EA Engineering, Science, & Technology, Inc., PBC
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July 13, 2015

Ms. Allison Urbon
New Mexico Environment Department
Petroleum Storage Tank Bureau
5500 San Antonio Drive, NE
Albuquerque, New Mexico 87109

Dear Ms. Urbon:

EA Engineering, Science, and Technology, Inc., PBC (EA) is submitting the semi-annual Groundwater Monitoring Report for Atex #213 located at 3501 Isleta Boulevard, Albuquerque, New Mexico. The report summarizes the activities conducted to fulfill requirements stated in the New Mexico Administrative Code, Title 20, Chapter 5, Part 12 and the New Mexico Environment Department Petroleum Storage Tank Bureau Guidelines for Corrective Action.

The full scope of work was implemented. The total cost for the Semi-Annual Groundwater Monitoring and Report under deliverable ID 3776-2 is $5,136.00, including NMGRT.

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

Sincerely,

Lane Andress
Project Manager

Teri McMillan
Senior Geologist

Enclosure
Cc: File

SEMI-ANNUAL GROUNDWATER MONITORING REPORT

ATEX #213
PSTB FACILITY # 31815
3501 ISLETA BOULEVARD, ALBUQUERQUE, NEW MEXICO

Prepared by:

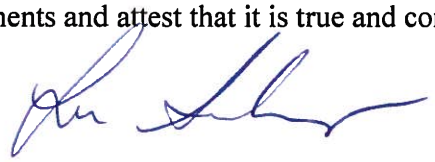
EA Engineering, Science,
and Technology, Inc., PBC
320 Gold Avenue SW, Suite 1210
Albuquerque, New Mexico 87102

July 2015

EA Project No.6289802.01

STATEMENT OF FAMILIARITY

I, the undersigned, am personally familiar with the information submitted in this report and the attached documents and attest that it is true and complete.

Signature: 

Name: Lane Andress
Affiliation: EA Engineering, Science, and Technology, Inc., PBC
Title: Project Manager
Date: July 13, 2015

I. INTRODUCTION

EA Engineering, Science and Technology, Inc., PBC (EA) has completed the second semi-annual groundwater monitoring event at Atex #213 located at 3501 Isleta Boulevard, Albuquerque, New Mexico. The work was performed under state-lead contract #14-667-2000-0030 and the *Work Plan for Semi-Annual Groundwater Monitoring, Atex 213, Albuquerque, New Mexico,* dated August 11, 2014, prepared by EA to satisfy the requirements stated in the New Mexico Administrative Code, Title 20, Chapter 5, Part 12 and the New Mexico Environment Department (NMED) Petroleum Storage Tank Bureau (PSTB) Guidelines for Corrective Action (GCA). The work plan was approved by the NMED PSTB on October 15, 2014. All work was completed under work plan identification number (WPID #) 3776 and Deliverable ID 3376-2.

The Site is located at the intersection of Del Sur Drive and Isleta Boulevard in the South Valley area of Albuquerque, New Mexico. The main parcel of the site is currently a vacant lot. The site contains fast food restaurants to the north and east, and there is an electric substation to the south of the main parcel. A Middle Rio Grande Conservancy District (MRGCD) irrigation ditch is located south of the electric substation, and to the south of the irrigation ditch is another fast food restaurant (Figure 1).

On May 19, 2015 groundwater samples and fluid levels were collected from thirteen (13) monitoring wells; MW-1R, MW-2, MW-3, MW-4R, MW-38, BB-2, NMW-1, NMW-4R, MW-6RR, W-35, W-36, RNMW-2, and RNMW-3. Groundwater samples collected from all wells were submitted for laboratory analysis for volatile organic compounds (VOCs), including benzene, toluene, ethylbenzene, and xylenes (BTEX), methyl tertiary butyl ether (MTBE), 1,2 dibromoethane (EDB), 1,2 dichloroethane (EDC), and total naphthalenes by Environmental Protection Agency (EPA) Method 8260B. In addition, specific conductance, dissolved oxygen (DO), pH, and temperature were monitored in the field.

This report summarizes the results of the monitoring event.

II. ACTIVITIES PERFORMED DURING THIS PERIOD

This section provides a brief description of monitoring activities performed during this monitoring period.

A. Brief Description of Remediation System and Date Installed

Billings & Associates installed a pump and treat remediation system at the Site in 1988. The system consisted of four recovery wells located along the southern property boundary, an air stripper and eight injection wells southwest of the site. The system was ineffective and had biofouling problems and was shut down in late 1989. A summary of corrective action activities conducted at the Site follows:

- Site sampled December 2006 by Souder, Miller & Associates
- The Work Plan for the first two semi-annual groundwater monitoring events was approved by NMED on December 16, 2011.
- EA completed its 1st semi-annual sampling event in February 2012; EA continued to monitor the site on a semi-annual basis from this time through October 2013.
- EA performed additional monitoring well installation, well plugging and abandonment, and groundwater sampling in April and May 2014.
- EA submitted a work plan for semi-annual groundwater monitoring in August 2014; it was approved by NMED-PSTB in October 2014.
- On November 17, 2014 it was noted that monitoring wells MW-1R, NMW-1, and RNMW-2 were damaged, and well MW-6R could not be located
- December 2014 damage wells were repaired and MW-6R was replaced with a new monitoring well; MW-6RR.
- Currently, EA is conducting groundwater monitoring at the site.

B. Description of Activities Performed to Keep System Operating Properly

The system is no longer operational; it was shut down in late 1989.

C. Monitoring Activities Performed

Groundwater Sampling Activities

Prior to collecting groundwater samples, fluid levels in all existing wells were gauged with an electronic water level meter. No non-aqueous phase liquid was present in any monitoring wells during this event. Table 1 provides a summary of the groundwater gauging data collected from the monitoring network. A groundwater potentiometric surface map (Figure 2) was constructed based on the collected data. A hydrograph for select monitoring wells is provided in Appendix A.

Monitoring wells were sampled with disposable bailers on May 19, 2015. All equipment was decontaminated between wells with an Alconox™ solution to ensure sample quality. Purge water was ground discharged in accordance with Section 1.7.2 of the GCA. Sampling was accomplished by carefully pouring groundwater from the bailer into the sample containers.

Field parameters were measured with an Oakton water quality meter during purging and prior to sampling. Dissolved oxygen was measured using an YSI Pro DO water quality meter. Specific conductance, pH, DO, and temperature were monitored and recorded on monitoring well sampling field forms. The meter was calibrated and/or checked against a standard in accordance with manufacturer's specifications prior to use. Field forms are provided in Appendix B.

Sample containers, preservatives, analytical methods, and holding times are specified in Table 2. Samples for VOC analysis were collected such that no headspace existed in the sample vial. All samples were preserved in accordance with method requirements, then immediately cooled to less than 6°C with ice and delivered under chain-of-custody to HEAL in Albuquerque, New Mexico. The analytical laboratory reports are provided in Appendix C.

Groundwater Sampling Results

During this sampling event, dissolved phase hydrocarbon concentrations were above New Mexico Water Quality Control Commission (NMWQCC) groundwater quality standards in 6 (MW-3, MW-6RR, NMW-1, RNMW-2, W-35, and W-36) of the 12 wells sampled. The NMWQCC groundwater quality standard for benzene is 10 µg/L and is 30 µg/L for total naphthalenes. Well NMW-1 contained benzene concentration of 430 micrograms per liter (µg/L) and RNMW-2 has a concentration of 12 µg/L, these two wells are currently the only monitoring wells with benzene above NMWQCC standards. Monitoring wells MW-6RR, NMW-1, W-35, and W-36 contained total naphthalenes above NMWQCC standards at concentrations of 38.8 µg/L, 140 µg/L, 45 µg/L, and 31 µg/L, respectively. Laboratory results are summarized in Table 3, and analytical laboratory reports are provided in Appendix C.

D. System Performance and Effectiveness

The system is no longer operational; it was shut down in late 1989.

E. Statement Verifying Containment of Release

The dissolved phase benzene plume is adequately defined. The dissolved phase total naphthalenes plume has migrated off-site and is not defined cross-gradient to the southwest.

III. SUMMARY AND CONCLUSIONS

This section summarizes the results, contains a brief discussion of site trends, and provides recommendations for future site activities.

A. Discussion of any Trends or Changes Noted in Analytical Results or Site Conditions

The results of groundwater gauging indicate that water levels in all wells have all increased when compared to the previous groundwater gauging conducted in November 2014. Well NMW-4R has had the greatest increase, rising 0.44 ft. A hydrograph for select wells is included in Appendix A. The overall direction of groundwater flow is to the southeast with a gradient of 0.001 ft/ft. (Figure 2).

Both benzene and total naphthalene concentrations are present above NMWQCC standards at the site. Three monitoring wells had an increase of total naphthalenes as follows, MW-3 from 119 µg/L to 127 µg/L, NMW-1 from <20 µg/L to 140 µg/L, and W-36 from 17 µg/L to 31 µg/L. Three monitoring wells had an decrease of total naphthalenes as follows, MW-1R from 59.9 µg/L to 13 µg/L, MW-6RR from 262 µg/L to 38.8 µg/L, and W-35 from 98.9 µg/L to 45 µg/L. Benzene concentrations increased in NMW-1 from 52 µg/L to 430 µg/L and in RNMW-2, from below laboratory detection limits to 12 µg/L. Benzene decreased in MW-3 from 3.5 µg/L to 2.3 µg/L. All other monitoring wells remained below laboratory detection limits for benzene. The May 19, 2015 distribution of dissolved phase organic contaminants is shown on Figure 3. Contaminant concentration trend graphs for selected analysis and wells are included in Appendix A.

Field parameters including pH, DO, specific conductance, and temperature were measured during sampling. The field parameters are summarized in Table 4.

B. Ongoing Assessment of Remediation System

The system was ineffective and had biofouling problems and was shut down in late 1989. The system is no longer operational.

C. Recommendations

Based on the results of annual groundwater monitoring at the site, EA recommends the following:

- EA recommends continued semi-annual groundwater monitoring at the site.

TABLES

TABLE 1. SUMMARY OF FLUID GAUGING DATA
ATEX # 213, ALBUQUERQUE, NEW MEXICO

Monitor Well	Date Measured	Casing Elevation[2]	Depth to Water[3]	Groundwater Elevation[2]
MW-1	29-Apr-14	4929.78	Well Plugged and Abandoned	
	1-Oct-13		Dry	NM
	25-Mar-13		Dry	NM
	22-Aug-12		Dry	NM
	21-Feb-12		Dry	NM
	26-Dec-06		Dry	NM
	25-Sep-06		Dry	NM
	17-May-06		Dry	NM
	31-Jan-06		Dry	NM
	3-Nov-05		Dry	NM
	28-Jul-05		Dry	NM
	22-Apr-04		9.25	4920.53
MW-1R	19-May-15	4932.08	8.86	4923.22
	17-Nov-14	***	9.19	NA
	2-May-14	4932.03	9.06	4922.97
MW-2	19-May-15	4934.72	11.59	4923.13
	17-Nov-14		11.96	4922.76
	2-May-14		11.74	4922.98
	1-Oct-13		11.64	4923.08
	25-Mar-13		11.96	4922.76
	22-Aug-12		11.68	4923.04
	21-Feb-12		12.13	4922.59
	26-Dec-06		11.94	4922.78
	25-Sep-06		11.82	4922.90
	17-May-06		11.72	4923.00
	31-Jan-06		12.27	4922.45
	3-Nov-05		11.45	4923.27
	28-Jul-05		11.39	4923.33
	22-Apr-04		11.43	4923.29
MW-3	19-May-15	4932.98	9.82	4923.16
	17-Nov-14		10.19	4922.79
	2-May-14		10.00	4922.98
	1-Oct-13		9.80	4923.18
	25-Mar-13		10.25	4922.73
	22-Aug-12		9.92	4923.06
	21-Feb-12		10.42	4922.56
	26-Dec-06		10.27	4922.71
	25-Sep-06		10.05	4922.93
	17-May-06		10.02	4922.96
	31-Jan-06		10.57	4922.41
	3-Nov-05		9.78	4923.20
	28-Jul-05		9.65	4923.33
	22-Apr-04		9.71	4923.27

TABLE 1. SUMMARY OF FLUID GAUGING DATA
ATEX # 213, ALBUQUERQUE, NEW MEXICO

Monitor Well	Date Measured	Casing Elevation[2]	Depth to Water[3]	Groundwater Elevation[2]
MW-4	29-Apr-14	4932.55	Plugged and Abandoned	
	1-Oct-13		Well Destroyed	
	25-Mar-13		12.64	4919.91
	22-Aug-12		12.32	4920.23
	21-Feb-12		12.81	4919.74
	26-Dec-06		12.64	4919.91
	25-Sep-06		12.42	4920.13
	17-May-06		12.35	4920.20
	31-Jan-06		12.94	4919.61
	3-Nov-05		12.19	4920.36
	28-Jul-05		12.03	4920.52
	22-Apr-04		12.07	4920.48
MW-4R	19-May-15	4933.42	10.36	4923.06
	17-Nov-14		10.74	4922.68
	2-May-14		10.56	4922.86
MW-5	1-May-14	4931.85	Plugged and Abandoned	
	1-Oct-13		Dry	NM
	25-Mar-13		Dry	NM
	22-Aug-12		Dry	NM
	21-Feb-12		Dry	NM
	26-Dec-06		11.54	4920.31
	25-Sep-06		11.15	4920.70
	17-May-06		11.12	4920.73
	31-Jan-06		11.83	4920.02
	3-Nov-05		11.00	4920.85
	28-Jul-05		10.78	4921.07
	22-Apr-04		11.44	4920.41
MW-6	29-Apr-14	4931.51	Plugged and Abandoned	
	1-Oct-13		13.18	4918.33
	25-Mar-13		13.14	4918.37
	22-Aug-12		13.00	4918.51
	21-Feb-12		11.58	4919.93
	26-Dec-06		11.89	4919.62
	25-Sep-06		11.37	4920.14
	17-May-06		11.31	4920.20
	31-Jan-06		11.92	4919.59
	3-Nov-05		11.22	4920.29
	28-Jul-05		11.03	4920.48
	22-Apr-04		11.04	4920.47
MW-6R	17-Nov-14	4934.26	Well Destroyed	
	2-May-14		11.36	4922.90

TABLE 1. SUMMARY OF FLUID GAUGING DATA
ATEX # 213, ALBUQUERQUE, NEW MEXICO

Monitor Well	Date Measured	Casing Elevation[2]	Depth to Water[3]	Groundwater Elevation[2]
MW-6RR	19-May-15	4933.90	10.73	4923.17
	22-Dec-14	‡	11.20	‡
MW-10	26-Dec-06	4930.98	Plugged	
	25-Sep-06			
	17-May-06			
	31-Jan-06			
	3-Nov-05			
	28-Jul-05			
	22-Apr-04			
MW-29	1-May-14	4930.19	Plugged and Abandoned	
	1-Oct-13		9.81	4920.38
	25-Mar-13		10.11	4920.08
	22-Aug-12		9.87	4920.32
	21-Feb-12		10.32	4919.87
	26-Dec-06		11.14	4919.05
	25-Sep-06		10.01	4920.18
	17-May-06		9.89	4920.30
	31-Jan-06		10.45	4919.74
	3-Nov-05		9.66	4920.53
	28-Jul-05		9.56	4920.63
	22-Apr-04		9.60	4920.59
MW-38	19-May-15	4931.87	8.78	4923.09
	17-Nov-14		9.18	4922.69
	2-May-14		8.96	4922.91
	1-Oct-13	4929.10	8.85	4923.02
	25-Mar-13		9.15	4922.72
	22-Aug-12		8.88	4922.99
	21-Feb-12		9.38	4922.49
	26-Dec-06		9.19	4922.68
	25-Sep-06		8.97	4922.90
	17-May-06		8.90	4922.97
	31-Jan-06		9.49	4922.38
	3-Nov-05		8.70	4923.17
	28-Jul-05		8.56	4923.31
	22-Apr-04		8.62	4923.25

TABLE 1. SUMMARY OF FLUID GAUGING DATA
ATEX # 213, ALBUQUERQUE, NEW MEXICO

Monitor Well	Date Measured	Casing Elevation[2]	Depth to Water[3]	Groundwater Elevation[2]
BB-2	19-May-15	4934.64	11.56	4923.08
	17-Nov-14		12.06	4922.58
	2-May-14		11.81	4922.83
	1-Oct-13	4931.31	11.70	4922.94
	25-Mar-13		12.05	4922.59
	22-Aug-12		11.69	4922.95
	21-Feb-12		12.24	4922.40
	26-Dec-06		12.04	4922.60
	25-Sep-06		11.72	4922.92
	17-May-06		11.66	4922.98
	31-Jan-06		12.36	4922.28
	3-Nov-05		11.56	4923.08
	28-Jul-05		11.34	4923.30
	22-Apr-04		10.88	4923.76
NMW-1	19-May-15	4932.63	9.38	4923.25
	17-Nov-14	***	9.72	NA
	2-May-14	4932.62	9.55	4923.07
	1-Oct-13	4929.81	9.41	4920.40
	25-Mar-13		9.75	4920.06
	22-Aug-12		9.48	4920.33
	21-Feb-12		9.93	4919.88
	26-Dec-06		9.75	4920.06
	25-Sep-06		9.62	4920.19
	17-May-06		9.53	4920.28
	31-Jan-06		10.70	4919.11
	3-Nov-05		9.31	4920.50
	28-Jul-05		9.22	4920.59
	22-Apr-04		9.24	4920.57
NMW-2*	28-Jul-05	4930.38	NM	NM
	22-Apr-04		10.03	4920.35
NMW-3*	28-Jul-05	4930.56	NM	NM
	22-Apr-04		10.28	4920.28
NMW-4	30-Apr-14	4929.02	Plugged and Abandoned	
	1-Oct-13		9.59	4919.43
	25-Mar-13		9.90	4919.12
	22-Aug-12		9.59	4919.43
	21-Feb-12		10.12	4918.90
	26-Dec-06		10.94	4918.08
	25-Sep-06		9.59	4919.43
	17-May-06		NM	NM
	31-Jan-06		NM	NM
	3-Nov-05		NM	NM
	28-Jul-05		NM	NM
	22-Apr-04		10.33	4918.69

TABLE 1. SUMMARY OF FLUID GAUGING DATA
ATEX # 213, ALBUQUERQUE, NEW MEXICO

Monitor Well	Date Measured	Casing Elevation[2]	Depth to Water[3]	Groundwater Elevation[2]
NMW-4R	19-May-15	4932.53	9.68	4922.85
	17-Nov-14		10.12	4922.41
	2-May-14		9.91	4922.62
W-34	1-May-14	4928.70	Plugged and Abandoned	
	1-Oct-13		Well Paved Over	
	25-Mar-13		8.61	4920.09
	22-Aug-12		8.33	4920.37
	21-Feb-12		8.77	4919.93
	26-Dec-06		8.61	4920.09
	25-Sep-06		8.51	4920.19
	17-May-06		8.40	4920.30
	31-Jan-06		8.92	4919.78
	3-Nov-05		8.11	4920.59
	28-Jul-05		8.09	4920.61
	22-Apr-04		7.92	4920.78
W-35	19-May-15	4931.50	8.44	4923.06
	17-Nov-14		8.78	4922.72
	2-May-14		8.65	4922.85
	1-Oct-13	4928.93	Well Paved Over	
	25-Mar-13		8.85	4922.65
	22-Aug-12		8.55	4922.95
	21-Feb-12		8.99	4922.51
	26-Dec-06		8.83	4922.67
	25-Sep-06		8.74	4922.76
	17-May-06		8.64	4922.86
	31-Jan-06		9.14	4922.36
	3-Nov-05		8.31	4923.19
	28-Jul-05		8.29	4923.21
	22-Apr-04		8.14	4923.36

TABLE 1. SUMMARY OF FLUID GAUGING DATA
ATEX # 213, ALBUQUERQUE, NEW MEXICO

Monitor Well	Date Measured	Casing Elevation[2]	Depth to Water[3]	Groundwater Elevation[2]
W-36	19-May-15	4932.00	8.62	4923.38
	17-Nov-14		8.97	4923.03
	2-May-14		8.80	4923.20
	1-Oct-13	4929.11	Well Paved Over	
	25-Mar-13		9.01	4922.99
	22-Aug-12		8.72	4923.28
	21-Feb-12		9.15	4922.85
	26-Dec-06		8.97	4923.03
	25-Sep-06		8.92	4923.08
	17-May-06		8.79	4923.21
	31-Jan-06		9.30	4922.70
	3-Nov-05		8.50	4923.50
	28-Jul-05		8.48	4923.52
	22-Apr-04		8.31	4923.69
W-37	1-May-14	4930.10	Plugged and Abandoned	
	1-Oct-13		Well Paved Over	
	25-Mar-13		9.97	4920.13
	22-Aug-12		9.67	4920.43
	21-Feb-12		10.09	4920.01
	26-Dec-06		8.78	4921.32
	25-Sep-06		9.90	4920.20
	17-May-06		9.74	4920.36
	31-Jan-06		10.22	4919.88
	3-Nov-05		9.49	4920.61
	28-Jul-05		9.43	4920.67
	22-Apr-04		9.26	4920.84
RNMW-2**	19-May-15	4933.45	10.27	4923.18
	17-Nov-14	***	10.87	NA
	2-May-14	4933.74	10.70	4923.04
	1-Oct-13	4930.88	10.57	4920.31
	25-Mar-13		10.90	4919.98
	22-Aug-12		10.61	4920.27
	21-Feb-12		11.09	4919.79
	26-Dec-06		10.92	4919.96
	25-Sep-06		10.72	4920.16
	17-May-06		10.64	4920.24
	31-Jan-06		11.23	4919.65
	3-Nov-05		10.44	4920.44
	28-Jul-05		10.33	4920.55

TABLE 1. SUMMARY OF FLUID GAUGING DATA
ATEX # 213, ALBUQUERQUE, NEW MEXICO

Monitor Well	Date Measured	Casing Elevation[2]	Depth to Water[3]	Groundwater Elevation[2]
RNMW-3**	19-May-15	4933.22	10.06	4923.16
	17-Nov-14		10.45	4922.77
	2-May-14		10.23	4922.99
	1-Oct-13	4930.42	10.12	4923.10
	25-Mar-13		10.45	4922.77
	22-Aug-12		10.17	4923.05
	21-Feb-12		10.65	4922.57
	26-Dec-06		10.49	4922.73
	25-Sep-06		10.27	4922.95
	17-May-06		10.20	4923.02
	31-Jan-06		10.80	4922.42
	3-Nov-05		9.99	4923.23
	28-Jul-05		9.89	4923.33

NOTES:

The top of casing elevation for wells MW-2 and MW-3 were adjusted by -0.17 and -0.89, respectively from the survey point top of well steel plate on pipe.

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

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

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

* = Well Destroyed during source area excavation.

** = Replacement well installed 4/27/05.

*** =Surface completion/casing damaged at time of measurement

‡=Waiting for survey data

NM = not measured.

