748**
Prep Date: Analysis Date: **7/15/2016** SeqNo: **1106084** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	19	1.0	20.00	0	96.8	70	130			
Toluene	19	1.0	20.00	0	96.5	70	130			
Chlorobenzene	19	1.0	20.00	0	97.2	70	130			
1,1-Dichloroethene	20	1.0	20.00	0	98.7	70	130			
Trichloroethene (TCE)	19	1.0	20.00	0	93.0	70	130			
Surr: 1,2-Dichloroethane-d4	9.9		10.00		98.8	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		104	70	130			
Surr: Dibromofluoromethane	9.7		10.00		97.3	70	130			
Surr: Toluene-d8	9.7		10.00		97.0	70	130			

Sample ID **rb** SampType: **MBLK** TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW** Batch ID: **R35748** RunNo: **35748**
Prep Date: Analysis Date: **7/15/2016** SeqNo: **1106085** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								
Ethylbenzene	ND	1.0								
Methyl tert-butyl ether (MTBE)	ND	1.0								
1,2,4-Trimethylbenzene	ND	1.0								
1,3,5-Trimethylbenzene	ND	1.0								
1,2-Dichloroethane (EDC)	ND	1.0								
1,2-Dibromoethane (EDB)	ND	1.0								
Naphthalene	ND	2.0								
1-Methylnaphthalene	ND	4.0								
2-Methylnaphthalene	ND	4.0								

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **1607363**
21-Jul-16

Client: EA Engineering
Project: Laun-Dry

Sample ID **rb**	SampType: **MBLK**	TestCode: **EPA Method 8260B: VOLATILES**			
Client ID: **PBW**	Batch ID: **R35748**	RunNo: **35748**			
Prep Date:	Analysis Date: **7/15/2016**	SeqNo: **1106085**	Units: **µg/L**		

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Acetone	ND	10								
Bromobenzene	ND	1.0								
Bromodichloromethane	ND	1.0								
Bromoform	ND	1.0								
Bromomethane	ND	3.0								
2-Butanone	ND	10								
Carbon disulfide	ND	10								
Carbon Tetrachloride	ND	1.0								
Chlorobenzene	ND	1.0								
Chloroethane	ND	2.0								
Chloroform	ND	1.0								
Chloromethane	ND	3.0								
2-Chlorotoluene	ND	1.0								
4-Chlorotoluene	ND	1.0								
cis-1,2-DCE	ND	1.0								
cis-1,3-Dichloropropene	ND	1.0								
1,2-Dibromo-3-chloropropane	ND	2.0								
Dibromochloromethane	ND	1.0								
Dibromomethane	ND	1.0								
1,2-Dichlorobenzene	ND	1.0								
1,3-Dichlorobenzene	ND	1.0								
1,4-Dichlorobenzene	ND	1.0								
Dichlorodifluoromethane	ND	1.0								
1,1-Dichloroethane	ND	1.0								
1,1-Dichloroethene	ND	1.0								
1,2-Dichloropropane	ND	1.0								
1,3-Dichloropropane	ND	1.0								
2,2-Dichloropropane	ND	2.0								
1,1-Dichloropropene	ND	1.0								
Hexachlorobutadiene	ND	1.0								
2-Hexanone	ND	10								
Isopropylbenzene	ND	1.0								
4-Isopropyltoluene	ND	1.0								
4-Methyl-2-pentanone	ND	10								
Methylene Chloride	ND	3.0								
n-Butylbenzene	ND	3.0								
n-Propylbenzene	ND	1.0								
sec-Butylbenzene	ND	1.0								
Styrene	ND	1.0								

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **1607363**
21-Jul-16

Client: EA Engineering
Project: Laun-Dry

Sample ID **rb** SampType: **MBLK** TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW** Batch ID: **R35748** RunNo: **35748**
Prep Date: Analysis Date: **7/15/2016** SeqNo: **1106085** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
tert-Butylbenzene	ND	1.0								
1,1,1,2-Tetrachloroethane	ND	1.0								
1,1,2,2-Tetrachloroethane	ND	2.0								
Tetrachloroethene (PCE)	ND	1.0								
trans-1,2-DCE	ND	1.0								
trans-1,3-Dichloropropene	ND	1.0								
1,2,3-Trichlorobenzene	ND	1.0								
1,2,4-Trichlorobenzene	ND	1.0								
1,1,1-Trichloroethane	ND	1.0								
1,1,2-Trichloroethane	ND	1.0								
Trichloroethene (TCE)	ND	1.0								
Trichlorofluoromethane	ND	1.0								
1,2,3-Trichloropropane	ND	2.0								
Vinyl chloride	ND	1.0								
Xylenes, Total	ND	1.5								
Surr: 1,2-Dichloroethane-d4	10		10.00		103	70	130			
Surr: 4-Bromofluorobenzene	9.9		10.00		98.6	70	130			
Surr: Dibromofluoromethane	10		10.00		99.8	70	130			
Surr: Toluene-d8	9.5		10.00		94.5	70	130			

Sample ID **1607363-013ams** SampType: **MS** TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **MW-16** Batch ID: **R35748** RunNo: **35748**
Prep Date: Analysis Date: **7/15/2016** SeqNo: **1106105** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	21	1.0	20.00	0	105	70	130			
Toluene	20	1.0	20.00	0	101	70	130			
Chlorobenzene	20	1.0	20.00	0	99.0	70	130			
1,1-Dichloroethene	21	1.0	20.00	0	105	70	130			
Trichloroethene (TCE)	20	1.0	20.00	0	100	70	130			
Surr: 1,2-Dichloroethane-d4	11		10.00		113	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		102	70	130			
Surr: Dibromofluoromethane	10		10.00		102	70	130			
Surr: Toluene-d8	9.7		10.00		97.1	70	130			

Sample ID **1607363-013amsd** SampType: **MSD** TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **MW-16** Batch ID: **R35748** RunNo: **35748**
Prep Date: Analysis Date: **7/15/2016** SeqNo: **1106106** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **1607363**
21-Jul-16

Client: EA Engineering
Project: Laun-Dry

Sample ID **1607363-013amsd** SampType: **MSD** TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **MW-16** Batch ID: **R35748** RunNo: **35748**
Prep Date: Analysis Date: **7/15/2016** SeqNo: **1106106** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	22	1.0	20.00	0	109	70	130	3.11	20	
Toluene	20	1.0	20.00	0	101	70	130	0.950	20	
Chlorobenzene	20	1.0	20.00	0	100	70	130	1.20	20	
1,1-Dichloroethene	21	1.0	20.00	0	106	70	130	1.06	20	
Trichloroethene (TCE)	20	1.0	20.00	0	102	70	130	1.74	20	
Surr: 1,2-Dichloroethane-d4	11		10.00		111	70	130	0	0	
Surr: 4-Bromofluorobenzene	10		10.00		103	70	130	0	0	
Surr: Dibromofluoromethane	10		10.00		100	70	130	0	0	
Surr: Toluene-d8	9.6		10.00		96.3	70	130	0	0	

Sample ID **100ng lcs** SampType: **LCS** TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **LCSW** Batch ID: **R35759** RunNo: **35759**
Prep Date: Analysis Date: **7/18/2016** SeqNo: **1107301** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Trichloroethene (TCE)	18	1.0	20.00	0	91.3	70	130			
Surr: 1,2-Dichloroethane-d4	9.7		10.00		96.6	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		101	70	130			
Surr: Dibromofluoromethane	9.8		10.00		97.6	70	130			
Surr: Toluene-d8	9.7		10.00		96.5	70	130			

Sample ID **vsb deli** SampType: **MBLK** TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW** Batch ID: **R35759** RunNo: **35759**
Prep Date: Analysis Date: **7/18/2016** SeqNo: **1107303** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
cis-1,2-DCE	ND	1.0								
trans-1,2-DCE	ND	1.0								
Trichloroethene (TCE)	ND	1.0								
Surr: 1,2-Dichloroethane-d4	9.9		10.00		99.0	70	130			
Surr: 4-Bromofluorobenzene	9.3		10.00		92.8	70	130			
Surr: Dibromofluoromethane	9.8		10.00		98.3	70	130			
Surr: Toluene-d8	9.6		10.00		96.5	70	130			

Sample ID **100ng lcs2** SampType: **LCS** TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **LCSW** Batch ID: **A35748** RunNo: **35748**
Prep Date: Analysis Date: **7/15/2016** SeqNo: **1107831** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	20	1.0	20.00	0	98.7	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **1607363**
21-Jul-16

Client: EA Engineering
Project: Laun-Dry

Sample ID **100ng lcs2** SampType: **LCS** TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **LCSW** Batch ID: **A35748** RunNo: **35748**
Prep Date: Analysis Date: **7/15/2016** SeqNo: **1107831** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Toluene	20	1.0	20.00	0	101	70	130			
Chlorobenzene	19	1.0	20.00	0	97.5	70	130			
1,1-Dichloroethene	20	1.0	20.00	0	99.9	70	130			
Trichloroethene (TCE)	19	1.0	20.00	0	93.2	70	130			
Surr: 1,2-Dichloroethane-d4	10		10.00		102	70	130			
Surr: 4-Bromofluorobenzene	9.6		10.00		96.2	70	130			
Surr: Dibromofluoromethane	9.8		10.00		97.6	70	130			
Surr: Toluene-d8	9.8		10.00		97.9	70	130			

Sample ID **rb3** SampType: **MBLK** TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW** Batch ID: **A35748** RunNo: **35748**
Prep Date: Analysis Date: **7/15/2016** SeqNo: **1107832** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								
Ethylbenzene	ND	1.0								
Methyl tert-butyl ether (MTBE)	ND	1.0								
1,2,4-Trimethylbenzene	ND	1.0								
1,3,5-Trimethylbenzene	ND	1.0								
1,2-Dichloroethane (EDC)	ND	1.0								
1,2-Dibromoethane (EDB)	ND	1.0								
Naphthalene	ND	2.0								
1-Methylnaphthalene	ND	4.0								
2-Methylnaphthalene	ND	4.0								
Acetone	ND	10								
Bromobenzene	ND	1.0								
Bromodichloromethane	ND	1.0								
Bromoform	ND	1.0								
Bromomethane	ND	3.0								
2-Butanone	ND	10								
Carbon disulfide	ND	10								
Carbon Tetrachloride	ND	1.0								
Chlorobenzene	ND	1.0								
Chloroethane	ND	2.0								
Chloroform	ND	1.0								
Chloromethane	ND	3.0								
2-Chlorotoluene	ND	1.0								
4-Chlorotoluene	ND	1.0								

