EA Engineering, Science, & Technology, Inc., PBC
320 Gold Avenue SW, Suite 1300
Albuquerque, New Mexico 87102
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February 16, 2017

Mr. Larry Kemp
New Mexico Environment Department
Petroleum Storage Tank Bureau
5500 San Antonio Drive, NE
Albuquerque, New Mexico 87109

Dear Mr. Kemp:

EA Engineering, Science, and Technology, Inc., PBC (EA) is submitting the 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 3900-1 is $7,672.84, including NMGRT.

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

Sincerely,

Lane Andress
Project Manager

Enclosure
Cc: File

ANNUAL GROUNDWATER MONITORING AND WELL SEARCH 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

February 2017

EA Project No.6289826.01

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: February 16, 2017

I. INTRODUCTION

EA Engineering, Science and Technology, Inc., PBC (EA) has completed the annual groundwater monitoring and public and private well search event at Atex #213 located at 3501 Isleta Boulevard, Albuquerque, New Mexico. The monitoring event was conducted in accordance with the *Work Plan for Annual Groundwater Monitoring Including Private and Public Well Search* 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 November 30, 2016. All work was completed under work plan identification number (WPID #) 3390 and Deliverable ID 3900-1.

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 January 17, 2017, EA measured fluid levels and collected groundwater samples 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. The groundwater samples were analyzed 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 damaged wells were repaired and MW-6R was replaced with a new monitoring well; MW-6RR.
- EA performed annual groundwater monitoring and a private and public well search in January 2017
- 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. No equipment from the system remains on site.

C. Monitoring Activities Performed

Groundwater Sampling Activities

On January 17, 2017, fluid levels in 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) were gauged with an electronic water level meter to the nearest 100th of a foot. 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 January 17, 2017. 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 Hall Environmental Analysis Laboratory 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 3 (MW-3, NMW-1, and W-35) of the 13 wells sampled. Well NMW-1 contained benzene concentration of 220 micrograms per liter (µg/L), and is the only well with benzene concentrations over NMWQCC standards. Monitoring wells MW-3, NMW-1, and W-35 contained total naphthalenes above NMWQCC standards at concentrations of 166 µg/L, 59 µg/L, and 525 µg/L, respectively. The NMWQCC groundwater quality standard for benzene is 10 µg/L and is 30 µg/L for total naphthalenes. 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. No equipment from the system remains on site.

E. Public and Private Well Search

A private and public well search was completed in accordance to the work plan. The New Mexico Office of the State Engineer (OSE) online Water Right Reporting System, utilizing both the Public Land Survey System and Universal Transverse Mercator system, was accessed to determine the location of private wells located within a 1,000 foot radius of the site, and any municipal wells located within a one mile radius of the site. Results of the search indicate that 17 domestic wells are present within approximately 1,000 feet of the site and one municipal well was located within one mile of the site. The locations of the wells are shown in Figure 4; details of the wells are listed in Table 5 and Appendix D.

F. 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 down and 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 fell by approximately 0.17 feet when compared to the previous groundwater gauging conducted in May 2015. Hydrographs are included in Appendix A. The overall direction of groundwater flow is to the southeast with a gradient of 0.0015 ft/ft. (Figure 2).

Both benzene and total naphthalene concentrations are present above NMWQCC standards at the site. Total naphthalenes concentrations in wells MW-6RR and W-36 decreased from the previous monitoring event in May 2015 to be below the NMWQCC standard of 30 µg/L. Total naphthalenes concentrations increased significantly in well W-35 from 45 µg/L in May 2015 to 525 µg/L and decreased significantly in NMW-1 from 140 µg/L to 59 µg/L while remaining above the NMWQCC standard. Benzene concentrations decreased in NMW-1 from 430 µg/L to 220 µg/L; however, it remains above the NMWQCC standard of 10 µg/L. All other monitoring wells remained below the NMWQCC standard for benzene. The January 17, 2017 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. No equipment from the system remains on site.

C. Recommendations

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

- EA recommends continued annual groundwater monitoring at the site.
- Collect tap samples from the two domestic wells located close to 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	17-Jan-17	4932.08	8.98	4923.10
	19-May-15		8.86	4923.22
	17-Nov-14	***	9.19	-
	2-May-14	4932.03	9.06	4922.97
MW-2	17-Jan-17	4934.72	11.73	4922.99
	19-May-15		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	17-Jan-17	4932.98	9.98	4923.00
	19-May-15		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	17-Jan-17	4933.42	10.57	4922.85
	19-May-15		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	17-Jan-17	4933.90	10.90	4923.00
	19-May-15		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	17-Jan-17	4931.87	8.96	4922.91
	19-May-15		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	17-Jan-17	4934.64	11.82	4922.82
	19-May-15		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	17-Jan-17	4932.63	9.57	4923.06
	19-May-15		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	Destroyed	NM
	22-Apr-04		10.03	4920.35
NMW-3*	28-Jul-05	4930.56	Destroyed	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	17-Jan-17	4932.53	9.88	4922.65
	19-May-15		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	17-Jan-17	4931.50	8.56	4922.94
	19-May-15		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
W-36	17-Jan-17	4932.00	8.76	4923.24
	19-May-15		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

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-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**	17-Jan-17	4933.45	10.44	4923.01
	19-May-15		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
RNMW-3**	17-Jan-17	4933.22	10.22	4923.00
	19-May-15		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

NOTE:
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	17-Jan-17	<2.0	<2.0	<2.0	<3.0	<2.0	<8.0
	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	17-Jan-17	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0
	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	17-Jan-17	1.7	1.6	16	7.2	<1.0	166
	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	17-Jan-17	<1.0	<1.0	<1.0	<1.5	7.0	<4.0
	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	17-Jan-17	<1.0	<1.0	<1.0	<1.5	<1.0	4.3
	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	17-Jan-17	<1.0	<1.0	<1.0	<1.5	<1.0	<4.0
	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	17-Jan-17	<1.0	<1.0	<1.0	<1.5	41	3.9
	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	17-Jan-17	220	<5.0	47	32	16	59
	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	17-Jan-17	<1.0	<1.0	<1.0	<1.5	23	<4.0
	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	17-Jan-17	1.3	<1.0	<1.0	<1.5	64	10
	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	17-Jan-17	<1.0	<1.0	<1.0	<1.5	2.0	<4.0
	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	17-Jan-17	<1.0	<1.0	16	<1.5	<1.0	525
	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	17-Jan-17	<1.0	<1.0	1.1	<1.5	<1.0	18
	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	17-Jan-17	Well bailed dry			
	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	17-Jan-17	7.11	1,060	20.6	2.02
	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	17-Jan-17	7.37	907	20.6	1.55
	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	17-Jan-17	7.35	864	20.3	1.73
	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

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

Well Number	Date Sampled	pH	SpC (µS/cm)	Temp	DO (mg/L)
MW-6R	17-Nov-14	Well Destroyed			
	1-May-14	7.93	880	20.0	2.19
MW-6RR	17-Jan-17	7.37	780	21.0	1.63
	19-May-15	7.54	734	19.7	1.10
	22-Dec-14	7.18	815	21.1	10.4
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	17-Jan-17	6.96	950	19.1	1.48
	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	17-Jan-17	7.47	838	18.7	2.40
	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	17-Jan-17	7.03	948	20.1	1.42
	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	17-Jan-17	7.26	933	20.4	1.78
	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

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

Well Number	Date Sampled	pH	SpC (µS/cm)	Temp	DO (mg/L)
RNMW-3	17-Jan-17	7.25	628	20.8	2.01
	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
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	17-Jan-17	7.42	567	19.3	1.75
	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	17-Jan-17	7.31	818	19.6	1.69
	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	17-Jan-17	7.19	862	19.6	1.82
	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

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

Well Number	Date Sampled	pH	SpC (µS/cm)	Temp	DO (mg/L)
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

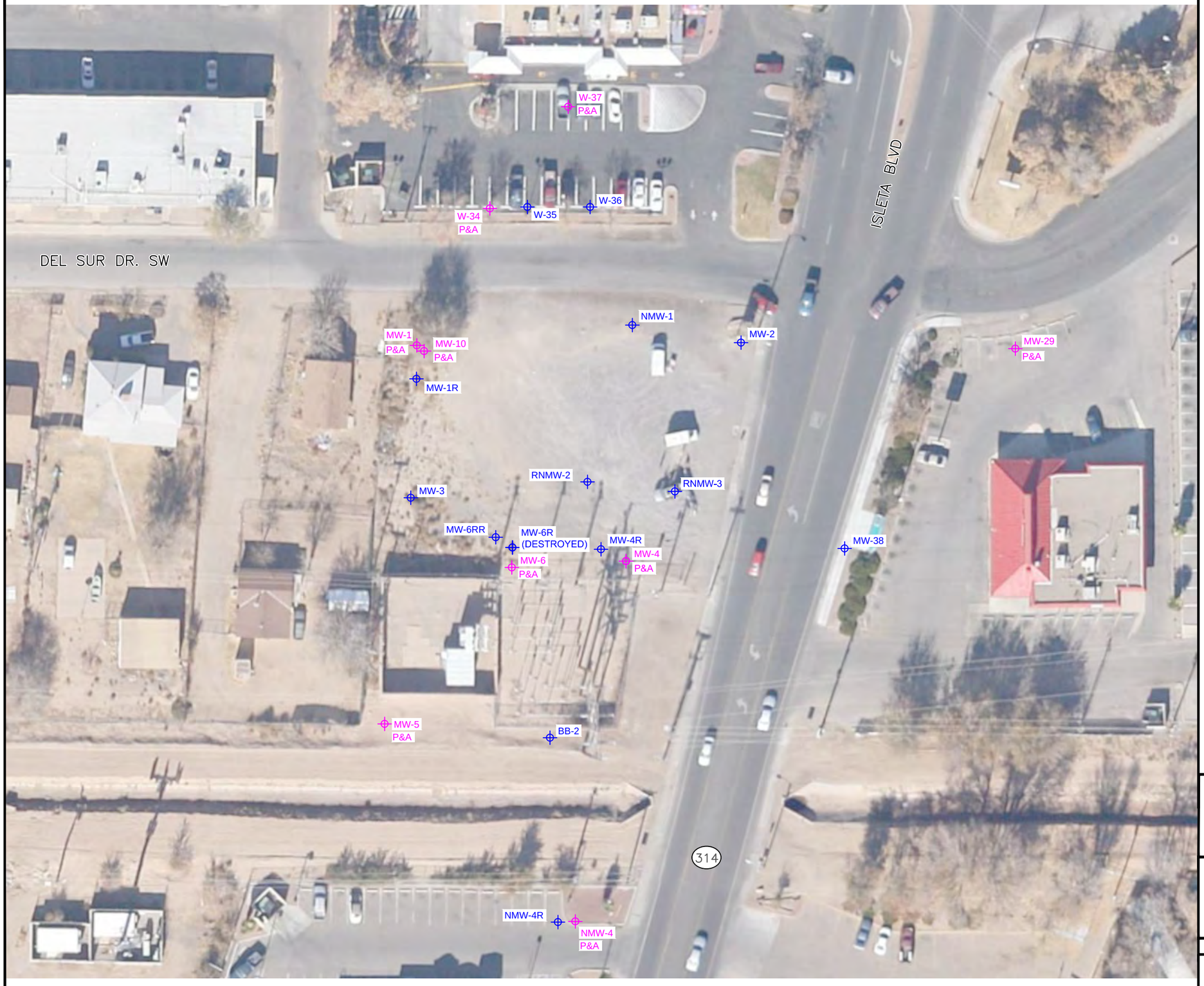
NOTES:
[1] - Unable to obtain parameters due to extremely poor recharge
DO = Dissolved oxygen. Meter malfunctioning during the October 2013 event
mg/L = Milligrams per liter
NM = Not Measured
SpC = Specific conductance measured in micro siemens per centimeter (µS/cm)
Temp = Temperature in degrees Celsius
-- = meter malfunction, parameter not taken
µS/cm = Microsiemens per centimeter