TABLE 2. SAMPLE ANALYTICAL REQUIREMENTS
ATEX #213, 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:
VOCs = Volatile Organic Compounds with naphthalenes

TABLE 3. SUMMARY OF GROUNDWATER SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS
ATEX # 213, ALBUQUERQUE, NEW MEXICO

Well Number	Date Sampled	Benzene	Toluene	Ethyl Benzene	Total Xylenes	MTBE	Total Naphthalenes
MW-1	29-Apr-14	Plugged and Abandoned					
	1-Oct-13	Dry	Dry	Dry	Dry	Dry	Dry
	22-Aug-12	Dry	Dry	Dry	Dry	Dry	Dry
	21-Feb-12	Dry	Dry	Dry	Dry	Dry	Dry
	26-Dec-06	Dry	Dry	Dry	Dry	Dry	Dry
	25-Sep-06	Dry	Dry	Dry	Dry	Dry	Dry
	17-May-06	Dry	Dry	Dry	Dry	Dry	Dry
	31-Jan-06	Dry	Dry	Dry	Dry	Dry	Dry
	3-Nov-05	Dry	Dry	Dry	Dry	Dry	Dry
	28-Jul-05	Dry	Dry	Dry	Dry	Dry	Dry
	22-Apr-04	<1.0	<1.0	4.8	<1.0	<1.0	4.3
	Jan-98	ND	110	320	370	2,200	NA
MW-1R	19-May-15	<1.0	<1.0	21	<1.5	<1.0	13
	17-Nov-14	<1.0	1.6	50	4.6	<1.0	59.9
	1-May-14	<10	<10	440	260	<10	534
MW-2	19-May-15	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0
	17-Nov-14	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0
	1-May-14	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0
	1-Oct-13	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0
	25-Mar-13	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0
	22-Aug-12	<1.0	<1.0	<1.0	<1.5	3.0	<4.0
	21-Feb-12	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0
	26-Dec-06	NS	NS	NS	NS	NS	NS
	25-Sep-06	<1.0	<1.0	<1.0	<3.0	2.5	<10.0
	17-May-06	<1.0	<1.0	<1.0	<3.0	1.9	<10.0
	31-Jan-06	<1.0	<1.0	<1.0	<1.0	<1.0	<10.0
	3-Nov-05	NS	NS	NS	NS	NS	NS
	28-Jul-05	<1.0	<1.0	<1.0	<1.0	3.6	<10.0
	22-Apr-04	<1.0	<1.0	<1.0	<1.0	<1.0	<10.0
	Jan-98	1.9	ND	0.7	0.7	10	NA
MW-3	19-May-15	2.3	1.4	12	8.4	<1.0	127
	17-Nov-14	3.5	<2.0	17	8.6	<2.0	119
	1-May-14	<1.0	<1.0	3.6	2.4	<1.0	24.6
	26-Mar-13	3.7	1.8	18	22	<1.0	108
	23-Aug-12	6.4	<5.0	19	28	<5.0	60
	21-Feb-12	7.4	<5.0	37	55	<5.0	142
	26-Dec-06	160	58	220	460	530	610
	25-Sep-06	62	11	37	100	230	180
	17-May-06	46	6.5	29	55	230	142
	31-Jan-06	60	<20	83	110	500	170
	3-Nov-05	180	9.7	58	47	920	438
	28-Jul-05	52	<10	14	<10	410	90
	22-Apr-04	100	<10	25	11	320	98
	Jan-98	2,400	110	320	370	2,200	NA
MW-4	29-Apr-14	Plugged and Abandoned					
	1-Oct-13	Well Destroyed					
	25-Mar-13	<1.0	<1.0	<1.0	<1.5	62	<4.0
	23-Aug-12	<1.0	<1.0	<1.0	<1.5	46	<4.0
	22-Feb-12	<1.0	<1.0	<1.0	<1.5	18	<4.0
	26-Dec-06	93	<10	<10	<30	790	<100
	25-Sep-06	<1.0	<1.0	<1.0	<3.0	580	<10.0
	17-May-06	<1.0	<1.0	<1.0	<3.0	180	<10.0
	31-Jan-06	<1.0	<1.0	<1.0	<1.0	220	<10.0
	3-Nov-05	<5.0	<5.0	<5.0	<5.0	500	<50
	28-Jul-05	<1.0	<1.0	<1.0	<1.0	720	<10.0
	22-Apr-04	590	<10	<10	<10	1400	<100

TABLE 3. SUMMARY OF GROUNDWATER SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS
ATEX # 213, ALBUQUERQUE, NEW MEXICO

Well Number	Date Sampled	Benzene	Toluene	Ethyl Benzene	Total Xylenes	MTBE	Total Naphthalenes
MW-4R	19-May-15	<1.0	<1.0	<1.0	<1.5	3.5	<4.0
	17-Nov-14	<1.0	<1.0	<1.0	<1.5	8.0	<4.0
	1-May-14	29	<1.0	3.8	<1.5	55	64.6
MW-5	1-May-14	Plugged and Abandoned					
	1-Oct-13	Dry	Dry	Dry	Dry	Dry	Dry
	25-Mar-13	Dry	Dry	Dry	Dry	Dry	Dry
	22-Aug-12	Dry	Dry	Dry	Dry	Dry	Dry
	21-Feb-12	Dry	Dry	Dry	Dry	Dry	Dry
	26-Dec-06	<1.0	<1.0	<1.0	<3.0	25	<10.0
	25-Sep-06	<1.0	<1.0	<1.0	<3.0	<1.5	<10.0
	17-May-06	<1.0	<1.0	<1.0	<3.0	<1.5	<10.0
	31-Jan-06	<1.0	<1.0	<1.0	<1.0	190	<10.0
	3-Nov-05	<1.0	<1.0	<1.0	<1.0	<1.0	<10.0
	29-Jul-05	<1.0	<1.0	<1.0	<1.0	<2.0	<10.0
	22-Apr-04	<1.0	<1.0	<1.0	<1.0	280	<10.0
	Jun-94	<0.5	<0.5	<0.5	<0.5	<2.5	NA
MW-6	29-Apr-14	Plugged and Abandoned					
	1-Oct-13	Dry	Dry	Dry	Dry	Dry	Dry
	25-Mar-13	<1.0	<1.0	<1.0	<1.5	1.1	<4.0
	22-Aug-12	<1.0	<1.0	<1.0	<1.5	1.8	<4.0
	22-Feb-12	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0
	26-Dec-06	33	<10	16	<30	720	395
	25-Sep-06	84	<5.0	32	15	1,200	630
	17-May-06	20	<10	11	<30	490	160
	31-Jan-06	24	<10	20	13	730	253
	3-Nov-05	46	<5.0	28	16	570	380
	29-Jul-05	45	<20	<20	<20	800	210
	23-Apr-04	50	<10	14	15	830	140
MW-6R	17-Nov-14	Well Destroyed					
	1-May-14	1.6	<1.0	6.6	<1.5	6.2	55.5
MW-6RR	19-May-15	<1.0	<1.0	24	3.2	4.6	38.8
	22-Dec-14	<5.0	<5.0	130	27	13	262
MW-29	1-May-14	Plugged and Abandoned					
	1-Oct-13	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0
	25-Mar-13	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0
	23-Aug-12	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0
	21-Feb-12	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0
	26-Dec-06	NS	NS	NS	NS	NS	NS
	25-Sep-06	<1.0	<1.0	<1.0	<1.0	7.5	<10.0
	17-May-06	NS	NS	NS	NS	NS	NS
	31-Jan-06	NS	NS	NS	NS	NS	NS
	3-Nov-05	NS	NS	NS	NS	NS	NS
	29-Jul-05	<1.0	<1.0	<1.0	<1.0	6.8	<10.0
	22-Apr-04	<1.0	<1.0	<1.0	<1.0	14	<10.0
	1-Jun-94	<0.5	<0.5	<0.5	<0.5	<2.5	NA

TABLE 3. SUMMARY OF GROUNDWATER SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS
ATEX # 213, ALBUQUERQUE, NEW MEXICO

Well Number	Date Sampled	Benzene	Toluene	Ethyl Benzene	Total Xylenes	MTBE	Total Naphthalenes
MW-38	19-May-15	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0
	17-Nov-14	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0
	1-May-14	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0
	1-Oct-13	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0
	25-Mar-13	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0
	23-Aug-12	1.5	<1.0	<1.0	<1.5	1.2	15
	21-Feb-12	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0
	26-Dec-06	13	<1.0	2.5	<3.0	<1.5	12
	25-Sep-06	1.5	<1.0	<1.0	<3.0	<1.5	3.1
	17-May-06	1.4	<1.0	<1.0	<3.0	<1.5	<10.0
	31-Jan-06	2.5	<1.0	<1.0	<1.0	<1.0	2.5
	3-Nov-05	<1.0	<1.0	<1.0	<1.0	<1.0	<10.0
	29-Jul-05	1.4	<1.0	<1.0	<1.0	<1.0	<10.0
	22-Apr-04	1.7	<1.0	<1.0	<1.0	<1.0	<10.0
	Jan-98	46	1.2	8.1	7.6	9	NA
BB-2	19-May-15	<1.0	<1.0	<1.0	<1.5	27	3.9
	17-Nov-14	<1.0	<1.0	<1.0	<1.5	26	<4.0
	1-May-14	<1.0	<1.0	<1.0	<1.5	17	<4.0
	1-Oct-13	<1.0	<1.0	<1.0	<1.5	53	<4.0
	25-Mar-13	<1.0	<1.0	<1.0	<1.5	150	<4.0
	23-Aug-12	<1.0	<1.0	1.3	<1.5	94	17.0
	21-Feb-12	<1.0	<1.0	<1.0	<1.5	290	<4.0
	26-Dec-06	NS	NS	NS	NS	NS	NS
	25-Sep-06	<1.0	<1.0	1.1	<1.0	<1.5	15.5
	17-May-06	NS	NS	NS	NS	NS	NS
	31-Jan-06	NS	NS	NS	NS	NS	NS
	3-Nov-05	NS	NS	NS	NS	NS	NS
	29-Jul-05	<1.0	<1.0	4.6	<1.0	<2.0	7.6
	22-Apr-04	<1.0	<1.0	<1.0	<1.0	<1.0	<10.0
	Jan-98	5.8	ND	50	21	1,200	NA
NMW-1	19-May-15	430	11	100	140	62	140
	17-Nov-14	52	<5.0	5.3	19	9.3	<20
	2-May-14	190	1.6	5.9	6.3	35	25.4
	1-Oct-13	290	8.4	3.1	39	44	52.1
	26-Mar-13	510	17	22	71	130	126
	23-Aug-12	490	<10	23	70	94	48
	21-Feb-12	390	<10	33	38	110	92
	26-Dec-06	950	55	44	900	750	760
	25-Sep-06	410	<10	<10	86	420	140
	17-May-06	340	95	<20	1,700	320	840
	31-Jan-06	810	56	<50	1,100	570	220
	3-Nov-05	710	170	<50	640	480	190
	28-Jul-05	1,100	390	<50	3,600	840	920
	22-Apr-04	990	200	28	1,100	580	272
	Jan-98	NAPL	NAPL	NAPL	NAPL	NAPL	NAPL

TABLE 3. SUMMARY OF GROUNDWATER SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS
ATEX # 213, ALBUQUERQUE, NEW MEXICO

Well Number	Date Sampled	Benzene	Toluene	Ethyl Benzene	Total Xylenes	MTBE	Total Naphthalenes
NMW-2/RNMW-2	19-May-15	12	<1.0	<1.0	<1.5	50	2.3
	17-Nov-14	<1.0	<1.0	<1.0	<1.5	62	<4.0
	2-May-14	12	<1.0	<1.0	<1.5	72	<4.0
	1-Oct-13	<1.0	<1.0	<1.0	<1.5	61	<4.0
	26-Mar-13	99	1.2	1.7	2.2	220	7.4
	22-Aug-12	54	<1.0	<1.0	<1.5	290	9.6
	21-Feb-12	<1.0	<1.0	<1.0	<1.5	83	<4.0
	26-Dec-06	47	<10	<10	<30	1,000	20
	25-Sep-06	20	<10	16	<30	1,300	<100
	17-May-06	310	<1.0	31	19	550	14
	31-Jan-06	11	<1.0	45	4.1	560	3.0
	3-Nov-05	74	1.1	160	52	590	27.4
	28-Jul-05	320	11	710	120	1300	39
	23-Apr-04	NAPL	NAPL	NAPL	NAPL	NAPL	NAPL
NMW-3/RNMW-3	19-May-15	<1.0	<1.0	<1.0	<1.5	46	<4.0
	17-Nov-14	1.1	<1.0	<1.0	<1.5	63	<4.0
	2-May-14	<1.0	<1.0	<1.0	<1.5	31	<4.0
	1-Oct-13	1.2	<1.0	<1.0	<1.5	83	4.0
	26-Mar-13	4.6	<1.0	<1.0	<1.5	86	5.4
	23-Aug-12	1.2	<1.0	<1.0	<1.5	170	5.5
	21-Feb-12	1.8	<1.0	<1.0	<1.5	120	4.9
	26-Dec-06	6.4	<5.0	<5.0	<15	580	<50
	25-Sep-06	220	<5	64.0	<15	1,400	110
	17-May-06	16	<1.0	7.9	<3.0	370	<10.0
	31-Jan-06	11	<1.0	16	6.4	550	3.3
	3-Nov-05	130	7.7	89	170	1,400	32.4
	28-Jul-05	150	23	270	130	1,200	32.3
	23-Apr-04	NAPL	NAPL	NAPL	NAPL	NAPL	NAPL
	Jan-98	NAPL	NAPL	NAPL	NAPL	NAPL	NAPL
NMW-4	30-Apr-14	Plugged and Abandoned					
	1-Oct-13	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0
	25-Mar-13	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0
	23-Aug-12	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0
	22-Feb-12	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0
	26-Dec-06	<1.0	<1.0	<1.0	<3.0	<1.5	<10.0
	25-Sep-06	<1.0	<1.0	<1.0	<3.0	<1.5	<10.0
	17-May-06	<1.0	<1.0	<1.0	<3.0	9.7	<10.0
	31-Jan-06	<1.0	<1.0	<1.0	<1.0	<1.0	<10.0
	3-Nov-05	<1.0	<1.0	<1.0	<1.0	<1.0	<10.0
	29-Jul-05	<1.0	<1.0	<1.0	<1.0	<2.0	<10.0
	23-Apr-04	<1.0	<1.0	<1.0	<1.0	2.7	<10.0
	Jun-94	<0.5	<0.5	<0.5	<0.5	<2.5	NA
NMW-4R	19-May-15	<1.0	<1.0	<1.0	<1.5	18	<4.0
	17-Nov-14	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0
	1-May-14	8.0	2.6	<1.0	<1.5	11	<4.0
W-34	1-May-14	Plugged and Abandoned					
	1-Oct-13	Well Paved Over					
	25-Mar-13	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0
	22-Aug-12	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0
	21-Feb-12	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0
	26-Dec-06	NS	NS	NS	NS	NS	NS
	25-Sep-06	<1.0	<1.0	<1.0	<3.0	<1.5	<10.0
	17-May-06	NS	NS	NS	NS	NS	NS
	31-Jan-06	NS	NS	NS	NS	NS	NS
	3-Nov-05	NS	NS	NS	NS	NS	NS
	28-Jul-05	<1.0	<1.0	3.7	1.3	<1.0	<10.0
	6-May-04	<1.0	<1.0	6.7	3.4	<1.0	<10.0
	Jan-98	1.2	ND	7.6	7.2	<2.5	NA

TABLE 3. SUMMARY OF GROUNDWATER SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS
ATEX # 213, ALBUQUERQUE, NEW MEXICO

Well Number	Date Sampled	Benzene	Toluene	Ethyl Benzene	Total Xylenes	MTBE	Total Naphthalenes
W-35	19-May-15	<1.0	<1.0	3.6	<1.5	<1.0	45
	17-Nov-14	<1.0	<1.0	15	<1.5	<1.0	98.9
	2-May-14	<1.0	<1.0	7.5	<1.5	<1.0	124
	1-Oct-13	Well Paved Over[1]					
	25-Mar-13	<1.0	<1.0	32	<1.5	<1.0	399
	22-Aug-12	<1.0	<1.0	6.9	<1.5	<1.0	55.3
	21-Feb-12	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0
	26-Dec-06	NS	NS	NS	NS	NS	NS
	25-Sep-06	<1.0	<1.0	12	<3.0	<1.5	188
	17-May-06	NS	NS	NS	NS	NS	NS
	31-Jan-06	NS	NS	NS	NS	NS	NS
	3-Nov-05	NS	NS	NS	NS	NS	NS
	28-Jul-05	<5.0	<5.0	250	42	<5.0	400
	6-May-04	<1.0	<1.0	110	96	<1.0	164
	Jan-98	ND	190	1700	5,600	ND	NA
W-36	19-May-15	<1.0	<1.0	2.6	<1.5	<1.0	31
	17-Nov-14	<1.0	<1.0	3.8	<1.5	<1.0	17
	2-May-14	<1.0	<1.0	2.4	<1.5	<1.0	12
	1-Oct-13	Well Paved Over[1]					
	25-Mar-13	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0
	22-Aug-12	<1.0	<1.0	2.3	<1.5	<1.0	11
	21-Feb-12	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0
	26-Dec-06	<1.0	<1.0	15	4.5	<1.5	55.3
	25-Sep-06	<1.0	<1.0	23	3.0	<1.5	81.7
	17-May-06	<1.0	<1.0	3.0	<3.0	<1.5	4.1
	31-Jan-06	<1.0	<1.0	<1.0	<1.0	<1.0	<10.0
	3-Nov-05	<1.0	<1.0	2.9	3.6	<1.0	3.3
	28-Jul-05	<1.0	<1.0	55	77	<1.0	76.5
	6-May-04	<10	<10	190	390	<10	230
	Jan-98	ND	4.4	39	56	12	NA
W-37	1-May-14	Plugged and Abandoned					
	1-Oct-13	Well Paved Over					
	25-Mar-13	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0
	22-Aug-12	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0
	21-Feb-12	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0
	26-Dec-06	NS	NS	NS	NS	NS	NS
	25-Sep-06	<1.0	<1.0	12	<3.0	<1.5	<10.0
	17-May-06	NS	NS	NS	NS	NS	NS
	31-Jan-06	NS	NS	NS	NS	NS	NS
	3-Nov-05	NS	NS	NS	NS	NS	NS
	28-Jul-05	<1.0	<1.0	<1.0	<1.0	<1.0	<10.0
	6-May-04	<1.0	<1.0	<1.0	<1.0	<1.0	<10.0
	Jun-94	<0.5	<0.5	<0.5	<0.5	<2.5	NA

NOTES:

[1] In May 2014, well was uncovered and a new vault cover, a new well seal, and a new "j-plug" were emplaced.

All data reported prior to 2012 from *Groundwater Monitoring Report, Atex #213 UST Release Site - Albuquerque, New Mexico* (Souder Miller Associates, 2007)

All concentrations reported in parts per billion (micrograms per liter)

NA = Not analyzed

NS = Not sampled

ND = Not detected

MTBE = methyl tertiary butyl ether

TABLE 4. SUMMARY OF FIELD PARAMETERS
ATEX 213, ALBUQUERQUE, NEW MEXICO

Well Number	Date Sampled	pH	SpC (µS/cm)	Temp	DO (mg/L)
MW-1	1-Oct-13	DRY - Plugged and Abandoned April 2014			
	25-Mar-13	DRY			
	22-Aug-12	DRY			
	21-Feb-12	DRY			
MW-1R	19-May-15	Well bailed dry			
	17-Nov-14	7.56	913	21.8	1.18
	1-May-14	7.8	803	19.4	1.55
MW-2	19-May-15	7.21	816	19.1	1.86
	17-Nov-14	7.1	1,009	22.9	1.70
	1-May-14	7.63	981	18.8	1.40
	1-Oct-13	6.31	1,023	25.5	--
	25-Mar-13	6.29	1,111	18.4	1.04
	22-Aug-12	8.17	950	24.5	1.31
	21-Feb-12	NM	761	19.7	1.35
MW-3	19-May-15	7.52	994	19.8	3.33
	17-Nov-14	7.45	941	20.9	1.35
	1-May-14	7.70	1,043	19.1	1.77
	10-Oct-13	7.23	942	22.6	1.15
	25-Mar-13	6.64	1,021	17.6	0.97
	23-Aug-12	8.48	963	20.9	1.07
	21-Feb-12	NM	898	18.4	1.15
MW-4	1-Oct-13	Well Destroyed - Plugged and Abandoned April 2014			
	25-Mar-13	6.42	946	18.0	1.20
	23-Aug-12	8.11	980	24.9	1.38
	22-Feb-12	6.09	981	13.8	1.21
MW-4R	19-May-15	7.60	664	19.8	1.32
	17-Nov-14	7.50	649	21.6	0.85
	1-May-14	7.69	922	20.0	2.18
MW-5	1-Oct-13	DRY - Plugged and Abandoned April 2014			
	25-Mar-13	DRY			
	22-Aug-12	DRY			
	21-Feb-12	DRY			
MW-6	29-Apr-14	DRY - Plugged and Abandoned April 2014			
	1-Oct-13[1]	NM	NM	NM	NM
	25-Mar-13	NM	NM	NM	NM
	22-Aug-12	NM	NM	NM	NM
	22-Feb-12	6.37	6,310	15.6	NM
MW-6R	17-Nov-14	Well Destroyed			
	1-May-14	7.93	880	20.0	2.19
MW-6RR	19-May-15	7.54	734	19.7	1.1
	22-Dec-14	7.18	815	21.1	10.4

TABLE 4. SUMMARY OF FIELD PARAMETERS
ATEX 213, ALBUQUERQUE, NEW MEXICO

Well Number	Date Sampled	pH	SpC (µS/cm)	Temp	DO (mg/L)
MW-29	1-May-14	Plugged and Abandoned May 2014			
	1-Oct-13	6.29	1,024	24.9	--
	25-Mar-13	6.35	1,231	16.2	1.34
	23-Aug-12	7.18	1,179	26.3	0.99
	21-Feb-12	NM	884	16.7	1.82
MW-38	19-May-15	7.06	488	19.3	2.82
	17-Nov-14	7.2	880	21.7	1.76
	1-May-14	7.59	984	19.0	1.53
	1-Oct-13	6.13	1,003	25.4	--
	25-Mar-13	6.41	1,034	17.4	0.77
	23-Aug-12	7.79	1,090	25.1	2.1
	21-Feb-12	NM	859	17.8	1.08
BB-2	19-May-15	7.44	882	18.1	2.39
	17-Nov-14	7.37	862	19.8	1.92
	1-May-14	7.77	945	17.7	1.74
	1-Oct-13	6.27	952	23.2	--
	25-Mar-13	6.43	1,009	17.1	1.47
	23-Aug-12	7.61	1,002	26.9	1.19
	21-Feb-12	NM	798	17.5	2.32
NMW-1	19-May-15	6.92	1,015	19.9	1.22
	17-Nov-14	7.09	986	23.1	1.06
	2-May-14	7.29	1,174	19.0	1.31
	1-Oct-13	6.30	1,091	26.0	--
	26-Mar-13	6.31	1,124	17.1	0.63
	23-Aug-12	8.43	1,066	24.1	1.11
	21-Feb-12	NM	904	18.2	1.18
RNMW-2	19-May-15	7.35	847	19.7	1.33
	17-Nov-14	7.32	871	22.2	0.56
	2-May-14	7.47	1,053	19.2	1.30
	1-Oct-13	6.49	1,051	24.5	--
	26-Mar-13	6.43	1,048	18.6	0.74
	22-Aug-12	7.84	1,176	23.1	1.28
	21-Feb-12	NM	852	19.3	1.14
RNMW-3	19-May-15	7.36	889	20.3	1.31
	17-Nov-14	7.32	1,007	22.5	1.48
	2-May-14	7.53	1,009	19.7	1.54
	1-Oct-13	6.37	1,065	25.0	--
	26-Mar-13	6.71	1,002	18.5	0.70
	23-Aug-12	8.28	1,128	25.2	1.21
	21-Feb-12	NM	976	19.1	1.52

TABLE 4. SUMMARY OF FIELD PARAMETERS
ATEX 213, ALBUQUERQUE, NEW MEXICO

Well Number	Date Sampled	pH	SpC (µS/cm)	Temp	DO (mg/L)
NMW-4	30-Apr-14	Plugged and Abandoned April 2014			
	1-Oct-131	NM	NM	NM	NM
	25-Mar-13	NM	NM	NM	NM
	23-Aug-12	NM	NM	NM	NM
	21-Feb-12	NM	NM	NM	NM
NMW-4R	19-May-15	7.44	784	19.2	2.12
	17-Nov-14	7.36	513	20.9	1.31
	1-May-14	Developed at 4 gallons per minute; ~180 gallons removed.			
W-34	1-Oct-13	Paved Over - Plugged and Abandoned May 2014			
	25-Mar-13	6.55	1,129	17.3	0.77
	22-Aug-12	7.59	822	23.4	1.02
	21-Feb-12	NM	820	18.5	1.07
W-35	19-May-15	7.37	889	21.0	1.78
	17-Nov-14	7.28	1065	22.6	2.48
	2-May-14	7.44	1148	19.5	0.91
	1-Oct-13	Paved Over - Well uncovered May 2014			
	25-Mar-13	6.63	1,238	16.7	0.84
	22-Aug-12	7.73	1,091	25.0	0.96
	21-Feb-12	NM	852	17.7	0.97
W-36	19-May-15	7.22	677	19.6	1.63
	17-Nov-14	7.24	847	22.1	1.66
	2-May-14	7.39	878	18.8	3.03
	1-Oct-13	Paved Over - Well uncovered May 2014			
	25-Mar-13	6.24	1,143	17.5	0.75
	22-Aug-12	8.14	976	24.6	1.06
	21-Feb-12	NM	863	18.0	1.25
W-37	1-Oct-13	Paved Over - Plugged and Abandoned May 2014			
	25-Mar-13	6.86	1,085	19.1	1.04
	22-Aug-12	6.82	1,012	24.3	1.15
	21-Feb-12	NM	819	19.9	1.21

NOTES:

[1] - Unable to obtain parameters due to extremely poor recharge

DO = Dissolved oxygen. Meter malfunctioning during the October 2013 event

mg/L = Milligrams per liter

NM = Not Measured

SpC = Specific conductance measured in micro siemens per centimeter (µS/cm)

Temp = Temperature in degrees Celsius

-- = meter malfunction, parameter not taken

µS/cm = Microsiemens per centimeter

FIGURES

LEGEND:

- MW-2 — MONITORING WELL
- MW-6 P&A — MONITORING WELL PLUGGED AND ABANDONED

50 25 0 50

SCALE IN FEET

ATEX #213
SOUTH VALLEY AREA,
ALBUQUERQUE, BERNALILLO COUNTY,
NEW MEXICO

FIGURE 1
SITE MAP
MAY 2015

PROJECT #:	6289802	PROJECT PHASE:	01	PROJECT MANAGER:	LA

EA ENGINEERING, SCIENCE, AND TECHNOLOGY, INC. PBC
320 Gold Avenue, SW Suite 1210
Albuquerque, NM 87102
Phone: (505) 224-9013
Fax: (505) 224-9016

LEGEND:

MW-1R 4920.37	MONITORING WELL
MW-6 P&A	MONITORING WELL PLUGGED AND ABANDONED
4923.00	GROUNDWATER CONTOURS, (DASHED WHERE INFERRED) FEET ABOVE MEAN SEA LEVEL
→	GROUNDWATER FLOW DIRECTION
*	NOT USED IN POTENTIOMETRIC CONTOURING

N

50 25 0 50

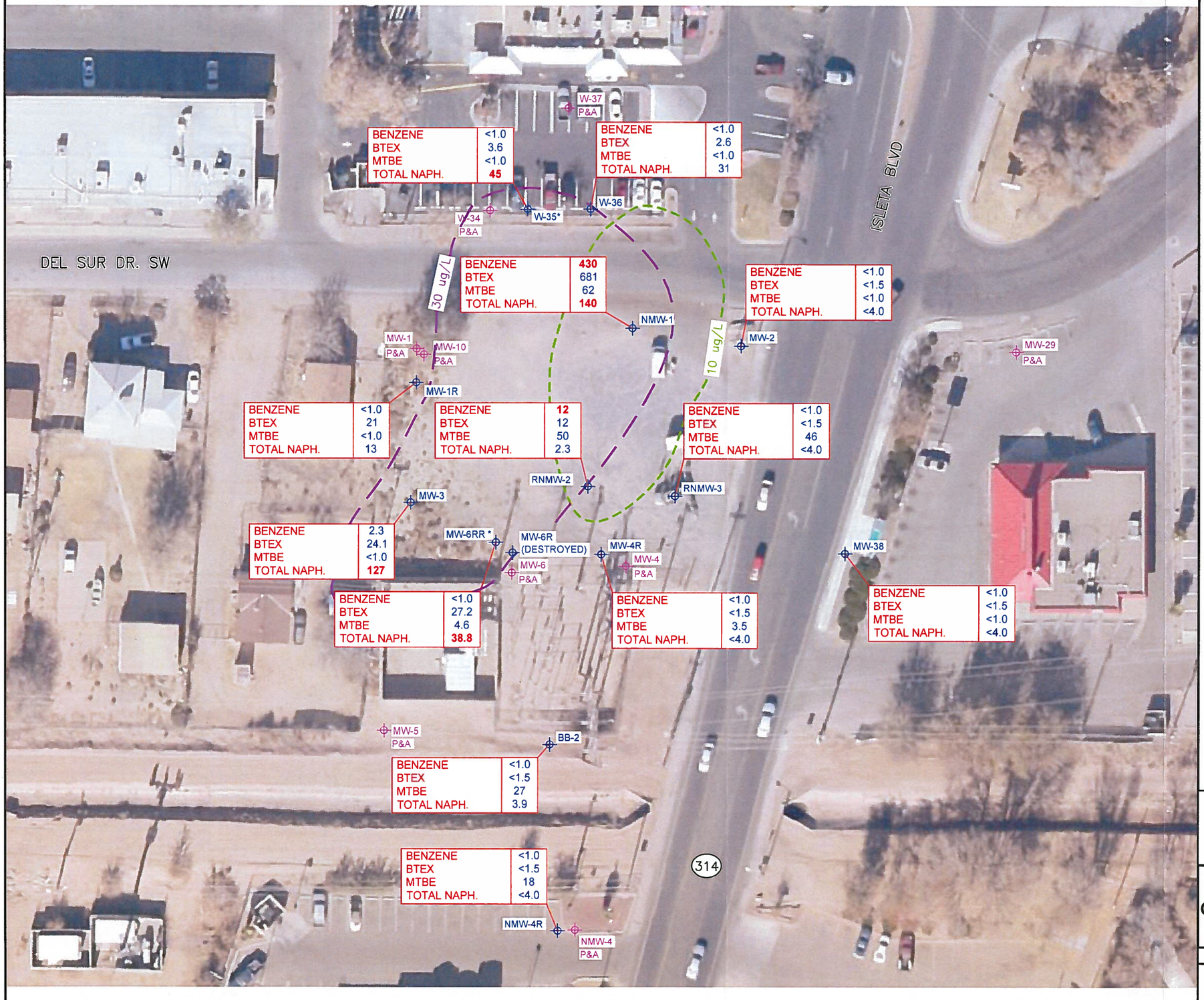
SCALE IN FEET

ATEX #213
SOUTH VALLEY AREA,
ALBUQUERQUE, BERNALILLO COUNTY,
NEW MEXICO

FIGURE 2
POTENTIOMETRIC SURFACE MAP
MAY 2015

PROJECT #:	6289802	PROJECT PHASE:	01	PROJECT MANAGER:	LA

EA ENGINEERING, SCIENCE, AND TECHNOLOGY, INC. PBC
320 Gold Avenue, SW Suite 1210
Albuquerque, NM 87102
Phone: (505) 224-9013
Fax: (505) 224-9018



LEGEND:

MW-2	MONITORING WELL
MW-6 P&A	MONITORING WELL PLUGGED AND ABANDONED
BTEX	BENZENE, TOLUENE, ETHYLBENZENE, TOTAL XYLENES
MTBE	METHYL TERTIARY BUTYL ETHER
TOTAL NAPH.	TOTAL NAPHTHALENES
– – –	ESTIMATED EXTENT OF BENZENE (10 ug/L)
— — —	ESTIMATED EXTENT OF TOTAL NAPHTHALENES (30 ug/L)
*	WELL INSTALLED 12/22/2014

NOTES:
1. ALL CONCENTRATIONS ARE IN MICROGRAMS PER LITER (ug/L)
2. **RED** TEXT INDICATES CONCENTRATIONS ARE ABOVE NEW MEXICO WATER QUALITY CONTROL COMMISSION (NMWQCC) STANDARDS.