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **1607363**
21-Jul-16

Client: EA Engineering
Project: Laun-Dry

Sample ID **rb3**	SampType: **MBLK**	TestCode: **EPA Method 8260B: VOLATILES**	
Client ID: **PBW**	Batch ID: **A35748**	RunNo: **35748**	
Prep Date:	Analysis Date: **7/15/2016**	SeqNo: **1107832**	Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
cis-1,2-DCE	ND	1.0								
cis-1,3-Dichloropropene	ND	1.0								
1,2-Dibromo-3-chloropropane	ND	2.0								
Dibromochloromethane	ND	1.0								
Dibromomethane	ND	1.0								
1,2-Dichlorobenzene	ND	1.0								
1,3-Dichlorobenzene	ND	1.0								
1,4-Dichlorobenzene	ND	1.0								
Dichlorodifluoromethane	ND	1.0								
1,1-Dichloroethane	ND	1.0								
1,1-Dichloroethene	ND	1.0								
1,2-Dichloropropane	ND	1.0								
1,3-Dichloropropane	ND	1.0								
2,2-Dichloropropane	ND	2.0								
1,1-Dichloropropene	ND	1.0								
Hexachlorobutadiene	ND	1.0								
2-Hexanone	ND	10								
Isopropylbenzene	ND	1.0								
4-Isopropyltoluene	ND	1.0								
4-Methyl-2-pentanone	ND	10								
Methylene Chloride	ND	3.0								
n-Butylbenzene	ND	3.0								
n-Propylbenzene	ND	1.0								
sec-Butylbenzene	ND	1.0								
Styrene	ND	1.0								
tert-Butylbenzene	ND	1.0								
1,1,1,2-Tetrachloroethane	ND	1.0								
1,1,2,2-Tetrachloroethane	ND	2.0								
Tetrachloroethene (PCE)	ND	1.0								
trans-1,2-DCE	ND	1.0								
trans-1,3-Dichloropropene	ND	1.0								
1,2,3-Trichlorobenzene	ND	1.0								
1,2,4-Trichlorobenzene	ND	1.0								
1,1,1-Trichloroethane	ND	1.0								
1,1,2-Trichloroethane	ND	1.0								
Trichloroethene (TCE)	ND	1.0								
Trichlorofluoromethane	ND	1.0								
1,2,3-Trichloropropane	ND	2.0								
Vinyl chloride	ND	1.0								

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **1607363**
21-Jul-16

Client: EA Engineering
Project: Laun-Dry

Sample ID **rb3** SampType: **MBLK** TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW** Batch ID: **A35748** RunNo: **35748**
Prep Date: Analysis Date: **7/15/2016** SeqNo: **1107832** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Xylenes, Total	ND	1.5								
Surr: 1,2-Dichloroethane-d4	10		10.00		101	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		99.9	70	130			
Surr: Dibromofluoromethane	9.9		10.00		98.8	70	130			
Surr: Toluene-d8	9.4		10.00		94.4	70	130			

Sample ID **1607363-033ams** SampType: **MS** TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **Ray Mar W** Batch ID: **A35748** RunNo: **35748**
Prep Date: Analysis Date: **7/16/2016** SeqNo: **1107922** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	100	5.0	100.0	0	103	70	130			
Toluene	100	5.0	100.0	0	102	70	130			
Chlorobenzene	100	5.0	100.0	0	102	70	130			
1,1-Dichloroethene	100	5.0	100.0	0	104	70	130			
Trichloroethene (TCE)	690	5.0	100.0	602.3	88.2	70	130			E
Surr: 1,2-Dichloroethane-d4	52		50.00		105	70	130			
Surr: 4-Bromofluorobenzene	49		50.00		97.3	70	130			
Surr: Dibromofluoromethane	49		50.00		97.9	70	130			
Surr: Toluene-d8	48		50.00		96.0	70	130			

Sample ID **1607363-033amsd** SampType: **MSD** TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **Ray Mar W** Batch ID: **A35748** RunNo: **35748**
Prep Date: Analysis Date: **7/16/2016** SeqNo: **1107923** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	99	5.0	100.0	0	98.9	70	130	4.14	20	
Toluene	100	5.0	100.0	0	104	70	130	2.35	20	
Chlorobenzene	100	5.0	100.0	0	100	70	130	1.83	20	
1,1-Dichloroethene	100	5.0	100.0	0	100	70	130	3.90	20	
Trichloroethene (TCE)	670	5.0	100.0	602.3	66.2	70	130	3.24	20	ES
Surr: 1,2-Dichloroethane-d4	53		50.00		105	70	130	0	0	
Surr: 4-Bromofluorobenzene	50		50.00		99.3	70	130	0	0	
Surr: Dibromofluoromethane	49		50.00		98.2	70	130	0	0	
Surr: Toluene-d8	49		50.00		97.9	70	130	0	0	

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: EA Engineering Alb Work Order Number: 1607363 RcptNo: 1

Received by/date: 07/08/16

Logged By: Lindsay Mangin 7/8/2016 10:05:00 AM

Completed By: Lindsay Mangin 7/8/2016 10:23:30 AM

Reviewed By: 07/08/16

Chain of Custody

1. Custody seals intact on sample bottles? Yes ☐ No ☐ Not Present ☑
2. Is Chain of Custody complete? Yes ☑ No ☐ Not Present ☐
3. How was the sample delivered? Client

Log In

4. Was an attempt made to cool the samples? Yes ☑ No ☐ NA ☐
5. Were all samples received at a temperature of >0° C to 6.0°C Yes ☑ No ☐ NA ☐
6. Sample(s) in proper container(s)? Yes ☑ No ☐
7. Sufficient sample volume for indicated test(s)? Yes ☑ No ☐
8. Are samples (except VOA and ONG) properly preserved? Yes ☑ No ☐
9. Was preservative added to bottles? Yes ☐ No ☑ NA ☐
10. VOA vials have zero headspace? Yes ☑ No ☐ No VOA Vials ☐
11. Were any sample containers received broken? Yes ☐ No ☑
12. Does paperwork match bottle labels? Yes ☑ No ☐
    (Note discrepancies on chain of custody)
13. Are matrices correctly identified on Chain of Custody? Yes ☑ No ☐
14. Is it clear what analyses were requested? Yes ☑ No ☐
15. Were all holding times able to be met? Yes ☑ No ☐
    (If no, notify customer for authorization.)

# of preserved bottles checked for pH: _____ (<2 or >12 unless noted)

Adjusted? _____

Checked by: _____

Special Handling (if applicable)

16. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified: _____ Date _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

17. Additional remarks:

18. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	2.0	Good	Not Present			

Chain-of-Custody Record

Client: EA Engineering

Mailing Address: 320 Gold Ave SW #1300 Abq

Phone #: 505 224 9013

Email or Fax#: tmcmillan@earst.com

QA/QC Package: Standard ☐ Level 4 (Full Validation)

Accreditation: NELAP ☐ Other

EDD (Type)

Turn-Around Time: ☒ Standard ☐ Rush

Project Name: Lava Dry

Project #: 1506901

Project Manager: Teri Mcmillan

Sampler: Colton Lake

On Ice: ☒ Yes ☐ No

Sample Temperature: 2.0

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 1607363	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / DRO / MRO)	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)					Air Bubbles (Y or N)
-7	0840	Aq	SBM-2	3x VOA	$HgCl_2$	-001										X						
	0922		SBM-1			-002																
	1020		MW-15D			-003																
	1100		MW-14D			-004																
	1210		MW-18D			-005																
	1303		MW-6C			-006																
	1345		MW-6A			-007																
	1433		MW-6B			-008																
	1535		Sunset Production Wells			-009																
	1536		Sunset Hand Pump Wells			-010																
	1600	1335	Manual School Well			-011																
-5	~~0820~~		MW-10			-012																

Date	Time	Relinquished by	Received by	Date	Time
-8	1005			07/08/16	1005

Remarks:

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any subcontracted data will be clearly notated on the analytical report.

Chain-of-Custody Record

Client: EA Engineering

Mailing Address: 320 Gold Ave SW #800 Abq

Phone #: 505 224 9013

Email or Fax#: tmcmillan@eaest.com

QA/QC Package: ☒ Standard ☐ Level 4 (Full Validation)

Accreditation: ☒ NELAP ☐ Other

☐ EDD (Type)

Turn-Around Time: ☒ Standard ☐ Rush

Project Name: Lava Dry

Project #: 1506901

Project Manager: Teri Mcmillan

Sampler: Colton Love & David Leach

On Ice: ☒ Yes ☐ No

Sample Temperature: 2.0

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 1607363	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / DRO / MRO)	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)					Air Bubbles (Y or N)
-5	1430	Aq	MW-16	3+VOA	H_2Cl_2	-013										X						
-6	0808		MW-11			-014																
	0835		OB-1			-015																
	0927		MW-8			-016																
	1000		MW-9			-017																
	1025		MW-12			-018																
	1100		MW-14S			-019																
	1130		MW-6			-020																
	1150		SVE-2			-021																
	1225		SVE-3			-022																
	1247		MW-1			-023																
	1315		OB-2			-024																

Date:	Time:	Relinquished by:	Received by:	Date	Time
-8	1005			07/08/14	1005
Date:	Time:	Relinquished by:	Received by:	Date	Time

Remarks:

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Chain-of-Custody Record

Client: EA Engineering

Mailing Address: 320 Gold Ave SW #1300 Abq

Phone #: 505 224 9013

Email or Fax#: Emcmillan@eaest.com

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)

Accreditation
☐ NELAP ☐ Other _____

☐ EDD (Type) _____

Turn-Around Time:
☒ Standard ☐ Rush _____

Project Name: Lawn Dry

Project #: 1506901

Project Manager: Tri McMillan

Sampler: Colton Lake + David Wrath

On Ice: ☒ Yes ☐ No

Sample Temperature: 2.0

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 1607363	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / DRO / MRO)	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)					Air Bubbles (Y or N)
-6	1350	Aq	MW-3	3x40ml	HgCl2	-025										X						
	1417		MW-2			-026																
	1500		MW-15s			-027																
	1525		MW-4			-028																
-8	0740		MW-4H-06			-029																
	0805		MW-6E			-030																
	0836		MW-4H-04			-031																
	0857		Ray Mar E			-032																
	0930		Ray Mar W			-033																
			TRIP BLANK			-034																

Date:	Time:	Relinquished by:	Received by:	Date	Time	Remarks:
8	1005			07/08/16	0910	
Date:	Time:	Relinquished by:	Received by:	Date	Time	

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

July 29, 2016

Teri McMillan

EA Engineering
320 Gold Ave SW Suite 1210
Albuquerque, NM 87102
TEL: (505) 224-9013
FAX

RE: Laun-Dry OrderNo.: 1607958

Dear Teri McMillan:

Hall Environmental Analysis Laboratory received 2 sample(s) on 7/19/2016 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **1607958**
Date Reported: **7/29/2016**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Laun-Dry
Lab ID: 1607958-001 **Matrix:** AQUEOUS