TABLE 5. SUMMARY OF PRIVATE AND PUBLIC WELL SEARCH

Well ID	Well Identifiers		Use	Well Owners	Well Log Obtained?	Total Depth (ft)	Screened Interval	Location						Approximate Distance from site (meters)	X[2]	Y[2]
	WR File Name	POD Number						Section	Township	Range	q64	q16	q4			
Wells Obtained through PLSS Search Methods[1]																
1	RG 21401	RG 21401 POD2	DOM	Henry Williams	Yes	38	Unknown	12	09N	02E	3	4	2	Unknown	--	--
2	RG 62309	RG 62309	DOM	Marcella S. Benson	No	45	Unknown	12	09N	02E	1	4	2	Unknown	--	--
3	RG 62708	RG 62708	DOM	Anthony J. Montano	No	31	Unknown	12	09N	02E	2	3	2	Unknown	--	--
4	RG 64002	RG 64002	DOM	Donnnell A. Montoya	No	44	Unknown	12	09N	02E	3	2	2	Unknown	--	--
5	RG 20690	RG 20690 POD2	DOM	Tom Stribling & Assoc. Realtor	No	45	Unknown	12	09N	02E	2	4	1	Unknown	--	--
6	RG 13048	RG 13048	MUN	City of Albuquerque	No	75	Unknown	12	09N	02E	2	4	3	Unknown	--	--
Wells Obtained through UTM Search Methods[1]																
7	RG 94637	RG 94637 POD2	MON	EA ENGINEERING SCIENCE & TECH.	Wells installed by EA for Atex 213 groundwater monitoring - well logs previously provided under separate cover			--	--	--	--	--	--	On site	346642	3877150
8	RG 94637	RG 94637 POD1	MON	EA ENGINEERING SCIENCE & TECH.				--	--	--	--	--	--	On site	346617	3877177
9	RG 94637	RG 94637 POD3	MON	EA ENGINEERING SCIENCE & TECH.				--	--	--	--	--	--	On site	346628	3877148
10	RG 94637	RG 94637 POD4	MON	EA ENGINEERING SCIENCE & TECH.				--	--	--	--	--	--	On site	346608	3877124
11	RG 94637	RG 94637 POD5	MON	EA ENGINEERING SCIENCE & TECH.				--	--	--	--	--	--	On site	346640	3877091
12	RG 43845	RG 43845 POD1	PDM	IRMGARD ARAGON	No	62	Unknown	12	09N	02E	--	--	--	187	346833	3877188
13	RG 51334	RG 51334 POD123	POL	NM ENVIRONMENT DEPARTMENT	NMED Wells - no further information provided			--	--	--	--	--	--	On site	346692	3877364
14	RG 51334	RG 51334 POD122	POL	NM ENVIRONMENT DEPARTMENT				--	--	--	--	--	--	On site	346695	3877383
15	RG 70739	RG 70739	DOM	GERALD MORAGA	Yes	409	389-409	22	09N	02E	4	4	4	251	346879	3877269
16	RG 38455	RG 38455 POD1	DOM	PHOEBE HAFELY	Yes	110	105-110	12	09N	02E	--	--	--	253	346829	3876996
17	RG 24742	RG 24742 POD1	DOM	TED THOMPSON	Yes	28	--	12	09N	02E	--	--	--	263	346891	3877271
18	RG 77949	RG 77949	DOM	LOUIE J. ARAGON	No	40	--	12	09N	02E	--	--	--	264	346876	3877040
19	RG 78486	RG 78486	DOM	GLORIA CASTRO	No	--	--	12	09N	02E	--	--	--	288	346759	3877438
20	RG 51016	RG 51016 POD1	DOM	MARIANO GARCIA	Yes	39	--	12	09N	02E	--	--	--	299	346698	3876877
21	RG 85685	RG 85685	MUL	PATRICIA M. JONES	No	--	--	12	09N	02E	--	--	--	301	346352	3877236
22	RG 85685	RG 85685 X	--	--	No	--	--	12	09N	02E	--	--	--	301	346352	3877236
23	RG 43865	RG 43865 POD1	DOM	MICHAEL J. RICHARD	Yes	50	--	12	09N	02E	--	--	--	302	346949	3877171
24	RG 43865	RG 43865 POD2	PDM	DOUG MILLER	Yes	46	--	12	09N	02E	--	--	--	303	346949	3877155

NOTES:
1 - Records obtained using the search function in the New Mexico Water Rights Reporting System (http://nmwrrs.ose.state.nm.us/nmwrrs/wellSurfaceDiversion.html), accessed March 14, 2017 and March 15, 2017.
2- X, Y coordinates in North American Datum 1983 coordinates (i.e. NAD83)
-- = No information was listed in the search results
DOM = Domestic
MON = Monitoring
MUL = Multiple domestic households
MUN = Municipal
PDM = Non-domestic
PLSS = Public Land Survey System
POD = Point of diversion
POL = Pollution control well
UTM = Universal Transverse Mercator

FIGURES



LEGEND:

MW-2 — MONITORING WELL

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

50 25 0 50

SCALE IN FEET

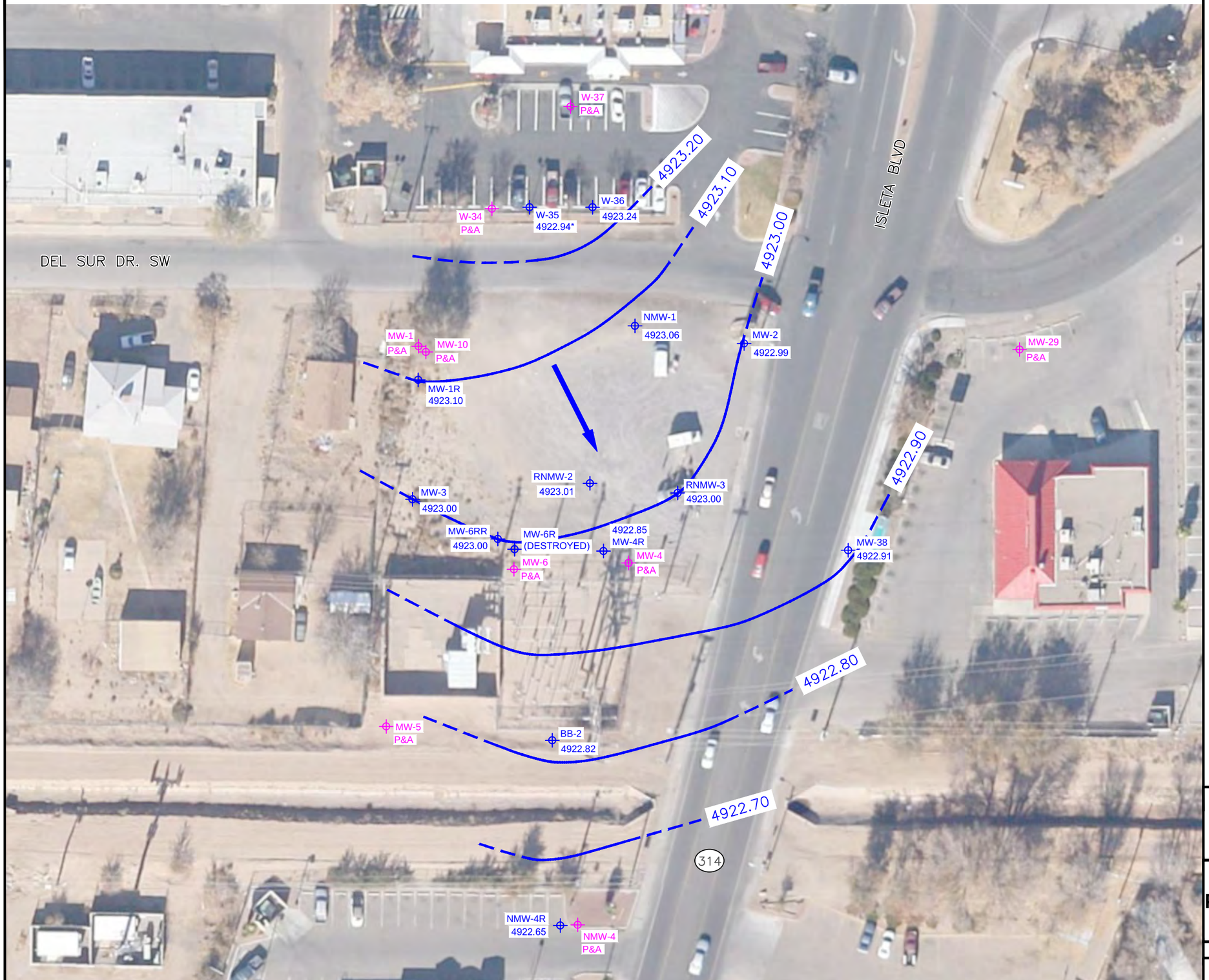
ATEX #213
SOUTH VALLEY AREA,
ALBUQUERQUE, BERNALILLO COUNTY,
NEW MEXICO

FIGURE 1
SITE MAP
JANUARY 2017

PROJECT #:	6289826	PROJECT PHASE:	01	PROJECT MANAGER:	LA

320 Gold Avenue, SW Suite 1300
Albuquerque, NM 87102
Phone: (505) 224-9013

EA ENGINEERING, SCIENCE, AND TECHNOLOGY, INC. PBC



LEGEND:

MW-1R 4923.10	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

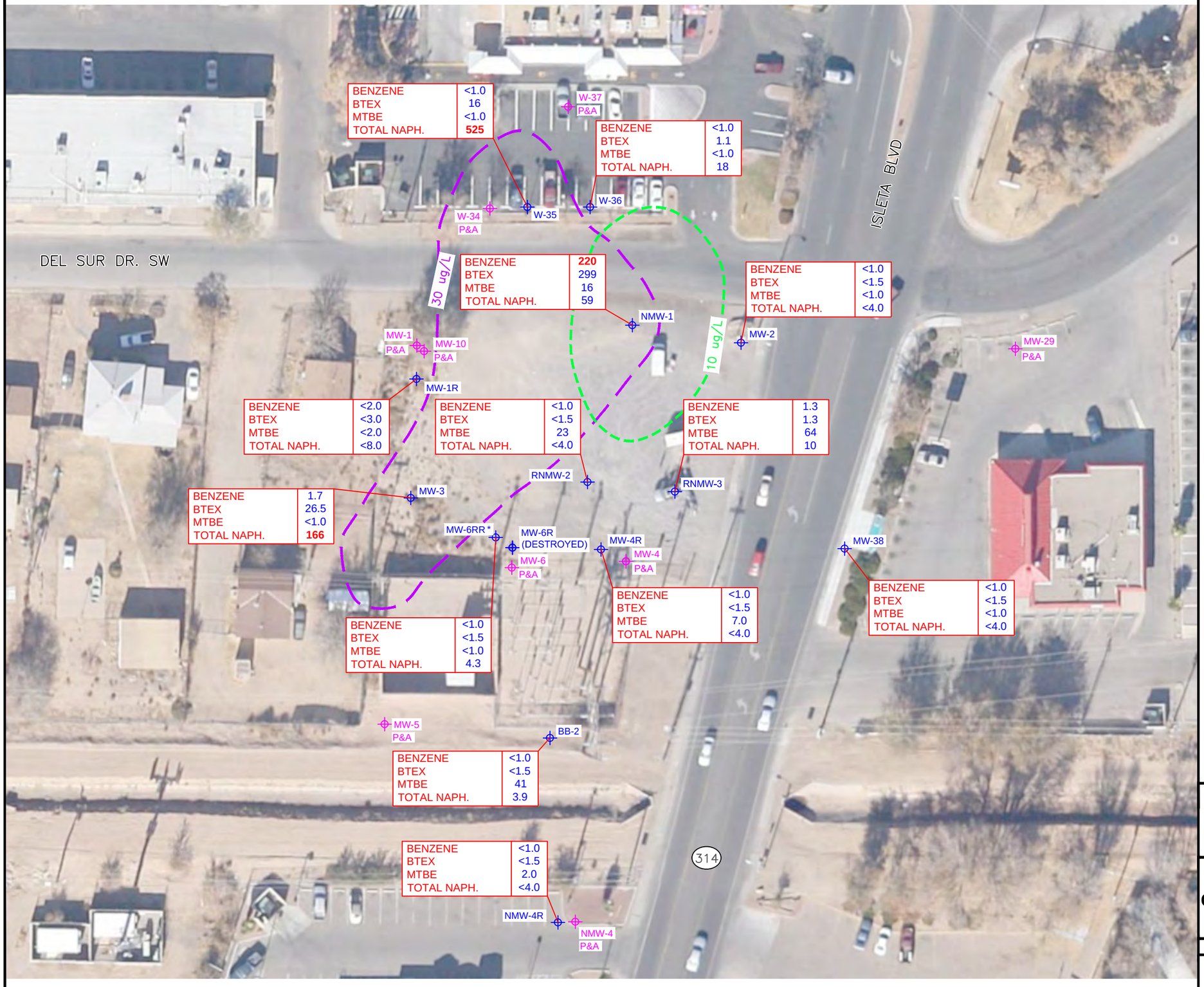
SCALE IN FEET

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

FIGURE 2
POTENTIOMETRIC SURFACE MAP
JANUARY 2017

PROJECT #:	6289826	PROJECT PHASE:	01	PROJECT MANAGER:	LA

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



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

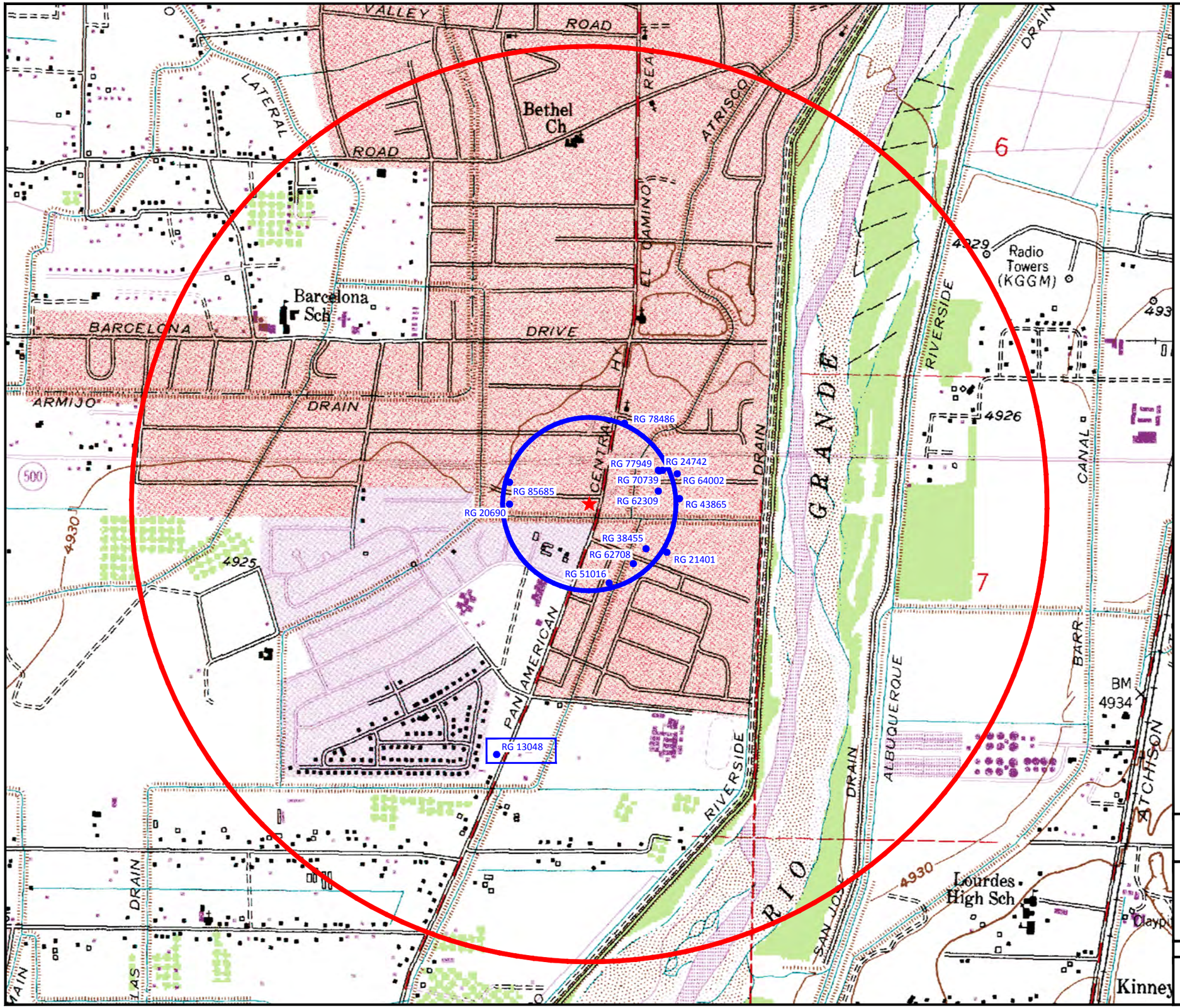
SCALE IN FEET

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

FIGURE 3
CONTAMINANT CONCENTRATION MAP
JANUARY 2017

PROJECT #:	6289826	PROJECT PHASE:	01	PROJECT MANAGER:	LA

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



LEGEND:

★	SITE LOCATION
RG 78486 ●	WELL LOCATION
RG 13048 ●	MUNICIPAL WELL LOCATION
	1,000 FOOT RADIUS
	1 MILE RADIUS
RG	RIO GRANDE BASIN

1100 550 0 1100

SCALE IN FEET

ATEX #213
ALBUQUERQUE'S SOUTH VALLEY,
BERNALILLO COUNTY, NEW MEXICO

FIGURE 4
RECEPTOR SURVEY MAP
JANUARY 2017

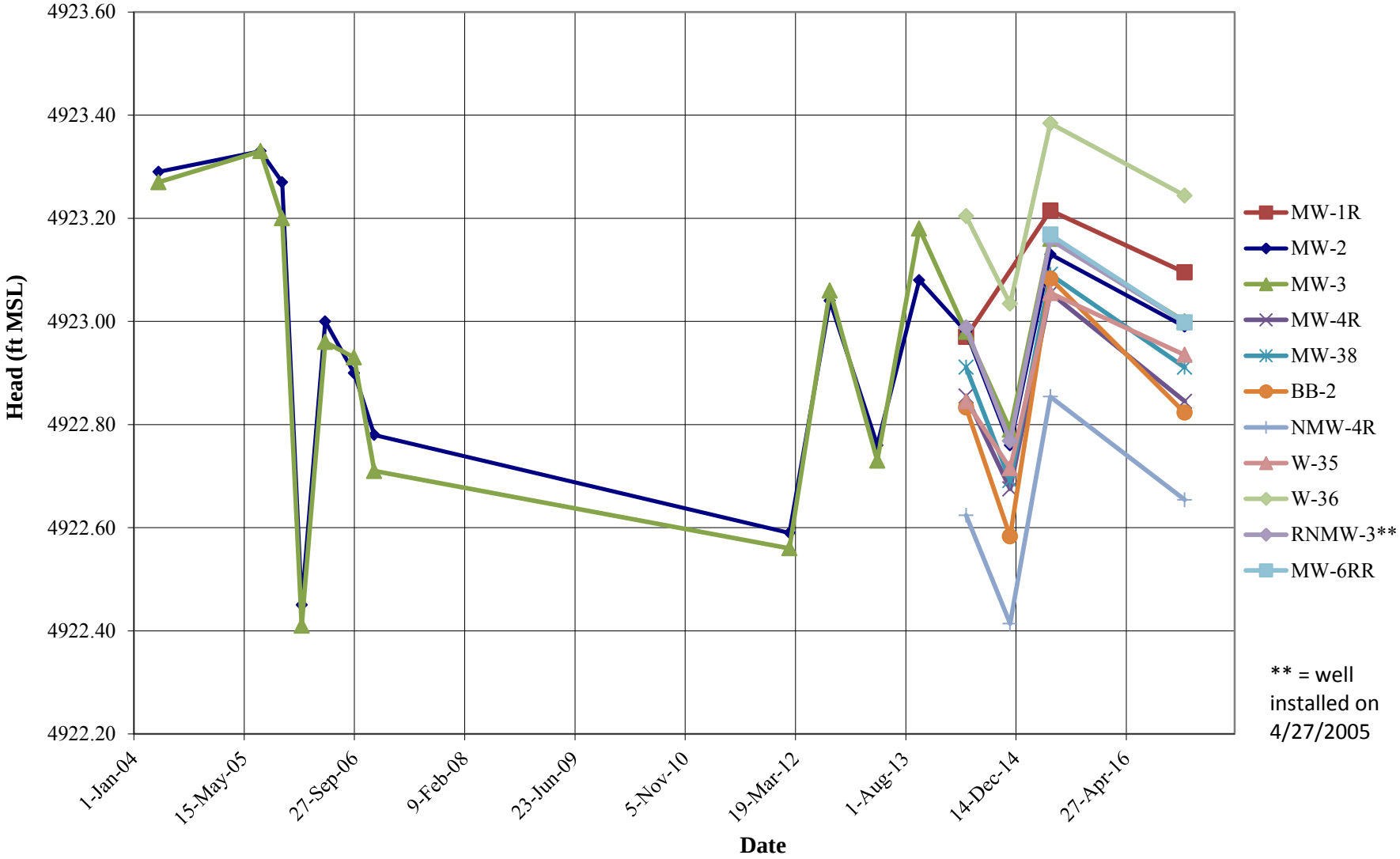
PROJECT #:	6289826	PROJECT PHASE:	01	PROJECT MANAGER:	LA