N

50 25 0 50

SCALE IN FEET

ATEX #213
SOUTH VALLEY AREA,
ALBUQUERQUE, BERNALILLO COUNTY,
NEW MEXICO

FIGURE 3
CONTAMINANT CONCENTRATION MAP
MAY 2015

PROJECT #:	6289802	PROJECT PHASE:	01	PROJECT MANAGER:	LA

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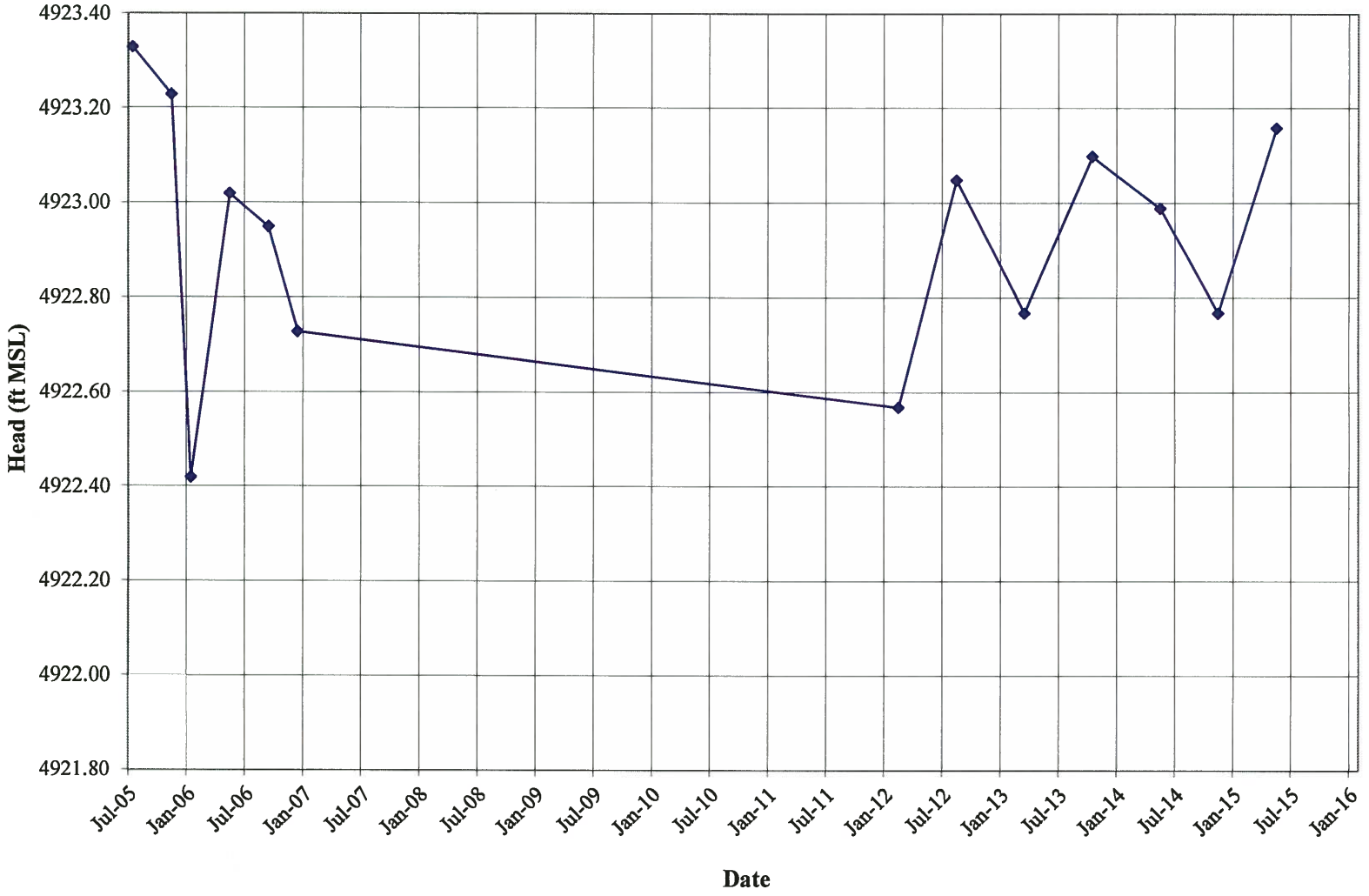
Albuquerque, NM 87102
Phone: (505) 224-9013
Fax: (505) 224-9016
EA ENGINEERING, SCIENCE, AND TECHNOLOGY, INC. PBC