Client Sample ID: Cemetery South
Collection Date: 7/19/2016 11:05:00 AM
Received Date: 7/19/2016 11:58:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**
Benzene	ND	1.0		µg/L	1	7/25/2016 2:16:00 PM
Toluene	ND	1.0		µg/L	1	7/25/2016 2:16:00 PM
Ethylbenzene	ND	1.0		µg/L	1	7/25/2016 2:16:00 PM
Methyl tert-butyl ether (MTBE)	5.5	1.0		µg/L	1	7/25/2016 2:16:00 PM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	7/25/2016 2:16:00 PM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	7/25/2016 2:16:00 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	7/25/2016 2:16:00 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	7/25/2016 2:16:00 PM
Naphthalene	ND	2.0		µg/L	1	7/25/2016 2:16:00 PM
1-Methylnaphthalene	ND	4.0		µg/L	1	7/25/2016 2:16:00 PM
2-Methylnaphthalene	ND	4.0		µg/L	1	7/25/2016 2:16:00 PM
Acetone	ND	10		µg/L	1	7/25/2016 2:16:00 PM
Bromobenzene	ND	1.0		µg/L	1	7/25/2016 2:16:00 PM
Bromodichloromethane	ND	1.0		µg/L	1	7/25/2016 2:16:00 PM
Bromoform	ND	1.0		µg/L	1	7/25/2016 2:16:00 PM
Bromomethane	ND	3.0		µg/L	1	7/25/2016 2:16:00 PM
2-Butanone	ND	10		µg/L	1	7/25/2016 2:16:00 PM
Carbon disulfide	ND	10		µg/L	1	7/25/2016 2:16:00 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	7/25/2016 2:16:00 PM
Chlorobenzene	ND	1.0		µg/L	1	7/25/2016 2:16:00 PM
Chloroethane	ND	2.0		µg/L	1	7/25/2016 2:16:00 PM
Chloroform	ND	1.0		µg/L	1	7/25/2016 2:16:00 PM
Chloromethane	ND	3.0		µg/L	1	7/25/2016 2:16:00 PM
2-Chlorotoluene	ND	1.0		µg/L	1	7/25/2016 2:16:00 PM
4-Chlorotoluene	ND	1.0		µg/L	1	7/25/2016 2:16:00 PM
cis-1,2-DCE	1.7	1.0		µg/L	1	7/25/2016 2:16:00 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	7/25/2016 2:16:00 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	7/25/2016 2:16:00 PM
Dibromochloromethane	ND	1.0		µg/L	1	7/25/2016 2:16:00 PM
Dibromomethane	ND	1.0		µg/L	1	7/25/2016 2:16:00 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	7/25/2016 2:16:00 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	7/25/2016 2:16:00 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	7/25/2016 2:16:00 PM
Dichlorodifluoromethane	ND	1.0		µg/L	1	7/25/2016 2:16:00 PM
1,1-Dichloroethane	ND	1.0		µg/L	1	7/25/2016 2:16:00 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	7/25/2016 2:16:00 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	7/25/2016 2:16:00 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	7/25/2016 2:16:00 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	7/25/2016 2:16:00 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: Cemetery South
Project: Laun-Dry
Collection Date: 7/19/2016 11:05:00 AM
Lab ID: 1607958-001
Matrix: AQUEOUS
Received Date: 7/19/2016 11:58:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**
1,1-Dichloropropene	ND	1.0		µg/L	1	7/25/2016 2:16:00 PM
Hexachlorobutadiene	ND	1.0		µg/L	1	7/25/2016 2:16:00 PM
2-Hexanone	ND	10		µg/L	1	7/25/2016 2:16:00 PM
Isopropylbenzene	ND	1.0		µg/L	1	7/25/2016 2:16:00 PM
4-Isopropyltoluene	ND	1.0		µg/L	1	7/25/2016 2:16:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	7/25/2016 2:16:00 PM
Methylene Chloride	ND	3.0		µg/L	1	7/25/2016 2:16:00 PM
n-Butylbenzene	ND	3.0		µg/L	1	7/25/2016 2:16:00 PM
n-Propylbenzene	ND	1.0		µg/L	1	7/25/2016 2:16:00 PM
sec-Butylbenzene	ND	1.0		µg/L	1	7/25/2016 2:16:00 PM
Styrene	ND	1.0		µg/L	1	7/25/2016 2:16:00 PM
tert-Butylbenzene	ND	1.0		µg/L	1	7/25/2016 2:16:00 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	7/25/2016 2:16:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	7/25/2016 2:16:00 PM
Tetrachloroethene (PCE)	19	1.0		µg/L	1	7/25/2016 2:16:00 PM
trans-1,2-DCE	1.3	1.0		µg/L	1	7/25/2016 2:16:00 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	7/25/2016 2:16:00 PM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	7/25/2016 2:16:00 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	7/25/2016 2:16:00 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	7/25/2016 2:16:00 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	7/25/2016 2:16:00 PM
Trichloroethene (TCE)	41	1.0		µg/L	1	7/25/2016 2:16:00 PM
Trichlorofluoromethane	ND	1.0		µg/L	1	7/25/2016 2:16:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	7/25/2016 2:16:00 PM
Vinyl chloride	ND	1.0		µg/L	1	7/25/2016 2:16:00 PM
Xylenes, Total	ND	1.5		µg/L	1	7/25/2016 2:16:00 PM
Surr: 1,2-Dichloroethane-d4	85.6	70-130		%Rec	1	7/25/2016 2:16:00 PM
Surr: 4-Bromofluorobenzene	92.6	70-130		%Rec	1	7/25/2016 2:16:00 PM
Surr: Dibromofluoromethane	97.3	70-130		%Rec	1	7/25/2016 2:16:00 PM
Surr: Toluene-d8	103	70-130		%Rec	1	7/25/2016 2:16:00 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Laun-Dry
Lab ID: 1607958-002 **Matrix:** AQUEOUS

Client Sample ID: Cemetery North
Collection Date: 7/19/2016 11:15:00 AM
Received Date: 7/19/2016 11:58:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**
Benzene	ND	1.0		µg/L	1	7/25/2016 3:30:00 PM
Toluene	ND	1.0		µg/L	1	7/25/2016 3:30:00 PM
Ethylbenzene	ND	1.0		µg/L	1	7/25/2016 3:30:00 PM
Methyl tert-butyl ether (MTBE)	5.7	1.0		µg/L	1	7/25/2016 3:30:00 PM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	7/25/2016 3:30:00 PM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	7/25/2016 3:30:00 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	7/25/2016 3:30:00 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	7/25/2016 3:30:00 PM
Naphthalene	ND	2.0		µg/L	1	7/25/2016 3:30:00 PM
1-Methylnaphthalene	ND	4.0		µg/L	1	7/25/2016 3:30:00 PM
2-Methylnaphthalene	ND	4.0		µg/L	1	7/25/2016 3:30:00 PM
Acetone	ND	10		µg/L	1	7/25/2016 3:30:00 PM
Bromobenzene	ND	1.0		µg/L	1	7/25/2016 3:30:00 PM
Bromodichloromethane	ND	1.0		µg/L	1	7/25/2016 3:30:00 PM
Bromoform	ND	1.0		µg/L	1	7/25/2016 3:30:00 PM
Bromomethane	ND	3.0		µg/L	1	7/25/2016 3:30:00 PM
2-Butanone	ND	10		µg/L	1	7/25/2016 3:30:00 PM
Carbon disulfide	ND	10		µg/L	1	7/25/2016 3:30:00 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	7/25/2016 3:30:00 PM
Chlorobenzene	ND	1.0		µg/L	1	7/25/2016 3:30:00 PM
Chloroethane	ND	2.0		µg/L	1	7/25/2016 3:30:00 PM
Chloroform	ND	1.0		µg/L	1	7/25/2016 3:30:00 PM
Chloromethane	ND	3.0		µg/L	1	7/25/2016 3:30:00 PM
2-Chlorotoluene	ND	1.0		µg/L	1	7/25/2016 3:30:00 PM
4-Chlorotoluene	ND	1.0		µg/L	1	7/25/2016 3:30:00 PM
cis-1,2-DCE	ND	1.0		µg/L	1	7/25/2016 3:30:00 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	7/25/2016 3:30:00 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	7/25/2016 3:30:00 PM
Dibromochloromethane	ND	1.0		µg/L	1	7/25/2016 3:30:00 PM
Dibromomethane	ND	1.0		µg/L	1	7/25/2016 3:30:00 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	7/25/2016 3:30:00 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	7/25/2016 3:30:00 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	7/25/2016 3:30:00 PM
Dichlorodifluoromethane	ND	1.0		µg/L	1	7/25/2016 3:30:00 PM
1,1-Dichloroethane	ND	1.0		µg/L	1	7/25/2016 3:30:00 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	7/25/2016 3:30:00 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	7/25/2016 3:30:00 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	7/25/2016 3:30:00 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	7/25/2016 3:30:00 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

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D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Laun-Dry
Lab ID: 1607958-002 **Matrix:** AQUEOUS

Client Sample ID: Cemetery North
Collection Date: 7/19/2016 11:15:00 AM
Received Date: 7/19/2016 11:58:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**
1,1-Dichloropropene	ND	1.0		µg/L	1	7/25/2016 3:30:00 PM
Hexachlorobutadiene	ND	1.0		µg/L	1	7/25/2016 3:30:00 PM
2-Hexanone	ND	10		µg/L	1	7/25/2016 3:30:00 PM
Isopropylbenzene	ND	1.0		µg/L	1	7/25/2016 3:30:00 PM
4-Isopropyltoluene	ND	1.0		µg/L	1	7/25/2016 3:30:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	7/25/2016 3:30:00 PM
Methylene Chloride	ND	3.0		µg/L	1	7/25/2016 3:30:00 PM
n-Butylbenzene	ND	3.0		µg/L	1	7/25/2016 3:30:00 PM
n-Propylbenzene	ND	1.0		µg/L	1	7/25/2016 3:30:00 PM
sec-Butylbenzene	ND	1.0		µg/L	1	7/25/2016 3:30:00 PM
Styrene	ND	1.0		µg/L	1	7/25/2016 3:30:00 PM
tert-Butylbenzene	ND	1.0		µg/L	1	7/25/2016 3:30:00 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	7/25/2016 3:30:00 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	7/25/2016 3:30:00 PM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	7/25/2016 3:30:00 PM
trans-1,2-DCE	ND	1.0		µg/L	1	7/25/2016 3:30:00 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	7/25/2016 3:30:00 PM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	7/25/2016 3:30:00 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	7/25/2016 3:30:00 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	7/25/2016 3:30:00 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	7/25/2016 3:30:00 PM
Trichloroethene (TCE)	2.0	1.0		µg/L	1	7/25/2016 3:30:00 PM
Trichlorofluoromethane	ND	1.0		µg/L	1	7/25/2016 3:30:00 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	7/25/2016 3:30:00 PM
Vinyl chloride	ND	1.0		µg/L	1	7/25/2016 3:30:00 PM
Xylenes, Total	ND	1.5		µg/L	1	7/25/2016 3:30:00 PM
Surr: 1,2-Dichloroethane-d4	86.9	70-130		%Rec	1	7/25/2016 3:30:00 PM
Surr: 4-Bromofluorobenzene	91.4	70-130		%Rec	1	7/25/2016 3:30:00 PM
Surr: Dibromofluoromethane	97.4	70-130		%Rec	1	7/25/2016 3:30:00 PM
Surr: Toluene-d8	102	70-130		%Rec	1	7/25/2016 3:30:00 PM

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **1607958**
29-Jul-16

Client: EA Engineering
Project: Laun-Dry

Sample ID **100ng lcs** SampType: **LCS** TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **LCSW** Batch ID: **R35966** RunNo: **35966**
Prep Date: Analysis Date: **7/25/2016** SeqNo: **1113440** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	18	1.0	20.00	0	88.0	70	130			
Toluene	20	1.0	20.00	0	101	70	130			
Chlorobenzene	21	1.0	20.00	0	105	70	130			
1,1-Dichloroethene	19	1.0	20.00	0	93.5	70	130			
Trichloroethene (TCE)	17	1.0	20.00	0	84.4	70	130			
Surr: 1,2-Dichloroethane-d4	8.1		10.00		81.4	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		99.7	70	130			
Surr: Dibromofluoromethane	9.4		10.00		94.0	70	130			
Surr: Toluene-d8	10		10.00		102	70	130			