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

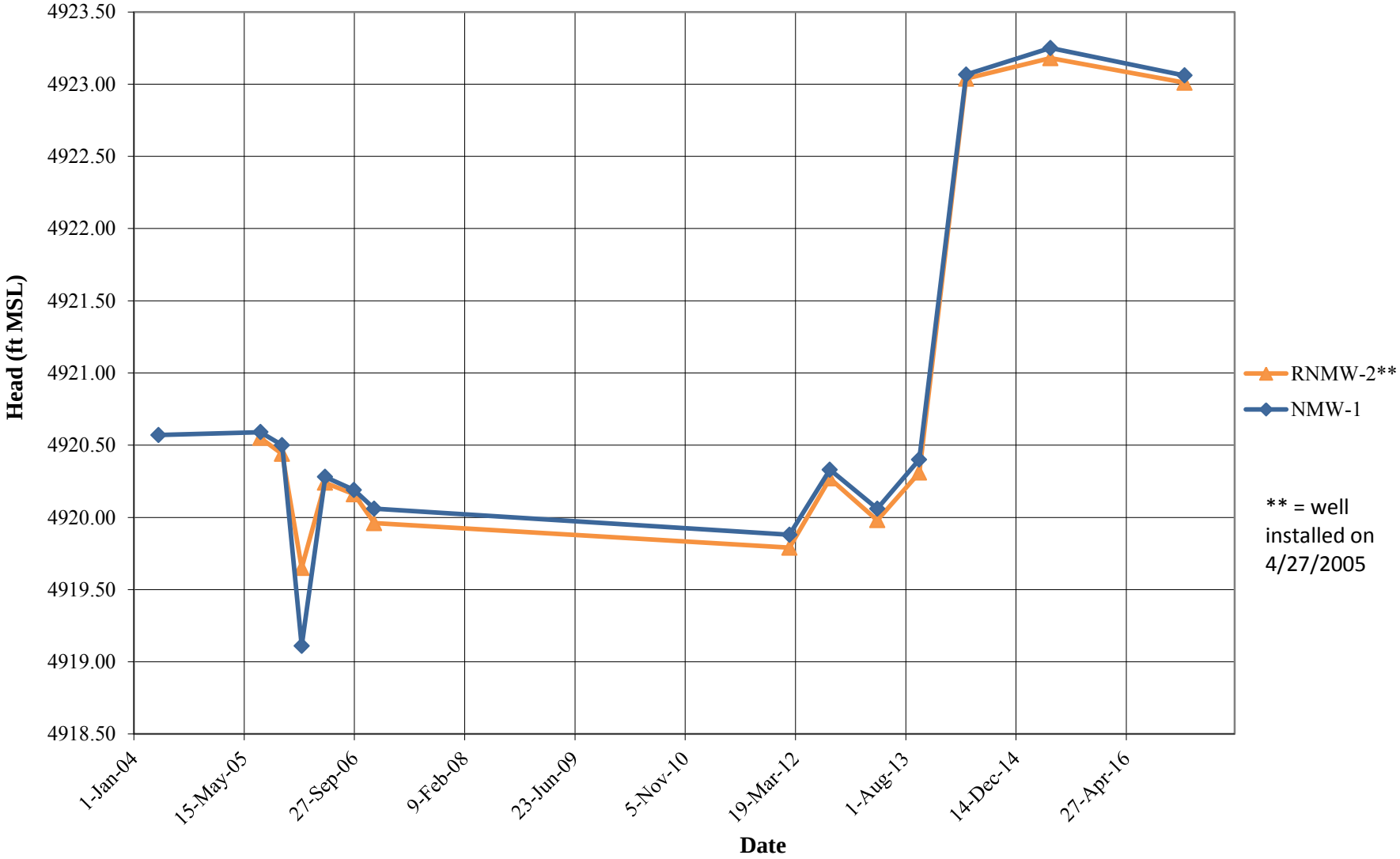
APPENDIX A

HYDROGRAPHS AND CONCENTRATION TRENDS

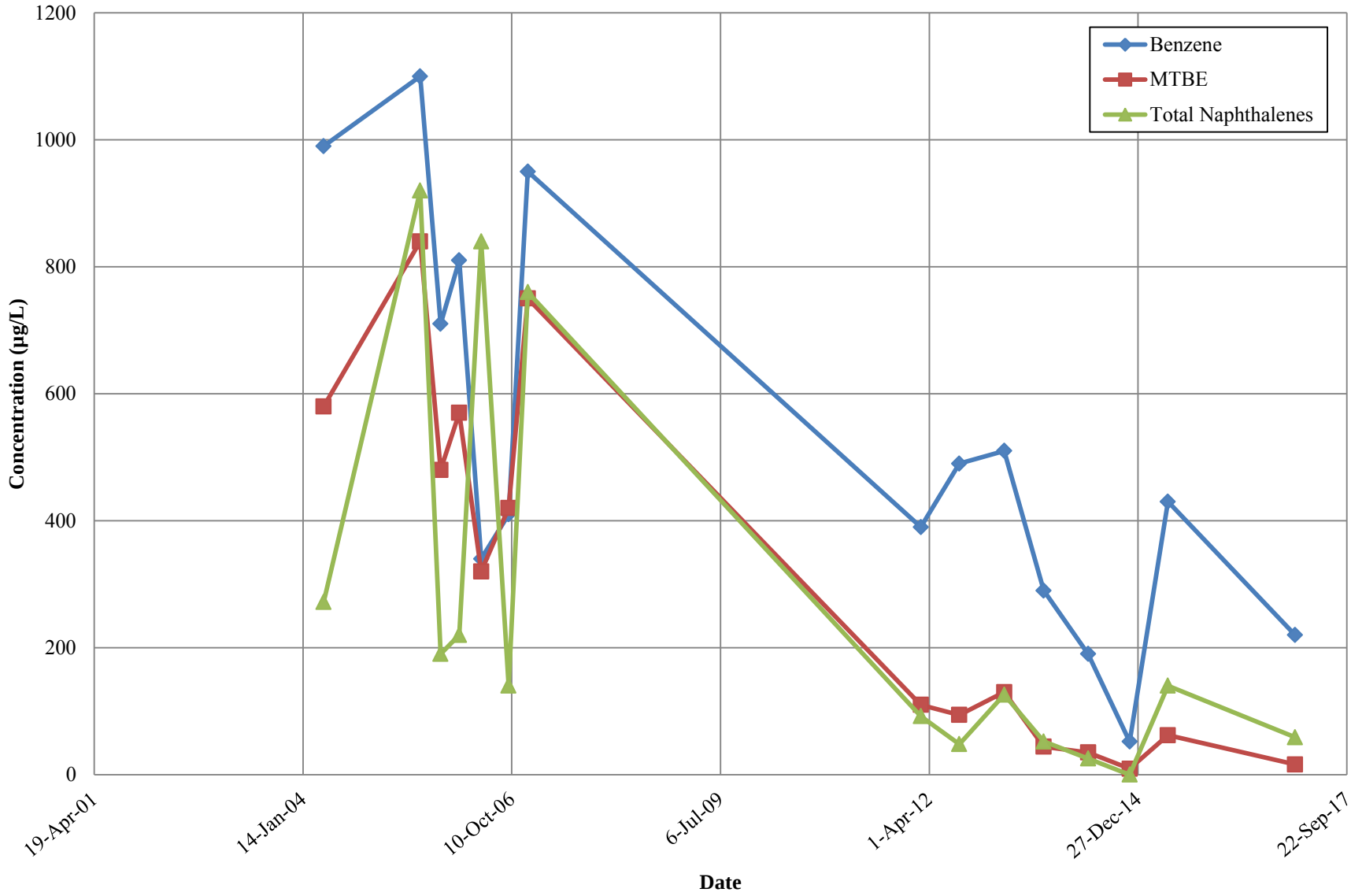
HYDROGRAPH FOR SELECT MONITORING WELLS

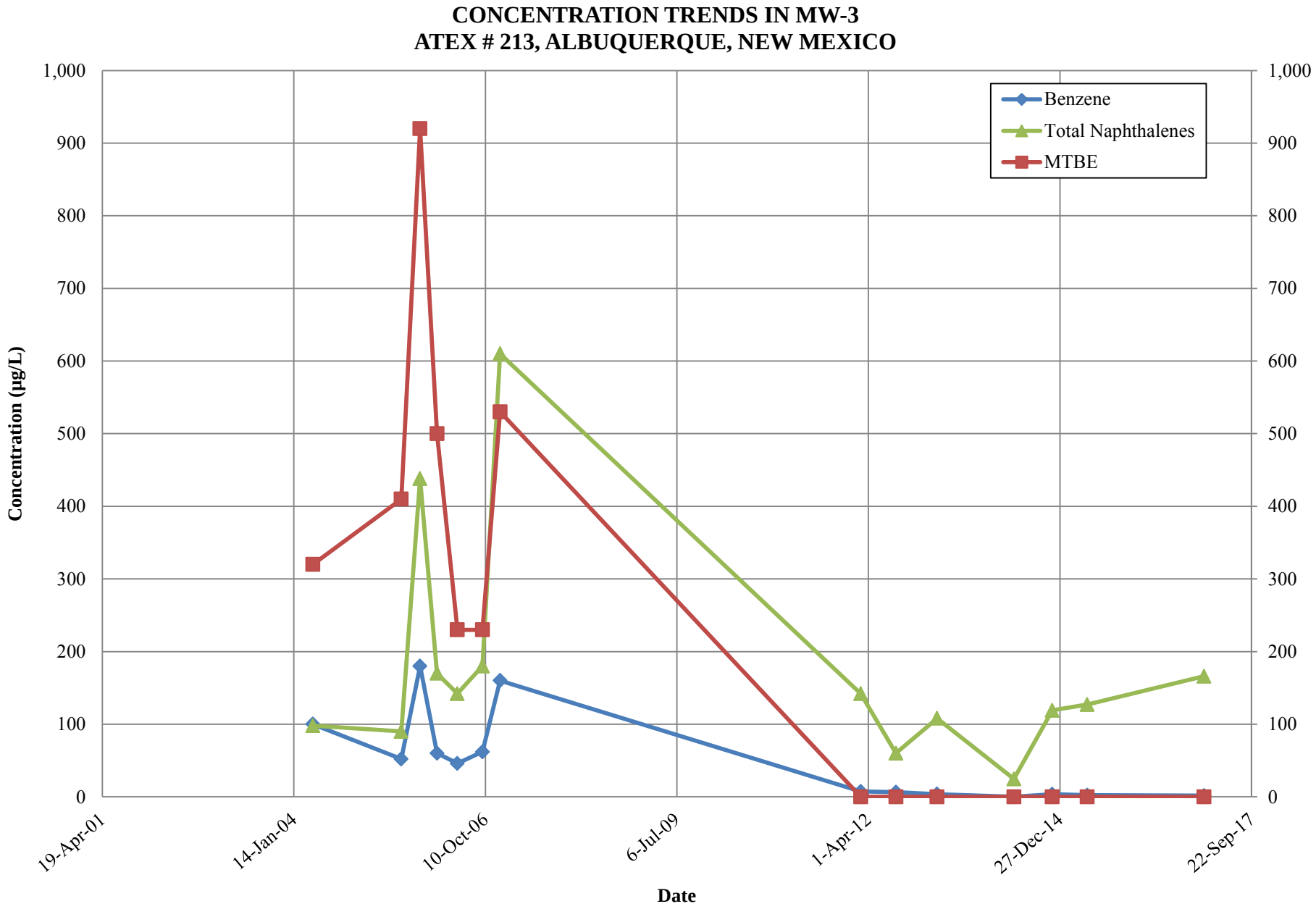


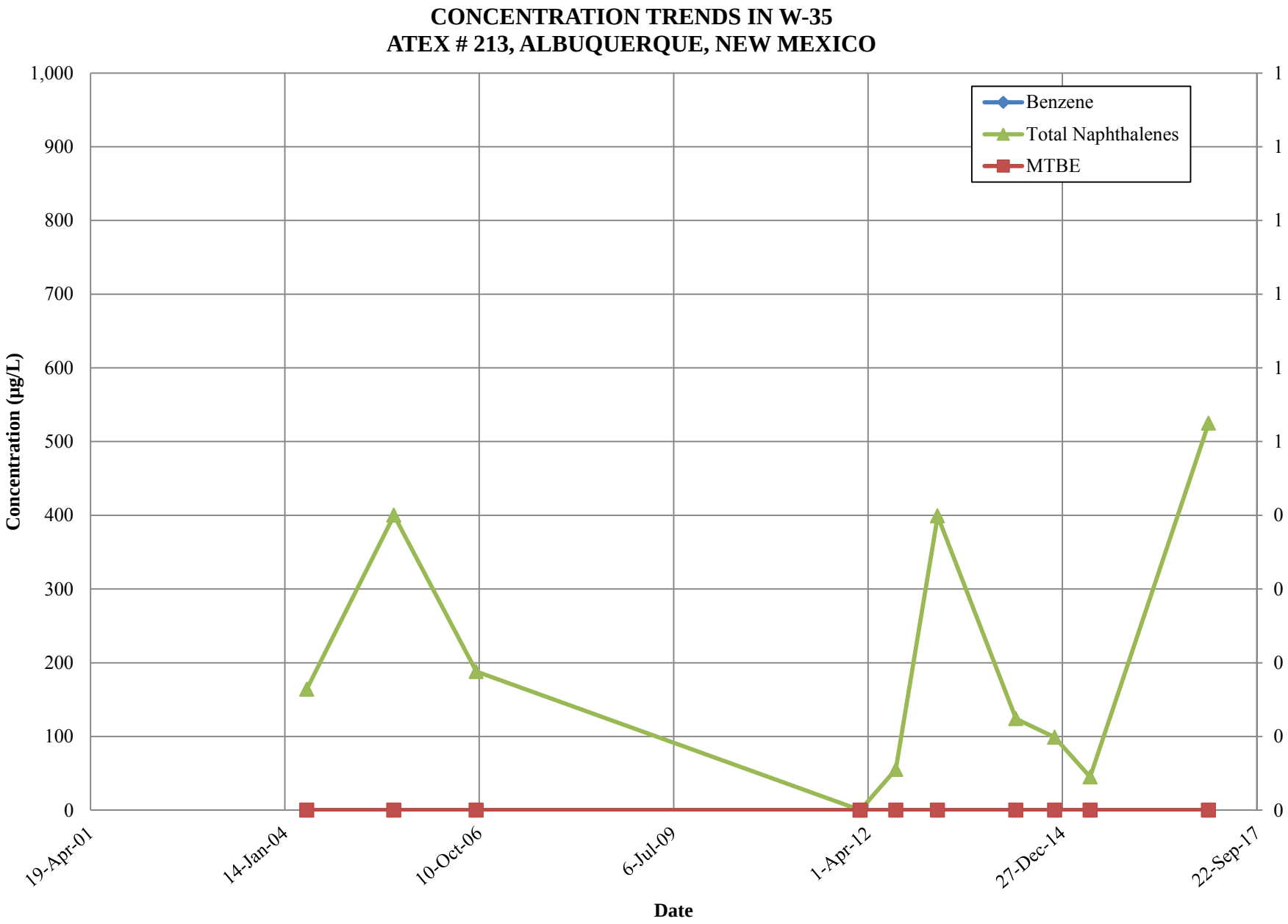
HYDROGRAPH FOR SELECT MONITORING WELLS



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




CONCENTRATION TRENDS IN MW-3
ATEX # 213, ALBUQUERQUE, NEW MEXICO
Concentration (µg/L)
1,000
900
800
700
600
500
400
300
200
100
0
Benzene
Total Naphthalenes
MTBE
19-Apr-01
14-Jan-04
10-Oct-06
6-Jul-09
1-Apr-12
27-Dec-14
22-Sep-17
Date


CONCENTRATION TRENDS IN W-35
ATEX # 213, ALBUQUERQUE, NEW MEXICO
Concentration (µg/L)
1,000
900
800
700
600
500
400
300
200
100
0
1
1
1
1
1
1
0
0
0
0
0
19-Apr-01
14-Jan-04
10-Oct-06
6-Jul-09
1-Apr-12
27-Dec-14
22-Sep-17
Date
Benzene
Total Naphthalenes
MTBE

APPENDIX B

FIELD FORMS

EA Engineering, Science, and Technology
320 Gold Avenue SW, Suite 1300
Albuquerque, NM 87102
Phone: (505) 224-9013

MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID: BB-2
Site: ATEX 213
Depth to PSH: – Feet
Depth to water: 11.82 Feet
Total depth: 14.61 Feet
NAPL thickness: – Feet

Date gauged: 1-17-17
Time gauged: 1127
Well diameter: 2 Inches
Height of fluid column: 2.79 Feet
Volume in well: 0.47 Gallons

(3 well volumes = 1.42 gallons)

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

GROUNDWATER SAMPLING DATA

Time/date purged: 1128 1-17-17
Purge Method: Hand Bail

Time	Purge Volume (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
1134	0.25	18.3	855.2	7.35	–	2.40
1138	0.75	18.7	840.4	7.34		
1140	1.25	18.7	837.9	7.47		

Actual purge volume: 1.50 gal.
Field measurements stabilized within ± 10%? Y

Time/date sampled: 1142 1-17-17
Purged/sampled by: CS

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

EA Engineering, Science, and Technology
320 Gold Avenue SW, Suite 1300
Albuquerque, NM 87102
Phone: (505) 224-9013

MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID	MW-1R		Date gauged	1-17-17	
Site	ATEX 213		Time gauged	1238	
Depth to PSH	– Feet	Well diameter	2 Inches		
Depth to water	8.98 Feet	Height of fluid column	0.27 Feet		
Total depth	9.25 Feet	Volume in well	0.05 Gallons		
NAPL thickness	– Feet				

(3 well volumes = 0.14 gallons)

After Bailing NAPL

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

GROUNDWATER SAMPLING DATA

Time/date purged 1239 1-17-17 Purge Method Hand Bail

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

Insufficient Water for parameters

Actual purge volume ~0.14 gal. Field measurements stabilized within ± 10%? –

Time/date sampled 1245 1-17-17 Purged/sampled by CS

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

EA Engineering, Science, and Technology
320 Gold Avenue SW, Suite 1300
Albuquerque, NM 87102
Phone: (505) 224-9013

MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID: MW-2
Site: ATEX 213
Depth to PSH: – Feet
Depth to water: 11.73 Feet
Total depth: 17.58 Feet
NAPL thickness: – Feet

Date gauged: 1-17-17
Time gauged: 0915
Well diameter: 2 Inches
Height of fluid column: 5.85 Feet
Volume in well: 0.99 Gallons

(3 well volumes = 3.0 gallons)

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

GROUNDWATER SAMPLING DATA

Time/date purged: 0920 1-17-17
Purge Method: the Hand Bail

Time	Purge Volume (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
0925	0.25	19.1	1077	7.09	–	2.02
0928	1.50	20.2	1073	7.16		
0932	1.75	20.6	1060	7.11		

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

Time/date sampled: 0935 1-17-17
Purged/sampled by: C.S.

Sample method: Disposable Bailer
Requested analyses: 8260 B

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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Phone: (505) 224-9013

MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID: MW-3
Site: ATEX 213
Depth to PSH: — Feet
Depth to water: 9.98 Feet
Total depth: 16.22 Feet
NAPL thickness: — Feet

Date gauged: 1-17-17
Time gauged: 1358
Well diameter: 2 Inches
Height of fluid column: 6.24 Feet
Volume in well: 1.06 Gallons

(3 well volumes = 3.18 gallons)

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

GROUNDWATER SAMPLING DATA

Time/date purged: 1400 1-17-17
Purge Method: Hand Bail

Time	Purge Volume (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
1402	0.25	19.5	1019	7.36		1.55
1405	1.50	20.3	9344	7.36		
1408	3.00	20.6	906.8	7.37		

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

Time/date sampled: 1410 1-17-17
Purged/sampled by: CS

Sample method: Disposable Bailer
Requested analyses: 8260 B
Comments/observations:

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

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MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID: MW-4R
Site: ATEX 213
Depth to PSH: - Feet
Depth to water: 10.57 Feet
Total depth: 21.13 Feet
NAPL thickness: - Feet

Date gauged: 1-17-17
Time gauged: 0950
Well diameter: 2 Inches
Height of fluid column: 10.56 Feet
Volume in well: 1.79 Gallons

(3 well volumes = 5.38 gallons)

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

GROUNDWATER SAMPLING DATA

Time/date purged: 0953 1-17-17
Purge Method: Hand Bail

Time	Purge Volume (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
0954	0.25	18.7	877.4	7.28	—	1.73
0959	2.75	20.1	875.9	7.30		
1003	5.25	20.3	864.0	7.35		

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

Time/date sampled: 1006 1-17-17
Purged/sampled by: C.S.