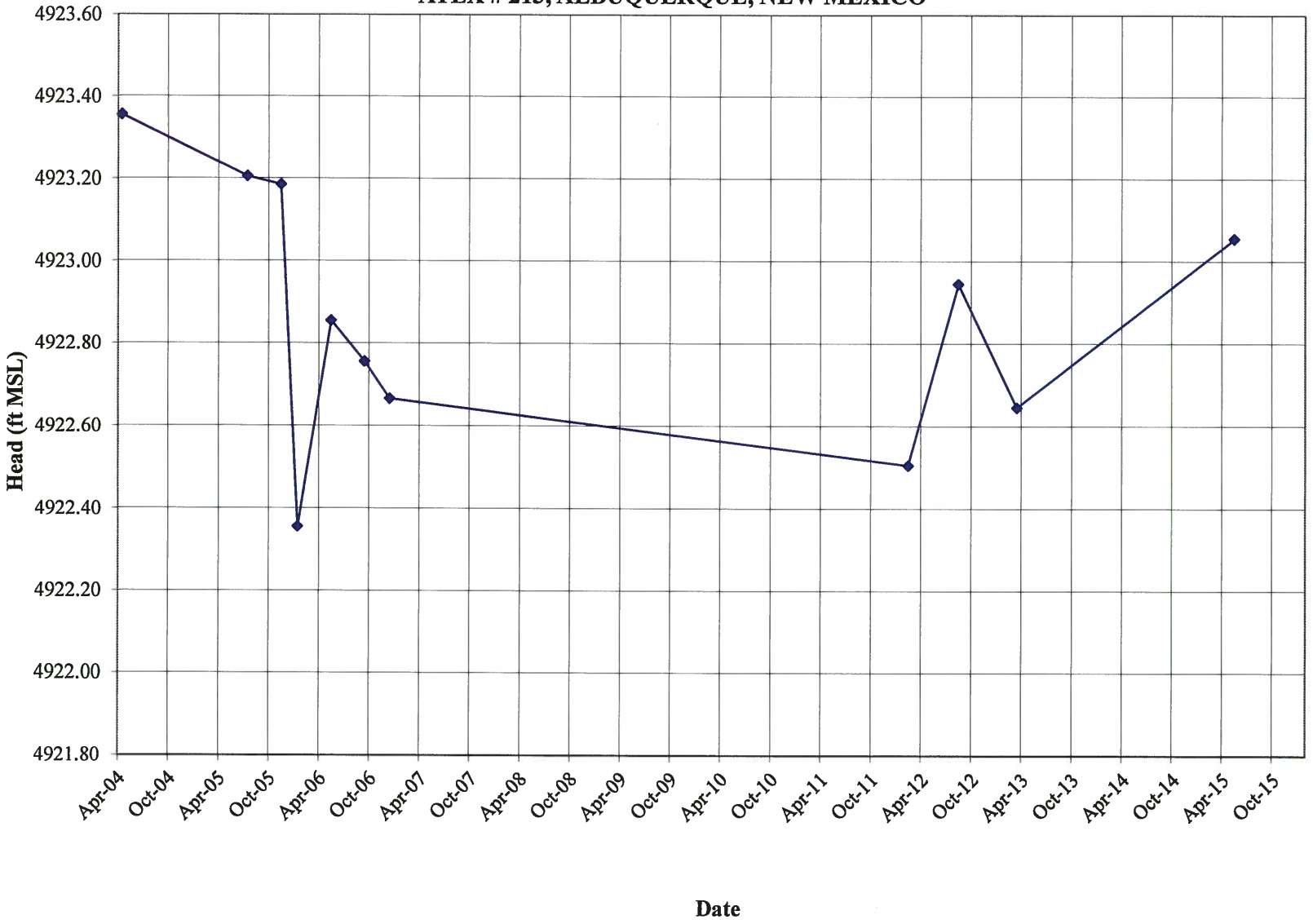
APPENDIX A

HYDROGRAPHS AND CONCENTRATION TRENDS

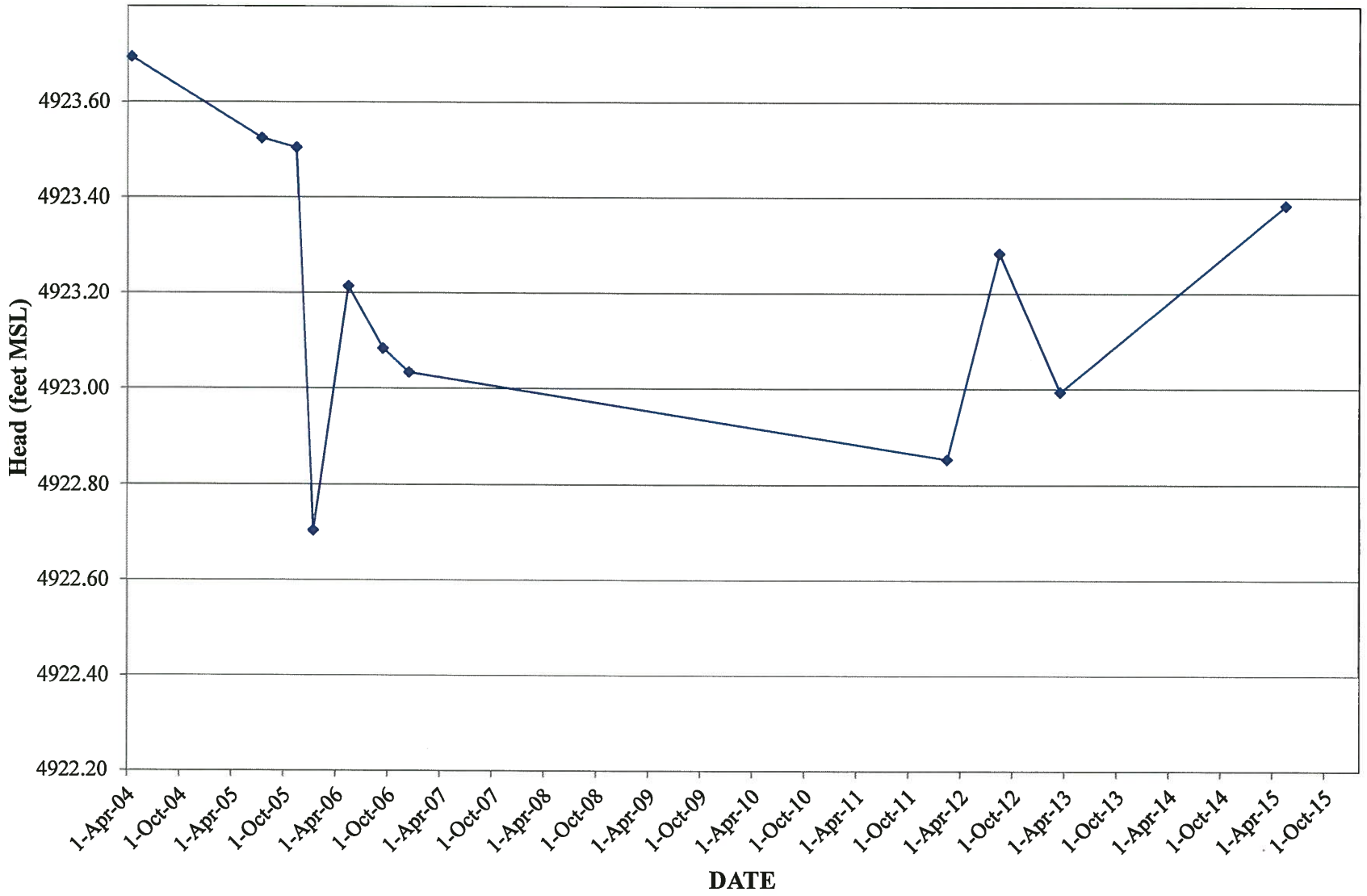
HYDROGRAPH FOR WELL RNMW-3
ATEX # 213, ALBUQUERQUE, NEW MEXICO



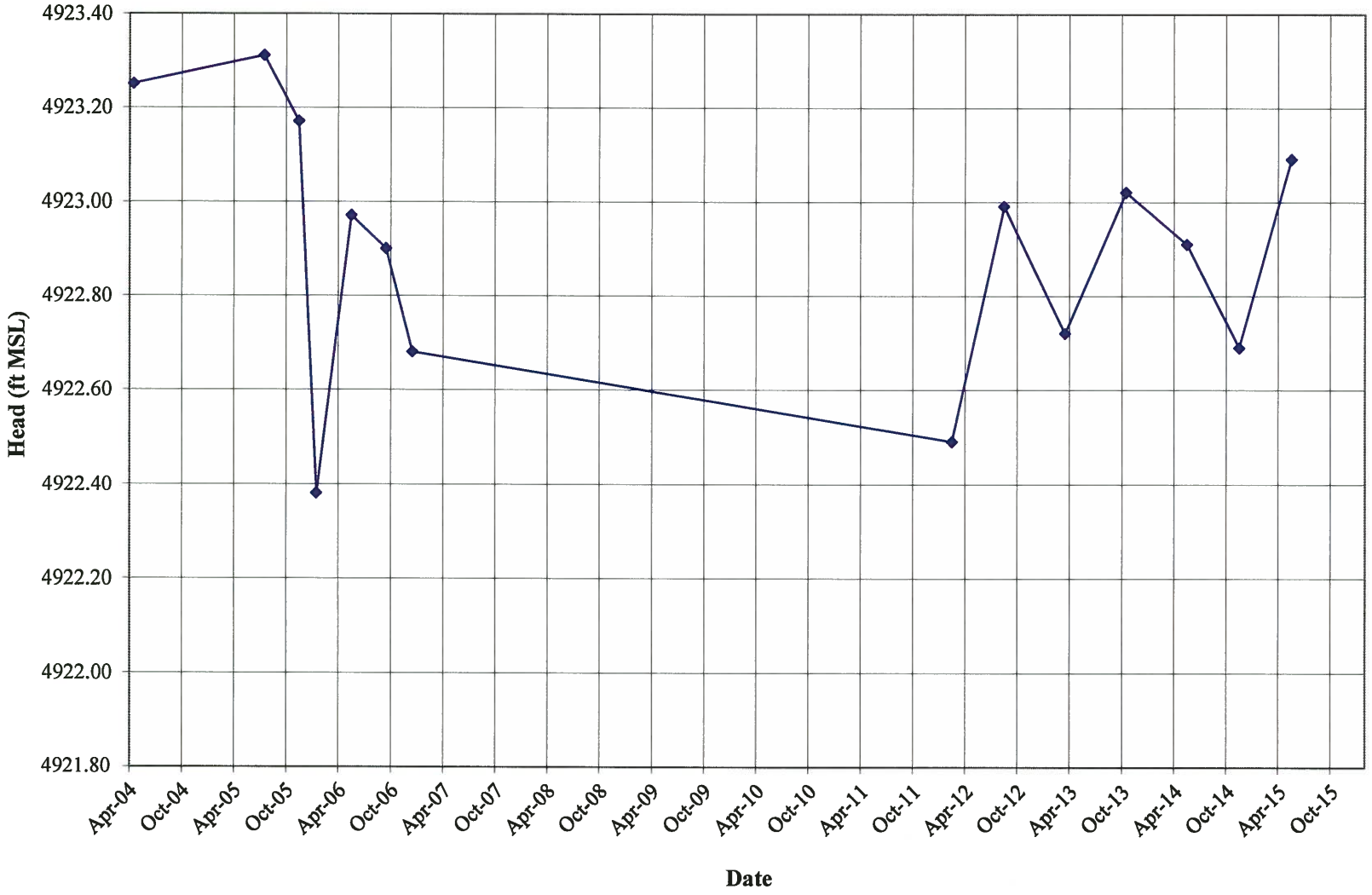
HYDROGRAPH FOR WELL W-35
ATEX # 213, ALBUQUERQUE, NEW MEXICO



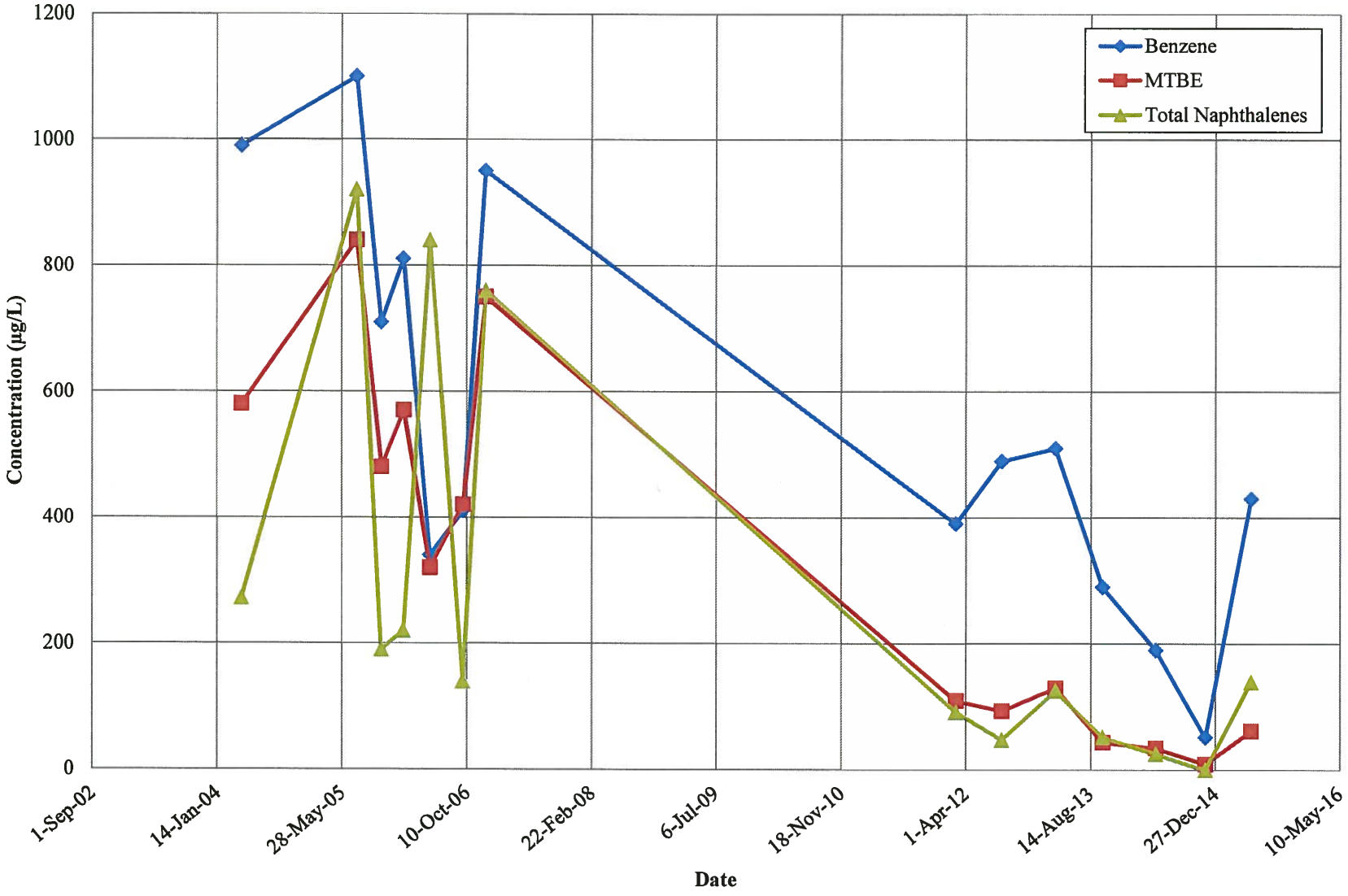
HYDROGRAPH FOR WELL W-36
ATEX # 213, ALBUQUERQUE, NEW MEXICO



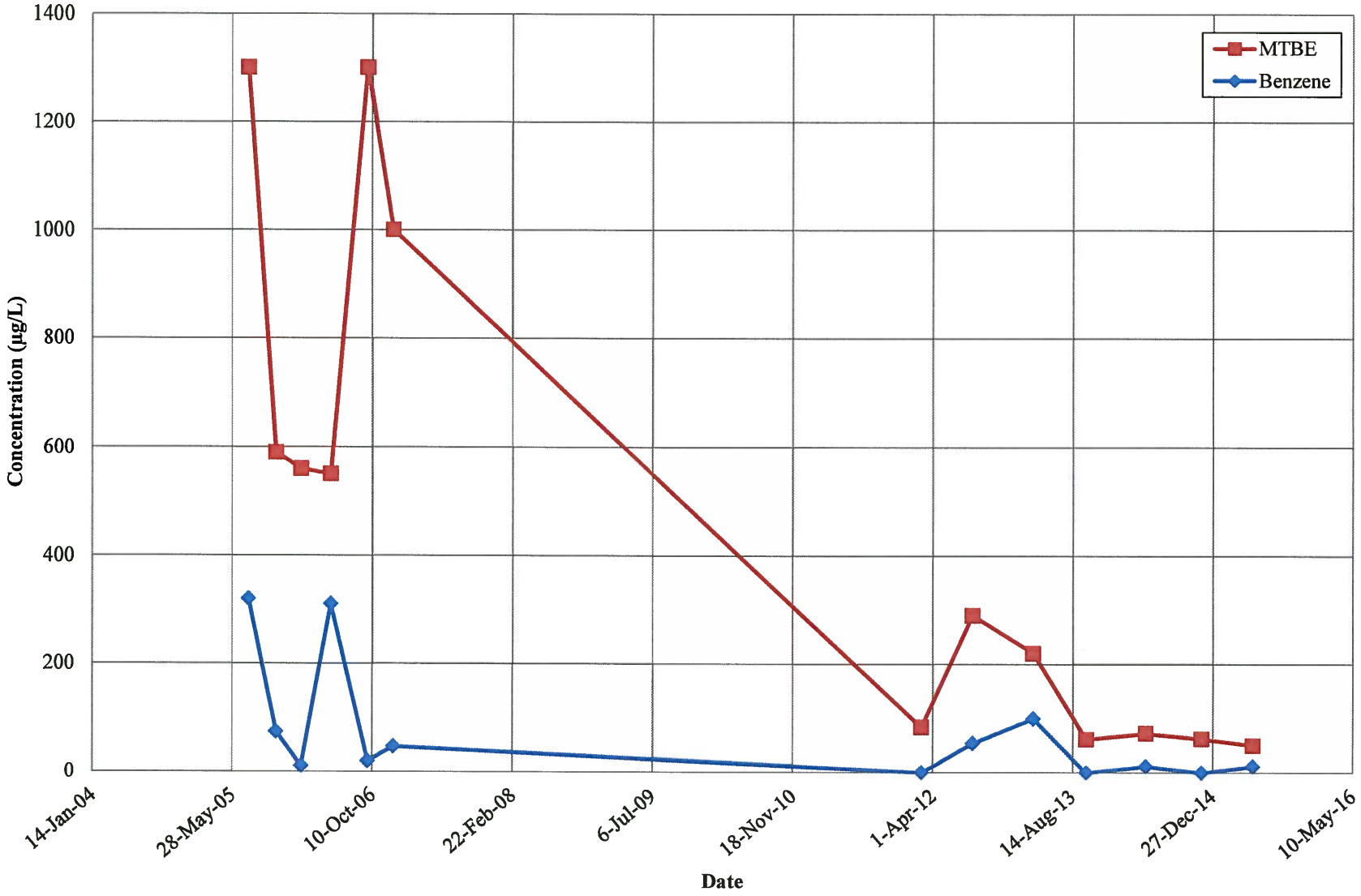
HYDROGRAPH FOR WELL MW-38
ATEX # 213, ALBUQUERQUE, NEW MEXICO



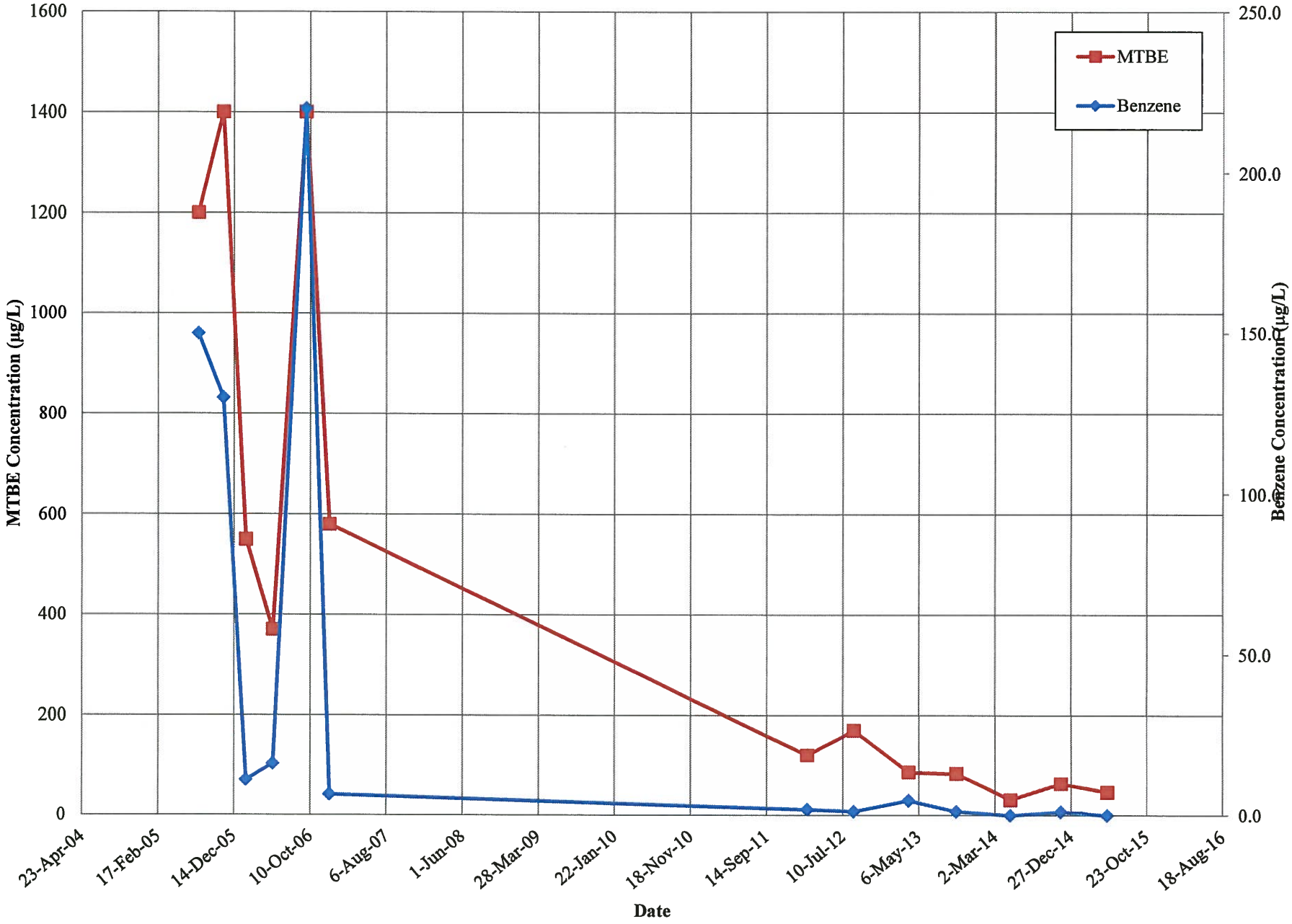
CONCENTRATION TRENDS IN NMW-1
ATEX # 213, ALBUQUERQUE, NEW MEXICO



CONCENTRATION TRENDS IN RNMW-2
ATEX # 213, ALBUQUERQUE, NEW MEXICO



CONCENTRATION TRENDS IN RNMW-3
ATEX # 213, ALBUQUERQUE, NEW MEXICO



APPENDIX B

FIELD FORMS

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: MW-38
Site: AHx 23
Date gauged: 5/19/15
Time gauged: 0758

Depth to PSH: — Feet
Well diameter: 2 Inches
Depth to water: 8.78 Feet
Height of fluid column: 3.2 Feet
Total depth: 11.98 Feet
Volume in well: 0.54 Gallons
NAPL thickness: — Feet

(3 well volumes = 1.62 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 Bailer

Time	Purge Volume (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
0803	0.25	18.8	970	7.02		2.87
0805	1.0	19.2	989	7.06		
0807	1.5	19.3	988	7.06		

Actual purge volume: 1.75 gal.
Field measurements stabilized within ± 10%? Y
Time/date sampled: 0808
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	5/14/15
Site	Atlx 23	Time gauged	0825
Depth to PSH	— Feet	Well diameter	2 Inches
Depth to water	11.59 Feet	Height of fluid column	6.06 Feet
Total depth	17.65 Feet	Volume in well	1.03 Gallons
NAPL thickness	— Feet		

(3 well volumes = 3.09 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)
0830	0.25	18.7	848	7.10		1.86
0832	1.5	19.1	842	7.09		
0834	3.0	19.1	816	7.21		

Actual purge volume 3.25 gal. Field measurements stabilized within ± 10%? Y

Time/date sampled 0835 Purged/sampled by

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: BB-2
Site: AFG 213
Depth to PSH: — Feet
Depth to water: 11.56 Feet
Total depth: 14.44 Feet
NAPL thickness: — Feet

Date gauged: 5/4/15
Time gauged: 0845
Well diameter: 2 Inches
Height of fluid column: 2.88 Feet
Volume in well: 0.49 Gallons

(3 well volumes = 1.47 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)
0848	0.25	18.3	844	7.47	|	2.34
0851	0.75	18.1	879	7.45	|	|
0852	1.25	18.1	882	7.44	|	|

Actual purge volume: 1.5 gal.
Field measurements stabilized within ± 10%? Y
Time/date sampled: 0855
Purged/sampled by: CJ
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: NMW-4R
Site: Atex 213
Date gauged: 5/19/15
Time gauged: 0907

Depth to PSH: — Feet
Well diameter: 2 Inches
Depth to water: 9.68 Feet
Height of fluid column: 10.12 Feet
Total depth: 19.80 Feet
Volume in well: 1.7 Gallons
NAPL thickness: — Feet

(3 well volumes = 5.1 gallons)

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

GROUNDWATER SAMPLING DATA

Time/date purged: _____
Purge Method: Hand Bail

Time	Purge Volume (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
0912	0.25	19.3	785	7.45	|	2.12
0914	2.5	19.3	786	7.44	|	|
0917	5.0	19.2	784	7.44	|	|

Actual purge volume: 5.25 gal.
Field measurements stabilized within ± 10%? Y
Time/date sampled: 0919
Purged/sampled by: EJ
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: RNMW-2
Site: Atlx 213
Date gauged: 5/19/15
Time gauged: 0937

Depth to PSH: — Feet
Well diameter: 2 Inches
Depth to water: 10.27 Feet
Height of fluid column: 4.95 Feet
Total depth: 15.22 Feet
Volume in well: 0.84 Gallons
NAPL thickness: — Feet

(3 well volumes = 2.5 gallons)

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

GROUNDWATER SAMPLING DATA

Time/date purged: _____
Purge Method: Hand Bail

Time	Purge Volume (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
0939	0.25	19.9	853	7.39		1.33
0941	1.75	19.8	845	7.37		1
0944	2.5	19.7	847	7.35		1

Actual purge volume: 2.75 gal.
Field measurements stabilized within ± 10%? Y
Time/date sampled: 0946
Purged/sampled by:
Sample method: Disposable Bailer
Requested analyses: 8260B
Comments/observations: Strong H-C odor

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	MW-1R	Date gauged	5/19/15
Site	Area 213	Time gauged	0958
Depth to PSH	— Feet	Well diameter	2 Inches
Depth to water	8.86 Feet	Height of fluid column	0.25 Feet
Total depth	9.11 Feet	Volume in well	0.04 Gallons
NAPL thickness	— Feet		

(3 well volumes = 0.12 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)

Actual purge volume ~0.2 gal. Field measurements stabilized within ± 10%? _____

Time/date sampled 1005 Purged/sampled by _____

Sample method Disposable Bailer

Requested analyses 8260B

Comments/observations Not enough water for field measurements
Sample immediately

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: MW-4R
Site: ALB 213
Date gauged: 5/19/15
Time gauged: 1017
Depth to PSH: — Feet
Well diameter: 2 Inches
Depth to water: 10.36 Feet
Height of fluid column: 10.6 Feet
Total depth: 20.99 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: _____
Purge Method: Hand Bail

Time	Purge Volume (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
1020	0.25	20.1	677	7.64	|	1.32
1023	2.5	19.8	661	7.44	|	|
1025	5.25	19.8	664	7.60	|	|

Actual purge volume: 5.5 gal.
Field measurements stabilized within ± 10%? Y
Time/date sampled: 1027
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: W-36
Site: Atex 43
Date gauged: 5/19/15
Time gauged: 1045

Depth to PSH: — Feet
Well diameter: 2 Inches
Depth to water: 8.62 Feet
Height of fluid column: 3.38 Feet
Total depth: 12.00 Feet
Volume in well: 0.57 Gallons
NAPL thickness: / Feet

(3 well volumes = 1.71 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: _____

Time	Purge Volume (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
1050	0.25	19.5	653	7.17	|	1.63
1052	1.0	19.5	671	7.20	|	|
1054	1.5	19.6	677	7.22	|	|

Actual purge volume: 1.75 gal.
Field measurements stabilized within ± 10%? Y
Time/date sampled: 1056
Purged/sampled by: [signature]

Sample method: Disposable Bailer
Requested analyses: 8260B
Comments/observations: H-C odor Vault filled w/ water, bailed prior to opening well cap

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	W-35	Date gauged	5/19/15
Site	Area 213	Time gauged	1117
Depth to PSH	— Feet	Well diameter	2 Inches
Depth to water	8.44 Feet	Height of fluid column	5.28 Feet
Total depth	13.72 Feet	Volume in well	0.89 Gallons
NAPL thickness	— Feet		

(3 well volumes = 2.67 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)
1122	0.25	20.2	820	7.44		1.78
1124	1.25	20.5	877	7.34		
1126	2.5	21.0	889	7.37		

Actual purge volume 2.75 gal. Field measurements stabilized within ± 10%? Y

Time/date sampled 1128 Purged/sampled by [signature]

Sample method Disposable Bailer

Requested analyses 8260B

Comments/observations Vault filled w/ water, bailed before removing cap

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: RNMW-3
Site: Area 213
Date gauged: 5/9/15
Time gauged: 1217

Depth to PSH: — Feet
Well diameter: 2 Inches
Depth to water: 10.06 Feet
Height of fluid column: 5.8 Feet
Total depth: 15.86 Feet
Volume in well: 0.99 Gallons
NAPL thickness: — Feet
(3 well volumes = 2.97 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)
1221	0.25	20.9	932	7.31	|	1.31
1224	1.5	20.6	907	7.34	|	|
1226	2.75	20.3	889	7.36	|	|

Actual purge volume: 3.0 gal.
Field measurements stabilized within ± 10%? Y
Time/date sampled: 1228
Purged/sampled by: CJ Y
Sample method: Disposable Bailer
Requested analyses: 8260B
Comments/observations: Strong H2S Odor

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: MW-3
Site: Att 213
Date gauged: 5/19/15
Time gauged: 1240
Depth to PSH: — Feet
Well diameter: 2 Inches
Depth to water: 9.82 Feet
Height of fluid column: 6.18 Feet
Total depth: 16.00 Feet
Volume in well: 1.05 Gallons
NAPL thickness: — Feet
(3 well volumes = 3.15 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)
1243	0.25	20.7	1019	7.42		3.33
1245	1.5	20.8	1024	7.51		1
1247	3.0	19.8	944	7.52		

Actual purge volume: 3.25 gal.
Field measurements stabilized within ± 10%? Y
Time/date sampled: 1250
Purged/sampled by:
Sample method: Disposable Bailer
Requested analyses: 8260B
Comments/observations: Strong H-C odor. Dark color

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	NMW-1	Date gauged	5/19/15
Site	Aztec 213	Time gauged	1257
Depth to PSH	— Feet	Well diameter	2 Inches
Depth to water	9.38 Feet	Height of fluid column	5.64 Feet
Total depth	15.02 Feet	Volume in well	0.96 Gallons
NAPL thickness	— Feet		

(3 well volumes = 2.88 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)
1301	0.25	21.3	1007	7.77		1.22
1303	1.5	20.7	1018	7.48		
1306	2.75	19.9	1015	6.92		

Actual purge volume 3.0 gal. Field measurements stabilized within ± 10%? Y

Time/date sampled 1309 Purged/sampled by

Sample method Disposable Bailer

Requested analyses 8260B

Comments/observations Strong H-C odor, dark color, light sheen

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-6RR
Site: Afex 213
Depth to PSH: — Feet
Depth to water: 10.73 Feet
Total depth: ~~19.86~~ 19.86 Feet
NAPL thickness: — Feet

Date gauged: 5/19/15
Time gauged: 1318
Well diameter: 2 Inches
Height of fluid column: 9.13 Feet
Volume in well: 1.55 Gallons

(3 well volumes = 4.65 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)
1324	0.25	20.3	706	7.54		2.10
1326	2.5	19.9	735	7.54		
1329	4.5	19.7	734	7.54		

Actual purge volume: 4.75 gal.
Field measurements stabilized within ± 10%? Y
Time/date sampled: 1332
Purged/sampled by: [signature]
Sample method: Disposable Bailer
Requested analyses: E200B
Comments/observations:

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

Chain-of-Custody Record

Client: EA Engineering

Mailing Address: 320 Gold Ave SW #1210
Albuquerque NM 87102

Phone #: 505 224 9013

email or Fax#: laudress@Qwest.com

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)

Accreditation
☐ NELAP ☐ Other _____

☐ EDD (Type) _____

Turn-Around Time:
☐ Standard ☐ Rush _____

Project Name: Alex 213

Project #: 622-1802

Project Manager: Lael Andress

Sampler: Colton Lake

On Ice: ☑ Yes ☐ No

Sample Temperature: 4.2

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)
5/14/15	1308	Aq	MW-38	3x VOA	$HgCl_2$											X						
	0935		MW-2																			
	1055		EB-2																			
	1114		NMW-4R																			
	0946		RNMW-2																			
	1005		MW-1R																			
	1027		MW-4R																			
	1056		LW-36																			
	1125		LW-35																			
	1228		RNMW-3																			
	1250		MW-3																			
	1304		NMW-1																			

Date:	Time:	Relinquished by:	Received by:	Date	Time
5/14/15	1430			05/14/15	1430
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 #1710
Albuquerque, NM 87102

Phone #: 505 224 4013

email or Fax#: [illegible]@Parejt.com

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)

Accreditation
☐ NELAP ☐ Other _____

☐ EDD (Type) _____

Turn-Around Time:
☐ Standard ☐ Rush _____

Project Name: Flex 213

Project #: 6784802

Project Manager: Lane Andress

Sampler: Colton Lake

On Ice: ☑ Yes ☐ No

Sample Temperature: 4.2

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

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)
5/11/15	1332	Aq	MW-6RR	3x VOA	H_2Cl_2											X						

Date:	Time:	Relinquished by:	Received by:	Date	Time
5/11/15	1430	[signature]	[signature]	05/11/15	14:30
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.

APPENDIX C

LABORATORY REPORT

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

June 02, 2015

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

RE: Atex 213 OrderNo.: 1505857

Dear Lane Andress:

Hall Environmental Analysis Laboratory received 14 sample(s) on 5/19/2015 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: Atex 213
Lab ID: 1505857-001 **Matrix:** AQUEOUS

Client Sample ID: MW-38
Collection Date: 5/19/2015 8:08:00 AM
Received Date: 5/19/2015 2:30:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**	
Benzene	ND	1.0		µg/L	1	5/22/2015 3:18:55 PM	R26389
Toluene	ND	1.0		µg/L	1	5/22/2015 3:18:55 PM	R26389
Ethylbenzene	ND	1.0		µg/L	1	5/22/2015 3:18:55 PM	R26389
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	5/22/2015 3:18:55 PM	R26389
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	5/22/2015 3:18:55 PM	R26389
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	5/22/2015 3:18:55 PM	R26389
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	5/22/2015 3:18:55 PM	R26389
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	5/22/2015 3:18:55 PM	R26389
Naphthalene	ND	2.0		µg/L	1	5/22/2015 3:18:55 PM	R26389
1-Methylnaphthalene	ND	4.0		µg/L	1	5/22/2015 3:18:55 PM	R26389
2-Methylnaphthalene	ND	4.0		µg/L	1	5/22/2015 3:18:55 PM	R26389
Acetone	ND	10		µg/L	1	5/22/2015 3:18:55 PM	R26389
Bromobenzene	ND	1.0		µg/L	1	5/22/2015 3:18:55 PM	R26389
Bromodichloromethane	ND	1.0		µg/L	1	5/22/2015 3:18:55 PM	R26389
Bromoform	ND	1.0		µg/L	1	5/22/2015 3:18:55 PM	R26389
Bromomethane	ND	3.0		µg/L	1	5/22/2015 3:18:55 PM	R26389
2-Butanone	ND	10		µg/L	1	5/22/2015 3:18:55 PM	R26389
Carbon disulfide	ND	10		µg/L	1	5/22/2015 3:18:55 PM	R26389
Carbon Tetrachloride	ND	1.0		µg/L	1	5/22/2015 3:18:55 PM	R26389
Chlorobenzene	ND	1.0		µg/L	1	5/22/2015 3:18:55 PM	R26389
Chloroethane	ND	2.0		µg/L	1	5/22/2015 3:18:55 PM	R26389
Chloroform	ND	1.0		µg/L	1	5/22/2015 3:18:55 PM	R26389
Chloromethane	ND	3.0		µg/L	1	5/22/2015 3:18:55 PM	R26389
2-Chlorotoluene	ND	1.0		µg/L	1	5/22/2015 3:18:55 PM	R26389
4-Chlorotoluene	ND	1.0		µg/L	1	5/22/2015 3:18:55 PM	R26389
cis-1,2-DCE	ND	1.0		µg/L	1	5/22/2015 3:18:55 PM	R26389
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	5/22/2015 3:18:55 PM	R26389
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	5/22/2015 3:18:55 PM	R26389
Dibromochloromethane	ND	1.0		µg/L	1	5/22/2015 3:18:55 PM	R26389
Dibromomethane	ND	1.0		µg/L	1	5/22/2015 3:18:55 PM	R26389
1,2-Dichlorobenzene	ND	1.0		µg/L	1	5/22/2015 3:18:55 PM	R26389
1,3-Dichlorobenzene	ND	1.0		µg/L	1	5/22/2015 3:18:55 PM	R26389
1,4-Dichlorobenzene	ND	1.0		µg/L	1	5/22/2015 3:18:55 PM	R26389
Dichlorodifluoromethane	ND	1.0		µg/L	1	5/22/2015 3:18:55 PM	R26389
1,1-Dichloroethane	ND	1.0		µg/L	1	5/22/2015 3:18:55 PM	R26389
1,1-Dichloroethene	ND	1.0		µg/L	1	5/22/2015 3:18:55 PM	R26389
1,2-Dichloropropane	ND	1.0		µg/L	1	5/22/2015 3:18:55 PM	R26389
1,3-Dichloropropane	ND	1.0		µg/L	1	5/22/2015 3:18:55 PM	R26389
2,2-Dichloropropane	ND	2.0		µg/L	1	5/22/2015 3:18:55 PM	R26389

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
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
O	RSD is greater than RSDlimit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Atex 213
Lab ID: 1505857-001
Matrix: AQUEOUS
Client Sample ID: MW-38
Collection Date: 5/19/2015 8:08:00 AM
Received Date: 5/19/2015 2:30:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**	
1,1-Dichloropropene	ND	1.0		µg/L	1	5/22/2015 3:18:55 PM	R26389
Hexachlorobutadiene	ND	1.0		µg/L	1	5/22/2015 3:18:55 PM	R26389
2-Hexanone	ND	10		µg/L	1	5/22/2015 3:18:55 PM	R26389
Isopropylbenzene	ND	1.0		µg/L	1	5/22/2015 3:18:55 PM	R26389
4-Isopropyltoluene	ND	1.0		µg/L	1	5/22/2015 3:18:55 PM	R26389
4-Methyl-2-pentanone	ND	10		µg/L	1	5/22/2015 3:18:55 PM	R26389
Methylene Chloride	ND	3.0		µg/L	1	5/22/2015 3:18:55 PM	R26389
n-Butylbenzene	ND	3.0		µg/L	1	5/22/2015 3:18:55 PM	R26389
n-Propylbenzene	ND	1.0		µg/L	1	5/22/2015 3:18:55 PM	R26389
sec-Butylbenzene	ND	1.0		µg/L	1	5/22/2015 3:18:55 PM	R26389
Styrene	ND	1.0		µg/L	1	5/22/2015 3:18:55 PM	R26389
tert-Butylbenzene	ND	1.0		µg/L	1	5/22/2015 3:18:55 PM	R26389
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	5/22/2015 3:18:55 PM	R26389
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	5/22/2015 3:18:55 PM	R26389
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	5/22/2015 3:18:55 PM	R26389
trans-1,2-DCE	ND	1.0		µg/L	1	5/22/2015 3:18:55 PM	R26389
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	5/22/2015 3:18:55 PM	R26389
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	5/22/2015 3:18:55 PM	R26389
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	5/22/2015 3:18:55 PM	R26389
1,1,1-Trichloroethane	ND	1.0		µg/L	1	5/22/2015 3:18:55 PM	R26389
1,1,2-Trichloroethane	ND	1.0		µg/L	1	5/22/2015 3:18:55 PM	R26389
Trichloroethene (TCE)	ND	1.0		µg/L	1	5/22/2015 3:18:55 PM	R26389
Trichlorofluoromethane	ND	1.0		µg/L	1	5/22/2015 3:18:55 PM	R26389
1,2,3-Trichloropropane	ND	2.0		µg/L	1	5/22/2015 3:18:55 PM	R26389
Vinyl chloride	ND	1.0		µg/L	1	5/22/2015 3:18:55 PM	R26389
Xylenes, Total	ND	1.5		µg/L	1	5/22/2015 3:18:55 PM	R26389
Surr: 1,2-Dichloroethane-d4	106	70-130		%REC	1	5/22/2015 3:18:55 PM	R26389
Surr: 4-Bromofluorobenzene	98.6	70-130		%REC	1	5/22/2015 3:18:55 PM	R26389
Surr: Dibromofluoromethane	97.4	70-130		%REC	1	5/22/2015 3:18:55 PM	R26389
Surr: Toluene-d8	102	70-130		%REC	1	5/22/2015 3:18:55 PM	R26389

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
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
O	RSD is greater than RSDlimit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Atex 213
Lab ID: 1505857-002
Matrix: AQUEOUS
Client Sample ID: MW-2
Collection Date: 5/19/2015 8:35:00 AM
Received Date: 5/19/2015 2:30:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**	
Benzene	ND	1.0		µg/L	1	5/22/2015 3:47:47 PM	R26389
Toluene	ND	1.0		µg/L	1	5/22/2015 3:47:47 PM	R26389
Ethylbenzene	ND	1.0		µg/L	1	5/22/2015 3:47:47 PM	R26389
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	5/22/2015 3:47:47 PM	R26389
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	5/22/2015 3:47:47 PM	R26389
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	5/22/2015 3:47:47 PM	R26389
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	5/22/2015 3:47:47 PM	R26389
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	5/22/2015 3:47:47 PM	R26389
Naphthalene	ND	2.0		µg/L	1	5/22/2015 3:47:47 PM	R26389
1-Methylnaphthalene	ND	4.0		µg/L	1	5/22/2015 3:47:47 PM	R26389
2-Methylnaphthalene	ND	4.0		µg/L	1	5/22/2015 3:47:47 PM	R26389
Acetone	ND	10		µg/L	1	5/22/2015 3:47:47 PM	R26389
Bromobenzene	ND	1.0		µg/L	1	5/22/2015 3:47:47 PM	R26389
Bromodichloromethane	ND	1.0		µg/L	1	5/22/2015 3:47:47 PM	R26389
Bromoform	ND	1.0		µg/L	1	5/22/2015 3:47:47 PM	R26389
Bromomethane	ND	3.0		µg/L	1	5/22/2015 3:47:47 PM	R26389
2-Butanone	ND	10		µg/L	1	5/22/2015 3:47:47 PM	R26389
Carbon disulfide	ND	10		µg/L	1	5/22/2015 3:47:47 PM	R26389
Carbon Tetrachloride	ND	1.0		µg/L	1	5/22/2015 3:47:47 PM	R26389
Chlorobenzene	ND	1.0		µg/L	1	5/22/2015 3:47:47 PM	R26389
Chloroethane	ND	2.0		µg/L	1	5/22/2015 3:47:47 PM	R26389
Chloroform	ND	1.0		µg/L	1	5/22/2015 3:47:47 PM	R26389
Chloromethane	ND	3.0		µg/L	1	5/22/2015 3:47:47 PM	R26389
2-Chlorotoluene	ND	1.0		µg/L	1	5/22/2015 3:47:47 PM	R26389
4-Chlorotoluene	ND	1.0		µg/L	1	5/22/2015 3:47:47 PM	R26389
cis-1,2-DCE	ND	1.0		µg/L	1	5/22/2015 3:47:47 PM	R26389
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	5/22/2015 3:47:47 PM	R26389
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	5/22/2015 3:47:47 PM	R26389
Dibromochloromethane	ND	1.0		µg/L	1	5/22/2015 3:47:47 PM	R26389
Dibromomethane	ND	1.0		µg/L	1	5/22/2015 3:47:47 PM	R26389
1,2-Dichlorobenzene	ND	1.0		µg/L	1	5/22/2015 3:47:47 PM	R26389
1,3-Dichlorobenzene	ND	1.0		µg/L	1	5/22/2015 3:47:47 PM	R26389
1,4-Dichlorobenzene	ND	1.0		µg/L	1	5/22/2015 3:47:47 PM	R26389
Dichlorodifluoromethane	ND	1.0		µg/L	1	5/22/2015 3:47:47 PM	R26389
1,1-Dichloroethane	ND	1.0		µg/L	1	5/22/2015 3:47:47 PM	R26389
1,1-Dichloroethene	ND	1.0		µg/L	1	5/22/2015 3:47:47 PM	R26389
1,2-Dichloropropane	ND	1.0		µg/L	1	5/22/2015 3:47:47 PM	R26389
1,3-Dichloropropane	ND	1.0		µg/L	1	5/22/2015 3:47:47 PM	R26389
2,2-Dichloropropane	ND	2.0		µg/L	1	5/22/2015 3:47:47 PM	R26389