Sample ID **vsb deli** SampType: **MBLK** TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW** Batch ID: **R35966** RunNo: **35966**
Prep Date: Analysis Date: **7/25/2016** SeqNo: **1113441** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								
Ethylbenzene	ND	1.0								
Methyl tert-butyl ether (MTBE)	ND	1.0								
1,2,4-Trimethylbenzene	ND	1.0								
1,3,5-Trimethylbenzene	ND	1.0								
1,2-Dichloroethane (EDC)	ND	1.0								
1,2-Dibromoethane (EDB)	ND	1.0								
Naphthalene	ND	2.0								
1-Methylnaphthalene	ND	4.0								
2-Methylnaphthalene	ND	4.0								
Acetone	ND	10								
Bromobenzene	ND	1.0								
Bromodichloromethane	ND	1.0								
Bromoform	ND	1.0								
Bromomethane	ND	3.0								
2-Butanone	ND	10								
Carbon disulfide	ND	10								
Carbon Tetrachloride	ND	1.0								
Chlorobenzene	ND	1.0								
Chloroethane	ND	2.0								
Chloroform	ND	1.0								
Chloromethane	ND	3.0								
2-Chlorotoluene	ND	1.0								

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **1607958**
29-Jul-16

Client: EA Engineering
Project: Laun-Dry

Sample ID **vsb deli**	SampType: **MBLK**	TestCode: **EPA Method 8260B: VOLATILES**			
Client ID: **PBW**	Batch ID: **R35966**	RunNo: **35966**			
Prep Date:	Analysis Date: **7/25/2016**	SeqNo: **1113441**	Units: **µg/L**		

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
4-Chlorotoluene	ND	1.0								
cis-1,2-DCE	ND	1.0								
cis-1,3-Dichloropropene	ND	1.0								
1,2-Dibromo-3-chloropropane	ND	2.0								
Dibromochloromethane	ND	1.0								
Dibromomethane	ND	1.0								
1,2-Dichlorobenzene	ND	1.0								
1,3-Dichlorobenzene	ND	1.0								
1,4-Dichlorobenzene	ND	1.0								
Dichlorodifluoromethane	ND	1.0								
1,1-Dichloroethane	ND	1.0								
1,1-Dichloroethene	ND	1.0								
1,2-Dichloropropane	ND	1.0								
1,3-Dichloropropane	ND	1.0								
2,2-Dichloropropane	ND	2.0								
1,1-Dichloropropene	ND	1.0								
Hexachlorobutadiene	ND	1.0								
2-Hexanone	ND	10								
Isopropylbenzene	ND	1.0								
4-Isopropyltoluene	ND	1.0								
4-Methyl-2-pentanone	ND	10								
Methylene Chloride	ND	3.0								
n-Butylbenzene	ND	3.0								
n-Propylbenzene	ND	1.0								
sec-Butylbenzene	ND	1.0								
Styrene	ND	1.0								
tert-Butylbenzene	ND	1.0								
1,1,1,2-Tetrachloroethane	ND	1.0								
1,1,2,2-Tetrachloroethane	ND	2.0								
Tetrachloroethene (PCE)	ND	1.0								
trans-1,2-DCE	ND	1.0								
trans-1,3-Dichloropropene	ND	1.0								
1,2,3-Trichlorobenzene	ND	1.0								
1,2,4-Trichlorobenzene	ND	1.0								
1,1,1-Trichloroethane	ND	1.0								
1,1,2-Trichloroethane	ND	1.0								
Trichloroethene (TCE)	ND	1.0								
Trichlorofluoromethane	ND	1.0								
1,2,3-Trichloropropane	ND	2.0								

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **1607958**
29-Jul-16

Client: EA Engineering
Project: Laun-Dry

Sample ID **vsb deli** SampType: **MBLK** TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW** Batch ID: **R35966** RunNo: **35966**
Prep Date: Analysis Date: **7/25/2016** SeqNo: **1113441** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Vinyl chloride	ND	1.0								
Xylenes, Total	ND	1.5								
Surr: 1,2-Dichloroethane-d4	8.1		10.00		80.9	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		100	70	130			
Surr: Dibromofluoromethane	9.2		10.00		92.0	70	130			
Surr: Toluene-d8	10		10.00		102	70	130			

Sample ID **1607958-001ams** SampType: **MS** TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **Cemetery South** Batch ID: **R35966** RunNo: **35966**
Prep Date: Analysis Date: **7/25/2016** SeqNo: **1113449** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	18	1.0	20.00	0.1100	90.2	70	130			
Toluene	20	1.0	20.00	0	98.9	70	130			
Chlorobenzene	20	1.0	20.00	0	99.5	70	130			
1,1-Dichloroethene	19	1.0	20.00	0	96.2	70	130			
Trichloroethene (TCE)	55	1.0	20.00	40.57	74.4	70	130			
Surr: 1,2-Dichloroethane-d4	8.4		10.00		83.8	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		100	70	130			
Surr: Dibromofluoromethane	9.4		10.00		93.9	70	130			
Surr: Toluene-d8	10		10.00		99.5	70	130			

Sample ID **1607958-001amsd** SampType: **MSD** TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **Cemetery South** Batch ID: **R35966** RunNo: **35966**
Prep Date: Analysis Date: **7/25/2016** SeqNo: **1113451** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	18	1.0	20.00	0.1100	88.7	70	130	1.69	20	
Toluene	19	1.0	20.00	0	96.4	70	130	2.55	20	
Chlorobenzene	20	1.0	20.00	0	99.9	70	130	0.361	20	
1,1-Dichloroethene	19	1.0	20.00	0	94.2	70	130	2.12	20	
Trichloroethene (TCE)	54	1.0	20.00	40.57	67.6	70	130	2.49	20	S
Surr: 1,2-Dichloroethane-d4	8.5		10.00		85.0	70	130	0	0	
Surr: 4-Bromofluorobenzene	9.3		10.00		92.8	70	130	0	0	
Surr: Dibromofluoromethane	9.5		10.00		95.5	70	130	0	0	
Surr: Toluene-d8	10		10.00		100	70	130	0	0	

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix	W	Sample container temperature is out of limit as specified

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: EA Engineering Alb Work Order Number: 1607958 RcptNo: 1

Received by/date: LM 07/19/16

Logged By: Anne Thorne 7/19/2016 11:58:00 AM Anne Thorne

Completed By: Anne Thorne 7/20/2016 Anne Thorne

Reviewed By: 07/20/16

Chain of Custody

1. Custody seals intact on sample bottles? Yes ☐ No ☐ Not Present ☑
2. Is Chain of Custody complete? Yes ☑ No ☐ Not Present ☐
3. How was the sample delivered? Client

Log In

4. Was an attempt made to cool the samples? Yes ☑ No ☐ NA ☐
5. Were all samples received at a temperature of >0° C to 6.0°C Yes ☐ No ☑ NA ☐
   Samples were collected the same day and chilled.
6. Sample(s) in proper container(s)? Yes ☑ No ☐
7. Sufficient sample volume for indicated test(s)? Yes ☑ No ☐
8. Are samples (except VOA and ONG) properly preserved? Yes ☑ No ☐
9. Was preservative added to bottles? Yes ☐ No ☑ NA ☐
10. VOA vials have zero headspace? Yes ☑ No ☐ No VOA Vials ☐
11. Were any sample containers received broken? Yes ☐ No ☑
12. Does paperwork match bottle labels? Yes ☑ No ☐
    (Note discrepancies on chain of custody)
13. Are matrices correctly identified on Chain of Custody? Yes ☑ No ☐
14. Is it clear what analyses were requested? Yes ☑ No ☐
15. Were all holding times able to be met? Yes ☑ No ☐
    (If no, notify customer for authorization.)

# of preserved bottles checked for pH: _____ (<2 or >12 unless noted)
Adjusted? _____
Checked by: _____

Special Handling (if applicable)

16. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified: _____ Date _____
By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding: _____
Client Instructions: _____

17. Additional remarks:

18. **Cooler Information**

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	17.9	Good				

Chain-of-Custody Record

Client: EA Engineering

Mailing Address: 320 Gold Ave SW #1300

Phone #: 505 224 9013

Email or Fax#: tmcmillan@earesi.com

QA/QC Package:
☒ Standard ☐ Level 4 (Full Validation)

Accreditation
☒ NELAP ☐ Other _____

☐ EDD (Type) _____

Turn-Around Time:
☒ Standard ☐ Rush _____

Project Name: Lava Dry

Project #: 1506901

Project Manager: Teri McMillan

Sampler: Colton Lake

On Ice: ☒ Yes ☐ No

Sample Temperature: 17.9

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 1607958	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / DRO / MRO)	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)					Air Bubbles (Y or N)
-19	1105	Ag	Cemetery South	3x VOA	$HgCl_2$	001										X						
1	1115	1	Cemetery North	1	1	002										1						

Date:	Time:	Relinquished by:	Received by:	Date	Time
19.16	1150			07/19/16	1158
Date:	Time:	Relinquished by:	Received by:	Date	Time

Remarks:

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Scientific Laboratory Division
1101 Camino de Salud, N.E.
Albuquerque, NM 87102
(505) 383-9000

EPA: 141001-2011

LIMS Report #: **360859**

Request Id: 2485239

Submitter: **NMED - Ground Water Quality Bureau**
1190 St. Francis Drive
P.O. Box 5469
Santa Fe, NM 87502

Submitter Code: 418
Collector: JUSTIN BALL
User Code: 55910

CC Recipient(s):

Sample Location: LAUN-DRY MW-5
COC Initiated: No

Sample #: 2016018874
Sample Type: Water, Non-filtered

Date Collected: 7/5/2016 13:20
Date Received: 7/5/2016 16:41
Date Reported: 7/27/2016
Temp at Receipt (deg C): 19.2

Sample Note:

EPA 8260B SW846 Mass Spec VOCs **pH in lab: 2**

CAS#	Analysis Date: 07/12/2016 18:34	Result	Units	SDL	Analyst initials	Data Qualifier
71-43-2	Benzene	**<0.15**	µg/L	0.15	TRS	**U**
108-86-1	Bromobenzene	**<0.15**	µg/L	0.15	TRS	**U**
74-97-5	Bromochloromethane	**<0.19**	µg/L	0.19	TRS	**U**
75-27-4	Bromodichloromethane	**<0.10**	µg/L	0.10	TRS	**U**
75-25-2	Bromoform	**<0.21**	µg/L	0.21	TRS	**U**
74-83-9	Bromomethane	**<6.6**	µg/L	6.6	TRS	**U, D**
104-51-8	n-Butylbenzene	**<0.39**	µg/L	0.39	TRS	**U**
135-98-8	sec-Butylbenzene	**<0.22**	µg/L	0.22	TRS	**U**
98-06-6	tert-Butylbenzene	**<0.20**	µg/L	0.20	TRS	**U**
1634-04-4	tert-Butyl Methyl Ether (MTBE)	**<0.14**	µg/L	0.14	TRS	**U**
56-23-5	Carbon Tetrachloride	**<0.23**	µg/L	0.23	TRS	**U**
108-90-7	Chlorobenzene	**<0.13**	µg/L	0.13	TRS	**U**
75-00-3	Chloroethane	**<2.0**	µg/L	2.0	TRS	**U, D**
67-66-3	Chloroform	**0.16**	µg/L	0.15	TRS	
74-87-3	Chloromethane	**<1.2**	µg/L	1.2	TRS	**U**
95-49-8	2-Chlorotoluene	**<0.18**	µg/L	0.18	TRS	**U**
106-43-4	4-Chlorotoluene	**<0.20**	µg/L	0.20	TRS	**U**
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	**<0.21**	µg/L	0.21	TRS	**U**
124-48-1	Dibromochloromethane	**<0.19**	µg/L	0.19	TRS	**U**
106-93-4	1,2-Dibromoethane (EDB)	**<0.08**	µg/L	0.08	TRS	**U**
74-95-3	Dibromomethane	**<0.13**	µg/L	0.13	TRS	**U**