Sample method: Disposable Bailer
Requested analyses: 8260B
Comments/observations:

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

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MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID: MW-6RR
Site: ATEX 213
Depth to PSH: ~ Feet
Depth to water: 10.90 Feet
Total depth: 20.04 Feet
NAPL thickness: _____ Feet

Date gauged: 1-17-17
Time gauged: 1258
Well diameter: 2 Inches
Height of fluid column: 9.14 Feet
Volume in well: 1.55 Gallons

(3 well volumes = 4.66 gallons)

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

GROUNDWATER SAMPLING DATA

Time/date purged: 12.59 1-17-17
Purge Method: Hand Bail

Time	Purge Volume (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
1302	0.25	19.8	786.5	7.40		1.63
1306	2.25	20.7	788.2	7.38		
1310	4.50	21.0	780.3	7.37		

Actual purge volume: 4.75 gal.
Field measurements stabilized within ± 10%? X

Time/date sampled: 1312 1-17-17
Purged/sampled by: CS

Sample method: Disposable Bailer
Requested analyses: 8260B

Comments/observations:

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

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MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID: MW-38
Site: ATEX 213
Depth to PSH: — Feet
Depth to water: 8.96 Feet
Total depth: 12.15 Feet
NAPL thickness: — Feet

Date gauged: 1-17-17
Time gauged: 0830
Well diameter: 2 Inches
Height of fluid column: 3.19 Feet
Volume in well: 0.54 Gallons

(3 well volumes = 1.63 gallons)

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

GROUNDWATER SAMPLING DATA

Time/date purged: 0840 1-17-17
Purge Method: Hand Bail

Time	Purge Volume (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
0842	0.25	18.1	1004	6.55	—	1.48
0846	0.75	18.6	953.5	6.85		
0849	1.50	19.1	949.6	6.96		

Actual purge volume: 1.75 gal.
Field measurements stabilized within ± 10%? Y
Time/date sampled: 0852 1-17-17
Purged/sampled by: CS
Sample method: Disposable Bailer
Requested analyses: 8260 B
Comments/observations:

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

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MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID: NMW-1
Site: ATEX 213
Depth to PSH: – Feet
Depth to water: 9.57 Feet
Total depth: 15.21 Feet
NAPL thickness: – Feet

Date gauged: 1-17-17
Time gauged: 1446
Well diameter: 2 Inches
Height of fluid column: 5.64 Feet
Volume in well: 0.96 Gallons

(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: 1448 1-17-17
Purge Method: Hand Bail

Time	Purge Volume (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
1449	0.25	19.6	965.4	7.01	–	1.42
1454	1.50	19.9	949.6	7.02		
1456	2.75	20.1	948.2	7.03		

Actual purge volume: 3.00 gal.
Field measurements stabilized within ± 10%? Y

Time/date sampled: 1500 1-17-17
Purged/sampled by: CS

Sample method: Disposable Bailer
Requested analyses: 8260 B

Comments/observations:

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

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MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID: NMW-4R
Site: ATEX 217
Depth to PSH: - Feet
Depth to water: 9.88 Feet
Total depth: 19.97 Feet
NAPL thickness: - Feet

Date gauged: 1-17-17
Time gauged: 1020
Well diameter: 2 Inches
Height of fluid column: 10.09 Feet
Volume in well: 1.72 Gallons

(3 well volumes = 5.15 gallons)

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

GROUNDWATER SAMPLING DATA

Time/date purged: 1023 1-17-17
Purge Method: Hand Bail

Time	Purge Volume (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
1024	0.25	18.3	606.2	7.40		1.75
1029	2.50	19.0	574.2	7.42		
1032	5.00	19.3	566.8	7.42		

Actual purge volume: 5.25 gal.
Field measurements stabilized within ± 10%? Y

Time/date sampled: 1035 1-17-17
Purged/sampled by: CS.

Sample method: Disposable Bailer
Requested analyses: 8260 B

Comments/observations:

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

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MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID: ANMW-2
Site: ATEX 213
Depth to PSH: – Feet
Depth to water: 10.44 Feet
Total depth: 15.50 Feet
NAPL thickness: – Feet

Date gauged: 1-17-17
Time gauged: 1422
Well diameter: 2 Inches
Height of fluid column: 5.06 Feet
Volume in well: 0.86 Gallons

(3 well volumes = 2.58 gallons)

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

GROUNDWATER SAMPLING DATA

Time/date purged: 1-17-17 Purge Method: Hand Bail

Time	Purge Volume (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
1426	0.25	19.2	CS ~~1440~~ 1561	7.10		1.78
1429	1.25	19.9	~~12 01~~ 1201	7.19		
1432	2.50	20.4	932.9	7.26		

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

Time/date sampled: 1435 1-17-17
Purged/sampled by: CS

Sample method: Disposable Bailer
Requested analyses: 8260B
Comments/observations:

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

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MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID: RNMW-3
Site: ATEX 213
Depth to PSH: — Feet
Depth to water: 10.22 Feet
Total depth: 16.04 Feet
NAPL thickness: — Feet

Date gauged: 1-17-17
Time gauged: 1051
Well diameter: 2 Inches
Height of fluid column: 5.82 Feet
Volume in well: 0.99 Gallons

(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: 1052 1-17-17
Purge Method: Hand Bail

Time	Purge Volume (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
1056	0.25	19.1	1740	7.22		2.01
1100	1.50	20.4	1266	7.29		
1102	2.75	20.8	6280	7.25		

Actual purge volume: 3.00 gal.
Field measurements stabilized within ± 10%? N

Time/date sampled: 1105 1-17-17
Purged/sampled by: CS

Sample method: Disposable Bailer
Requested analyses: 8260B
Comments/observations: NAPL Smell

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
Site: ATEX 213
Depth to PSH: - Feet
Depth to water: 8.56 Feet
Total depth: 13.93 Feet
NAPL thickness: - Feet

Date gauged: 1-17-17
Time gauged: 1326
Well diameter: 2 Inches
Height of fluid column: 5.37 Feet
Volume in well: 0.91 Gallons

(3 well volumes = 2.74 gallons)

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

GROUNDWATER SAMPLING DATA

Time/date purged: 1328 1-17-17
Purge Method: Hand Bail

Time	Purge Volume (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
1331	0.25	18.6	797.4	7.34		1.69
1334	1.25	19.3	833.2	7.28		
1337	2.50	19.6	817.8	7.31		

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

Time/date sampled: 1340 1-17-17
Purged/sampled by: CS

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 213
Depth to PSH: - Feet
Depth to water: 8.76 Feet
Total depth: 12.14 Feet
NAPL thickness: - Feet

Date gauged: 1-17-17
Time gauged: 1205
Well diameter: 2 Inches
Height of fluid column: 3.38 Feet
Volume in well: 0.57 Gallons

(3 well volumes = 1.72 gallons)

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

GROUNDWATER SAMPLING DATA

Time/date purged: 1206 1-17-17
Purge Method: Hand Bail

Time	Purge Volume (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
1208	0.25	18.8	861.9	7.18		1.82
1211	0.75	19.3	861.2	7.21		
1214	1.50	19.6	861.9	7.19		

Actual purge volume: 1.75 gal.
Field measurements stabilized within ± 10%? Y

Time/date sampled: 1217 1-17-17
Purged/sampled by: CS

Sample method: Disposable Bailer
Requested analyses: 8260B
Comments/observations: Water in vault

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

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

January 25, 2017

Teri McMillan

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

RE: ATEX 213 OrderNo.: 1701705

Dear Teri McMillan:

Hall Environmental Analysis Laboratory received 14 sample(s) on 1/17/2017 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, Science and Technology
Client Sample ID: BB-2
Project: ATEX 213
Collection Date: 1/17/2017 11:42:00 AM
Lab ID: 1701705-001
Matrix: AQUEOUS
Received Date: 1/17/2017 3:45:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**
Benzene	ND	1.0		µg/L	1	1/18/2017 9:17:15 PM
Toluene	ND	1.0		µg/L	1	1/18/2017 9:17:15 PM
Ethylbenzene	ND	1.0		µg/L	1	1/18/2017 9:17:15 PM
Methyl tert-butyl ether (MTBE)	41	1.0		µg/L	1	1/18/2017 9:17:15 PM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	1/18/2017 9:17:15 PM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	1/18/2017 9:17:15 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	1/18/2017 9:17:15 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	1/18/2017 9:17:15 PM
Naphthalene	3.9	2.0		µg/L	1	1/18/2017 9:17:15 PM
1-Methylnaphthalene	ND	4.0		µg/L	1	1/18/2017 9:17:15 PM
2-Methylnaphthalene	ND	4.0		µg/L	1	1/18/2017 9:17:15 PM
Acetone	ND	10		µg/L	1	1/18/2017 9:17:15 PM
Bromobenzene	ND	1.0		µg/L	1	1/18/2017 9:17:15 PM
Bromodichloromethane	ND	1.0		µg/L	1	1/18/2017 9:17:15 PM
Bromoform	ND	1.0		µg/L	1	1/18/2017 9:17:15 PM
Bromomethane	ND	3.0		µg/L	1	1/18/2017 9:17:15 PM
2-Butanone	ND	10		µg/L	1	1/18/2017 9:17:15 PM
Carbon disulfide	ND	10		µg/L	1	1/18/2017 9:17:15 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	1/18/2017 9:17:15 PM
Chlorobenzene	ND	1.0		µg/L	1	1/18/2017 9:17:15 PM
Chloroethane	ND	2.0		µg/L	1	1/18/2017 9:17:15 PM
Chloroform	ND	1.0		µg/L	1	1/18/2017 9:17:15 PM
Chloromethane	ND	3.0		µg/L	1	1/18/2017 9:17:15 PM
2-Chlorotoluene	ND	1.0		µg/L	1	1/18/2017 9:17:15 PM
4-Chlorotoluene	ND	1.0		µg/L	1	1/18/2017 9:17:15 PM
cis-1,2-DCE	ND	1.0		µg/L	1	1/18/2017 9:17:15 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	1/18/2017 9:17:15 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	1/18/2017 9:17:15 PM
Dibromochloromethane	ND	1.0		µg/L	1	1/18/2017 9:17:15 PM
Dibromomethane	ND	1.0		µg/L	1	1/18/2017 9:17:15 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	1/18/2017 9:17:15 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	1/18/2017 9:17:15 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	1/18/2017 9:17:15 PM
Dichlorodifluoromethane	ND	1.0		µg/L	1	1/18/2017 9:17:15 PM
1,1-Dichloroethane	ND	1.0		µg/L	1	1/18/2017 9:17:15 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	1/18/2017 9:17:15 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	1/18/2017 9:17:15 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	1/18/2017 9:17:15 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	1/18/2017 9:17:15 PM

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering, Science and Technology
Client Sample ID: BB-2
Project: ATEX 213
Collection Date: 1/17/2017 11:42:00 AM
Lab ID: 1701705-001
Matrix: AQUEOUS
Received Date: 1/17/2017 3:45:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**
1,1-Dichloropropene	ND	1.0		µg/L	1	1/18/2017 9:17:15 PM
Hexachlorobutadiene	ND	1.0		µg/L	1	1/18/2017 9:17:15 PM
2-Hexanone	ND	10		µg/L	1	1/18/2017 9:17:15 PM
Isopropylbenzene	3.2	1.0		µg/L	1	1/18/2017 9:17:15 PM
4-Isopropyltoluene	ND	1.0		µg/L	1	1/18/2017 9:17:15 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	1/18/2017 9:17:15 PM
Methylene Chloride	ND	3.0		µg/L	1	1/18/2017 9:17:15 PM
n-Butylbenzene	ND	3.0		µg/L	1	1/18/2017 9:17:15 PM
n-Propylbenzene	9.1	1.0		µg/L	1	1/18/2017 9:17:15 PM
sec-Butylbenzene	1.9	1.0		µg/L	1	1/18/2017 9:17:15 PM
Styrene	ND	1.0		µg/L	1	1/18/2017 9:17:15 PM
tert-Butylbenzene	ND	1.0		µg/L	1	1/18/2017 9:17:15 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	1/18/2017 9:17:15 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	1/18/2017 9:17:15 PM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	1/18/2017 9:17:15 PM
trans-1,2-DCE	ND	1.0		µg/L	1	1/18/2017 9:17:15 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	1/18/2017 9:17:15 PM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	1/18/2017 9:17:15 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	1/18/2017 9:17:15 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	1/18/2017 9:17:15 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	1/18/2017 9:17:15 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	1/18/2017 9:17:15 PM
Trichlorofluoromethane	ND	1.0		µg/L	1	1/18/2017 9:17:15 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	1/18/2017 9:17:15 PM
Vinyl chloride	ND	1.0		µg/L	1	1/18/2017 9:17:15 PM
Xylenes, Total	ND	1.5		µg/L	1	1/18/2017 9:17:15 PM
Surr: 1,2-Dichloroethane-d4	87.7	70-130		%Rec	1	1/18/2017 9:17:15 PM
Surr: 4-Bromofluorobenzene	97.7	70-130		%Rec	1	1/18/2017 9:17:15 PM
Surr: Dibromofluoromethane	89.9	70-130		%Rec	1	1/18/2017 9:17:15 PM
Surr: Toluene-d8	102	70-130		%Rec	1	1/18/2017 9:17:15 PM