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
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
O	RSD is greater than RSDlimit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Atex 213
Lab ID: 1505857-002
Matrix: AQUEOUS
Client Sample ID: MW-2
Collection Date: 5/19/2015 8:35:00 AM
Received Date: 5/19/2015 2:30:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**	
1,1-Dichloropropene	ND	1.0		µg/L	1	5/22/2015 3:47:47 PM	R26389
Hexachlorobutadiene	ND	1.0		µg/L	1	5/22/2015 3:47:47 PM	R26389
2-Hexanone	ND	10		µg/L	1	5/22/2015 3:47:47 PM	R26389
Isopropylbenzene	ND	1.0		µg/L	1	5/22/2015 3:47:47 PM	R26389
4-Isopropyltoluene	ND	1.0		µg/L	1	5/22/2015 3:47:47 PM	R26389
4-Methyl-2-pentanone	ND	10		µg/L	1	5/22/2015 3:47:47 PM	R26389
Methylene Chloride	ND	3.0		µg/L	1	5/22/2015 3:47:47 PM	R26389
n-Butylbenzene	ND	3.0		µg/L	1	5/22/2015 3:47:47 PM	R26389
n-Propylbenzene	ND	1.0		µg/L	1	5/22/2015 3:47:47 PM	R26389
sec-Butylbenzene	ND	1.0		µg/L	1	5/22/2015 3:47:47 PM	R26389
Styrene	ND	1.0		µg/L	1	5/22/2015 3:47:47 PM	R26389
tert-Butylbenzene	ND	1.0		µg/L	1	5/22/2015 3:47:47 PM	R26389
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	5/22/2015 3:47:47 PM	R26389
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	5/22/2015 3:47:47 PM	R26389
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	5/22/2015 3:47:47 PM	R26389
trans-1,2-DCE	ND	1.0		µg/L	1	5/22/2015 3:47:47 PM	R26389
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	5/22/2015 3:47:47 PM	R26389
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	5/22/2015 3:47:47 PM	R26389
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	5/22/2015 3:47:47 PM	R26389
1,1,1-Trichloroethane	ND	1.0		µg/L	1	5/22/2015 3:47:47 PM	R26389
1,1,2-Trichloroethane	ND	1.0		µg/L	1	5/22/2015 3:47:47 PM	R26389
Trichloroethene (TCE)	ND	1.0		µg/L	1	5/22/2015 3:47:47 PM	R26389
Trichlorofluoromethane	ND	1.0		µg/L	1	5/22/2015 3:47:47 PM	R26389
1,2,3-Trichloropropane	ND	2.0		µg/L	1	5/22/2015 3:47:47 PM	R26389
Vinyl chloride	ND	1.0		µg/L	1	5/22/2015 3:47:47 PM	R26389
Xylenes, Total	ND	1.5		µg/L	1	5/22/2015 3:47:47 PM	R26389
Surr: 1,2-Dichloroethane-d4	105	70-130		%REC	1	5/22/2015 3:47:47 PM	R26389
Surr: 4-Bromofluorobenzene	107	70-130		%REC	1	5/22/2015 3:47:47 PM	R26389
Surr: Dibromofluoromethane	99.1	70-130		%REC	1	5/22/2015 3:47:47 PM	R26389
Surr: Toluene-d8	94.0	70-130		%REC	1	5/22/2015 3:47:47 PM	R26389

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
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
O	RSD is greater than RSDlimit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Atex 213
Lab ID: 1505857-003
Matrix: AQUEOUS
Client Sample ID: BB-2
Collection Date: 5/19/2015 8:55:00 AM
Received Date: 5/19/2015 2:30:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**	
Benzene	ND	1.0		µg/L	1	5/22/2015 4:16:35 PM	R26389
Toluene	ND	1.0		µg/L	1	5/22/2015 4:16:35 PM	R26389
Ethylbenzene	ND	1.0		µg/L	1	5/22/2015 4:16:35 PM	R26389
Methyl tert-butyl ether (MTBE)	27	1.0		µg/L	1	5/22/2015 4:16:35 PM	R26389
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	5/22/2015 4:16:35 PM	R26389
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	5/22/2015 4:16:35 PM	R26389
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	5/22/2015 4:16:35 PM	R26389
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	5/22/2015 4:16:35 PM	R26389
Naphthalene	3.9	2.0		µg/L	1	5/22/2015 4:16:35 PM	R26389
1-Methylnaphthalene	ND	4.0		µg/L	1	5/22/2015 4:16:35 PM	R26389
2-Methylnaphthalene	ND	4.0		µg/L	1	5/22/2015 4:16:35 PM	R26389
Acetone	ND	10		µg/L	1	5/22/2015 4:16:35 PM	R26389
Bromobenzene	ND	1.0		µg/L	1	5/22/2015 4:16:35 PM	R26389
Bromodichloromethane	ND	1.0		µg/L	1	5/22/2015 4:16:35 PM	R26389
Bromoform	ND	1.0		µg/L	1	5/22/2015 4:16:35 PM	R26389
Bromomethane	ND	3.0		µg/L	1	5/22/2015 4:16:35 PM	R26389
2-Butanone	ND	10		µg/L	1	5/22/2015 4:16:35 PM	R26389
Carbon disulfide	ND	10		µg/L	1	5/22/2015 4:16:35 PM	R26389
Carbon Tetrachloride	ND	1.0		µg/L	1	5/22/2015 4:16:35 PM	R26389
Chlorobenzene	ND	1.0		µg/L	1	5/22/2015 4:16:35 PM	R26389
Chloroethane	ND	2.0		µg/L	1	5/22/2015 4:16:35 PM	R26389
Chloroform	ND	1.0		µg/L	1	5/22/2015 4:16:35 PM	R26389
Chloromethane	ND	3.0		µg/L	1	5/22/2015 4:16:35 PM	R26389
2-Chlorotoluene	ND	1.0		µg/L	1	5/22/2015 4:16:35 PM	R26389
4-Chlorotoluene	ND	1.0		µg/L	1	5/22/2015 4:16:35 PM	R26389
cis-1,2-DCE	ND	1.0		µg/L	1	5/22/2015 4:16:35 PM	R26389
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	5/22/2015 4:16:35 PM	R26389
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	5/22/2015 4:16:35 PM	R26389
Dibromochloromethane	ND	1.0		µg/L	1	5/22/2015 4:16:35 PM	R26389
Dibromomethane	ND	1.0		µg/L	1	5/22/2015 4:16:35 PM	R26389
1,2-Dichlorobenzene	ND	1.0		µg/L	1	5/22/2015 4:16:35 PM	R26389
1,3-Dichlorobenzene	ND	1.0		µg/L	1	5/22/2015 4:16:35 PM	R26389
1,4-Dichlorobenzene	ND	1.0		µg/L	1	5/22/2015 4:16:35 PM	R26389
Dichlorodifluoromethane	ND	1.0		µg/L	1	5/22/2015 4:16:35 PM	R26389
1,1-Dichloroethane	ND	1.0		µg/L	1	5/22/2015 4:16:35 PM	R26389
1,1-Dichloroethene	ND	1.0		µg/L	1	5/22/2015 4:16:35 PM	R26389
1,2-Dichloropropane	ND	1.0		µg/L	1	5/22/2015 4:16:35 PM	R26389
1,3-Dichloropropane	ND	1.0		µg/L	1	5/22/2015 4:16:35 PM	R26389
2,2-Dichloropropane	ND	2.0		µg/L	1	5/22/2015 4:16:35 PM	R26389

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
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
O	RSD is greater than RSDlimit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Atex 213
Lab ID: 1505857-003
Matrix: AQUEOUS
Client Sample ID: BB-2
Collection Date: 5/19/2015 8:55:00 AM
Received Date: 5/19/2015 2:30:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**	
1,1-Dichloropropene	ND	1.0		µg/L	1	5/22/2015 4:16:35 PM	R26389
Hexachlorobutadiene	ND	1.0		µg/L	1	5/22/2015 4:16:35 PM	R26389
2-Hexanone	ND	10		µg/L	1	5/22/2015 4:16:35 PM	R26389
Isopropylbenzene	3.9	1.0		µg/L	1	5/22/2015 4:16:35 PM	R26389
4-Isopropyltoluene	ND	1.0		µg/L	1	5/22/2015 4:16:35 PM	R26389
4-Methyl-2-pentanone	ND	10		µg/L	1	5/22/2015 4:16:35 PM	R26389
Methylene Chloride	ND	3.0		µg/L	1	5/22/2015 4:16:35 PM	R26389
n-Butylbenzene	3.7	3.0		µg/L	1	5/22/2015 4:16:35 PM	R26389
n-Propylbenzene	12	1.0		µg/L	1	5/22/2015 4:16:35 PM	R26389
sec-Butylbenzene	3.5	1.0		µg/L	1	5/22/2015 4:16:35 PM	R26389
Styrene	ND	1.0		µg/L	1	5/22/2015 4:16:35 PM	R26389
tert-Butylbenzene	ND	1.0		µg/L	1	5/22/2015 4:16:35 PM	R26389
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	5/22/2015 4:16:35 PM	R26389
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	5/22/2015 4:16:35 PM	R26389
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	5/22/2015 4:16:35 PM	R26389
trans-1,2-DCE	ND	1.0		µg/L	1	5/22/2015 4:16:35 PM	R26389
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	5/22/2015 4:16:35 PM	R26389
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	5/22/2015 4:16:35 PM	R26389
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	5/22/2015 4:16:35 PM	R26389
1,1,1-Trichloroethane	ND	1.0		µg/L	1	5/22/2015 4:16:35 PM	R26389
1,1,2-Trichloroethane	ND	1.0		µg/L	1	5/22/2015 4:16:35 PM	R26389
Trichloroethene (TCE)	ND	1.0		µg/L	1	5/22/2015 4:16:35 PM	R26389
Trichlorofluoromethane	ND	1.0		µg/L	1	5/22/2015 4:16:35 PM	R26389
1,2,3-Trichloropropane	ND	2.0		µg/L	1	5/22/2015 4:16:35 PM	R26389
Vinyl chloride	ND	1.0		µg/L	1	5/22/2015 4:16:35 PM	R26389
Xylenes, Total	ND	1.5		µg/L	1	5/22/2015 4:16:35 PM	R26389
Surr: 1,2-Dichloroethane-d4	98.0	70-130		%REC	1	5/22/2015 4:16:35 PM	R26389
Surr: 4-Bromofluorobenzene	99.9	70-130		%REC	1	5/22/2015 4:16:35 PM	R26389
Surr: Dibromofluoromethane	105	70-130		%REC	1	5/22/2015 4:16:35 PM	R26389
Surr: Toluene-d8	97.2	70-130		%REC	1	5/22/2015 4:16:35 PM	R26389

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
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
O	RSD is greater than RSDlimit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Atex 213
Lab ID: 1505857-004
Matrix: AQUEOUS
Client Sample ID: NMW-4R
Collection Date: 5/19/2015 9:19:00 AM
Received Date: 5/19/2015 2:30:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**	
Benzene	ND	1.0		µg/L	1	5/22/2015 4:45:37 PM	R26389
Toluene	ND	1.0		µg/L	1	5/22/2015 4:45:37 PM	R26389
Ethylbenzene	ND	1.0		µg/L	1	5/22/2015 4:45:37 PM	R26389
Methyl tert-butyl ether (MTBE)	18	1.0		µg/L	1	5/22/2015 4:45:37 PM	R26389
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	5/22/2015 4:45:37 PM	R26389
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	5/22/2015 4:45:37 PM	R26389
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	5/22/2015 4:45:37 PM	R26389
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	5/22/2015 4:45:37 PM	R26389
Naphthalene	ND	2.0		µg/L	1	5/22/2015 4:45:37 PM	R26389
1-Methylnaphthalene	ND	4.0		µg/L	1	5/22/2015 4:45:37 PM	R26389
2-Methylnaphthalene	ND	4.0		µg/L	1	5/22/2015 4:45:37 PM	R26389
Acetone	ND	10		µg/L	1	5/22/2015 4:45:37 PM	R26389
Bromobenzene	ND	1.0		µg/L	1	5/22/2015 4:45:37 PM	R26389
Bromodichloromethane	ND	1.0		µg/L	1	5/22/2015 4:45:37 PM	R26389
Bromoform	ND	1.0		µg/L	1	5/22/2015 4:45:37 PM	R26389
Bromomethane	ND	3.0		µg/L	1	5/22/2015 4:45:37 PM	R26389
2-Butanone	ND	10		µg/L	1	5/22/2015 4:45:37 PM	R26389
Carbon disulfide	ND	10		µg/L	1	5/22/2015 4:45:37 PM	R26389
Carbon Tetrachloride	ND	1.0		µg/L	1	5/22/2015 4:45:37 PM	R26389
Chlorobenzene	ND	1.0		µg/L	1	5/22/2015 4:45:37 PM	R26389
Chloroethane	ND	2.0		µg/L	1	5/22/2015 4:45:37 PM	R26389
Chloroform	ND	1.0		µg/L	1	5/22/2015 4:45:37 PM	R26389
Chloromethane	ND	3.0		µg/L	1	5/22/2015 4:45:37 PM	R26389
2-Chlorotoluene	ND	1.0		µg/L	1	5/22/2015 4:45:37 PM	R26389
4-Chlorotoluene	ND	1.0		µg/L	1	5/22/2015 4:45:37 PM	R26389
cis-1,2-DCE	ND	1.0		µg/L	1	5/22/2015 4:45:37 PM	R26389
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	5/22/2015 4:45:37 PM	R26389
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	5/22/2015 4:45:37 PM	R26389
Dibromochloromethane	ND	1.0		µg/L	1	5/22/2015 4:45:37 PM	R26389
Dibromomethane	ND	1.0		µg/L	1	5/22/2015 4:45:37 PM	R26389
1,2-Dichlorobenzene	ND	1.0		µg/L	1	5/22/2015 4:45:37 PM	R26389
1,3-Dichlorobenzene	ND	1.0		µg/L	1	5/22/2015 4:45:37 PM	R26389
1,4-Dichlorobenzene	ND	1.0		µg/L	1	5/22/2015 4:45:37 PM	R26389
Dichlorodifluoromethane	ND	1.0		µg/L	1	5/22/2015 4:45:37 PM	R26389
1,1-Dichloroethane	ND	1.0		µg/L	1	5/22/2015 4:45:37 PM	R26389
1,1-Dichloroethene	ND	1.0		µg/L	1	5/22/2015 4:45:37 PM	R26389
1,2-Dichloropropane	ND	1.0		µg/L	1	5/22/2015 4:45:37 PM	R26389
1,3-Dichloropropane	ND	1.0		µg/L	1	5/22/2015 4:45:37 PM	R26389
2,2-Dichloropropane	ND	2.0		µg/L	1	5/22/2015 4:45:37 PM	R26389

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

Qualifiers:

*	Value exceeds Maximum Contaminant Level.
E	Value above quantitation range
J	Analyte detected below quantitation limits
O	RSD is greater than RSDlimit
R	RPD outside accepted recovery limits
S	Spike Recovery outside accepted recovery limits
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
ND	Not Detected at the Reporting Limit
P	Sample pH Not In Range
RL	Reporting Detection Limit

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Atex 213
Lab ID: 1505857-004
Matrix: AQUEOUS
Client Sample ID: NMW-4R
Collection Date: 5/19/2015 9:19:00 AM
Received Date: 5/19/2015 2:30:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**	
1,1-Dichloropropene	ND	1.0		µg/L	1	5/22/2015 4:45:37 PM	R26389
Hexachlorobutadiene	ND	1.0		µg/L	1	5/22/2015 4:45:37 PM	R26389
2-Hexanone	ND	10		µg/L	1	5/22/2015 4:45:37 PM	R26389
Isopropylbenzene	ND	1.0		µg/L	1	5/22/2015 4:45:37 PM	R26389
4-Isopropyltoluene	ND	1.0		µg/L	1	5/22/2015 4:45:37 PM	R26389
4-Methyl-2-pentanone	ND	10		µg/L	1	5/22/2015 4:45:37 PM	R26389
Methylene Chloride	ND	3.0		µg/L	1	5/22/2015 4:45:37 PM	R26389
n-Butylbenzene	ND	3.0		µg/L	1	5/22/2015 4:45:37 PM	R26389
n-Propylbenzene	ND	1.0		µg/L	1	5/22/2015 4:45:37 PM	R26389
sec-Butylbenzene	ND	1.0		µg/L	1	5/22/2015 4:45:37 PM	R26389
Styrene	ND	1.0		µg/L	1	5/22/2015 4:45:37 PM	R26389
tert-Butylbenzene	ND	1.0		µg/L	1	5/22/2015 4:45:37 PM	R26389
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	5/22/2015 4:45:37 PM	R26389
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	5/22/2015 4:45:37 PM	R26389
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	5/22/2015 4:45:37 PM	R26389
trans-1,2-DCE	ND	1.0		µg/L	1	5/22/2015 4:45:37 PM	R26389
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	5/22/2015 4:45:37 PM	R26389
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	5/22/2015 4:45:37 PM	R26389
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	5/22/2015 4:45:37 PM	R26389
1,1,1-Trichloroethane	ND	1.0		µg/L	1	5/22/2015 4:45:37 PM	R26389
1,1,2-Trichloroethane	ND	1.0		µg/L	1	5/22/2015 4:45:37 PM	R26389
Trichloroethene (TCE)	ND	1.0		µg/L	1	5/22/2015 4:45:37 PM	R26389
Trichlorofluoromethane	ND	1.0		µg/L	1	5/22/2015 4:45:37 PM	R26389
1,2,3-Trichloropropane	ND	2.0		µg/L	1	5/22/2015 4:45:37 PM	R26389
Vinyl chloride	ND	1.0		µg/L	1	5/22/2015 4:45:37 PM	R26389
Xylenes, Total	ND	1.5		µg/L	1	5/22/2015 4:45:37 PM	R26389
Surr: 1,2-Dichloroethane-d4	103	70-130		%REC	1	5/22/2015 4:45:37 PM	R26389
Surr: 4-Bromofluorobenzene	109	70-130		%REC	1	5/22/2015 4:45:37 PM	R26389
Surr: Dibromofluoromethane	99.0	70-130		%REC	1	5/22/2015 4:45:37 PM	R26389
Surr: Toluene-d8	93.1	70-130		%REC	1	5/22/2015 4:45:37 PM	R26389

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
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
O	RSD is greater than RSDlimit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Atex 213
Lab ID: 1505857-005
Matrix: AQUEOUS
Client Sample ID: RNMW-2
Collection Date: 5/19/2015 9:46:00 AM
Received Date: 5/19/2015 2:30:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**	
Benzene	12	1.0		µg/L	1	5/22/2015 5:14:24 PM	R26389
Toluene	ND	1.0		µg/L	1	5/22/2015 5:14:24 PM	R26389
Ethylbenzene	ND	1.0		µg/L	1	5/22/2015 5:14:24 PM	R26389
Methyl tert-butyl ether (MTBE)	50	1.0		µg/L	1	5/22/2015 5:14:24 PM	R26389
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	5/22/2015 5:14:24 PM	R26389
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	5/22/2015 5:14:24 PM	R26389
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	5/22/2015 5:14:24 PM	R26389
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	5/22/2015 5:14:24 PM	R26389
Naphthalene	2.3	2.0		µg/L	1	5/22/2015 5:14:24 PM	R26389
1-Methylnaphthalene	ND	4.0		µg/L	1	5/22/2015 5:14:24 PM	R26389
2-Methylnaphthalene	ND	4.0		µg/L	1	5/22/2015 5:14:24 PM	R26389
Acetone	ND	10		µg/L	1	5/22/2015 5:14:24 PM	R26389
Bromobenzene	ND	1.0		µg/L	1	5/22/2015 5:14:24 PM	R26389
Bromodichloromethane	ND	1.0		µg/L	1	5/22/2015 5:14:24 PM	R26389
Bromoform	ND	1.0		µg/L	1	5/22/2015 5:14:24 PM	R26389
Bromomethane	ND	3.0		µg/L	1	5/22/2015 5:14:24 PM	R26389
2-Butanone	ND	10		µg/L	1	5/22/2015 5:14:24 PM	R26389
Carbon disulfide	ND	10		µg/L	1	5/22/2015 5:14:24 PM	R26389
Carbon Tetrachloride	ND	1.0		µg/L	1	5/22/2015 5:14:24 PM	R26389
Chlorobenzene	ND	1.0		µg/L	1	5/22/2015 5:14:24 PM	R26389
Chloroethane	ND	2.0		µg/L	1	5/22/2015 5:14:24 PM	R26389
Chloroform	ND	1.0		µg/L	1	5/22/2015 5:14:24 PM	R26389
Chloromethane	ND	3.0		µg/L	1	5/22/2015 5:14:24 PM	R26389
2-Chlorotoluene	ND	1.0		µg/L	1	5/22/2015 5:14:24 PM	R26389
4-Chlorotoluene	ND	1.0		µg/L	1	5/22/2015 5:14:24 PM	R26389
cis-1,2-DCE	ND	1.0		µg/L	1	5/22/2015 5:14:24 PM	R26389
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	5/22/2015 5:14:24 PM	R26389
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	5/22/2015 5:14:24 PM	R26389
Dibromochloromethane	ND	1.0		µg/L	1	5/22/2015 5:14:24 PM	R26389
Dibromomethane	ND	1.0		µg/L	1	5/22/2015 5:14:24 PM	R26389
1,2-Dichlorobenzene	ND	1.0		µg/L	1	5/22/2015 5:14:24 PM	R26389
1,3-Dichlorobenzene	ND	1.0		µg/L	1	5/22/2015 5:14:24 PM	R26389
1,4-Dichlorobenzene	ND	1.0		µg/L	1	5/22/2015 5:14:24 PM	R26389
Dichlorodifluoromethane	ND	1.0		µg/L	1	5/22/2015 5:14:24 PM	R26389
1,1-Dichloroethane	ND	1.0		µg/L	1	5/22/2015 5:14:24 PM	R26389
1,1-Dichloroethene	ND	1.0		µg/L	1	5/22/2015 5:14:24 PM	R26389
1,2-Dichloropropane	ND	1.0		µg/L	1	5/22/2015 5:14:24 PM	R26389
1,3-Dichloropropane	ND	1.0		µg/L	1	5/22/2015 5:14:24 PM	R26389
2,2-Dichloropropane	ND	2.0		µg/L	1	5/22/2015 5:14:24 PM	R26389

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
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
O	RSD is greater than RSDlimit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Atex 213
Lab ID: 1505857-005 **Matrix:** AQUEOUS

Client Sample ID: RNMW-2
Collection Date: 5/19/2015 9:46:00 AM
Received Date: 5/19/2015 2:30:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**	
1,1-Dichloropropene	ND	1.0		µg/L	1	5/22/2015 5:14:24 PM	R26389
Hexachlorobutadiene	ND	1.0		µg/L	1	5/22/2015 5:14:24 PM	R26389
2-Hexanone	ND	10		µg/L	1	5/22/2015 5:14:24 PM	R26389
Isopropylbenzene	3.2	1.0		µg/L	1	5/22/2015 5:14:24 PM	R26389
4-Isopropyltoluene	ND	1.0		µg/L	1	5/22/2015 5:14:24 PM	R26389
4-Methyl-2-pentanone	ND	10		µg/L	1	5/22/2015 5:14:24 PM	R26389
Methylene Chloride	ND	3.0		µg/L	1	5/22/2015 5:14:24 PM	R26389
n-Butylbenzene	ND	3.0		µg/L	1	5/22/2015 5:14:24 PM	R26389
n-Propylbenzene	5.5	1.0		µg/L	1	5/22/2015 5:14:24 PM	R26389
sec-Butylbenzene	1.7	1.0		µg/L	1	5/22/2015 5:14:24 PM	R26389
Styrene	ND	1.0		µg/L	1	5/22/2015 5:14:24 PM	R26389
tert-Butylbenzene	ND	1.0		µg/L	1	5/22/2015 5:14:24 PM	R26389
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	5/22/2015 5:14:24 PM	R26389
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	5/22/2015 5:14:24 PM	R26389
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	5/22/2015 5:14:24 PM	R26389
trans-1,2-DCE	ND	1.0		µg/L	1	5/22/2015 5:14:24 PM	R26389
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	5/22/2015 5:14:24 PM	R26389
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	5/22/2015 5:14:24 PM	R26389
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	5/22/2015 5:14:24 PM	R26389
1,1,1-Trichloroethane	ND	1.0		µg/L	1	5/22/2015 5:14:24 PM	R26389
1,1,2-Trichloroethane	ND	1.0		µg/L	1	5/22/2015 5:14:24 PM	R26389
Trichloroethene (TCE)	ND	1.0		µg/L	1	5/22/2015 5:14:24 PM	R26389
Trichlorofluoromethane	ND	1.0		µg/L	1	5/22/2015 5:14:24 PM	R26389
1,2,3-Trichloropropane	ND	2.0		µg/L	1	5/22/2015 5:14:24 PM	R26389
Vinyl chloride	ND	1.0		µg/L	1	5/22/2015 5:14:24 PM	R26389
Xylenes, Total	ND	1.5		µg/L	1	5/22/2015 5:14:24 PM	R26389
Surr: 1,2-Dichloroethane-d4	91.9	70-130		%REC	1	5/22/2015 5:14:24 PM	R26389
Surr: 4-Bromofluorobenzene	108	70-130		%REC	1	5/22/2015 5:14:24 PM	R26389
Surr: Dibromofluoromethane	93.8	70-130		%REC	1	5/22/2015 5:14:24 PM	R26389
Surr: Toluene-d8	93.5	70-130		%REC	1	5/22/2015 5:14:24 PM	R26389