Final

EPA 8260B SW846 Mass Spec VOCs **pH in lab: 2**

CAS#	Analysis Date: 07/12/2016 18:34	Result	Units	SDL		Analyst initials	Data Qualifier
95-50-1	1,2-Dichlorobenzene	**<0.18**	µg/L	0.18		TRS	**U**
541-73-1	1,3-Dichlorobenzene	**<0.18**	µg/L	0.18		TRS	**U**
106-46-7	1,4-Dichlorobenzene	**<0.21**	µg/L	0.21		TRS	**U**
75-71-8	Dichlorodifluoromethane	**<0.76**	µg/L	0.76		TRS	**U**
75-34-3	1,1-Dichloroethane	**<0.28**	µg/L	0.28		TRS	**U**
107-06-2	1,2-Dichloroethane	**<0.15**	µg/L	0.15		TRS	**U**
75-35-4	1,1-Dichloroethene	**<0.69**	µg/L	0.69		TRS	**U**
156-59-2	cis-1,2-Dichloroethene	**80**	µg/L	0.16		TRS	
156-60-5	trans-1,2-Dichloroethene	**25**	µg/L	0.13		TRS	
78-87-5	1,2-Dichloropropane	**<0.15**	µg/L	0.15		TRS	**U**
142-28-9	1,3-Dichloropropane	**<0.12**	µg/L	0.12		TRS	**U**
594-20-7	2,2-Dichloropropane	**<0.34**	µg/L	0.34		TRS	**U**
563-58-6	1,1-Dichloropropene	**<0.11**	µg/L	0.11		TRS	**U**
10061-01-5	cis-1,3-Dichloropropene	**<0.16**	µg/L	0.16		TRS	**U**
10061-02-6	trans-1,3-Dichloropropene	**<0.20**	µg/L	0.20		TRS	**U**
100-41-4	Ethylbenzene	**<0.13**	µg/L	0.13		TRS	**U**
87-68-3	Hexachlorobutadiene	**<0.30**	µg/L	0.30		TRS	**U**
98-82-8	Isopropylbenzene	**<0.18**	µg/L	0.18		TRS	**U**
99-87-6	4-Isopropyltoluene	**<0.35**	µg/L	0.35		TRS	**U**
75-09-2	Methylene Chloride	**<0.13**	µg/L	0.13		TRS	**B, U**
91-20-3	Naphthalene	**<0.38**	µg/L	0.38		TRS	**U**
98-95-3	Nitrobenzene	**<11**	µg/L	11		TRS	**U**
103-65-1	Propylbenzene	**<0.23**	µg/L	0.23		TRS	**U**
100-42-5	Styrene	**<0.26**	µg/L	0.26		TRS	**U**
630-20-6	1,1,1,2-Tetrachloroethane	**<0.13**	µg/L	0.13		TRS	**U**
79-34-5	1,1,2,2-Tetrachloroethane	**<0.15**	µg/L	0.15		TRS	**U**
127-18-4	Tetrachloroethene	**69**	µg/L	0.27		TRS	
108-88-3	Toluene	**<0.18**	µg/L	0.18		TRS	**U**
87-61-6	1,2,3-Trichlorobenzene	**<0.43**	µg/L	0.43		TRS	**U**
120-82-1	1,2,4-Trichlorobenzene	**<0.42**	µg/L	0.42		TRS	**U**
71-55-6	1,1,1-Trichloroethane	**<0.09**	µg/L	0.09		TRS	**U**
79-00-5	1,1,2-Trichloroethane	**<0.10**	µg/L	0.10		TRS	**U**
79-01-6	Trichloroethene	**1100**	µg/L	0.15		TRS	
75-69-4	Trichlorofluoromethane	**<0.20**	µg/L	0.20		TRS	**U**
96-18-4	1,2,3-Trichloropropane	**<0.19**	µg/L	0.19		TRS	**U**
95-63-6	1,2,4-Trimethylbenzene	**<0.36**	µg/L	0.36		TRS	**U**
108-67-8	1,3,5-Trimethylbenzene	**<0.21**	µg/L	0.21		TRS	**U**
75-01-4	Vinyl Chloride	**<0.70**	µg/L	0.70		TRS	**U**
95-47-6	ortho-Xylene	**<0.19**	µg/L	0.19		TRS	**U**
108-38-3 & 106-42-3	para- & meta-Xylenes	**<0.34**	µg/L	0.34		TRS	**U**
	Total Xylenes	**<0.19**	µg/L	0.19			**U**
	Total Trihalomethanes	**0.16**	µg/L	0.10			
					% Recovery		QC range %
	Dibromofluoromethane (Surrogate)	**10.0**	µg/L		100.0	TRS	80 - 120
					% Recovery		QC range %
	1,2-Dichloroethane-d4 (Surrogate)	**10.0**	µg/L		100.5	TRS	80 - 120

Final

EPA 8260B SW846 Mass Spec VOCs **pH in lab: 2**

CAS#	Analysis Date: 07/12/2016 18:34	Result	Units	SDL	Analyst initials	Data Qualifier
	Toluene-d8 (Surrogate)	**10.4**	µg/L	% Recovery 103.5	TRS	QC range % 80 - 120
	4-Bromofluorobenzene (Surrogate)	**10.2**	µg/L	% Recovery 102.4	TRS	QC range % 80 - 120

Note: **Data Review: M. Trujillo**

Definitions

MRL - Minimum Reporting Limit (lowest concentration that can be reported).

MDL - Method Detection Limit (lowest concentration that is differentiated from zero with 99% confidence)..

MCL - USEPA Maximum Contamination Level for SDWA regulated analytes and parameters.

SDL - Sample Detection Limit (Dilution Factor x MDL (organics) or Dilution Factor x MRL (inorganics)).

Units

mg/L - milligrams of analyte in a liter of water.

µg/L - micrograms of analyte in a liter of water.

mg/kg - milligrams of analyte in a kilogram of soil, sediment, or solid.

µg/kg - micrograms of analyte in a kilogram of soil, sediment, or solid.

ppbv - parts per billion by volume air.

Data Qualifier Codes

A - See note/comments.

B - Analyte was detected in the laboratory blank.

C - Spike recovery is within method acceptance limits.

D - Spike recovery is not within method acceptance limits.

E - Analyte value exceeded calibration range.

F - Sample matrix interference suspected.

H - Sample was analyzed in duplicate.

I - Sample was analyzed in triplicate.

J - The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

K - Holding time was exceeded at laboratory.

L - Regulated parameter value equals or exceeds the EPA SDWA Maximum Contamination Level.

M - Regulated parameter value equals or exceeds the EPA SDWA Action Level.

N - Insufficient sample to verify results.

O - Method internal standard(s) not within method acceptance limits when analyzed undiluted.

P - Sample rejected/voided at laboratory.

Q - Sample submitted to laboratory past holding time.

S - Relative percent difference between duplicates greater than 10% (waters).

T - Relative percent difference between duplicates greater than 30% (soils).

U - Analyte was not detected in this sample above the method's sample detection limit.

Scientific Laboratory Division
1101 Camino de Salud, N.E.
Albuquerque, NM 87102
(505) 383-9000

EPA: 141001-2011

LIMS Report #: **360860**

Request Id: 2485256

Submitter: **NMED - Ground Water Quality Bureau**
1190 St. Francis Drive
P.O. Box 5469
Santa Fe, NM 87502

Submitter Code: 418
Collector: JUSTIN BALL
User Code: 55910

CC Recipient(s):

Sample Location: LAUN-DRY MW-17
COC Initiated: No

Sample #: 2016018875
Sample Type: Water, Non-filtered

Date Collected: 7/5/2016 12:35
Date Received: 7/5/2016 16:41
Date Reported: 7/27/2016
Temp at Receipt (deg C): 13.2

Sample Note:

EPA 8260B SW846 Mass Spec VOCs **pH in lab: 2**

CAS#	Analysis Date: 07/12/2016 19:56	Result	Units	SDL	Analyst initials	Data Qualifier
71-43-2	Benzene	**<0.15**	µg/L	0.15	TRS	**U**
108-86-1	Bromobenzene	**<0.15**	µg/L	0.15	TRS	**U**
74-97-5	Bromochloromethane	**<0.19**	µg/L	0.19	TRS	**U**
75-27-4	Bromodichloromethane	**<0.10**	µg/L	0.10	TRS	**U**
75-25-2	Bromoform	**<0.21**	µg/L	0.21	TRS	**U**
74-83-9	Bromomethane	**<6.6**	µg/L	6.6	TRS	**U, D**
104-51-8	n-Butylbenzene	**<0.39**	µg/L	0.39	TRS	**U**
135-98-8	sec-Butylbenzene	**<0.22**	µg/L	0.22	TRS	**U**
98-06-6	tert-Butylbenzene	**<0.20**	µg/L	0.20	TRS	**U**
1634-04-4	tert-Butyl Methyl Ether (MTBE)	**<0.14**	µg/L	0.14	TRS	**U**
56-23-5	Carbon Tetrachloride	**<0.23**	µg/L	0.23	TRS	**U**
108-90-7	Chlorobenzene	**<0.13**	µg/L	0.13	TRS	**U**
75-00-3	Chloroethane	**<2.0**	µg/L	2.0	TRS	**U, D**
67-66-3	Chloroform	**0.25**	µg/L	0.15	TRS	
74-87-3	Chloromethane	**<1.2**	µg/L	1.2	TRS	**U**
95-49-8	2-Chlorotoluene	**<0.18**	µg/L	0.18	TRS	**U**
106-43-4	4-Chlorotoluene	**<0.20**	µg/L	0.20	TRS	**U**
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	**<0.21**	µg/L	0.21	TRS	**U**
124-48-1	Dibromochloromethane	**<0.19**	µg/L	0.19	TRS	**U**
106-93-4	1,2-Dibromoethane (EDB)	**<0.08**	µg/L	0.08	TRS	**U**
74-95-3	Dibromomethane	**<0.13**	µg/L	0.13	TRS	**U**