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering, Science and Technology
Client Sample ID: MW-1R
Project: ATEX 213
Collection Date: 1/17/2017 12:45:00 PM
Lab ID: 1701705-002
Matrix: AQUEOUS
Received Date: 1/17/2017 3:45:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**
Benzene	ND	2.0	D	µg/L	2	1/19/2017 12:10:01 AM
Toluene	ND	2.0	D	µg/L	2	1/19/2017 12:10:01 AM
Ethylbenzene	ND	2.0	D	µg/L	2	1/19/2017 12:10:01 AM
Methyl tert-butyl ether (MTBE)	ND	2.0	D	µg/L	2	1/19/2017 12:10:01 AM
1,2,4-Trimethylbenzene	ND	2.0	D	µg/L	2	1/19/2017 12:10:01 AM
1,3,5-Trimethylbenzene	ND	2.0	D	µg/L	2	1/19/2017 12:10:01 AM
1,2-Dichloroethane (EDC)	ND	2.0	D	µg/L	2	1/19/2017 12:10:01 AM
1,2-Dibromoethane (EDB)	ND	2.0	D	µg/L	2	1/19/2017 12:10:01 AM
Naphthalene	ND	4.0	D	µg/L	2	1/19/2017 12:10:01 AM
1-Methylnaphthalene	ND	8.0	D	µg/L	2	1/19/2017 12:10:01 AM
2-Methylnaphthalene	ND	8.0	D	µg/L	2	1/19/2017 12:10:01 AM
Acetone	ND	20	D	µg/L	2	1/19/2017 12:10:01 AM
Bromobenzene	ND	2.0	D	µg/L	2	1/19/2017 12:10:01 AM
Bromodichloromethane	ND	2.0	D	µg/L	2	1/19/2017 12:10:01 AM
Bromoform	ND	2.0	D	µg/L	2	1/19/2017 12:10:01 AM
Bromomethane	ND	6.0	D	µg/L	2	1/19/2017 12:10:01 AM
2-Butanone	ND	20	D	µg/L	2	1/19/2017 12:10:01 AM
Carbon disulfide	ND	20	D	µg/L	2	1/19/2017 12:10:01 AM
Carbon Tetrachloride	ND	2.0	D	µg/L	2	1/19/2017 12:10:01 AM
Chlorobenzene	ND	2.0	D	µg/L	2	1/19/2017 12:10:01 AM
Chloroethane	ND	4.0	D	µg/L	2	1/19/2017 12:10:01 AM
Chloroform	ND	2.0	D	µg/L	2	1/19/2017 12:10:01 AM
Chloromethane	ND	6.0	D	µg/L	2	1/19/2017 12:10:01 AM
2-Chlorotoluene	ND	2.0	D	µg/L	2	1/19/2017 12:10:01 AM
4-Chlorotoluene	ND	2.0	D	µg/L	2	1/19/2017 12:10:01 AM
cis-1,2-DCE	ND	2.0	D	µg/L	2	1/19/2017 12:10:01 AM
cis-1,3-Dichloropropene	ND	2.0	D	µg/L	2	1/19/2017 12:10:01 AM
1,2-Dibromo-3-chloropropane	ND	4.0	D	µg/L	2	1/19/2017 12:10:01 AM
Dibromochloromethane	ND	2.0	D	µg/L	2	1/19/2017 12:10:01 AM
Dibromomethane	ND	2.0	D	µg/L	2	1/19/2017 12:10:01 AM
1,2-Dichlorobenzene	ND	2.0	D	µg/L	2	1/19/2017 12:10:01 AM
1,3-Dichlorobenzene	ND	2.0	D	µg/L	2	1/19/2017 12:10:01 AM
1,4-Dichlorobenzene	ND	2.0	D	µg/L	2	1/19/2017 12:10:01 AM
Dichlorodifluoromethane	ND	2.0	D	µg/L	2	1/19/2017 12:10:01 AM
1,1-Dichloroethane	ND	2.0	D	µg/L	2	1/19/2017 12:10:01 AM
1,1-Dichloroethene	ND	2.0	D	µg/L	2	1/19/2017 12:10:01 AM
1,2-Dichloropropane	ND	2.0	D	µg/L	2	1/19/2017 12:10:01 AM
1,3-Dichloropropane	ND	2.0	D	µg/L	2	1/19/2017 12:10:01 AM
2,2-Dichloropropane	ND	4.0	D	µg/L	2	1/19/2017 12:10:01 AM

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering, Science and Technology
Client Sample ID: MW-1R
Project: ATEX 213
Collection Date: 1/17/2017 12:45:00 PM
Lab ID: 1701705-002
Matrix: AQUEOUS
Received Date: 1/17/2017 3:45:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**
1,1-Dichloropropene	ND	2.0	D	µg/L	2	1/19/2017 12:10:01 AM
Hexachlorobutadiene	ND	2.0	D	µg/L	2	1/19/2017 12:10:01 AM
2-Hexanone	ND	20	D	µg/L	2	1/19/2017 12:10:01 AM
Isopropylbenzene	ND	2.0	D	µg/L	2	1/19/2017 12:10:01 AM
4-Isopropyltoluene	ND	2.0	D	µg/L	2	1/19/2017 12:10:01 AM
4-Methyl-2-pentanone	ND	20	D	µg/L	2	1/19/2017 12:10:01 AM
Methylene Chloride	ND	6.0	D	µg/L	2	1/19/2017 12:10:01 AM
n-Butylbenzene	ND	6.0	D	µg/L	2	1/19/2017 12:10:01 AM
n-Propylbenzene	ND	2.0	D	µg/L	2	1/19/2017 12:10:01 AM
sec-Butylbenzene	ND	2.0	D	µg/L	2	1/19/2017 12:10:01 AM
Styrene	ND	2.0	D	µg/L	2	1/19/2017 12:10:01 AM
tert-Butylbenzene	ND	2.0	D	µg/L	2	1/19/2017 12:10:01 AM
1,1,1,2-Tetrachloroethane	ND	2.0	D	µg/L	2	1/19/2017 12:10:01 AM
1,1,2,2-Tetrachloroethane	ND	4.0	D	µg/L	2	1/19/2017 12:10:01 AM
Tetrachloroethene (PCE)	ND	2.0	D	µg/L	2	1/19/2017 12:10:01 AM
trans-1,2-DCE	ND	2.0	D	µg/L	2	1/19/2017 12:10:01 AM
trans-1,3-Dichloropropene	ND	2.0	D	µg/L	2	1/19/2017 12:10:01 AM
1,2,3-Trichlorobenzene	ND	2.0	D	µg/L	2	1/19/2017 12:10:01 AM
1,2,4-Trichlorobenzene	ND	2.0	D	µg/L	2	1/19/2017 12:10:01 AM
1,1,1-Trichloroethane	ND	2.0	D	µg/L	2	1/19/2017 12:10:01 AM
1,1,2-Trichloroethane	ND	2.0	D	µg/L	2	1/19/2017 12:10:01 AM
Trichloroethene (TCE)	ND	2.0	D	µg/L	2	1/19/2017 12:10:01 AM
Trichlorofluoromethane	ND	2.0	D	µg/L	2	1/19/2017 12:10:01 AM
1,2,3-Trichloropropane	ND	4.0	D	µg/L	2	1/19/2017 12:10:01 AM
Vinyl chloride	ND	2.0	D	µg/L	2	1/19/2017 12:10:01 AM
Xylenes, Total	ND	3.0	D	µg/L	2	1/19/2017 12:10:01 AM
Surr: 1,2-Dichloroethane-d4	93.8	70-130	D	%Rec	2	1/19/2017 12:10:01 AM
Surr: 4-Bromofluorobenzene	96.5	70-130	D	%Rec	2	1/19/2017 12:10:01 AM
Surr: Dibromofluoromethane	103	70-130	D	%Rec	2	1/19/2017 12:10:01 AM
Surr: Toluene-d8	101	70-130	D	%Rec	2	1/19/2017 12:10:01 AM

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering, Science and Technology
Client Sample ID: MW-2
Project: ATEX 213
Collection Date: 1/17/2017 9:35:00 AM
Lab ID: 1701705-003
Matrix: AQUEOUS
Received Date: 1/17/2017 3:45:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**
Benzene	ND	1.0		µg/L	1	1/19/2017 12:38:49 AM
Toluene	ND	1.0		µg/L	1	1/19/2017 12:38:49 AM
Ethylbenzene	ND	1.0		µg/L	1	1/19/2017 12:38:49 AM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	1/19/2017 12:38:49 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	1/19/2017 12:38:49 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	1/19/2017 12:38:49 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	1/19/2017 12:38:49 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	1/19/2017 12:38:49 AM
Naphthalene	ND	2.0		µg/L	1	1/19/2017 12:38:49 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	1/19/2017 12:38:49 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	1/19/2017 12:38:49 AM
Acetone	ND	10		µg/L	1	1/19/2017 12:38:49 AM
Bromobenzene	ND	1.0		µg/L	1	1/19/2017 12:38:49 AM
Bromodichloromethane	ND	1.0		µg/L	1	1/19/2017 12:38:49 AM
Bromoform	ND	1.0		µg/L	1	1/19/2017 12:38:49 AM
Bromomethane	ND	3.0		µg/L	1	1/19/2017 12:38:49 AM
2-Butanone	ND	10		µg/L	1	1/19/2017 12:38:49 AM
Carbon disulfide	ND	10		µg/L	1	1/19/2017 12:38:49 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	1/19/2017 12:38:49 AM
Chlorobenzene	ND	1.0		µg/L	1	1/19/2017 12:38:49 AM
Chloroethane	ND	2.0		µg/L	1	1/19/2017 12:38:49 AM
Chloroform	ND	1.0		µg/L	1	1/19/2017 12:38:49 AM
Chloromethane	ND	3.0		µg/L	1	1/19/2017 12:38:49 AM
2-Chlorotoluene	ND	1.0		µg/L	1	1/19/2017 12:38:49 AM
4-Chlorotoluene	ND	1.0		µg/L	1	1/19/2017 12:38:49 AM
cis-1,2-DCE	ND	1.0		µg/L	1	1/19/2017 12:38:49 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	1/19/2017 12:38:49 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	1/19/2017 12:38:49 AM
Dibromochloromethane	ND	1.0		µg/L	1	1/19/2017 12:38:49 AM
Dibromomethane	ND	1.0		µg/L	1	1/19/2017 12:38:49 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	1/19/2017 12:38:49 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	1/19/2017 12:38:49 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	1/19/2017 12:38:49 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	1/19/2017 12:38:49 AM
1,1-Dichloroethane	ND	1.0		µg/L	1	1/19/2017 12:38:49 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	1/19/2017 12:38:49 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	1/19/2017 12:38:49 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	1/19/2017 12:38:49 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	1/19/2017 12:38:49 AM

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering, Science and Technology
Client Sample ID: MW-2
Project: ATEX 213
Collection Date: 1/17/2017 9:35:00 AM
Lab ID: 1701705-003
Matrix: AQUEOUS
Received Date: 1/17/2017 3:45:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**
1,1-Dichloropropene	ND	1.0		µg/L	1	1/19/2017 12:38:49 AM
Hexachlorobutadiene	ND	1.0		µg/L	1	1/19/2017 12:38:49 AM
2-Hexanone	ND	10		µg/L	1	1/19/2017 12:38:49 AM
Isopropylbenzene	ND	1.0		µg/L	1	1/19/2017 12:38:49 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	1/19/2017 12:38:49 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	1/19/2017 12:38:49 AM
Methylene Chloride	ND	3.0		µg/L	1	1/19/2017 12:38:49 AM
n-Butylbenzene	ND	3.0		µg/L	1	1/19/2017 12:38:49 AM
n-Propylbenzene	ND	1.0		µg/L	1	1/19/2017 12:38:49 AM
sec-Butylbenzene	ND	1.0		µg/L	1	1/19/2017 12:38:49 AM
Styrene	ND	1.0		µg/L	1	1/19/2017 12:38:49 AM
tert-Butylbenzene	ND	1.0		µg/L	1	1/19/2017 12:38:49 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	1/19/2017 12:38:49 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	1/19/2017 12:38:49 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	1/19/2017 12:38:49 AM
trans-1,2-DCE	ND	1.0		µg/L	1	1/19/2017 12:38:49 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	1/19/2017 12:38:49 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	1/19/2017 12:38:49 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	1/19/2017 12:38:49 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	1/19/2017 12:38:49 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	1/19/2017 12:38:49 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	1/19/2017 12:38:49 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	1/19/2017 12:38:49 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	1/19/2017 12:38:49 AM
Vinyl chloride	ND	1.0		µg/L	1	1/19/2017 12:38:49 AM
Xylenes, Total	ND	1.5		µg/L	1	1/19/2017 12:38:49 AM
Surr: 1,2-Dichloroethane-d4	95.0	70-130		%Rec	1	1/19/2017 12:38:49 AM
Surr: 4-Bromofluorobenzene	93.8	70-130		%Rec	1	1/19/2017 12:38:49 AM
Surr: Dibromofluoromethane	97.9	70-130		%Rec	1	1/19/2017 12:38:49 AM
Surr: Toluene-d8	102	70-130		%Rec	1	1/19/2017 12:38:49 AM

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering, Science and Technology
Client Sample ID: MW-3
Project: ATEX 213
Collection Date: 1/17/2017 2:10:00 PM
Lab ID: 1701705-004
Matrix: AQUEOUS
Received Date: 1/17/2017 3:45:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**
Benzene	1.7	1.0		µg/L	1	1/19/2017 1:36:28 AM
Toluene	1.6	1.0		µg/L	1	1/19/2017 1:36:28 AM
Ethylbenzene	16	1.0		µg/L	1	1/19/2017 1:36:28 AM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	1/19/2017 1:36:28 AM
1,2,4-Trimethylbenzene	2.4	1.0		µg/L	1	1/19/2017 1:36:28 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	1/19/2017 1:36:28 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	1/19/2017 1:36:28 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	1/19/2017 1:36:28 AM
Naphthalene	110	20		µg/L	10	1/19/2017 1:07:39 AM
1-Methylnaphthalene	27	4.0		µg/L	1	1/19/2017 1:36:28 AM
2-Methylnaphthalene	29	4.0		µg/L	1	1/19/2017 1:36:28 AM
Acetone	ND	10		µg/L	1	1/19/2017 1:36:28 AM
Bromobenzene	ND	1.0		µg/L	1	1/19/2017 1:36:28 AM
Bromodichloromethane	ND	1.0		µg/L	1	1/19/2017 1:36:28 AM
Bromoform	ND	1.0		µg/L	1	1/19/2017 1:36:28 AM
Bromomethane	ND	3.0		µg/L	1	1/19/2017 1:36:28 AM
2-Butanone	ND	10		µg/L	1	1/19/2017 1:36:28 AM
Carbon disulfide	ND	10		µg/L	1	1/19/2017 1:36:28 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	1/19/2017 1:36:28 AM
Chlorobenzene	ND	1.0		µg/L	1	1/19/2017 1:36:28 AM
Chloroethane	ND	2.0		µg/L	1	1/19/2017 1:36:28 AM
Chloroform	ND	1.0		µg/L	1	1/19/2017 1:36:28 AM
Chloromethane	ND	3.0		µg/L	1	1/19/2017 1:36:28 AM
2-Chlorotoluene	ND	1.0		µg/L	1	1/19/2017 1:36:28 AM
4-Chlorotoluene	ND	1.0		µg/L	1	1/19/2017 1:36:28 AM
cis-1,2-DCE	ND	1.0		µg/L	1	1/19/2017 1:36:28 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	1/19/2017 1:36:28 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	1/19/2017 1:36:28 AM
Dibromochloromethane	ND	1.0		µg/L	1	1/19/2017 1:36:28 AM
Dibromomethane	ND	1.0		µg/L	1	1/19/2017 1:36:28 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	1/19/2017 1:36:28 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	1/19/2017 1:36:28 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	1/19/2017 1:36:28 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	1/19/2017 1:36:28 AM
1,1-Dichloroethane	ND	1.0		µg/L	1	1/19/2017 1:36:28 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	1/19/2017 1:36:28 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	1/19/2017 1:36:28 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	1/19/2017 1:36:28 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	1/19/2017 1:36:28 AM