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
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
O	RSD is greater than RSDlimit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Atex 213
Lab ID: 1505857-006
Matrix: AQUEOUS
Client Sample ID: MW-1R
Collection Date: 5/19/2015 10:05:00 AM
Received Date: 5/19/2015 2:30:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**	
Benzene	ND	1.0		µg/L	1	5/22/2015 5:43:13 PM	R26389
Toluene	ND	1.0		µg/L	1	5/22/2015 5:43:13 PM	R26389
Ethylbenzene	21	1.0		µg/L	1	5/22/2015 5:43:13 PM	R26389
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	5/22/2015 5:43:13 PM	R26389
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	5/22/2015 5:43:13 PM	R26389
1,3,5-Trimethylbenzene	1.1	1.0		µg/L	1	5/22/2015 5:43:13 PM	R26389
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	5/22/2015 5:43:13 PM	R26389
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	5/22/2015 5:43:13 PM	R26389
Naphthalene	13	2.0		µg/L	1	5/22/2015 5:43:13 PM	R26389
1-Methylnaphthalene	ND	4.0		µg/L	1	5/22/2015 5:43:13 PM	R26389
2-Methylnaphthalene	ND	4.0		µg/L	1	5/22/2015 5:43:13 PM	R26389
Acetone	ND	10		µg/L	1	5/22/2015 5:43:13 PM	R26389
Bromobenzene	ND	1.0		µg/L	1	5/22/2015 5:43:13 PM	R26389
Bromodichloromethane	ND	1.0		µg/L	1	5/22/2015 5:43:13 PM	R26389
Bromoform	ND	1.0		µg/L	1	5/22/2015 5:43:13 PM	R26389
Bromomethane	ND	3.0		µg/L	1	5/22/2015 5:43:13 PM	R26389
2-Butanone	ND	10		µg/L	1	5/22/2015 5:43:13 PM	R26389
Carbon disulfide	ND	10		µg/L	1	5/22/2015 5:43:13 PM	R26389
Carbon Tetrachloride	ND	1.0		µg/L	1	5/22/2015 5:43:13 PM	R26389
Chlorobenzene	ND	1.0		µg/L	1	5/22/2015 5:43:13 PM	R26389
Chloroethane	ND	2.0		µg/L	1	5/22/2015 5:43:13 PM	R26389
Chloroform	ND	1.0		µg/L	1	5/22/2015 5:43:13 PM	R26389
Chloromethane	ND	3.0		µg/L	1	5/22/2015 5:43:13 PM	R26389
2-Chlorotoluene	ND	1.0		µg/L	1	5/22/2015 5:43:13 PM	R26389
4-Chlorotoluene	ND	1.0		µg/L	1	5/22/2015 5:43:13 PM	R26389
cis-1,2-DCE	ND	1.0		µg/L	1	5/22/2015 5:43:13 PM	R26389
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	5/22/2015 5:43:13 PM	R26389
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	5/22/2015 5:43:13 PM	R26389
Dibromochloromethane	ND	1.0		µg/L	1	5/22/2015 5:43:13 PM	R26389
Dibromomethane	ND	1.0		µg/L	1	5/22/2015 5:43:13 PM	R26389
1,2-Dichlorobenzene	ND	1.0		µg/L	1	5/22/2015 5:43:13 PM	R26389
1,3-Dichlorobenzene	ND	1.0		µg/L	1	5/22/2015 5:43:13 PM	R26389
1,4-Dichlorobenzene	ND	1.0		µg/L	1	5/22/2015 5:43:13 PM	R26389
Dichlorodifluoromethane	ND	1.0		µg/L	1	5/22/2015 5:43:13 PM	R26389
1,1-Dichloroethane	ND	1.0		µg/L	1	5/22/2015 5:43:13 PM	R26389
1,1-Dichloroethene	ND	1.0		µg/L	1	5/22/2015 5:43:13 PM	R26389
1,2-Dichloropropane	ND	1.0		µg/L	1	5/22/2015 5:43:13 PM	R26389
1,3-Dichloropropane	ND	1.0		µg/L	1	5/22/2015 5:43:13 PM	R26389
2,2-Dichloropropane	ND	2.0		µg/L	1	5/22/2015 5:43:13 PM	R26389

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
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
O	RSD is greater than RSDlimit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Atex 213
Lab ID: 1505857-006
Matrix: AQUEOUS
Client Sample ID: MW-1R
Collection Date: 5/19/2015 10:05:00 AM
Received Date: 5/19/2015 2:30:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**	
1,1-Dichloropropene	ND	1.0		µg/L	1	5/22/2015 5:43:13 PM	R26389
Hexachlorobutadiene	ND	1.0		µg/L	1	5/22/2015 5:43:13 PM	R26389
2-Hexanone	ND	10		µg/L	1	5/22/2015 5:43:13 PM	R26389
Isopropylbenzene	4.8	1.0		µg/L	1	5/22/2015 5:43:13 PM	R26389
4-Isopropyltoluene	ND	1.0		µg/L	1	5/22/2015 5:43:13 PM	R26389
4-Methyl-2-pentanone	ND	10		µg/L	1	5/22/2015 5:43:13 PM	R26389
Methylene Chloride	ND	3.0		µg/L	1	5/22/2015 5:43:13 PM	R26389
n-Butylbenzene	ND	3.0		µg/L	1	5/22/2015 5:43:13 PM	R26389
n-Propylbenzene	15	1.0		µg/L	1	5/22/2015 5:43:13 PM	R26389
sec-Butylbenzene	2.2	1.0		µg/L	1	5/22/2015 5:43:13 PM	R26389
Styrene	ND	1.0		µg/L	1	5/22/2015 5:43:13 PM	R26389
tert-Butylbenzene	ND	1.0		µg/L	1	5/22/2015 5:43:13 PM	R26389
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	5/22/2015 5:43:13 PM	R26389
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	5/22/2015 5:43:13 PM	R26389
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	5/22/2015 5:43:13 PM	R26389
trans-1,2-DCE	ND	1.0		µg/L	1	5/22/2015 5:43:13 PM	R26389
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	5/22/2015 5:43:13 PM	R26389
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	5/22/2015 5:43:13 PM	R26389
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	5/22/2015 5:43:13 PM	R26389
1,1,1-Trichloroethane	ND	1.0		µg/L	1	5/22/2015 5:43:13 PM	R26389
1,1,2-Trichloroethane	ND	1.0		µg/L	1	5/22/2015 5:43:13 PM	R26389
Trichloroethene (TCE)	ND	1.0		µg/L	1	5/22/2015 5:43:13 PM	R26389
Trichlorofluoromethane	ND	1.0		µg/L	1	5/22/2015 5:43:13 PM	R26389
1,2,3-Trichloropropane	ND	2.0		µg/L	1	5/22/2015 5:43:13 PM	R26389
Vinyl chloride	ND	1.0		µg/L	1	5/22/2015 5:43:13 PM	R26389
Xylenes, Total	ND	1.5		µg/L	1	5/22/2015 5:43:13 PM	R26389
Surr: 1,2-Dichloroethane-d4	95.5	70-130		%REC	1	5/22/2015 5:43:13 PM	R26389
Surr: 4-Bromofluorobenzene	108	70-130		%REC	1	5/22/2015 5:43:13 PM	R26389
Surr: Dibromofluoromethane	103	70-130		%REC	1	5/22/2015 5:43:13 PM	R26389
Surr: Toluene-d8	97.0	70-130		%REC	1	5/22/2015 5:43:13 PM	R26389

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
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
O	RSD is greater than RSDlimit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Atex 213
Lab ID: 1505857-007
Matrix: AQUEOUS
Client Sample ID: MW-4R
Collection Date: 5/19/2015 10:27:00 AM
Received Date: 5/19/2015 2:30:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**	
Benzene	ND	1.0		µg/L	1	5/22/2015 6:12:01 PM	R26389
Toluene	ND	1.0		µg/L	1	5/22/2015 6:12:01 PM	R26389
Ethylbenzene	ND	1.0		µg/L	1	5/22/2015 6:12:01 PM	R26389
Methyl tert-butyl ether (MTBE)	3.5	1.0		µg/L	1	5/22/2015 6:12:01 PM	R26389
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	5/22/2015 6:12:01 PM	R26389
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	5/22/2015 6:12:01 PM	R26389
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	5/22/2015 6:12:01 PM	R26389
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	5/22/2015 6:12:01 PM	R26389
Naphthalene	ND	2.0		µg/L	1	5/22/2015 6:12:01 PM	R26389
1-Methylnaphthalene	ND	4.0		µg/L	1	5/22/2015 6:12:01 PM	R26389
2-Methylnaphthalene	ND	4.0		µg/L	1	5/22/2015 6:12:01 PM	R26389
Acetone	ND	10		µg/L	1	5/22/2015 6:12:01 PM	R26389
Bromobenzene	ND	1.0		µg/L	1	5/22/2015 6:12:01 PM	R26389
Bromodichloromethane	ND	1.0		µg/L	1	5/22/2015 6:12:01 PM	R26389
Bromoform	ND	1.0		µg/L	1	5/22/2015 6:12:01 PM	R26389
Bromomethane	ND	3.0		µg/L	1	5/22/2015 6:12:01 PM	R26389
2-Butanone	ND	10		µg/L	1	5/22/2015 6:12:01 PM	R26389
Carbon disulfide	ND	10		µg/L	1	5/22/2015 6:12:01 PM	R26389
Carbon Tetrachloride	ND	1.0		µg/L	1	5/22/2015 6:12:01 PM	R26389
Chlorobenzene	ND	1.0		µg/L	1	5/22/2015 6:12:01 PM	R26389
Chloroethane	ND	2.0		µg/L	1	5/22/2015 6:12:01 PM	R26389
Chloroform	ND	1.0		µg/L	1	5/22/2015 6:12:01 PM	R26389
Chloromethane	ND	3.0		µg/L	1	5/22/2015 6:12:01 PM	R26389
2-Chlorotoluene	ND	1.0		µg/L	1	5/22/2015 6:12:01 PM	R26389
4-Chlorotoluene	ND	1.0		µg/L	1	5/22/2015 6:12:01 PM	R26389
cis-1,2-DCE	ND	1.0		µg/L	1	5/22/2015 6:12:01 PM	R26389
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	5/22/2015 6:12:01 PM	R26389
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	5/22/2015 6:12:01 PM	R26389
Dibromochloromethane	ND	1.0		µg/L	1	5/22/2015 6:12:01 PM	R26389
Dibromomethane	ND	1.0		µg/L	1	5/22/2015 6:12:01 PM	R26389
1,2-Dichlorobenzene	ND	1.0		µg/L	1	5/22/2015 6:12:01 PM	R26389
1,3-Dichlorobenzene	ND	1.0		µg/L	1	5/22/2015 6:12:01 PM	R26389
1,4-Dichlorobenzene	ND	1.0		µg/L	1	5/22/2015 6:12:01 PM	R26389
Dichlorodifluoromethane	ND	1.0		µg/L	1	5/22/2015 6:12:01 PM	R26389
1,1-Dichloroethane	ND	1.0		µg/L	1	5/22/2015 6:12:01 PM	R26389
1,1-Dichloroethene	ND	1.0		µg/L	1	5/22/2015 6:12:01 PM	R26389
1,2-Dichloropropane	ND	1.0		µg/L	1	5/22/2015 6:12:01 PM	R26389
1,3-Dichloropropane	ND	1.0		µg/L	1	5/22/2015 6:12:01 PM	R26389
2,2-Dichloropropane	ND	2.0		µg/L	1	5/22/2015 6:12:01 PM	R26389

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
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
O	RSD is greater than RSDlimit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Atex 213
Lab ID: 1505857-007
Matrix: AQUEOUS
Client Sample ID: MW-4R
Collection Date: 5/19/2015 10:27:00 AM
Received Date: 5/19/2015 2:30:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**	
1,1-Dichloropropene	ND	1.0		µg/L	1	5/22/2015 6:12:01 PM	R26389
Hexachlorobutadiene	ND	1.0		µg/L	1	5/22/2015 6:12:01 PM	R26389
2-Hexanone	ND	10		µg/L	1	5/22/2015 6:12:01 PM	R26389
Isopropylbenzene	ND	1.0		µg/L	1	5/22/2015 6:12:01 PM	R26389
4-Isopropyltoluene	ND	1.0		µg/L	1	5/22/2015 6:12:01 PM	R26389
4-Methyl-2-pentanone	ND	10		µg/L	1	5/22/2015 6:12:01 PM	R26389
Methylene Chloride	ND	3.0		µg/L	1	5/22/2015 6:12:01 PM	R26389
n-Butylbenzene	ND	3.0		µg/L	1	5/22/2015 6:12:01 PM	R26389
n-Propylbenzene	ND	1.0		µg/L	1	5/22/2015 6:12:01 PM	R26389
sec-Butylbenzene	ND	1.0		µg/L	1	5/22/2015 6:12:01 PM	R26389
Styrene	ND	1.0		µg/L	1	5/22/2015 6:12:01 PM	R26389
tert-Butylbenzene	ND	1.0		µg/L	1	5/22/2015 6:12:01 PM	R26389
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	5/22/2015 6:12:01 PM	R26389
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	5/22/2015 6:12:01 PM	R26389
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	5/22/2015 6:12:01 PM	R26389
trans-1,2-DCE	ND	1.0		µg/L	1	5/22/2015 6:12:01 PM	R26389
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	5/22/2015 6:12:01 PM	R26389
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	5/22/2015 6:12:01 PM	R26389
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	5/22/2015 6:12:01 PM	R26389
1,1,1-Trichloroethane	ND	1.0		µg/L	1	5/22/2015 6:12:01 PM	R26389
1,1,2-Trichloroethane	ND	1.0		µg/L	1	5/22/2015 6:12:01 PM	R26389
Trichloroethene (TCE)	ND	1.0		µg/L	1	5/22/2015 6:12:01 PM	R26389
Trichlorofluoromethane	ND	1.0		µg/L	1	5/22/2015 6:12:01 PM	R26389
1,2,3-Trichloropropane	ND	2.0		µg/L	1	5/22/2015 6:12:01 PM	R26389
Vinyl chloride	ND	1.0		µg/L	1	5/22/2015 6:12:01 PM	R26389
Xylenes, Total	ND	1.5		µg/L	1	5/22/2015 6:12:01 PM	R26389
Surr: 1,2-Dichloroethane-d4	99.7	70-130		%REC	1	5/22/2015 6:12:01 PM	R26389
Surr: 4-Bromofluorobenzene	103	70-130		%REC	1	5/22/2015 6:12:01 PM	R26389
Surr: Dibromofluoromethane	94.3	70-130		%REC	1	5/22/2015 6:12:01 PM	R26389
Surr: Toluene-d8	96.6	70-130		%REC	1	5/22/2015 6:12:01 PM	R26389

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
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
O	RSD is greater than RSDlimit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Atex 213
Lab ID: 1505857-008
Matrix: AQUEOUS
Client Sample ID: W-36
Collection Date: 5/19/2015 10:56:00 AM
Received Date: 5/19/2015 2:30:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**	
Benzene	ND	1.0		µg/L	1	5/22/2015 6:40:49 PM	R26389
Toluene	ND	1.0		µg/L	1	5/22/2015 6:40:49 PM	R26389
Ethylbenzene	2.6	1.0		µg/L	1	5/22/2015 6:40:49 PM	R26389
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	5/22/2015 6:40:49 PM	R26389
1,2,4-Trimethylbenzene	2.9	1.0		µg/L	1	5/22/2015 6:40:49 PM	R26389
1,3,5-Trimethylbenzene	2.0	1.0		µg/L	1	5/22/2015 6:40:49 PM	R26389
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	5/22/2015 6:40:49 PM	R26389
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	5/22/2015 6:40:49 PM	R26389
Naphthalene	31	2.0		µg/L	1	5/22/2015 6:40:49 PM	R26389
1-Methylnaphthalene	ND	4.0		µg/L	1	5/22/2015 6:40:49 PM	R26389
2-Methylnaphthalene	ND	4.0		µg/L	1	5/22/2015 6:40:49 PM	R26389
Acetone	ND	10		µg/L	1	5/22/2015 6:40:49 PM	R26389
Bromobenzene	ND	1.0		µg/L	1	5/22/2015 6:40:49 PM	R26389
Bromodichloromethane	ND	1.0		µg/L	1	5/22/2015 6:40:49 PM	R26389
Bromoform	ND	1.0		µg/L	1	5/22/2015 6:40:49 PM	R26389
Bromomethane	ND	3.0		µg/L	1	5/22/2015 6:40:49 PM	R26389
2-Butanone	ND	10		µg/L	1	5/22/2015 6:40:49 PM	R26389
Carbon disulfide	ND	10		µg/L	1	5/22/2015 6:40:49 PM	R26389
Carbon Tetrachloride	ND	1.0		µg/L	1	5/22/2015 6:40:49 PM	R26389
Chlorobenzene	ND	1.0		µg/L	1	5/22/2015 6:40:49 PM	R26389
Chloroethane	ND	2.0		µg/L	1	5/22/2015 6:40:49 PM	R26389
Chloroform	ND	1.0		µg/L	1	5/22/2015 6:40:49 PM	R26389
Chloromethane	ND	3.0		µg/L	1	5/22/2015 6:40:49 PM	R26389
2-Chlorotoluene	ND	1.0		µg/L	1	5/22/2015 6:40:49 PM	R26389
4-Chlorotoluene	ND	1.0		µg/L	1	5/22/2015 6:40:49 PM	R26389
cis-1,2-DCE	ND	1.0		µg/L	1	5/22/2015 6:40:49 PM	R26389
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	5/22/2015 6:40:49 PM	R26389
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	5/22/2015 6:40:49 PM	R26389
Dibromochloromethane	ND	1.0		µg/L	1	5/22/2015 6:40:49 PM	R26389
Dibromomethane	ND	1.0		µg/L	1	5/22/2015 6:40:49 PM	R26389
1,2-Dichlorobenzene	ND	1.0		µg/L	1	5/22/2015 6:40:49 PM	R26389
1,3-Dichlorobenzene	ND	1.0		µg/L	1	5/22/2015 6:40:49 PM	R26389
1,4-Dichlorobenzene	ND	1.0		µg/L	1	5/22/2015 6:40:49 PM	R26389
Dichlorodifluoromethane	ND	1.0		µg/L	1	5/22/2015 6:40:49 PM	R26389
1,1-Dichloroethane	ND	1.0		µg/L	1	5/22/2015 6:40:49 PM	R26389
1,1-Dichloroethene	ND	1.0		µg/L	1	5/22/2015 6:40:49 PM	R26389
1,2-Dichloropropane	ND	1.0		µg/L	1	5/22/2015 6:40:49 PM	R26389
1,3-Dichloropropane	ND	1.0		µg/L	1	5/22/2015 6:40:49 PM	R26389
2,2-Dichloropropane	ND	2.0		µg/L	1	5/22/2015 6:40:49 PM	R26389

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
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
O	RSD is greater than RSDlimit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Atex 213
Lab ID: 1505857-008
Matrix: AQUEOUS
Client Sample ID: W-36
Collection Date: 5/19/2015 10:56:00 AM
Received Date: 5/19/2015 2:30:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**	
1,1-Dichloropropene	ND	1.0		µg/L	1	5/22/2015 6:40:49 PM	R26389
Hexachlorobutadiene	ND	1.0		µg/L	1	5/22/2015 6:40:49 PM	R26389
2-Hexanone	ND	10		µg/L	1	5/22/2015 6:40:49 PM	R26389
Isopropylbenzene	10	1.0		µg/L	1	5/22/2015 6:40:49 PM	R26389
4-Isopropyltoluene	ND	1.0		µg/L	1	5/22/2015 6:40:49 PM	R26389
4-Methyl-2-pentanone	ND	10		µg/L	1	5/22/2015 6:40:49 PM	R26389
Methylene Chloride	ND	3.0		µg/L	1	5/22/2015 6:40:49 PM	R26389
n-Butylbenzene	ND	3.0		µg/L	1	5/22/2015 6:40:49 PM	R26389
n-Propylbenzene	25	1.0		µg/L	1	5/22/2015 6:40:49 PM	R26389
sec-Butylbenzene	2.2	1.0		µg/L	1	5/22/2015 6:40:49 PM	R26389
Styrene	ND	1.0		µg/L	1	5/22/2015 6:40:49 PM	R26389
tert-Butylbenzene	ND	1.0		µg/L	1	5/22/2015 6:40:49 PM	R26389
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	5/22/2015 6:40:49 PM	R26389
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	5/22/2015 6:40:49 PM	R26389
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	5/22/2015 6:40:49 PM	R26389
trans-1,2-DCE	ND	1.0		µg/L	1	5/22/2015 6:40:49 PM	R26389
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	5/22/2015 6:40:49 PM	R26389
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	5/22/2015 6:40:49 PM	R26389
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	5/22/2015 6:40:49 PM	R26389
1,1,1-Trichloroethane	ND	1.0		µg/L	1	5/22/2015 6:40:49 PM	R26389
1,1,2-Trichloroethane	ND	1.0		µg/L	1	5/22/2015 6:40:49 PM	R26389
Trichloroethene (TCE)	ND	1.0		µg/L	1	5/22/2015 6:40:49 PM	R26389
Trichlorofluoromethane	ND	1.0		µg/L	1	5/22/2015 6:40:49 PM	R26389
1,2,3-Trichloropropane	ND	2.0		µg/L	1	5/22/2015 6:40:49 PM	R26389
Vinyl chloride	ND	1.0		µg/L	1	5/22/2015 6:40:49 PM	R26389
Xylenes, Total	ND	1.5		µg/L	1	5/22/2015 6:40:49 PM	R26389
Surr: 1,2-Dichloroethane-d4	90.7	70-130		%REC	1	5/22/2015 6:40:49 PM	R26389
Surr: 4-Bromofluorobenzene	106	70-130		%REC	1	5/22/2015 6:40:49 PM	R26389
Surr: Dibromofluoromethane	96.6	70-130		%REC	1	5/22/2015 6:40:49 PM	R26389
Surr: Toluene-d8	104	70-130		%REC	1	5/22/2015 6:40:49 PM	R26389

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
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
O	RSD is greater than RSDlimit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Atex 213
Lab ID: 1505857-009
Matrix: AQUEOUS
Client Sample ID: W-35
Collection Date: 5/19/2015 11:28:00 AM
Received Date: 5/19/2015 2:30:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**	
Benzene	ND	1.0		µg/L	1	5/22/2015 7:09:35 PM	R26389
Toluene	ND	1.0		µg/L	1	5/22/2015 7:09:35 PM	R26389
Ethylbenzene	3.6	1.0		µg/L	1	5/22/2015 7:09:35 PM	R26389
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	5/22/2015 7:09:35 PM	R26389
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	5/22/2015 7:09:35 PM	R26389
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	5/22/2015 7:09:35 PM	R26389
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	5/22/2015 7:09:35 PM	R26389
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	5/22/2015 7:09:35 PM	R26389
Naphthalene	26	2.0		µg/L	1	5/22/2015 7:09:35 PM	R26389
1-Methylnaphthalene	19	4.0		µg/L	1	5/22/2015 7:09:35 PM	R26389
2-Methylnaphthalene	ND	4.0		µg/L	1	5/22/2015 7:09:35 PM	R26389
Acetone	ND	10		µg/L	1	5/22/2015 7:09:35 PM	R26389
Bromobenzene	ND	1.0		µg/L	1	5/22/2015 7:09:35 PM	R26389
Bromodichloromethane	ND	1.0		µg/L	1	5/22/2015 7:09:35 PM	R26389
Bromoform	ND	1.0		µg/L	1	5/22/2015 7:09:35 PM	R26389
Bromomethane	ND	3.0		µg/L	1	5/22/2015 7:09:35 PM	R26389
2-Butanone	ND	10		µg/L	1	5/22/2015 7:09:35 PM	R26389
Carbon disulfide	ND	10		µg/L	1	5/22/2015 7:09:35 PM	R26389
Carbon Tetrachloride	ND	1.0		µg/L	1	5/22/2015 7:09:35 PM	R26389
Chlorobenzene	ND	1.0		µg/L	1	5/22/2015 7:09:35 PM	R26389
Chloroethane	ND	2.0		µg/L	1	5/22/2015 7:09:35 PM	R26389
Chloroform	ND	1.0		µg/L	1	5/22/2015 7:09:35 PM	R26389
Chloromethane	ND	3.0		µg/L	1	5/22/2015 7:09:35 PM	R26389
2-Chlorotoluene	ND	1.0		µg/L	1	5/22/2015 7:09:35 PM	R26389
4-Chlorotoluene	ND	1.0		µg/L	1	5/22/2015 7:09:35 PM	R26389
cis-1,2-DCE	ND	1.0		µg/L	1	5/22/2015 7:09:35 PM	R26389
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	5/22/2015 7:09:35 PM	R26389
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	5/22/2015 7:09:35 PM	R26389
Dibromochloromethane	ND	1.0		µg/L	1	5/22/2015 7:09:35 PM	R26389
Dibromomethane	ND	1.0		µg/L	1	5/22/2015 7:09:35 PM	R26389
1,2-Dichlorobenzene	ND	1.0		µg/L	1	5/22/2015 7:09:35 PM	R26389
1,3-Dichlorobenzene	ND	1.0		µg/L	1	5/22/2015 7:09:35 PM	R26389
1,4-Dichlorobenzene	ND	1.0		µg/L	1	5/22/2015 7:09:35 PM	R26389
Dichlorodifluoromethane	ND	1.0		µg/L	1	5/22/2015 7:09:35 PM	R26389
1,1-Dichloroethane	ND	1.0		µg/L	1	5/22/2015 7:09:35 PM	R26389
1,1-Dichloroethene	ND	1.0		µg/L	1	5/22/2015 7:09:35 PM	R26389
1,2-Dichloropropane	ND	1.0		µg/L	1	5/22/2015 7:09:35 PM	R26389
1,3-Dichloropropane	ND	1.0		µg/L	1	5/22/2015 7:09:35 PM	R26389
2,2-Dichloropropane	ND	2.0		µg/L	1	5/22/2015 7:09:35 PM	R26389