Final

EPA 8260B SW846 Mass Spec VOCs **pH in lab: 2**

CAS#	Analysis Date: 07/12/2016 19:56	Result	Units	SDL		Analyst initials	Data Qualifier
95-50-1	1,2-Dichlorobenzene	**<0.18**	µg/L	0.18		TRS	**U**
541-73-1	1,3-Dichlorobenzene	**<0.18**	µg/L	0.18		TRS	**U**
106-46-7	1,4-Dichlorobenzene	**<0.21**	µg/L	0.21		TRS	**U**
75-71-8	Dichlorodifluoromethane	**<0.76**	µg/L	0.76		TRS	**U**
75-34-3	1,1-Dichloroethane	**<0.28**	µg/L	0.28		TRS	**U**
107-06-2	1,2-Dichloroethane	**<0.15**	µg/L	0.15		TRS	**U**
75-35-4	1,1-Dichloroethene	**<0.69**	µg/L	0.69		TRS	**U**
156-59-2	cis-1,2-Dichloroethene	**45**	µg/L	0.16		TRS	
156-60-5	trans-1,2-Dichloroethene	**40**	µg/L	0.13		TRS	
78-87-5	1,2-Dichloropropane	**<0.15**	µg/L	0.15		TRS	**U**
142-28-9	1,3-Dichloropropane	**<0.12**	µg/L	0.12		TRS	**U**
594-20-7	2,2-Dichloropropane	**<0.34**	µg/L	0.34		TRS	**U**
563-58-6	1,1-Dichloropropene	**<0.11**	µg/L	0.11		TRS	**U**
10061-01-5	cis-1,3-Dichloropropene	**<0.16**	µg/L	0.16		TRS	**U**
10061-02-6	trans-1,3-Dichloropropene	**<0.20**	µg/L	0.20		TRS	**U**
100-41-4	Ethylbenzene	**<0.13**	µg/L	0.13		TRS	**U**
87-68-3	Hexachlorobutadiene	**<0.30**	µg/L	0.30		TRS	**U**
98-82-8	Isopropylbenzene	**<0.18**	µg/L	0.18		TRS	**U**
99-87-6	4-Isopropyltoluene	**<0.35**	µg/L	0.35		TRS	**U**
75-09-2	Methylene Chloride	**<0.13**	µg/L	0.13		TRS	**B, U**
91-20-3	Naphthalene	**<0.38**	µg/L	0.38		TRS	**U**
98-95-3	Nitrobenzene	**<11**	µg/L	11		TRS	**U**
103-65-1	Propylbenzene	**<0.23**	µg/L	0.23		TRS	**U**
100-42-5	Styrene	**<0.26**	µg/L	0.26		TRS	**U**
630-20-6	1,1,1,2-Tetrachloroethane	**<0.13**	µg/L	0.13		TRS	**U**
79-34-5	1,1,2,2-Tetrachloroethane	**<0.15**	µg/L	0.15		TRS	**U**
127-18-4	Tetrachloroethene	**2.9**	µg/L	0.27		TRS	
108-88-3	Toluene	**<0.18**	µg/L	0.18		TRS	**U**
87-61-6	1,2,3-Trichlorobenzene	**<0.43**	µg/L	0.43		TRS	**U**
120-82-1	1,2,4-Trichlorobenzene	**<0.42**	µg/L	0.42		TRS	**U**
71-55-6	1,1,1-Trichloroethane	**<0.09**	µg/L	0.09		TRS	**U**
79-00-5	1,1,2-Trichloroethane	**<0.10**	µg/L	0.10		TRS	**U**
79-01-6	Trichloroethene	**220**	µg/L	0.15		TRS	
75-69-4	Trichlorofluoromethane	**<0.20**	µg/L	0.20		TRS	**U**
96-18-4	1,2,3-Trichloropropane	**<0.19**	µg/L	0.19		TRS	**U**
95-63-6	1,2,4-Trimethylbenzene	**<0.36**	µg/L	0.36		TRS	**U**
108-67-8	1,3,5-Trimethylbenzene	**<0.21**	µg/L	0.21		TRS	**U**
75-01-4	Vinyl Chloride	**<0.70**	µg/L	0.70		TRS	**U**
95-47-6	ortho-Xylene	**<0.19**	µg/L	0.19		TRS	**U**
108-38-3 & 106-42-3	para- & meta-Xylenes	**<0.34**	µg/L	0.34		TRS	**U**
	Total Xylenes	**<0.19**	µg/L	0.19			**U**
	Total Trihalomethanes	**0.25**	µg/L	0.10			
					% Recovery		QC range %
	Dibromofluoromethane (Surrogate)	**9.6**	µg/L		96.2	TRS	80 - 120
					% Recovery		QC range %
	1,2-Dichloroethane-d4 (Surrogate)	**10.2**	µg/L		102.4	TRS	80 - 120

Final

EPA 8260B SW846 Mass Spec VOCs **pH in lab: 2**

CAS#	Analysis Date: 07/12/2016 19:56	Result	Units	SDL		Analyst initials	Data Qualifier
	Toluene-d8 (Surrogate)	**10.0**	µg/L		% Recovery 100.3	TRS	QC range % 80 - 120
	4-Bromofluorobenzene (Surrogate)	**10.2**	µg/L		% Recovery 101.9	TRS	QC range % 80 - 120

Note: **Data Review: M. Trujillo**

Definitions

MRL - Minimum Reporting Limit (lowest concentration that can be reported).

MDL - Method Detection Limit (lowest concentration that is differentiated from zero with 99% confidence)..

MCL - USEPA Maximum Contamination Level for SDWA regulated analytes and parameters.

SDL - Sample Detection Limit (Dilution Factor x MDL (organics) or Dilution Factor x MRL (inorganics)).

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µg/L - micrograms of analyte in a liter of water.

mg/kg - milligrams of analyte in a kilogram of soil, sediment, or solid.

µg/kg - micrograms of analyte in a kilogram of soil, sediment, or solid.

ppbv - parts per billion by volume air.

Data Qualifier Codes

A - See note/comments.

B - Analyte was detected in the laboratory blank.

C - Spike recovery is within method acceptance limits.

D - Spike recovery is not within method acceptance limits.

E - Analyte value exceeded calibration range.

F - Sample matrix interference suspected.

H - Sample was analyzed in duplicate.

I - Sample was analyzed in triplicate.

J - The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

K - Holding time was exceeded at laboratory.

L - Regulated parameter value equals or exceeds the EPA SDWA Maximum Contamination Level.

M - Regulated parameter value equals or exceeds the EPA SDWA Action Level.

N - Insufficient sample to verify results.

O - Method internal standard(s) not within method acceptance limits when analyzed undiluted.

P - Sample rejected/voided at laboratory.

Q - Sample submitted to laboratory past holding time.

S - Relative percent difference between duplicates greater than 10% (waters).

T - Relative percent difference between duplicates greater than 30% (soils).

U - Analyte was not detected in this sample above the method's sample detection limit.

Scientific Laboratory Division
1101 Camino de Salud, N.E.
Albuquerque, NM 87102
(505) 383-9000

EPA: 141001-2011

LIMS Report #: **360861**

Request Id: 2486333

Submitter: **NMED - Ground Water Quality Bureau**
1190 St. Francis Drive
P.O. Box 5469
Santa Fe, NM 87502

Submitter Code: 418
Collector: JUSTIN BALL
User Code: 55910

CC Recipient(s):

Sample Location: LAUN-DRY OB-3
COC Initiated: No

Sample #: 2016018876
Sample Type: Water, Non-filtered

Date Collected: 7/5/2016 11:40
Date Received: 7/5/2016 16:41
Date Reported: 7/27/2016
Temp at Receipt (deg C): 9.6

Sample Note:

EPA 8260B SW846 Mass Spec VOCs **pH in lab: 2**

CAS#	Analysis Date: 07/12/2016 20:36	Result	Units	SDL	Analyst initials	Data Qualifier
71-43-2	Benzene	**<0.15**	µg/L	0.15	TRS	**U**
108-86-1	Bromobenzene	**<0.15**	µg/L	0.15	TRS	**U**
74-97-5	Bromochloromethane	**<0.19**	µg/L	0.19	TRS	**U**
75-27-4	Bromodichloromethane	**<0.10**	µg/L	0.10	TRS	**U**
75-25-2	Bromoform	**<0.21**	µg/L	0.21	TRS	**U**
74-83-9	Bromomethane	**<6.6**	µg/L	6.6	TRS	**U, D**
104-51-8	n-Butylbenzene	**<0.39**	µg/L	0.39	TRS	**U**
135-98-8	sec-Butylbenzene	**<0.22**	µg/L	0.22	TRS	**U**
98-06-6	tert-Butylbenzene	**<0.20**	µg/L	0.20	TRS	**U**
1634-04-4	tert-Butyl Methyl Ether (MTBE)	**<0.14**	µg/L	0.14	TRS	**U**
56-23-5	Carbon Tetrachloride	**<0.23**	µg/L	0.23	TRS	**U**
108-90-7	Chlorobenzene	**<0.13**	µg/L	0.13	TRS	**U**
75-00-3	Chloroethane	**<2.0**	µg/L	2.0	TRS	**U, D**
67-66-3	Chloroform	**<0.15**	µg/L	0.15	TRS	**U**
74-87-3	Chloromethane	**<1.2**	µg/L	1.2	TRS	**U**
95-49-8	2-Chlorotoluene	**<0.18**	µg/L	0.18	TRS	**U**
106-43-4	4-Chlorotoluene	**<0.20**	µg/L	0.20	TRS	**U**
96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	**<0.21**	µg/L	0.21	TRS	**U**
124-48-1	Dibromochloromethane	**<0.19**	µg/L	0.19	TRS	**U**
106-93-4	1,2-Dibromoethane (EDB)	**<0.08**	µg/L	0.08	TRS	**U**
74-95-3	Dibromomethane	**<0.13**	µg/L	0.13	TRS	**U**

Final

EPA 8260B SW846 Mass Spec VOCs **pH in lab: 2**

CAS#	Analysis Date: 07/12/2016 20:36	Result	Units	SDL		Analyst initials	Data Qualifier
95-50-1	1,2-Dichlorobenzene	**<0.18**	µg/L	0.18		TRS	**U**
541-73-1	1,3-Dichlorobenzene	**<0.18**	µg/L	0.18		TRS	**U**
106-46-7	1,4-Dichlorobenzene	**<0.21**	µg/L	0.21		TRS	**U**
75-71-8	Dichlorodifluoromethane	**<0.76**	µg/L	0.76		TRS	**U**
75-34-3	1,1-Dichloroethane	**<0.28**	µg/L	0.28		TRS	**U**
107-06-2	1,2-Dichloroethane	**<0.15**	µg/L	0.15		TRS	**U**
75-35-4	1,1-Dichloroethene	**<0.69**	µg/L	0.69		TRS	**U**
156-59-2	cis-1,2-Dichloroethene	**68**	µg/L	0.16		TRS	
156-60-5	trans-1,2-Dichloroethene	**22**	µg/L	0.13		TRS	
78-87-5	1,2-Dichloropropane	**<0.15**	µg/L	0.15		TRS	**U**
142-28-9	1,3-Dichloropropane	**<0.12**	µg/L	0.12		TRS	**U**
594-20-7	2,2-Dichloropropane	**<0.34**	µg/L	0.34		TRS	**U**
563-58-6	1,1-Dichloropropene	**<0.11**	µg/L	0.11		TRS	**U**
10061-01-5	cis-1,3-Dichloropropene	**<0.16**	µg/L	0.16		TRS	**U**
10061-02-6	trans-1,3-Dichloropropene	**<0.20**	µg/L	0.20		TRS	**U**
100-41-4	Ethylbenzene	**<0.13**	µg/L	0.13		TRS	**U**
87-68-3	Hexachlorobutadiene	**<0.30**	µg/L	0.30		TRS	**U**
98-82-8	Isopropylbenzene	**<0.18**	µg/L	0.18		TRS	**U**
99-87-6	4-Isopropyltoluene	**<0.35**	µg/L	0.35		TRS	**U**
75-09-2	Methylene Chloride	**<0.13**	µg/L	0.13		TRS	**B, U**
91-20-3	Naphthalene	**<0.38**	µg/L	0.38		TRS	**U**
98-95-3	Nitrobenzene	**<11**	µg/L	11		TRS	**U**
103-65-1	Propylbenzene	**<0.23**	µg/L	0.23		TRS	**U**
100-42-5	Styrene	**<0.26**	µg/L	0.26		TRS	**U**
630-20-6	1,1,1,2-Tetrachloroethane	**<0.13**	µg/L	0.13		TRS	**U**
79-34-5	1,1,2,2-Tetrachloroethane	**<0.15**	µg/L	0.15		TRS	**U**
127-18-4	Tetrachloroethene	**<0.27**	µg/L	0.27		TRS	**U**
108-88-3	Toluene	**<0.18**	µg/L	0.18		TRS	**U**
87-61-6	1,2,3-Trichlorobenzene	**<0.43**	µg/L	0.43		TRS	**U**
120-82-1	1,2,4-Trichlorobenzene	**<0.42**	µg/L	0.42		TRS	**U**
71-55-6	1,1,1-Trichloroethane	**<0.09**	µg/L	0.09		TRS	**U**
79-00-5	1,1,2-Trichloroethane	**<0.10**	µg/L	0.10		TRS	**U**
79-01-6	Trichloroethene	**110**	µg/L	0.15		TRS	
75-69-4	Trichlorofluoromethane	**<0.20**	µg/L	0.20		TRS	**U**
96-18-4	1,2,3-Trichloropropane	**<0.19**	µg/L	0.19		TRS	**U**
95-63-6	1,2,4-Trimethylbenzene	**<0.36**	µg/L	0.36		TRS	**U**
108-67-8	1,3,5-Trimethylbenzene	**<0.21**	µg/L	0.21		TRS	**U**
75-01-4	Vinyl Chloride	**<0.70**	µg/L	0.70		TRS	**U**
95-47-6	ortho-Xylene	**<0.19**	µg/L	0.19		TRS	**U**
108-38-3 & 106-42-3	para- & meta-Xylenes	**<0.34**	µg/L	0.34		TRS	**U**
	Total Xylenes	**<0.19**	µg/L	0.19			**U**
	Total Trihalomethanes	**<0.10**	µg/L	0.10			**U**
					% Recovery		QC range %
	Dibromofluoromethane (Surrogate)	**9.8**	µg/L		97.5	TRS	80 - 120
					% Recovery		QC range %
	1,2-Dichloroethane-d4 (Surrogate)	**10.0**	µg/L		100.3	TRS	80 - 120