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering, Science and Technology
Client Sample ID: MW-3
Project: ATEX 213
Collection Date: 1/17/2017 2:10:00 PM
Lab ID: 1701705-004 **Matrix:** AQUEOUS **Received Date:** 1/17/2017 3:45:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**
1,1-Dichloropropene	ND	1.0		µg/L	1	1/19/2017 1:36:28 AM
Hexachlorobutadiene	ND	1.0		µg/L	1	1/19/2017 1:36:28 AM
2-Hexanone	ND	10		µg/L	1	1/19/2017 1:36:28 AM
Isopropylbenzene	23	1.0		µg/L	1	1/19/2017 1:36:28 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	1/19/2017 1:36:28 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	1/19/2017 1:36:28 AM
Methylene Chloride	ND	3.0		µg/L	1	1/19/2017 1:36:28 AM
n-Butylbenzene	19	3.0		µg/L	1	1/19/2017 1:36:28 AM
n-Propylbenzene	74	1.0		µg/L	1	1/19/2017 1:36:28 AM
sec-Butylbenzene	8.5	1.0		µg/L	1	1/19/2017 1:36:28 AM
Styrene	ND	1.0		µg/L	1	1/19/2017 1:36:28 AM
tert-Butylbenzene	ND	1.0		µg/L	1	1/19/2017 1:36:28 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	1/19/2017 1:36:28 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	1/19/2017 1:36:28 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	1/19/2017 1:36:28 AM
trans-1,2-DCE	ND	1.0		µg/L	1	1/19/2017 1:36:28 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	1/19/2017 1:36:28 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	1/19/2017 1:36:28 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	1/19/2017 1:36:28 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	1/19/2017 1:36:28 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	1/19/2017 1:36:28 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	1/19/2017 1:36:28 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	1/19/2017 1:36:28 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	1/19/2017 1:36:28 AM
Vinyl chloride	ND	1.0		µg/L	1	1/19/2017 1:36:28 AM
Xylenes, Total	7.2	1.5		µg/L	1	1/19/2017 1:36:28 AM
Surr: 1,2-Dichloroethane-d4	75.2	70-130		%Rec	1	1/19/2017 1:36:28 AM
Surr: 4-Bromofluorobenzene	98.0	70-130		%Rec	1	1/19/2017 1:36:28 AM
Surr: Dibromofluoromethane	77.2	70-130		%Rec	1	1/19/2017 1:36:28 AM
Surr: Toluene-d8	107	70-130		%Rec	1	1/19/2017 1:36:28 AM

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering, Science and Technology
Client Sample ID: MW-4R
Project: ATEX 213
Collection Date: 1/17/2017 10:06:00 AM
Lab ID: 1701705-005
Matrix: AQUEOUS
Received Date: 1/17/2017 3:45:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**
Benzene	ND	1.0		µg/L	1	1/19/2017 2:05:14 AM
Toluene	ND	1.0		µg/L	1	1/19/2017 2:05:14 AM
Ethylbenzene	ND	1.0		µg/L	1	1/19/2017 2:05:14 AM
Methyl tert-butyl ether (MTBE)	7.0	1.0		µg/L	1	1/19/2017 2:05:14 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	1/19/2017 2:05:14 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	1/19/2017 2:05:14 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	1/19/2017 2:05:14 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	1/19/2017 2:05:14 AM
Naphthalene	ND	2.0		µg/L	1	1/19/2017 2:05:14 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	1/19/2017 2:05:14 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	1/19/2017 2:05:14 AM
Acetone	ND	10		µg/L	1	1/19/2017 2:05:14 AM
Bromobenzene	ND	1.0		µg/L	1	1/19/2017 2:05:14 AM
Bromodichloromethane	ND	1.0		µg/L	1	1/19/2017 2:05:14 AM
Bromoform	ND	1.0		µg/L	1	1/19/2017 2:05:14 AM
Bromomethane	ND	3.0		µg/L	1	1/19/2017 2:05:14 AM
2-Butanone	ND	10		µg/L	1	1/19/2017 2:05:14 AM
Carbon disulfide	ND	10		µg/L	1	1/19/2017 2:05:14 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	1/19/2017 2:05:14 AM
Chlorobenzene	ND	1.0		µg/L	1	1/19/2017 2:05:14 AM
Chloroethane	ND	2.0		µg/L	1	1/19/2017 2:05:14 AM
Chloroform	ND	1.0		µg/L	1	1/19/2017 2:05:14 AM
Chloromethane	ND	3.0		µg/L	1	1/19/2017 2:05:14 AM
2-Chlorotoluene	ND	1.0		µg/L	1	1/19/2017 2:05:14 AM
4-Chlorotoluene	ND	1.0		µg/L	1	1/19/2017 2:05:14 AM
cis-1,2-DCE	ND	1.0		µg/L	1	1/19/2017 2:05:14 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	1/19/2017 2:05:14 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	1/19/2017 2:05:14 AM
Dibromochloromethane	ND	1.0		µg/L	1	1/19/2017 2:05:14 AM
Dibromomethane	ND	1.0		µg/L	1	1/19/2017 2:05:14 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	1/19/2017 2:05:14 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	1/19/2017 2:05:14 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	1/19/2017 2:05:14 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	1/19/2017 2:05:14 AM
1,1-Dichloroethane	ND	1.0		µg/L	1	1/19/2017 2:05:14 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	1/19/2017 2:05:14 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	1/19/2017 2:05:14 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	1/19/2017 2:05:14 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	1/19/2017 2:05:14 AM

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering, Science and Technology
Client Sample ID: MW-4R
Project: ATEX 213
Collection Date: 1/17/2017 10:06:00 AM
Lab ID: 1701705-005
Matrix: AQUEOUS
Received Date: 1/17/2017 3:45:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**
1,1-Dichloropropene	ND	1.0		µg/L	1	1/19/2017 2:05:14 AM
Hexachlorobutadiene	ND	1.0		µg/L	1	1/19/2017 2:05:14 AM
2-Hexanone	ND	10		µg/L	1	1/19/2017 2:05:14 AM
Isopropylbenzene	ND	1.0		µg/L	1	1/19/2017 2:05:14 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	1/19/2017 2:05:14 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	1/19/2017 2:05:14 AM
Methylene Chloride	ND	3.0		µg/L	1	1/19/2017 2:05:14 AM
n-Butylbenzene	ND	3.0		µg/L	1	1/19/2017 2:05:14 AM
n-Propylbenzene	ND	1.0		µg/L	1	1/19/2017 2:05:14 AM
sec-Butylbenzene	ND	1.0		µg/L	1	1/19/2017 2:05:14 AM
Styrene	ND	1.0		µg/L	1	1/19/2017 2:05:14 AM
tert-Butylbenzene	ND	1.0		µg/L	1	1/19/2017 2:05:14 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	1/19/2017 2:05:14 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	1/19/2017 2:05:14 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	1/19/2017 2:05:14 AM
trans-1,2-DCE	ND	1.0		µg/L	1	1/19/2017 2:05:14 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	1/19/2017 2:05:14 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	1/19/2017 2:05:14 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	1/19/2017 2:05:14 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	1/19/2017 2:05:14 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	1/19/2017 2:05:14 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	1/19/2017 2:05:14 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	1/19/2017 2:05:14 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	1/19/2017 2:05:14 AM
Vinyl chloride	ND	1.0		µg/L	1	1/19/2017 2:05:14 AM
Xylenes, Total	ND	1.5		µg/L	1	1/19/2017 2:05:14 AM
Surr: 1,2-Dichloroethane-d4	91.3	70-130		%Rec	1	1/19/2017 2:05:14 AM
Surr: 4-Bromofluorobenzene	96.6	70-130		%Rec	1	1/19/2017 2:05:14 AM
Surr: Dibromofluoromethane	97.1	70-130		%Rec	1	1/19/2017 2:05:14 AM
Surr: Toluene-d8	102	70-130		%Rec	1	1/19/2017 2:05:14 AM

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering, Science and Technology
Client Sample ID: MW-6RR
Project: ATEX 213
Collection Date: 1/17/2017 1:12:00 PM
Lab ID: 1701705-006
Matrix: AQUEOUS
Received Date: 1/17/2017 3:45:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**
Benzene	ND	1.0		µg/L	1	1/19/2017 2:33:56 AM
Toluene	ND	1.0		µg/L	1	1/19/2017 2:33:56 AM
Ethylbenzene	ND	1.0		µg/L	1	1/19/2017 2:33:56 AM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	1/19/2017 2:33:56 AM
1,2,4-Trimethylbenzene	1.1	1.0		µg/L	1	1/19/2017 2:33:56 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	1/19/2017 2:33:56 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	1/19/2017 2:33:56 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	1/19/2017 2:33:56 AM
Naphthalene	4.3	2.0		µg/L	1	1/19/2017 2:33:56 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	1/19/2017 2:33:56 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	1/19/2017 2:33:56 AM
Acetone	ND	10		µg/L	1	1/19/2017 2:33:56 AM
Bromobenzene	ND	1.0		µg/L	1	1/19/2017 2:33:56 AM
Bromodichloromethane	ND	1.0		µg/L	1	1/19/2017 2:33:56 AM
Bromoform	ND	1.0		µg/L	1	1/19/2017 2:33:56 AM
Bromomethane	ND	3.0		µg/L	1	1/19/2017 2:33:56 AM
2-Butanone	ND	10		µg/L	1	1/19/2017 2:33:56 AM
Carbon disulfide	ND	10		µg/L	1	1/19/2017 2:33:56 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	1/19/2017 2:33:56 AM
Chlorobenzene	ND	1.0		µg/L	1	1/19/2017 2:33:56 AM
Chloroethane	ND	2.0		µg/L	1	1/19/2017 2:33:56 AM
Chloroform	ND	1.0		µg/L	1	1/19/2017 2:33:56 AM
Chloromethane	ND	3.0		µg/L	1	1/19/2017 2:33:56 AM
2-Chlorotoluene	ND	1.0		µg/L	1	1/19/2017 2:33:56 AM
4-Chlorotoluene	ND	1.0		µg/L	1	1/19/2017 2:33:56 AM
cis-1,2-DCE	ND	1.0		µg/L	1	1/19/2017 2:33:56 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	1/19/2017 2:33:56 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	1/19/2017 2:33:56 AM
Dibromochloromethane	ND	1.0		µg/L	1	1/19/2017 2:33:56 AM
Dibromomethane	ND	1.0		µg/L	1	1/19/2017 2:33:56 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	1/19/2017 2:33:56 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	1/19/2017 2:33:56 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	1/19/2017 2:33:56 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	1/19/2017 2:33:56 AM
1,1-Dichloroethane	ND	1.0		µg/L	1	1/19/2017 2:33:56 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	1/19/2017 2:33:56 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	1/19/2017 2:33:56 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	1/19/2017 2:33:56 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	1/19/2017 2:33:56 AM

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering, Science and Technology
Client Sample ID: MW-6RR
Project: ATEX 213
Collection Date: 1/17/2017 1:12:00 PM
Lab ID: 1701705-006
Matrix: AQUEOUS
Received Date: 1/17/2017 3:45:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**
1,1-Dichloropropene	ND	1.0		µg/L	1	1/19/2017 2:33:56 AM
Hexachlorobutadiene	ND	1.0		µg/L	1	1/19/2017 2:33:56 AM
2-Hexanone	ND	10		µg/L	1	1/19/2017 2:33:56 AM
Isopropylbenzene	3.4	1.0		µg/L	1	1/19/2017 2:33:56 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	1/19/2017 2:33:56 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	1/19/2017 2:33:56 AM
Methylene Chloride	ND	3.0		µg/L	1	1/19/2017 2:33:56 AM
n-Butylbenzene	ND	3.0		µg/L	1	1/19/2017 2:33:56 AM
n-Propylbenzene	7.0	1.0		µg/L	1	1/19/2017 2:33:56 AM
sec-Butylbenzene	ND	1.0		µg/L	1	1/19/2017 2:33:56 AM
Styrene	ND	1.0		µg/L	1	1/19/2017 2:33:56 AM
tert-Butylbenzene	ND	1.0		µg/L	1	1/19/2017 2:33:56 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	1/19/2017 2:33:56 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	1/19/2017 2:33:56 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	1/19/2017 2:33:56 AM
trans-1,2-DCE	ND	1.0		µg/L	1	1/19/2017 2:33:56 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	1/19/2017 2:33:56 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	1/19/2017 2:33:56 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	1/19/2017 2:33:56 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	1/19/2017 2:33:56 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	1/19/2017 2:33:56 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	1/19/2017 2:33:56 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	1/19/2017 2:33:56 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	1/19/2017 2:33:56 AM
Vinyl chloride	ND	1.0		µg/L	1	1/19/2017 2:33:56 AM
Xylenes, Total	ND	1.5		µg/L	1	1/19/2017 2:33:56 AM
Surr: 1,2-Dichloroethane-d4	91.1	70-130		%Rec	1	1/19/2017 2:33:56 AM
Surr: 4-Bromofluorobenzene	98.9	70-130		%Rec	1	1/19/2017 2:33:56 AM
Surr: Dibromofluoromethane	97.7	70-130		%Rec	1	1/19/2017 2:33:56 AM
Surr: Toluene-d8	105	70-130		%Rec	1	1/19/2017 2:33:56 AM