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
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
O	RSD is greater than RSDlimit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Atex 213
Lab ID: 1505857-009
Matrix: AQUEOUS
Client Sample ID: W-35
Collection Date: 5/19/2015 11:28:00 AM
Received Date: 5/19/2015 2:30:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**	
1,1-Dichloropropene	ND	1.0		µg/L	1	5/22/2015 7:09:35 PM	R26389
Hexachlorobutadiene	ND	1.0		µg/L	1	5/22/2015 7:09:35 PM	R26389
2-Hexanone	ND	10		µg/L	1	5/22/2015 7:09:35 PM	R26389
Isopropylbenzene	10	1.0		µg/L	1	5/22/2015 7:09:35 PM	R26389
4-Isopropyltoluene	ND	1.0		µg/L	1	5/22/2015 7:09:35 PM	R26389
4-Methyl-2-pentanone	ND	10		µg/L	1	5/22/2015 7:09:35 PM	R26389
Methylene Chloride	ND	3.0		µg/L	1	5/22/2015 7:09:35 PM	R26389
n-Butylbenzene	3.7	3.0		µg/L	1	5/22/2015 7:09:35 PM	R26389
n-Propylbenzene	32	1.0		µg/L	1	5/22/2015 7:09:35 PM	R26389
sec-Butylbenzene	4.1	1.0		µg/L	1	5/22/2015 7:09:35 PM	R26389
Styrene	ND	1.0		µg/L	1	5/22/2015 7:09:35 PM	R26389
tert-Butylbenzene	ND	1.0		µg/L	1	5/22/2015 7:09:35 PM	R26389
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	5/22/2015 7:09:35 PM	R26389
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	5/22/2015 7:09:35 PM	R26389
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	5/22/2015 7:09:35 PM	R26389
trans-1,2-DCE	ND	1.0		µg/L	1	5/22/2015 7:09:35 PM	R26389
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	5/22/2015 7:09:35 PM	R26389
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	5/22/2015 7:09:35 PM	R26389
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	5/22/2015 7:09:35 PM	R26389
1,1,1-Trichloroethane	ND	1.0		µg/L	1	5/22/2015 7:09:35 PM	R26389
1,1,2-Trichloroethane	ND	1.0		µg/L	1	5/22/2015 7:09:35 PM	R26389
Trichloroethene (TCE)	ND	1.0		µg/L	1	5/22/2015 7:09:35 PM	R26389
Trichlorofluoromethane	ND	1.0		µg/L	1	5/22/2015 7:09:35 PM	R26389
1,2,3-Trichloropropane	ND	2.0		µg/L	1	5/22/2015 7:09:35 PM	R26389
Vinyl chloride	ND	1.0		µg/L	1	5/22/2015 7:09:35 PM	R26389
Xylenes, Total	ND	1.5		µg/L	1	5/22/2015 7:09:35 PM	R26389
Surr: 1,2-Dichloroethane-d4	90.7	70-130		%REC	1	5/22/2015 7:09:35 PM	R26389
Surr: 4-Bromofluorobenzene	113	70-130		%REC	1	5/22/2015 7:09:35 PM	R26389
Surr: Dibromofluoromethane	92.9	70-130		%REC	1	5/22/2015 7:09:35 PM	R26389
Surr: Toluene-d8	102	70-130		%REC	1	5/22/2015 7:09:35 PM	R26389

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
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
O	RSD is greater than RSDlimit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Atex 213
Lab ID: 1505857-010
Matrix: AQUEOUS
Client Sample ID: RNMW-3
Collection Date: 5/19/2015 12:28:00 PM
Received Date: 5/19/2015 2:30:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**	
Benzene	ND	1.0		µg/L	1	5/22/2015 7:38:18 PM	R26389
Toluene	ND	1.0		µg/L	1	5/22/2015 7:38:18 PM	R26389
Ethylbenzene	ND	1.0		µg/L	1	5/22/2015 7:38:18 PM	R26389
Methyl tert-butyl ether (MTBE)	46	1.0		µg/L	1	5/22/2015 7:38:18 PM	R26389
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	5/22/2015 7:38:18 PM	R26389
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	5/22/2015 7:38:18 PM	R26389
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	5/22/2015 7:38:18 PM	R26389
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	5/22/2015 7:38:18 PM	R26389
Naphthalene	ND	2.0		µg/L	1	5/22/2015 7:38:18 PM	R26389
1-Methylnaphthalene	ND	4.0		µg/L	1	5/22/2015 7:38:18 PM	R26389
2-Methylnaphthalene	ND	4.0		µg/L	1	5/22/2015 7:38:18 PM	R26389
Acetone	ND	10		µg/L	1	5/22/2015 7:38:18 PM	R26389
Bromobenzene	ND	1.0		µg/L	1	5/22/2015 7:38:18 PM	R26389
Bromodichloromethane	ND	1.0		µg/L	1	5/22/2015 7:38:18 PM	R26389
Bromoform	ND	1.0		µg/L	1	5/22/2015 7:38:18 PM	R26389
Bromomethane	ND	3.0		µg/L	1	5/22/2015 7:38:18 PM	R26389
2-Butanone	ND	10		µg/L	1	5/22/2015 7:38:18 PM	R26389
Carbon disulfide	ND	10		µg/L	1	5/22/2015 7:38:18 PM	R26389
Carbon Tetrachloride	ND	1.0		µg/L	1	5/22/2015 7:38:18 PM	R26389
Chlorobenzene	ND	1.0		µg/L	1	5/22/2015 7:38:18 PM	R26389
Chloroethane	ND	2.0		µg/L	1	5/22/2015 7:38:18 PM	R26389
Chloroform	ND	1.0		µg/L	1	5/22/2015 7:38:18 PM	R26389
Chloromethane	ND	3.0		µg/L	1	5/22/2015 7:38:18 PM	R26389
2-Chlorotoluene	ND	1.0		µg/L	1	5/22/2015 7:38:18 PM	R26389
4-Chlorotoluene	ND	1.0		µg/L	1	5/22/2015 7:38:18 PM	R26389
cis-1,2-DCE	ND	1.0		µg/L	1	5/22/2015 7:38:18 PM	R26389
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	5/22/2015 7:38:18 PM	R26389
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	5/22/2015 7:38:18 PM	R26389
Dibromochloromethane	ND	1.0		µg/L	1	5/22/2015 7:38:18 PM	R26389
Dibromomethane	ND	1.0		µg/L	1	5/22/2015 7:38:18 PM	R26389
1,2-Dichlorobenzene	ND	1.0		µg/L	1	5/22/2015 7:38:18 PM	R26389
1,3-Dichlorobenzene	ND	1.0		µg/L	1	5/22/2015 7:38:18 PM	R26389
1,4-Dichlorobenzene	ND	1.0		µg/L	1	5/22/2015 7:38:18 PM	R26389
Dichlorodifluoromethane	ND	1.0		µg/L	1	5/22/2015 7:38:18 PM	R26389
1,1-Dichloroethane	ND	1.0		µg/L	1	5/22/2015 7:38:18 PM	R26389
1,1-Dichloroethene	ND	1.0		µg/L	1	5/22/2015 7:38:18 PM	R26389
1,2-Dichloropropane	ND	1.0		µg/L	1	5/22/2015 7:38:18 PM	R26389
1,3-Dichloropropane	ND	1.0		µg/L	1	5/22/2015 7:38:18 PM	R26389
2,2-Dichloropropane	ND	2.0		µg/L	1	5/22/2015 7:38:18 PM	R26389

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
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
O	RSD is greater than RSDlimit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Atex 213
Lab ID: 1505857-010 **Matrix:** AQUEOUS

Client Sample ID: RNMW-3
Collection Date: 5/19/2015 12:28:00 PM
Received Date: 5/19/2015 2:30:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**	
1,1-Dichloropropene	ND	1.0		µg/L	1	5/22/2015 7:38:18 PM	R26389
Hexachlorobutadiene	ND	1.0		µg/L	1	5/22/2015 7:38:18 PM	R26389
2-Hexanone	ND	10		µg/L	1	5/22/2015 7:38:18 PM	R26389
Isopropylbenzene	1.5	1.0		µg/L	1	5/22/2015 7:38:18 PM	R26389
4-Isopropyltoluene	ND	1.0		µg/L	1	5/22/2015 7:38:18 PM	R26389
4-Methyl-2-pentanone	ND	10		µg/L	1	5/22/2015 7:38:18 PM	R26389
Methylene Chloride	ND	3.0		µg/L	1	5/22/2015 7:38:18 PM	R26389
n-Butylbenzene	ND	3.0		µg/L	1	5/22/2015 7:38:18 PM	R26389
n-Propylbenzene	4.7	1.0		µg/L	1	5/22/2015 7:38:18 PM	R26389
sec-Butylbenzene	1.2	1.0		µg/L	1	5/22/2015 7:38:18 PM	R26389
Styrene	ND	1.0		µg/L	1	5/22/2015 7:38:18 PM	R26389
tert-Butylbenzene	ND	1.0		µg/L	1	5/22/2015 7:38:18 PM	R26389
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	5/22/2015 7:38:18 PM	R26389
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	5/22/2015 7:38:18 PM	R26389
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	5/22/2015 7:38:18 PM	R26389
trans-1,2-DCE	ND	1.0		µg/L	1	5/22/2015 7:38:18 PM	R26389
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	5/22/2015 7:38:18 PM	R26389
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	5/22/2015 7:38:18 PM	R26389
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	5/22/2015 7:38:18 PM	R26389
1,1,1-Trichloroethane	ND	1.0		µg/L	1	5/22/2015 7:38:18 PM	R26389
1,1,2-Trichloroethane	ND	1.0		µg/L	1	5/22/2015 7:38:18 PM	R26389
Trichloroethene (TCE)	ND	1.0		µg/L	1	5/22/2015 7:38:18 PM	R26389
Trichlorofluoromethane	ND	1.0		µg/L	1	5/22/2015 7:38:18 PM	R26389
1,2,3-Trichloropropane	ND	2.0		µg/L	1	5/22/2015 7:38:18 PM	R26389
Vinyl chloride	ND	1.0		µg/L	1	5/22/2015 7:38:18 PM	R26389
Xylenes, Total	ND	1.5		µg/L	1	5/22/2015 7:38:18 PM	R26389
Surr: 1,2-Dichloroethane-d4	97.2	70-130		%REC	1	5/22/2015 7:38:18 PM	R26389
Surr: 4-Bromofluorobenzene	111	70-130		%REC	1	5/22/2015 7:38:18 PM	R26389
Surr: Dibromofluoromethane	101	70-130		%REC	1	5/22/2015 7:38:18 PM	R26389
Surr: Toluene-d8	102	70-130		%REC	1	5/22/2015 7:38:18 PM	R26389

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
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
O	RSD is greater than RSDlimit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Atex 213
Lab ID: 1505857-011
Matrix: AQUEOUS
Client Sample ID: MW-3
Collection Date: 5/19/2015 12:50:00 PM
Received Date: 5/19/2015 2:30:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**	
Benzene	2.3	1.0		µg/L	1	5/22/2015 8:07:00 PM	R26389
Toluene	1.4	1.0		µg/L	1	5/22/2015 8:07:00 PM	R26389
Ethylbenzene	12	1.0		µg/L	1	5/22/2015 8:07:00 PM	R26389
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	5/22/2015 8:07:00 PM	R26389
1,2,4-Trimethylbenzene	4.0	1.0		µg/L	1	5/22/2015 8:07:00 PM	R26389
1,3,5-Trimethylbenzene	1.9	1.0		µg/L	1	5/22/2015 8:07:00 PM	R26389
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	5/22/2015 8:07:00 PM	R26389
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	5/22/2015 8:07:00 PM	R26389
Naphthalene	78	20		µg/L	10	5/28/2015 4:15:25 PM	R26475
1-Methylnaphthalene	20	4.0		µg/L	1	5/22/2015 8:07:00 PM	R26389
2-Methylnaphthalene	29	4.0		µg/L	1	5/22/2015 8:07:00 PM	R26389
Acetone	ND	10		µg/L	1	5/22/2015 8:07:00 PM	R26389
Bromobenzene	ND	1.0		µg/L	1	5/22/2015 8:07:00 PM	R26389
Bromodichloromethane	ND	1.0		µg/L	1	5/22/2015 8:07:00 PM	R26389
Bromoform	ND	1.0		µg/L	1	5/22/2015 8:07:00 PM	R26389
Bromomethane	ND	3.0		µg/L	1	5/22/2015 8:07:00 PM	R26389
2-Butanone	ND	10		µg/L	1	5/22/2015 8:07:00 PM	R26389
Carbon disulfide	ND	10		µg/L	1	5/22/2015 8:07:00 PM	R26389
Carbon Tetrachloride	ND	1.0		µg/L	1	5/22/2015 8:07:00 PM	R26389
Chlorobenzene	ND	1.0		µg/L	1	5/22/2015 8:07:00 PM	R26389
Chloroethane	ND	2.0		µg/L	1	5/22/2015 8:07:00 PM	R26389
Chloroform	ND	1.0		µg/L	1	5/22/2015 8:07:00 PM	R26389
Chloromethane	ND	3.0		µg/L	1	5/22/2015 8:07:00 PM	R26389
2-Chlorotoluene	ND	1.0		µg/L	1	5/22/2015 8:07:00 PM	R26389
4-Chlorotoluene	ND	1.0		µg/L	1	5/22/2015 8:07:00 PM	R26389
cis-1,2-DCE	ND	1.0		µg/L	1	5/22/2015 8:07:00 PM	R26389
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	5/22/2015 8:07:00 PM	R26389
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	5/22/2015 8:07:00 PM	R26389
Dibromochloromethane	ND	1.0		µg/L	1	5/22/2015 8:07:00 PM	R26389
Dibromomethane	ND	1.0		µg/L	1	5/22/2015 8:07:00 PM	R26389
1,2-Dichlorobenzene	ND	1.0		µg/L	1	5/22/2015 8:07:00 PM	R26389
1,3-Dichlorobenzene	ND	1.0		µg/L	1	5/22/2015 8:07:00 PM	R26389
1,4-Dichlorobenzene	ND	1.0		µg/L	1	5/22/2015 8:07:00 PM	R26389
Dichlorodifluoromethane	ND	1.0		µg/L	1	5/22/2015 8:07:00 PM	R26389
1,1-Dichloroethane	ND	1.0		µg/L	1	5/22/2015 8:07:00 PM	R26389
1,1-Dichloroethene	ND	1.0		µg/L	1	5/22/2015 8:07:00 PM	R26389
1,2-Dichloropropane	ND	1.0		µg/L	1	5/22/2015 8:07:00 PM	R26389
1,3-Dichloropropane	ND	1.0		µg/L	1	5/22/2015 8:07:00 PM	R26389
2,2-Dichloropropane	ND	2.0		µg/L	1	5/22/2015 8:07:00 PM	R26389

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
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
O	RSD is greater than RSDlimit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Atex 213
Lab ID: 1505857-011
Matrix: AQUEOUS
Client Sample ID: MW-3
Collection Date: 5/19/2015 12:50:00 PM
Received Date: 5/19/2015 2:30:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**	
1,1-Dichloropropene	ND	1.0		µg/L	1	5/22/2015 8:07:00 PM	R26389
Hexachlorobutadiene	ND	1.0		µg/L	1	5/22/2015 8:07:00 PM	R26389
2-Hexanone	ND	10		µg/L	1	5/22/2015 8:07:00 PM	R26389
Isopropylbenzene	16	1.0		µg/L	1	5/22/2015 8:07:00 PM	R26389
4-Isopropyltoluene	ND	1.0		µg/L	1	5/22/2015 8:07:00 PM	R26389
4-Methyl-2-pentanone	ND	10		µg/L	1	5/22/2015 8:07:00 PM	R26389
Methylene Chloride	ND	3.0		µg/L	1	5/22/2015 8:07:00 PM	R26389
n-Butylbenzene	13	3.0		µg/L	1	5/22/2015 8:07:00 PM	R26389
n-Propylbenzene	64	10		µg/L	10	5/28/2015 4:15:25 PM	R26475
sec-Butylbenzene	5.8	1.0		µg/L	1	5/22/2015 8:07:00 PM	R26389
Styrene	ND	1.0		µg/L	1	5/22/2015 8:07:00 PM	R26389
tert-Butylbenzene	ND	1.0		µg/L	1	5/22/2015 8:07:00 PM	R26389
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	5/22/2015 8:07:00 PM	R26389
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	5/22/2015 8:07:00 PM	R26389
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	5/22/2015 8:07:00 PM	R26389
trans-1,2-DCE	ND	1.0		µg/L	1	5/22/2015 8:07:00 PM	R26389
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	5/22/2015 8:07:00 PM	R26389
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	5/22/2015 8:07:00 PM	R26389
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	5/22/2015 8:07:00 PM	R26389
1,1,1-Trichloroethane	ND	1.0		µg/L	1	5/22/2015 8:07:00 PM	R26389
1,1,2-Trichloroethane	ND	1.0		µg/L	1	5/22/2015 8:07:00 PM	R26389
Trichloroethene (TCE)	ND	1.0		µg/L	1	5/22/2015 8:07:00 PM	R26389
Trichlorofluoromethane	ND	1.0		µg/L	1	5/22/2015 8:07:00 PM	R26389
1,2,3-Trichloropropane	ND	2.0		µg/L	1	5/22/2015 8:07:00 PM	R26389
Vinyl chloride	ND	1.0		µg/L	1	5/22/2015 8:07:00 PM	R26389
Xylenes, Total	8.4	1.5		µg/L	1	5/22/2015 8:07:00 PM	R26389
Surr: 1,2-Dichloroethane-d4	91.0	70-130		%REC	1	5/22/2015 8:07:00 PM	R26389
Surr: 4-Bromofluorobenzene	103	70-130		%REC	1	5/22/2015 8:07:00 PM	R26389
Surr: Dibromofluoromethane	122	70-130		%REC	1	5/22/2015 8:07:00 PM	R26389
Surr: Toluene-d8	99.1	70-130		%REC	1	5/22/2015 8:07:00 PM	R26389

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
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
O	RSD is greater than RSDlimit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

Analytical Report
Lab Order **1505857**
Date Reported: **6/2/2015**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Atex 213
Lab ID: 1505857-012
Matrix: AQUEOUS
Client Sample ID: NMW-1
Collection Date: 5/19/2015 1:09:00 PM
Received Date: 5/19/2015 2:30:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**	
Benzene	430	50		µg/L	50	5/27/2015 2:18:03 PM	R26435
Toluene	11	5.0		µg/L	5	5/22/2015 8:35:54 PM	R26389
Ethylbenzene	100	5.0		µg/L	5	5/22/2015 8:35:54 PM	R26389
Methyl tert-butyl ether (MTBE)	62	5.0		µg/L	5	5/22/2015 8:35:54 PM	R26389
1,2,4-Trimethylbenzene	130	5.0		µg/L	5	5/22/2015 8:35:54 PM	R26389
1,3,5-Trimethylbenzene	10	5.0		µg/L	5	5/22/2015 8:35:54 PM	R26389
1,2-Dichloroethane (EDC)	ND	5.0		µg/L	5	5/22/2015 8:35:54 PM	R26389
1,2-Dibromoethane (EDB)	ND	5.0		µg/L	5	5/22/2015 8:35:54 PM	R26389
Naphthalene	57	10		µg/L	5	5/22/2015 8:35:54 PM	R26389
1-Methylnaphthalene	83	20		µg/L	5	5/22/2015 8:35:54 PM	R26389
2-Methylnaphthalene	ND	20		µg/L	5	5/22/2015 8:35:54 PM	R26389
Acetone	ND	50		µg/L	5	5/22/2015 8:35:54 PM	R26389
Bromobenzene	ND	5.0		µg/L	5	5/22/2015 8:35:54 PM	R26389
Bromodichloromethane	ND	5.0		µg/L	5	5/22/2015 8:35:54 PM	R26389
Bromoform	ND	5.0		µg/L	5	5/22/2015 8:35:54 PM	R26389
Bromomethane	ND	15		µg/L	5	5/22/2015 8:35:54 PM	R26389
2-Butanone	ND	50		µg/L	5	5/22/2015 8:35:54 PM	R26389
Carbon disulfide	ND	50		µg/L	5	5/22/2015 8:35:54 PM	R26389
Carbon Tetrachloride	ND	5.0		µg/L	5	5/22/2015 8:35:54 PM	R26389
Chlorobenzene	ND	5.0		µg/L	5	5/22/2015 8:35:54 PM	R26389
Chloroethane	ND	10		µg/L	5	5/22/2015 8:35:54 PM	R26389
Chloroform	ND	5.0		µg/L	5	5/22/2015 8:35:54 PM	R26389
Chloromethane	ND	15		µg/L	5	5/22/2015 8:35:54 PM	R26389
2-Chlorotoluene	ND	5.0		µg/L	5	5/22/2015 8:35:54 PM	R26389
4-Chlorotoluene	ND	5.0		µg/L	5	5/22/2015 8:35:54 PM	R26389
cis-1,2-DCE	ND	5.0		µg/L	5	5/22/2015 8:35:54 PM	R26389
cis-1,3-Dichloropropene	ND	5.0		µg/L	5	5/22/2015 8:35:54 PM	R26389
1,2-Dibromo-3-chloropropane	ND	10		µg/L	5	5/22/2015 8:35:54 PM	R26389
Dibromochloromethane	ND	5.0		µg/L	5	5/22/2015 8:35:54 PM	R26389
Dibromomethane	ND	5.0		µg/L	5	5/22/2015 8:35:54 PM	R26389
1,2-Dichlorobenzene	ND	5.0		µg/L	5	5/22/2015 8:35:54 PM	R26389
1,3-Dichlorobenzene	ND	5.0		µg/L	5	5/22/2015 8:35:54 PM	R26389
1,4-Dichlorobenzene	ND	5.0		µg/L	5	5/22/2015 8:35:54 PM	R26389
Dichlorodifluoromethane	ND	5.0		µg/L	5	5/22/2015 8:35:54 PM	R26389
1,1-Dichloroethane	ND	5.0		µg/L	5	5/22/2015 8:35:54 PM	R26389
1,1-Dichloroethene	ND	5.0		µg/L	5	5/22/2015 8:35:54 PM	R26389
1,2-Dichloropropane	ND	5.0		µg/L	5	5/22/2015 8:35:54 PM	R26389
1,3-Dichloropropane	ND	5.0		µg/L	5	5/22/2015 8:35:54 PM	R26389
2,2-Dichloropropane	ND	10		µg/L	5	5/22/2015 8:35:54 PM	R26389

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
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
O	RSD is greater than RSDlimit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Atex 213
Lab ID: 1505857-012
Matrix: AQUEOUS
Client Sample ID: NMW-1
Collection Date: 5/19/2015 1:09:00 PM
Received Date: 5/19/2015 2:30:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**	
1,1-Dichloropropene	ND	5.0		µg/L	5	5/22/2015 8:35:54 PM	R26389
Hexachlorobutadiene	ND	5.0		µg/L	5	5/22/2015 8:35:54 PM	R26389
2-Hexanone	ND	50		µg/L	5	5/22/2015 8:35:54 PM	R26389
Isopropylbenzene	24	5.0		µg/L	5	5/22/2015 8:35:54 PM	R26389
4-Isopropyltoluene	ND	5.0		µg/L	5	5/22/2015 8:35:54 PM	R26389
4-Methyl-2-pentanone	ND	50		µg/L	5	5/22/2015 8:35:54 PM	R26389
Methylene Chloride	ND	15		µg/L	5	5/22/2015 8:35:54 PM	R26389
n-Butylbenzene	ND	15		µg/L	5	5/22/2015 8:35:54 PM	R26389
n-Propylbenzene	60	5.0		µg/L	5	5/22/2015 8:35:54 PM	R26389
sec-Butylbenzene	13	5.0		µg/L	5	5/22/2015 8:35:54 PM	R26389
Styrene	ND	5.0		µg/L	5	5/22/2015 8:35:54 PM	R26389
tert-Butylbenzene	ND	5.0		µg/L	5	5/22/2015 8:35:54 PM	R26389
1,1,1,2-Tetrachloroethane	ND	5.0		µg/L	5	5/22/2015 8:35:54 PM	R26389
1,1,2,2-Tetrachloroethane	ND	10		µg/L	5	5/22/2015 8:35:54 PM	R26389
Tetrachloroethene (PCE)	ND	5.0		µg/L	5	5/22/2015 8:35:54 PM	R26389
trans-1,2-DCE	ND	5.0		µg/L	5	5/22/2015 8:35:54 PM	R26389
trans-1,3-Dichloropropene	ND	5.0		µg/L	5	5/22/2015 8:35:54 PM	R26389
1,2,3-Trichlorobenzene	ND	5.0		µg/L	5	5/22/2015 8:35:54 PM	R26389
1,2,4-Trichlorobenzene	ND	5.0		µg/L	5	5/22/2015 8:35:54 PM	R26389
1,1,1-Trichloroethane	ND	5.0		µg/L	5	5/22/2015 8:35:54 PM	R26389
1,1,2-Trichloroethane	ND	5.0		µg/L	5	5/22/2015 8:35:54 PM	R26389
Trichloroethene (TCE)	ND	5.0		µg/L	5	5/22/2015 8:35:54 PM	R26389
Trichlorofluoromethane	ND	5.0		µg/L	5	5/22/2015 8:35:54 PM	R26389
1,2,3-Trichloropropane	ND	10		µg/L	5	5/22/2015 8:35:54 PM	R26389
Vinyl chloride	ND	5.0		µg/L	5	5/22/2015 8:35:54 PM	R26389
Xylenes, Total	140	7.5		µg/L	5	5/22/2015 8:35:54 PM	R26389
Surr: 1,2-Dichloroethane-d4	90.9	70-130		%REC	5	5/22/2015 8:35:54 PM	R26389
Surr: 4-Bromofluorobenzene	120	70-130		%REC	5	5/22/2015 8:35:54 PM	R26389
Surr: Dibromofluoromethane	112	70-130		%REC	5	5/22/2015 8:35:54 PM	R26389
Surr: Toluene-d8	104	70-130		%REC	5	5/22/2015 8:35:54 PM	R26389