Final

EPA 8260B SW846 Mass Spec VOCs **pH in lab: 2**

CAS#	Analysis Date: 07/12/2016 20:36	Result	Units	SDL		Analyst initials	Data Qualifier
					% Recovery		QC range %
	Toluene-d8 (Surrogate)	**10.2**	µg/L		102.4	TRS	80 - 120
					% Recovery		QC range %
	4-Bromofluorobenzene (Surrogate)	**10.0**	µg/L		99.6	TRS	80 - 120

Note: **Data Review: M. Trujillo**

Definitions

MRL - Minimum Reporting Limit (lowest concentration that can be reported).

MDL - Method Detection Limit (lowest concentration that is differentiated from zero with 99% confidence)..

MCL - USEPA Maximum Contamination Level for SDWA regulated analytes and parameters.

SDL - Sample Detection Limit (Dilution Factor x MDL (organics) or Dilution Factor x MRL (inorganics)).

Units

mg/L - milligrams of analyte in a liter of water.

µg/L - micrograms of analyte in a liter of water.

mg/kg - milligrams of analyte in a kilogram of soil, sediment, or solid.

µg/kg - micrograms of analyte in a kilogram of soil, sediment, or solid.

ppbv - parts per billion by volume air.

Data Qualifier Codes

A - See note/comments.

B - Analyte was detected in the laboratory blank.

C - Spike recovery is within method acceptance limits.

D - Spike recovery is not within method acceptance limits.

E - Analyte value exceeded calibration range.

F - Sample matrix interference suspected.

H - Sample was analyzed in duplicate.

I - Sample was analyzed in triplicate.

J - The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

K - Holding time was exceeded at laboratory.

L - Regulated parameter value equals or exceeds the EPA SDWA Maximum Contamination Level.

M - Regulated parameter value equals or exceeds the EPA SDWA Action Level.

N - Insufficient sample to verify results.

O - Method internal standard(s) not within method acceptance limits when analyzed undiluted.

P - Sample rejected/voided at laboratory.

Q - Sample submitted to laboratory past holding time.

S - Relative percent difference between duplicates greater than 10% (waters).

T - Relative percent difference between duplicates greater than 30% (soils).

U - Analyte was not detected in this sample above the method's sample detection limit.

APPENDIX E
SVE SYSTEM FIELD FORMS

Laun-Day 1-25-16

1147- turned on SVE System. SVE-2 & SVE-3 legs are closed.

LAUN-DRY FIELD DATA COLLECTION FORM

Date: 2-3-16 **Personnel:** DWestl

SVE Chemical Data:

Sample ID	Lab Sample Collected (Y/N):	PID:	Time:	Notes:
Effluent	N			
SVE-1		3.7	10:43	
SVE-2		off	—	
SVE-3		off	—	
MW-6B		~~0.74~~	10:40	
SVE Influent		3.7		

SVE Physical Data: 1.5 10:46

Sample ID	Flowrate (scfm):	Well Head Pressure (IWC):	Notes:
SVE Effluent:	NA		
SVE-1	40	-27.2	
SVE-2	off	—	
SVE-3	off	—	
MW-6B	48	20.8	
SVE Influent	~~92.1~~	92.1	

Blower Oil Changed (Y/N): Volume & Type:

Blower Greased (Y/N):

Knock Out Drained (Y/N):

Storage Tank Volume (Gal):

Notes: well SVE-2 leg filled with water above the ball valve and froze & broke at elbow. SVE-3 filled & froze, but did not see a break. Could not empty knock out pots due to external drain plumbing frozen.

Laun-Dry 2-9-16

1130- Arrive at site to inventory parts needed for SVE repair legs ~~MW-2~~ SVE-2 & SVE-3.

1145- off site to get parts.

1230- back to fix SVE

1300- SVE fixed and turned on. Set ~~MW~~ SVE-2 & 3 to ~ 25 scfm to keep them from filling with water again SVE-1 & MW-6R are 35 & 40 scfm, respectively. Also drained Knock-out pots prior to restart.

LAUN-DRY FIELD DATA COLLECTION FORM

Date: 3-4-16 **Personnel:** DWest

SVE Chemical Data:

Sample ID	Lab Sample Collected (Y/N):	PID:	Time:	Notes:
Effluent				
SVE-1		6.5	1300	
SVE-2		0.0	1258	
SVE-3		5.5	1304	
MW-6B		6.3	1302	
SVE Influent	Y	5.1	1308	Sample time: 1310

SVE Physical Data:

Sample ID	Flowrate (scfm):	Well Head Pressure (IWC):	Notes:
SVE Effluent:	NA		
SVE-1	30	-20.9	
SVE-2	22	-15.0	
SVE-3	24	-4.9	
MW-6B	33	-14.8	
SVE Influent	109	-62.5	

Blower Oil Changed (Y/N): Volume & Type:

Blower Greased (Y/N):

Knock Out Drained (Y/N): increased tank level by ~5 inches

Storage Tank Volume (Gal): 2/3 full

Notes:

LAUN-DRY FIELD DATA COLLECTION FORM

Date: 3-18-26 **Personnel:** [illegible]

SVE Chemical Data:

Sample ID	Lab Sample Collected (Y/N):	PID:	Time:	Notes:
Effluent				
SVE-1	N	3.7	0833	
SVE-2		0.6	0832	
SVE-3		3.1	0836	
MW-6B		3.9	0835	
SVE Influent		1.4	0838	

SVE Physical Data:

Sample ID	Flowrate (scfm):	Well Head Pressure (IWC):	Notes:
SVE Effluent:	NA		
SVE-1	31	-22.9	
SVE-2	23	-13.8	
SVE-3	25	-4.9	
MW-6B	40	-15.2	
SVE Influent	119	-65.3	

Blower Oil Changed (Y/N): Volume & Type:

Blower Greased (Y/N):

Knock Out Drained (Y/N): tank level rose ~ 2 inches

Storage Tank Volume (Gal):

Notes:

LAUN-DRY FIELD DATA COLLECTION FORM

Date: 4/4/16 **Personnel:** T. Curley

SVE Chemical Data:

Sample ID	Lab Sample Collected (Y/N):	PID:	Time:	Notes:
Effluent	No	3.4	1025	
SVE-1		4.9	1016	
SVE-2		1.0	1013	
SVE-3		3.8	1019	
MW-6B		5.3	1021	
SVE Influent		2.8	1025	

SVE Physical Data:

Sample ID	Flowrate (scfm):	Well Head Pressure (IWC):	Notes:
SVE Effluent:	NA	NM	
SVE-1	32		
SVE-2	23		
SVE-3	25		
MW-6B	38		
SVE Influent			

Blower Oil Changed (Y/N): Volume & Type: NA

Blower Greased (Y/N):

Knock Out Drained (Y/N):

Storage Tank Volume (Gal):

Notes:

LAUN-DRY FIELD DATA COLLECTION FORM

Date: 4/19/16 **Personnel:** Lake

SVE Chemical Data:

Sample ID	Lab Sample Collected (Y/N):	PID:	Time:	Notes:
Effluent	—	1.8	1125	
SVE-1	—	5.0	1110	
SVE-2	—	3.6	1107	
SVE-3	—	5.0	1112	
MW-6B	—	6.0	1115	
SVE Influent	—	2.3	1120	

SVE Physical Data:

Sample ID	Flowrate (scfm):	Well Head Pressure (IWC):	Notes:
SVE Effluent:	NA	1.2	
SVE-1	34	-22.8	
SVE-2	25	-14.0	
SVE-3	27	-5.3	
MW-6B	42	-14.9	
SVE Influent	1 in Hg	-64.4	

Blower Oil Changed (Y/N): Volume & Type:

Blower Greased (Y/N):

Knock Out Drained (Y/N):

Storage Tank Volume (Gal): ~220

Notes:

LAUN-DRY FIELD DATA COLLECTION FORM

Date: 4/29/16 **Personnel:** Lake

SVE Chemical Data:

Sample ID	Lab Sample Collected (Y/N):	PID:	Time:	Notes:
Effluent	—	3.7	0916	
SVE-1	—	3.5	0907	
SVE-2	—	2.4	0905	
SVE-3	—	5.3	0911	spiked to 18.1 when first opened settled @ 5.3
MW-6B	—	4.9	0909	
SVE Influent	—	1.9	0914	

SVE Physical Data:

Sample ID	Flowrate (scfm):	Well Head Pressure (IWC):	Notes:
SVE Effluent:	NA	1.4	
SVE-1	35	-22.3	
SVE-2	25	-14.4	
SVE-3	26	-5.5	
MW-6B	43	-14.8	
SVE Influent	129	-66.0	

Blower Oil Changed (Y/N): Volume & Type: NA

Blower Greased (Y/N):

Knock Out Drained (Y/N):

Storage Tank Volume (Gal): ~ 220

Notes:

LAUN-DRY FIELD DATA COLLECTION FORM

Date: 5/13/16 **Personnel:** Lake

SVE Chemical Data:

Sample ID	Lab Sample Collected (Y/N):	PID:	Time:	Notes:
Effluent	NA	3.6	1042	
SVE-1		3.4	1033	
SVE-2		2.6	1030	
SVE-3		5.0	1038	
MW-6B		4.9	1035	
SVE Influent		1.7	1040	

SVE Physical Data:

Sample ID	Flowrate (scfm):	Well Head Pressure (IWC):	Notes:
SVE Effluent:	NA	1.1	
SVE-1	32	-19.6	
SVE-2	24	-12.9	
SVE-3	18	-4.9	
MW-6B	42	-12.7	
SVE Influent	116	-62.2	

Blower Oil Changed (Y/N): Volume & Type:

Blower Greased (Y/N):

Knock Out Drained (Y/N):

Storage Tank Volume (Gal): ~230

Notes:

2 1 6B 3

LAUN-DRY FIELD DATA COLLECTION FORM

Date: 5-27-16 **Personnel:** DWerth

SVE Chemical Data:

Sample ID	Lab Sample Collected (Y/N):	PID:	Time:	Notes:
Effluent	N	—	—	
SVE-1		3.3	0952	
SVE-2		0.1	0954	
SVE-3		1.1	0956	
MW-6B		3.0	0958	
SVE Influent		1.1	1007	

SVE Physical Data:

Sample ID	Flowrate (scfm):	Well Head Pressure (IWC):	Notes:
SVE Effluent:	NA	—	
SVE-1	32	-18.1	
SVE-2	24	-9.8	
SVE-3	22	-3.7	
MW-6B	45	-11.7	
SVE Influent	123	-61.2	

Blower Oil Changed (Y/N): Volume & Type:

Blower Greased (Y/N):

Knock Out Drained (Y/N): no water in tanks

Storage Tank Volume (Gal): less than half full

Notes:

LAUN-DRY FIELD DATA COLLECTION FORM

Date: 6/6/16 **Personnel:** Lake & Curley

SVE Chemical Data:

Sample ID	Lab Sample Collected (Y/N):	PID:	Time:	Notes:
Effluent		4.0	0908	
SVE-1		5.5	0900	
SVE-2		0.0	0858	
SVE-3		2.9	0903	
MW-6B		4.7	0905	
SVE Influent		3.8	0907	

SVE Physical Data:

Sample ID	Flowrate (scfm):	Well Head Pressure (IWC):	Notes:
SVE Effluent:	NA	1.0	
SVE-1	32	-18.7	
SVE-2	22	-16.7	
SVE-3	18	-4.1	
MW-6B	45	-12.0	
SVE Influent		-61.9	

Blower Oil Changed (Y/N): Y Volume & Type: Synthetic PD Blower 3/4 qt

Blower Greased (Y/N): Y

Knock Out Drained (Y/N): Y

Storage Tank Volume (Gal): ~220

Notes:

LAUN-DRY FIELD DATA COLLECTION FORM

Date: 7-1-16 **Personnel:** Lake

SVE Chemical Data:

Sample ID	Lab Sample Collected (Y/N):	PID:	Time:	Notes:
Effluent		3.8	0907	
SVE-1		5.2	0902	
SVE-2		0.4	0900	
SVE-3		3.0	0904	
MW-6B		4.6	0906	
SVE Influent	yes 0915	3.6	0909	

SVE Physical Data:

Sample ID	Flowrate (scfm):	Well Head Pressure (IWC):	Notes:
SVE Effluent:	NA	0.9	
SVE-1	32	-18.2	
SVE-2	23	-10.5	
SVE-3	~~55~~ 18	-4.3	
MW-6B	55	-12.4	
SVE Influent		-61.8	

Blower Oil Changed (Y/N): Volume & Type:

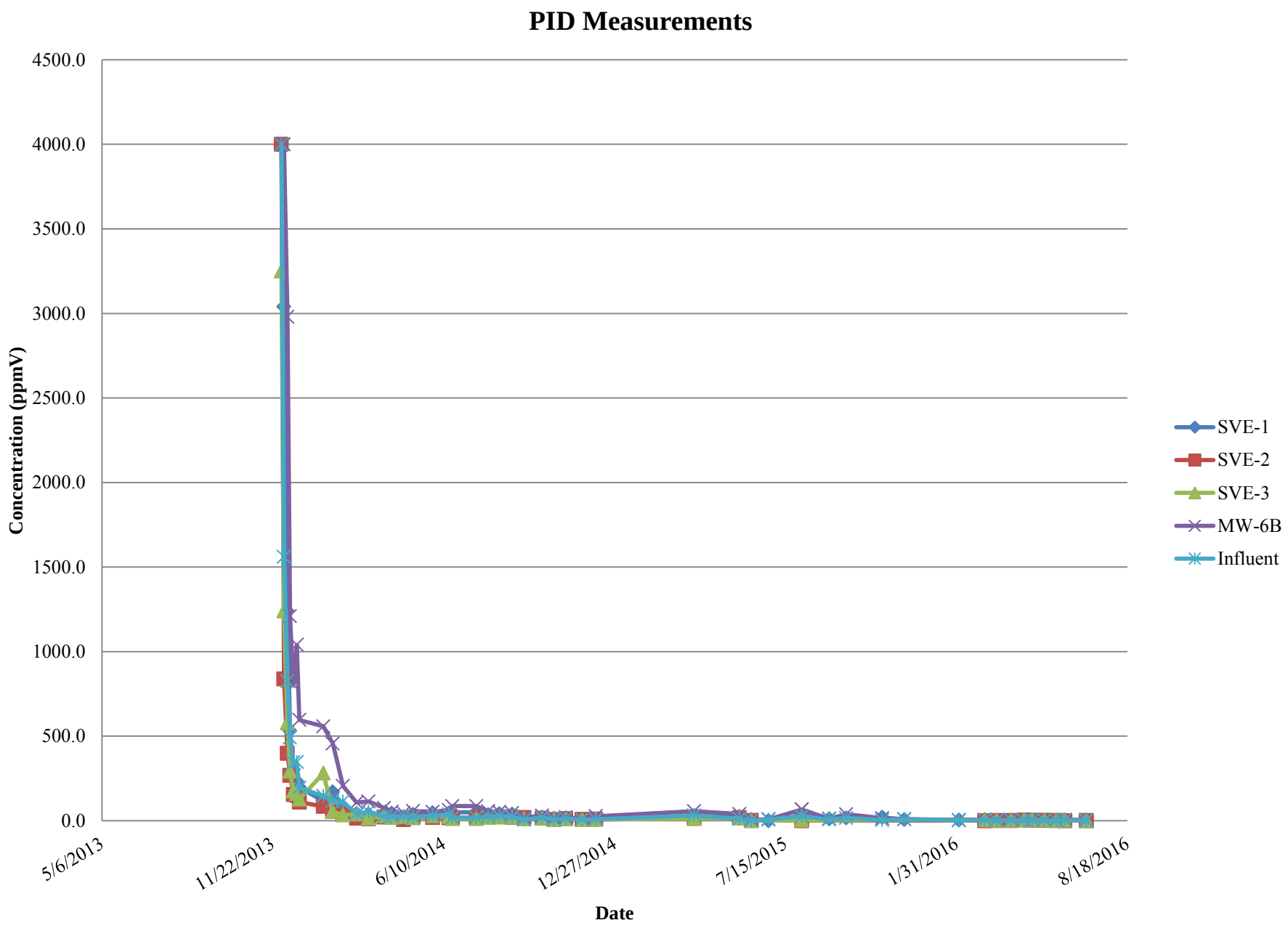
Blower Greased (Y/N):

Knock Out Drained (Y/N):

Storage Tank Volume (Gal): ~220

Notes:

APPENDIX F
SVE PILOT TEST TRENDS


PID Measurements
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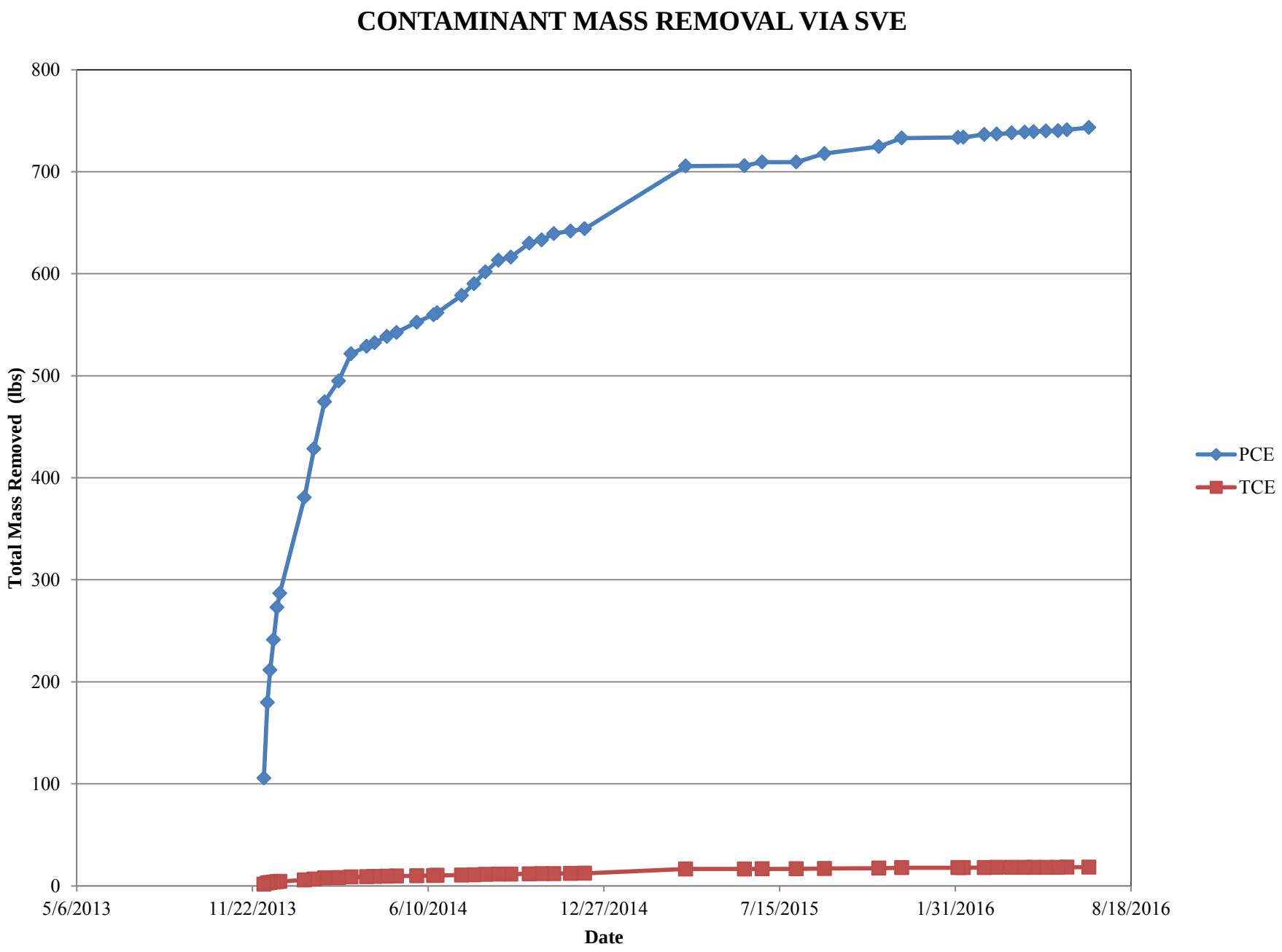
4000.0
3500.0
3000.0
2500.0
2000.0
1500.0
1000.0
500.0
0.0
Concentration (ppmV)
5/6/2013
11/22/2013
6/10/2014
12/27/2014
7/15/2015
1/31/2016
8/18/2016
Date
SVE-1
SVE-2
SVE-3
MW-6B
Influent


CONTAMINANT MASS REMOVAL VIA SVE
Total Mass Removed (lbs)
800
700
600
500
400
300
200
100
0
5/6/2013
11/22/2013
6/10/2014
12/27/2014
7/15/2015
1/31/2016
8/18/2016
Date
PCE
TCE