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
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
O	RSD is greater than RSDlimit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Atex 213
Lab ID: 1505857-013
Matrix: AQUEOUS
Client Sample ID: MW-6RR
Collection Date: 5/19/2015 1:32:00 PM
Received Date: 5/19/2015 2:30:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**	
Benzene	ND	1.0		µg/L	1	5/26/2015 3:01:21 PM	R26417
Toluene	ND	1.0		µg/L	1	5/26/2015 3:01:21 PM	R26417
Ethylbenzene	24	1.0		µg/L	1	5/26/2015 3:01:21 PM	R26417
Methyl tert-butyl ether (MTBE)	4.6	1.0		µg/L	1	5/26/2015 3:01:21 PM	R26417
1,2,4-Trimethylbenzene	13	1.0		µg/L	1	5/26/2015 3:01:21 PM	R26417
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	5/26/2015 3:01:21 PM	R26417
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	5/26/2015 3:01:21 PM	R26417
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	5/26/2015 3:01:21 PM	R26417
Naphthalene	33	2.0		µg/L	1	5/26/2015 3:01:21 PM	R26417
1-Methylnaphthalene	5.8	4.0		µg/L	1	5/26/2015 3:01:21 PM	R26417
2-Methylnaphthalene	ND	4.0		µg/L	1	5/26/2015 3:01:21 PM	R26417
Acetone	ND	10		µg/L	1	5/26/2015 3:01:21 PM	R26417
Bromobenzene	ND	1.0		µg/L	1	5/26/2015 3:01:21 PM	R26417
Bromodichloromethane	ND	1.0		µg/L	1	5/26/2015 3:01:21 PM	R26417
Bromoform	ND	1.0		µg/L	1	5/26/2015 3:01:21 PM	R26417
Bromomethane	ND	3.0		µg/L	1	5/26/2015 3:01:21 PM	R26417
2-Butanone	ND	10		µg/L	1	5/26/2015 3:01:21 PM	R26417
Carbon disulfide	ND	10		µg/L	1	5/26/2015 3:01:21 PM	R26417
Carbon Tetrachloride	ND	1.0		µg/L	1	5/26/2015 3:01:21 PM	R26417
Chlorobenzene	ND	1.0		µg/L	1	5/26/2015 3:01:21 PM	R26417
Chloroethane	ND	2.0		µg/L	1	5/26/2015 3:01:21 PM	R26417
Chloroform	ND	1.0		µg/L	1	5/26/2015 3:01:21 PM	R26417
Chloromethane	ND	3.0		µg/L	1	5/26/2015 3:01:21 PM	R26417
2-Chlorotoluene	ND	1.0		µg/L	1	5/26/2015 3:01:21 PM	R26417
4-Chlorotoluene	ND	1.0		µg/L	1	5/26/2015 3:01:21 PM	R26417
cis-1,2-DCE	ND	1.0		µg/L	1	5/26/2015 3:01:21 PM	R26417
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	5/26/2015 3:01:21 PM	R26417
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	5/26/2015 3:01:21 PM	R26417
Dibromochloromethane	ND	1.0		µg/L	1	5/26/2015 3:01:21 PM	R26417
Dibromomethane	ND	1.0		µg/L	1	5/26/2015 3:01:21 PM	R26417
1,2-Dichlorobenzene	ND	1.0		µg/L	1	5/26/2015 3:01:21 PM	R26417
1,3-Dichlorobenzene	ND	1.0		µg/L	1	5/26/2015 3:01:21 PM	R26417
1,4-Dichlorobenzene	ND	1.0		µg/L	1	5/26/2015 3:01:21 PM	R26417
Dichlorodifluoromethane	ND	1.0		µg/L	1	5/26/2015 3:01:21 PM	R26417
1,1-Dichloroethane	ND	1.0		µg/L	1	5/26/2015 3:01:21 PM	R26417
1,1-Dichloroethene	ND	1.0		µg/L	1	5/26/2015 3:01:21 PM	R26417
1,2-Dichloropropane	ND	1.0		µg/L	1	5/26/2015 3:01:21 PM	R26417
1,3-Dichloropropane	ND	1.0		µg/L	1	5/26/2015 3:01:21 PM	R26417
2,2-Dichloropropane	ND	2.0		µg/L	1	5/26/2015 3:01:21 PM	R26417

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
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
O	RSD is greater than RSDlimit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Atex 213
Lab ID: 1505857-013
Matrix: AQUEOUS
Client Sample ID: MW-6RR
Collection Date: 5/19/2015 1:32:00 PM
Received Date: 5/19/2015 2:30:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**	
1,1-Dichloropropene	ND	1.0		µg/L	1	5/26/2015 3:01:21 PM	R26417
Hexachlorobutadiene	ND	1.0		µg/L	1	5/26/2015 3:01:21 PM	R26417
2-Hexanone	ND	10		µg/L	1	5/26/2015 3:01:21 PM	R26417
Isopropylbenzene	5.8	1.0		µg/L	1	5/26/2015 3:01:21 PM	R26417
4-Isopropyltoluene	ND	1.0		µg/L	1	5/26/2015 3:01:21 PM	R26417
4-Methyl-2-pentanone	ND	10		µg/L	1	5/26/2015 3:01:21 PM	R26417
Methylene Chloride	ND	3.0		µg/L	1	5/26/2015 3:01:21 PM	R26417
n-Butylbenzene	ND	3.0		µg/L	1	5/26/2015 3:01:21 PM	R26417
n-Propylbenzene	18	1.0		µg/L	1	5/26/2015 3:01:21 PM	R26417
sec-Butylbenzene	1.5	1.0		µg/L	1	5/26/2015 3:01:21 PM	R26417
Styrene	ND	1.0		µg/L	1	5/26/2015 3:01:21 PM	R26417
tert-Butylbenzene	ND	1.0		µg/L	1	5/26/2015 3:01:21 PM	R26417
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	5/26/2015 3:01:21 PM	R26417
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	5/26/2015 3:01:21 PM	R26417
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	5/26/2015 3:01:21 PM	R26417
trans-1,2-DCE	ND	1.0		µg/L	1	5/26/2015 3:01:21 PM	R26417
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	5/26/2015 3:01:21 PM	R26417
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	5/26/2015 3:01:21 PM	R26417
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	5/26/2015 3:01:21 PM	R26417
1,1,1-Trichloroethane	ND	1.0		µg/L	1	5/26/2015 3:01:21 PM	R26417
1,1,2-Trichloroethane	ND	1.0		µg/L	1	5/26/2015 3:01:21 PM	R26417
Trichloroethene (TCE)	ND	1.0		µg/L	1	5/26/2015 3:01:21 PM	R26417
Trichlorofluoromethane	ND	1.0		µg/L	1	5/26/2015 3:01:21 PM	R26417
1,2,3-Trichloropropane	ND	2.0		µg/L	1	5/26/2015 3:01:21 PM	R26417
Vinyl chloride	ND	1.0		µg/L	1	5/26/2015 3:01:21 PM	R26417
Xylenes, Total	3.2	1.5		µg/L	1	5/26/2015 3:01:21 PM	R26417
Surr: 1,2-Dichloroethane-d4	106	70-130		%REC	1	5/26/2015 3:01:21 PM	R26417
Surr: 4-Bromofluorobenzene	103	70-130		%REC	1	5/26/2015 3:01:21 PM	R26417
Surr: Dibromofluoromethane	112	70-130		%REC	1	5/26/2015 3:01:21 PM	R26417
Surr: Toluene-d8	89.4	70-130		%REC	1	5/26/2015 3:01:21 PM	R26417

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
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
O	RSD is greater than RSDlimit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Atex 213
Lab ID: 1505857-014

Client Sample ID: TRIP BLANK
Collection Date:
Matrix: TRIP BLANK **Received Date:** 5/19/2015 2:30:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**	
Benzene	ND	1.0		µg/L	1	5/22/2015 9:33:19 PM	R26389
Toluene	ND	1.0		µg/L	1	5/22/2015 9:33:19 PM	R26389
Ethylbenzene	ND	1.0		µg/L	1	5/22/2015 9:33:19 PM	R26389
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	5/22/2015 9:33:19 PM	R26389
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	5/22/2015 9:33:19 PM	R26389
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	5/22/2015 9:33:19 PM	R26389
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	5/22/2015 9:33:19 PM	R26389
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	5/22/2015 9:33:19 PM	R26389
Naphthalene	ND	2.0		µg/L	1	5/22/2015 9:33:19 PM	R26389
1-Methylnaphthalene	ND	4.0		µg/L	1	5/22/2015 9:33:19 PM	R26389
2-Methylnaphthalene	ND	4.0		µg/L	1	5/22/2015 9:33:19 PM	R26389
Acetone	ND	10		µg/L	1	5/22/2015 9:33:19 PM	R26389
Bromobenzene	ND	1.0		µg/L	1	5/22/2015 9:33:19 PM	R26389
Bromodichloromethane	ND	1.0		µg/L	1	5/22/2015 9:33:19 PM	R26389
Bromoform	ND	1.0		µg/L	1	5/22/2015 9:33:19 PM	R26389
Bromomethane	ND	3.0		µg/L	1	5/22/2015 9:33:19 PM	R26389
2-Butanone	ND	10		µg/L	1	5/22/2015 9:33:19 PM	R26389
Carbon disulfide	ND	10		µg/L	1	5/22/2015 9:33:19 PM	R26389
Carbon Tetrachloride	ND	1.0		µg/L	1	5/22/2015 9:33:19 PM	R26389
Chlorobenzene	ND	1.0		µg/L	1	5/22/2015 9:33:19 PM	R26389
Chloroethane	ND	2.0		µg/L	1	5/22/2015 9:33:19 PM	R26389
Chloroform	ND	1.0		µg/L	1	5/22/2015 9:33:19 PM	R26389
Chloromethane	ND	3.0		µg/L	1	5/22/2015 9:33:19 PM	R26389
2-Chlorotoluene	ND	1.0		µg/L	1	5/22/2015 9:33:19 PM	R26389
4-Chlorotoluene	ND	1.0		µg/L	1	5/22/2015 9:33:19 PM	R26389
cis-1,2-DCE	ND	1.0		µg/L	1	5/22/2015 9:33:19 PM	R26389
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	5/22/2015 9:33:19 PM	R26389
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	5/22/2015 9:33:19 PM	R26389
Dibromochloromethane	ND	1.0		µg/L	1	5/22/2015 9:33:19 PM	R26389
Dibromomethane	ND	1.0		µg/L	1	5/22/2015 9:33:19 PM	R26389
1,2-Dichlorobenzene	ND	1.0		µg/L	1	5/22/2015 9:33:19 PM	R26389
1,3-Dichlorobenzene	ND	1.0		µg/L	1	5/22/2015 9:33:19 PM	R26389
1,4-Dichlorobenzene	ND	1.0		µg/L	1	5/22/2015 9:33:19 PM	R26389
Dichlorodifluoromethane	ND	1.0		µg/L	1	5/22/2015 9:33:19 PM	R26389
1,1-Dichloroethane	ND	1.0		µg/L	1	5/22/2015 9:33:19 PM	R26389
1,1-Dichloroethene	ND	1.0		µg/L	1	5/22/2015 9:33:19 PM	R26389
1,2-Dichloropropane	ND	1.0		µg/L	1	5/22/2015 9:33:19 PM	R26389
1,3-Dichloropropane	ND	1.0		µg/L	1	5/22/2015 9:33:19 PM	R26389
2,2-Dichloropropane	ND	2.0		µg/L	1	5/22/2015 9:33:19 PM	R26389

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
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
O	RSD is greater than RSDlimit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Project: Atex 213
Lab ID: 1505857-014

Client Sample ID: TRIP BLANK
Collection Date:
Matrix: TRIP BLANK **Received Date:** 5/19/2015 2:30:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**	
1,1-Dichloropropene	ND	1.0		µg/L	1	5/22/2015 9:33:19 PM	R26389
Hexachlorobutadiene	ND	1.0		µg/L	1	5/22/2015 9:33:19 PM	R26389
2-Hexanone	ND	10		µg/L	1	5/22/2015 9:33:19 PM	R26389
Isopropylbenzene	ND	1.0		µg/L	1	5/22/2015 9:33:19 PM	R26389
4-Isopropyltoluene	ND	1.0		µg/L	1	5/22/2015 9:33:19 PM	R26389
4-Methyl-2-pentanone	ND	10		µg/L	1	5/22/2015 9:33:19 PM	R26389
Methylene Chloride	ND	3.0		µg/L	1	5/22/2015 9:33:19 PM	R26389
n-Butylbenzene	ND	3.0		µg/L	1	5/22/2015 9:33:19 PM	R26389
n-Propylbenzene	ND	1.0		µg/L	1	5/22/2015 9:33:19 PM	R26389
sec-Butylbenzene	ND	1.0		µg/L	1	5/22/2015 9:33:19 PM	R26389
Styrene	ND	1.0		µg/L	1	5/22/2015 9:33:19 PM	R26389
tert-Butylbenzene	ND	1.0		µg/L	1	5/22/2015 9:33:19 PM	R26389
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	5/22/2015 9:33:19 PM	R26389
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	5/22/2015 9:33:19 PM	R26389
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	5/22/2015 9:33:19 PM	R26389
trans-1,2-DCE	ND	1.0		µg/L	1	5/22/2015 9:33:19 PM	R26389
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	5/22/2015 9:33:19 PM	R26389
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	5/22/2015 9:33:19 PM	R26389
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	5/22/2015 9:33:19 PM	R26389
1,1,1-Trichloroethane	ND	1.0		µg/L	1	5/22/2015 9:33:19 PM	R26389
1,1,2-Trichloroethane	ND	1.0		µg/L	1	5/22/2015 9:33:19 PM	R26389
Trichloroethene (TCE)	ND	1.0		µg/L	1	5/22/2015 9:33:19 PM	R26389
Trichlorofluoromethane	ND	1.0		µg/L	1	5/22/2015 9:33:19 PM	R26389
1,2,3-Trichloropropane	ND	2.0		µg/L	1	5/22/2015 9:33:19 PM	R26389
Vinyl chloride	ND	1.0		µg/L	1	5/22/2015 9:33:19 PM	R26389
Xylenes, Total	ND	1.5		µg/L	1	5/22/2015 9:33:19 PM	R26389
Surr: 1,2-Dichloroethane-d4	96.4	70-130		%REC	1	5/22/2015 9:33:19 PM	R26389
Surr: 4-Bromofluorobenzene	107	70-130		%REC	1	5/22/2015 9:33:19 PM	R26389
Surr: Dibromofluoromethane	89.7	70-130		%REC	1	5/22/2015 9:33:19 PM	R26389
Surr: Toluene-d8	94.0	70-130		%REC	1	5/22/2015 9:33:19 PM	R26389

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
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
O	RSD is greater than RSDlimit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1505857**

02-Jun-15

Client: EA Engineering

Project: Atex 213

Sample ID **100 LCS**	SampType: **LCS**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **LCSW**	Batch ID: **R26389**	RunNo: **26389**
Prep Date:	Analysis Date: **5/22/2015**	SeqNo: **784128** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	21	1.0	20.00	0	104	70	130			
Toluene	21	1.0	20.00	0	107	70	130			
Chlorobenzene	20	1.0	20.00	0	99.4	70	130			
1,1-Dichloroethene	22	1.0	20.00	0	108	75.6	144			
Trichloroethene (TCE)	19	1.0	20.00	0	94.0	70	130			
Surr: 1,2-Dichloroethane-d4	9.5		10.00		95.1	70	130			
Surr: 4-Bromofluorobenzene	11		10.00		109	70	130			
Surr: Dibromofluoromethane	9.0		10.00		90.4	70	130			
Surr: Toluene-d8	10		10.00		102	70	130			

Sample ID **5mL**	SampType: **MBLK**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW**	Batch ID: **R26389**	RunNo: **26389**
Prep Date:	Analysis Date: **5/22/2015**	SeqNo: **784174** 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.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH Not In Range
- RL Reporting Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1505857**

02-Jun-15

Client: EA Engineering

Project: Atex 213

Sample ID **5mL**	SampType: **MBLK**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW**	Batch ID: **R26389**	RunNo: **26389**
Prep Date:	Analysis Date: **5/22/2015**	SeqNo: **784174** 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
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
O	RSD is greater than RSDlimit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1505857**

02-Jun-15

Client: EA Engineering

Project: Atex 213

Sample ID **5mL**	SampType: **MBLK**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW**	Batch ID: **R26389**	RunNo: **26389**
Prep Date:	Analysis Date: **5/22/2015**	SeqNo: **784174** 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	9.8		10.00		98.2	70	130			
Surr: 4-Bromofluorobenzene	11		10.00		108	70	130			
Surr: Dibromofluoromethane	8.9		10.00		88.8	70	130			
Surr: Toluene-d8	10		10.00		100	70	130			

Sample ID **100ng LCS**	SampType: **LCS**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **LCSW**	Batch ID: **R26417**	RunNo: **26417**
Prep Date:	Analysis Date: **5/26/2015**	SeqNo: **785055** 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			
Toluene	21	1.0	20.00	0	103	70	130			
Chlorobenzene	19	1.0	20.00	0	93.7	70	130			
1,1-Dichloroethene	22	1.0	20.00	0	111	75.6	144			
Trichloroethene (TCE)	20	1.0	20.00	0	97.9	70	130			
Surr: 1,2-Dichloroethane-d4	10		10.00		105	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		101	70	130			
Surr: Dibromofluoromethane	10		10.00		100	70	130			
Surr: Toluene-d8	10		10.00		102	70	130			

Sample ID **5mL rb**	SampType: **MBLK**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW**	Batch ID: **R26417**	RunNo: **26417**
Prep Date:	Analysis Date: **5/26/2015**	SeqNo: **785091** 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								

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH Not In Range
- RL Reporting Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1505857**

02-Jun-15

Client: EA Engineering

Project: Atex 213

Sample ID **5mL rb**	SampType: **MBLK**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW**	Batch ID: **R26417**	RunNo: **26417**
Prep Date:	Analysis Date: **5/26/2015**	SeqNo: **785091** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
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								
tert-Butylbenzene	ND	1.0								
1,1,1,2-Tetrachloroethane	ND	1.0								

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH Not In Range
- RL Reporting Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1505857**

02-Jun-15

Client: EA Engineering

Project: Atex 213

Sample ID **5mL rb**	SampType: **MBLK**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW**	Batch ID: **R26417**	RunNo: **26417**
Prep Date:	Analysis Date: **5/26/2015**	SeqNo: **785091** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
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	9.7		10.00		96.8	70	130			
Surr: 4-Bromofluorobenzene	9.8		10.00		98.1	70	130			
Surr: Dibromofluoromethane	9.1		10.00		90.7	70	130			
Surr: Toluene-d8	9.5		10.00		95.0	70	130			

Sample ID **b2**	SampType: **MBLK**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW**	Batch ID: **R26417**	RunNo: **26417**
Prep Date:	Analysis Date: **5/27/2015**	SeqNo: **785168** 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								

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH Not In Range
- RL Reporting Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1505857**

02-Jun-15

Client: EA Engineering

Project: Atex 213

Sample ID **b2**	SampType: **MBLK**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW**	Batch ID: **R26417**	RunNo: **26417**
Prep Date:	Analysis Date: **5/27/2015**	SeqNo: **785168** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
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								
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								

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH Not In Range
- RL Reporting Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1505857**

02-Jun-15

Client: EA Engineering
Project: Atex 213

Sample ID **b2**	SampType: **MBLK**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW**	Batch ID: **R26417**	RunNo: **26417**
Prep Date:	Analysis Date: **5/27/2015**	SeqNo: **785168** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
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		106	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		100	70	130			
Surr: Dibromofluoromethane	10		10.00		102	70	130			
Surr: Toluene-d8	9.9		10.00		99.0	70	130			

Sample ID **100ng LCS 2**	SampType: **LCS**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **LCSW**	Batch ID: **R26417**	RunNo: **26417**
Prep Date:	Analysis Date: **5/27/2015**	SeqNo: **785170** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	24	1.0	20.00	0	118	70	130			
Toluene	21	1.0	20.00	0	106	70	130			
Chlorobenzene	19	1.0	20.00	0	96.6	70	130			
1,1-Dichloroethene	24	1.0	20.00	0	120	75.6	144			
Trichloroethene (TCE)	20	1.0	20.00	0	102	70	130			
Surr: 1,2-Dichloroethane-d4	10		10.00		104	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		104	70	130			
Surr: Dibromofluoromethane	9.8		10.00		98.2	70	130			
Surr: Toluene-d8	10		10.00		102	70	130			

Sample ID **100ng LCS**	SampType: **LCS**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **LCSW**	Batch ID: **R26435**	RunNo: **26435**
Prep Date:	Analysis Date: **5/27/2015**	SeqNo: **785564** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	18	1.0	20.00	0	89.1	70	130			
Surr: 1,2-Dichloroethane-d4	9.1		10.00		91.1	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		102	70	130			
Surr: Dibromofluoromethane	8.8		10.00		87.9	70	130			
Surr: Toluene-d8	10		10.00		104	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
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
O	RSD is greater than RSDlimit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	Spike Recovery outside accepted recovery limits		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1505857**

02-Jun-15

Client: EA Engineering
Project: Atex 213

Sample ID **5mL rb**	SampType: **MBLK**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW**	Batch ID: **R26435**	RunNo: **26435**
Prep Date:	Analysis Date: **5/27/2015**	SeqNo: **785567** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Surr: 1,2-Dichloroethane-d4	10		10.00		102	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		101	70	130			
Surr: Dibromofluoromethane	9.7		10.00		96.6	70	130			
Surr: Toluene-d8	8.9		10.00		89.2	70	130			

Sample ID **100ng LCS**	SampType: **LCS**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **LCSW**	Batch ID: **R26475**	RunNo: **26475**
Prep Date:	Analysis Date: **5/28/2015**	SeqNo: **786816** Units: **%REC**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 1,2-Dichloroethane-d4	9.6		10.00		96.4	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		105	70	130			
Surr: Dibromofluoromethane	9.2		10.00		91.7	70	130			
Surr: Toluene-d8	10		10.00		99.5	70	130			

Sample ID **5mL rb**	SampType: **MBLK**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW**	Batch ID: **R26475**	RunNo: **26475**
Prep Date:	Analysis Date: **5/28/2015**	SeqNo: **786831** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Naphthalene	ND	2.0								
n-Propylbenzene	ND	1.0								
Surr: 1,2-Dichloroethane-d4	9.2		10.00		92.0	70	130			
Surr: 4-Bromofluorobenzene	9.5		10.00		95.3	70	130			
Surr: Dibromofluoromethane	8.9		10.00		89.1	70	130			
Surr: Toluene-d8	9.6		10.00		96.4	70	130			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- E Value above quantitation range
- J Analyte detected below quantitation limits
- O RSD is greater than RSDlimit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- P Sample pH Not In Range
- RL Reporting Detection Limit

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: 1505857 RcptNo: 1

Received by/date: KM 05/19/15

Logged By: Ashley Gallegos 5/19/2015 2:30:00 PM AG

Completed By: Ashley Gallegos 5/19/2015 2:40:04 PM AG

Reviewed By: JO 05/19/15

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? (Note discrepancies on chain of custody)	Yes ☑	No ☐	
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? (If no, notify customer for authorization.)	Yes ☑	No ☐	

# 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	4.2	Good	Not Present			

Chain-of-Custody Record

Client: EA Engineering

Mailing Address: 320 Gold Ave SW #1210
Albuquerque NM 87102

Phone #: 505 224 9013

email or Fax#: landress@eaest.com

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)

Accreditation
☐ NELAP ☐ Other _____

☐ EDD (Type) _____

Turn-Around Time:
☐ Standard ☐ Rush _____

Project Name:
Atlx 213

Project #:
6284802

Project Manager:
Lane Andress

Sampler: Colton Lake

On Ice: ☑ Yes ☐ No

Sample Temperature: 4.2

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. 1505857	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)
7/14/15	0808	Aq	MW-38	3x VOA	$HgCl_2$	-001										X		
	0835		MW-2			-002												
	0855		BG-2			-003												
	0914		NMW-4R			-004												
	0946		RNMW-2			-005												
	1005		MW-1R			-006												
	1027		MW-4R			-007												
	1056		W-36			-008												
	1128		W-35			-009												
	1228		RNMW-3			-010												
	1250		MW-3			-011												
	1309		NMW-1			-012												

Date:	Time:	Relinquished by:	Received by:	Date	Time	Remarks:
7/14/15	1430			05/14/15	1430	
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.

Chain-of-Custody Record

Client: EA Engineering

Mailing Address: 320 Gold Ave SW #1210
Albuquerque, NM, 87102

Phone #: 505 224 9013

email or Fax#: landress@eaest.com

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)

Accreditation
☐ NELAP ☐ Other _____

☐ EDD (Type) _____

Turn-Around Time:
☐ Standard ☐ Rush _____

Project Name: Atex 213

Project #: 6289802

Project Manager: Lane Andress

Sampler: Colton Lake

On Ice: ☑ Yes ☐ No

Sample Temperature: 4.2

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 1505857	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)
5/11/15	1332	Aq	MW-6RR	3x VOA	$HgCl_2$	-013										X		
			Trip Blank			-014												

Analysis Request

Date: 5/11/15 Time: 1430 Relinquished by:

Received by: Date 05/19/15 Time 1430

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.