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering, Science and Technology
Client Sample ID: MW-38
Project: ATEX 213
Collection Date: 1/17/2017 8:52:00 AM
Lab ID: 1701705-007
Matrix: AQUEOUS
Received Date: 1/17/2017 3:45:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**
Benzene	ND	1.0		µg/L	1	1/19/2017 3:02:45 AM
Toluene	ND	1.0		µg/L	1	1/19/2017 3:02:45 AM
Ethylbenzene	ND	1.0		µg/L	1	1/19/2017 3:02:45 AM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	1/19/2017 3:02:45 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	1/19/2017 3:02:45 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	1/19/2017 3:02:45 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	1/19/2017 3:02:45 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	1/19/2017 3:02:45 AM
Naphthalene	ND	2.0		µg/L	1	1/19/2017 3:02:45 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	1/19/2017 3:02:45 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	1/19/2017 3:02:45 AM
Acetone	ND	10		µg/L	1	1/19/2017 3:02:45 AM
Bromobenzene	ND	1.0		µg/L	1	1/19/2017 3:02:45 AM
Bromodichloromethane	ND	1.0		µg/L	1	1/19/2017 3:02:45 AM
Bromoform	ND	1.0		µg/L	1	1/19/2017 3:02:45 AM
Bromomethane	ND	3.0		µg/L	1	1/19/2017 3:02:45 AM
2-Butanone	ND	10		µg/L	1	1/19/2017 3:02:45 AM
Carbon disulfide	ND	10		µg/L	1	1/19/2017 3:02:45 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	1/19/2017 3:02:45 AM
Chlorobenzene	ND	1.0		µg/L	1	1/19/2017 3:02:45 AM
Chloroethane	ND	2.0		µg/L	1	1/19/2017 3:02:45 AM
Chloroform	ND	1.0		µg/L	1	1/19/2017 3:02:45 AM
Chloromethane	ND	3.0		µg/L	1	1/19/2017 3:02:45 AM
2-Chlorotoluene	ND	1.0		µg/L	1	1/19/2017 3:02:45 AM
4-Chlorotoluene	ND	1.0		µg/L	1	1/19/2017 3:02:45 AM
cis-1,2-DCE	ND	1.0		µg/L	1	1/19/2017 3:02:45 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	1/19/2017 3:02:45 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	1/19/2017 3:02:45 AM
Dibromochloromethane	ND	1.0		µg/L	1	1/19/2017 3:02:45 AM
Dibromomethane	ND	1.0		µg/L	1	1/19/2017 3:02:45 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	1/19/2017 3:02:45 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	1/19/2017 3:02:45 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	1/19/2017 3:02:45 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	1/19/2017 3:02:45 AM
1,1-Dichloroethane	ND	1.0		µg/L	1	1/19/2017 3:02:45 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	1/19/2017 3:02:45 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	1/19/2017 3:02:45 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	1/19/2017 3:02:45 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	1/19/2017 3:02:45 AM

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering, Science and Technology
Client Sample ID: MW-38
Project: ATEX 213
Collection Date: 1/17/2017 8:52:00 AM
Lab ID: 1701705-007
Matrix: AQUEOUS
Received Date: 1/17/2017 3:45:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**
1,1-Dichloropropene	ND	1.0		µg/L	1	1/19/2017 3:02:45 AM
Hexachlorobutadiene	ND	1.0		µg/L	1	1/19/2017 3:02:45 AM
2-Hexanone	ND	10		µg/L	1	1/19/2017 3:02:45 AM
Isopropylbenzene	ND	1.0		µg/L	1	1/19/2017 3:02:45 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	1/19/2017 3:02:45 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	1/19/2017 3:02:45 AM
Methylene Chloride	ND	3.0		µg/L	1	1/19/2017 3:02:45 AM
n-Butylbenzene	ND	3.0		µg/L	1	1/19/2017 3:02:45 AM
n-Propylbenzene	ND	1.0		µg/L	1	1/19/2017 3:02:45 AM
sec-Butylbenzene	ND	1.0		µg/L	1	1/19/2017 3:02:45 AM
Styrene	ND	1.0		µg/L	1	1/19/2017 3:02:45 AM
tert-Butylbenzene	ND	1.0		µg/L	1	1/19/2017 3:02:45 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	1/19/2017 3:02:45 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	1/19/2017 3:02:45 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	1/19/2017 3:02:45 AM
trans-1,2-DCE	ND	1.0		µg/L	1	1/19/2017 3:02:45 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	1/19/2017 3:02:45 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	1/19/2017 3:02:45 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	1/19/2017 3:02:45 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	1/19/2017 3:02:45 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	1/19/2017 3:02:45 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	1/19/2017 3:02:45 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	1/19/2017 3:02:45 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	1/19/2017 3:02:45 AM
Vinyl chloride	ND	1.0		µg/L	1	1/19/2017 3:02:45 AM
Xylenes, Total	ND	1.5		µg/L	1	1/19/2017 3:02:45 AM
Surr: 1,2-Dichloroethane-d4	93.1	70-130		%Rec	1	1/19/2017 3:02:45 AM
Surr: 4-Bromofluorobenzene	96.1	70-130		%Rec	1	1/19/2017 3:02:45 AM
Surr: Dibromofluoromethane	98.3	70-130		%Rec	1	1/19/2017 3:02:45 AM
Surr: Toluene-d8	105	70-130		%Rec	1	1/19/2017 3:02:45 AM

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering, Science and Technology
Client Sample ID: NMW-1
Project: ATEX 213
Collection Date: 1/17/2017 3:00:00 PM
Lab ID: 1701705-008
Matrix: AQUEOUS
Received Date: 1/17/2017 3:45:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**
Benzene	220	5.0		µg/L	5	1/19/2017 4:00:16 AM
Toluene	ND	5.0		µg/L	5	1/19/2017 4:00:16 AM
Ethylbenzene	47	5.0		µg/L	5	1/19/2017 4:00:16 AM
Methyl tert-butyl ether (MTBE)	16	5.0		µg/L	5	1/19/2017 4:00:16 AM
1,2,4-Trimethylbenzene	16	5.0		µg/L	5	1/19/2017 4:00:16 AM
1,3,5-Trimethylbenzene	5.3	5.0		µg/L	5	1/19/2017 4:00:16 AM
1,2-Dichloroethane (EDC)	ND	5.0		µg/L	5	1/19/2017 4:00:16 AM
1,2-Dibromoethane (EDB)	ND	5.0		µg/L	5	1/19/2017 4:00:16 AM
Naphthalene	34	10		µg/L	5	1/19/2017 4:00:16 AM
1-Methylnaphthalene	25	20		µg/L	5	1/19/2017 4:00:16 AM
2-Methylnaphthalene	ND	20		µg/L	5	1/19/2017 4:00:16 AM
Acetone	ND	50		µg/L	5	1/19/2017 4:00:16 AM
Bromobenzene	ND	5.0		µg/L	5	1/19/2017 4:00:16 AM
Bromodichloromethane	ND	5.0		µg/L	5	1/19/2017 4:00:16 AM
Bromoform	ND	5.0		µg/L	5	1/19/2017 4:00:16 AM
Bromomethane	ND	15		µg/L	5	1/19/2017 4:00:16 AM
2-Butanone	ND	50		µg/L	5	1/19/2017 4:00:16 AM
Carbon disulfide	ND	50		µg/L	5	1/19/2017 4:00:16 AM
Carbon Tetrachloride	ND	5.0		µg/L	5	1/19/2017 4:00:16 AM
Chlorobenzene	ND	5.0		µg/L	5	1/19/2017 4:00:16 AM
Chloroethane	ND	10		µg/L	5	1/19/2017 4:00:16 AM
Chloroform	ND	5.0		µg/L	5	1/19/2017 4:00:16 AM
Chloromethane	ND	15		µg/L	5	1/19/2017 4:00:16 AM
2-Chlorotoluene	ND	5.0		µg/L	5	1/19/2017 4:00:16 AM
4-Chlorotoluene	ND	5.0		µg/L	5	1/19/2017 4:00:16 AM
cis-1,2-DCE	ND	5.0		µg/L	5	1/19/2017 4:00:16 AM
cis-1,3-Dichloropropene	ND	5.0		µg/L	5	1/19/2017 4:00:16 AM
1,2-Dibromo-3-chloropropane	ND	10		µg/L	5	1/19/2017 4:00:16 AM
Dibromochloromethane	ND	5.0		µg/L	5	1/19/2017 4:00:16 AM
Dibromomethane	ND	5.0		µg/L	5	1/19/2017 4:00:16 AM
1,2-Dichlorobenzene	ND	5.0		µg/L	5	1/19/2017 4:00:16 AM
1,3-Dichlorobenzene	ND	5.0		µg/L	5	1/19/2017 4:00:16 AM
1,4-Dichlorobenzene	ND	5.0		µg/L	5	1/19/2017 4:00:16 AM
Dichlorodifluoromethane	ND	5.0		µg/L	5	1/19/2017 4:00:16 AM
1,1-Dichloroethane	ND	5.0		µg/L	5	1/19/2017 4:00:16 AM
1,1-Dichloroethene	ND	5.0		µg/L	5	1/19/2017 4:00:16 AM
1,2-Dichloropropane	ND	5.0		µg/L	5	1/19/2017 4:00:16 AM
1,3-Dichloropropane	ND	5.0		µg/L	5	1/19/2017 4:00:16 AM
2,2-Dichloropropane	ND	10		µg/L	5	1/19/2017 4:00:16 AM

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering, Science and Technology
Client Sample ID: NMW-1
Project: ATEX 213
Collection Date: 1/17/2017 3:00:00 PM
Lab ID: 1701705-008
Matrix: AQUEOUS
Received Date: 1/17/2017 3:45:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**
1,1-Dichloropropene	ND	5.0		µg/L	5	1/19/2017 4:00:16 AM
Hexachlorobutadiene	ND	5.0		µg/L	5	1/19/2017 4:00:16 AM
2-Hexanone	ND	50		µg/L	5	1/19/2017 4:00:16 AM
Isopropylbenzene	17	5.0		µg/L	5	1/19/2017 4:00:16 AM
4-Isopropyltoluene	ND	5.0		µg/L	5	1/19/2017 4:00:16 AM
4-Methyl-2-pentanone	ND	50		µg/L	5	1/19/2017 4:00:16 AM
Methylene Chloride	ND	15		µg/L	5	1/19/2017 4:00:16 AM
n-Butylbenzene	ND	15		µg/L	5	1/19/2017 4:00:16 AM
n-Propylbenzene	41	5.0		µg/L	5	1/19/2017 4:00:16 AM
sec-Butylbenzene	5.3	5.0		µg/L	5	1/19/2017 4:00:16 AM
Styrene	ND	5.0		µg/L	5	1/19/2017 4:00:16 AM
tert-Butylbenzene	ND	5.0		µg/L	5	1/19/2017 4:00:16 AM
1,1,1,2-Tetrachloroethane	ND	5.0		µg/L	5	1/19/2017 4:00:16 AM
1,1,2,2-Tetrachloroethane	ND	10		µg/L	5	1/19/2017 4:00:16 AM
Tetrachloroethene (PCE)	ND	5.0		µg/L	5	1/19/2017 4:00:16 AM
trans-1,2-DCE	ND	5.0		µg/L	5	1/19/2017 4:00:16 AM
trans-1,3-Dichloropropene	ND	5.0		µg/L	5	1/19/2017 4:00:16 AM
1,2,3-Trichlorobenzene	ND	5.0		µg/L	5	1/19/2017 4:00:16 AM
1,2,4-Trichlorobenzene	ND	5.0		µg/L	5	1/19/2017 4:00:16 AM
1,1,1-Trichloroethane	ND	5.0		µg/L	5	1/19/2017 4:00:16 AM
1,1,2-Trichloroethane	ND	5.0		µg/L	5	1/19/2017 4:00:16 AM
Trichloroethene (TCE)	ND	5.0		µg/L	5	1/19/2017 4:00:16 AM
Trichlorofluoromethane	ND	5.0		µg/L	5	1/19/2017 4:00:16 AM
1,2,3-Trichloropropane	ND	10		µg/L	5	1/19/2017 4:00:16 AM
Vinyl chloride	ND	5.0		µg/L	5	1/19/2017 4:00:16 AM
Xylenes, Total	32	7.5		µg/L	5	1/19/2017 4:00:16 AM
Surr: 1,2-Dichloroethane-d4	85.5	70-130		%Rec	5	1/19/2017 4:00:16 AM
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	5	1/19/2017 4:00:16 AM
Surr: Dibromofluoromethane	88.6	70-130		%Rec	5	1/19/2017 4:00:16 AM
Surr: Toluene-d8	105	70-130		%Rec	5	1/19/2017 4:00:16 AM

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering, Science and Technology
Client Sample ID: NMW-4R
Project: ATEX 213
Collection Date: 1/17/2017 10:35:00 AM
Lab ID: 1701705-009
Matrix: AQUEOUS
Received Date: 1/17/2017 3:45:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**
Benzene	ND	1.0		µg/L	1	1/19/2017 4:28:46 AM
Toluene	ND	1.0		µg/L	1	1/19/2017 4:28:46 AM
Ethylbenzene	ND	1.0		µg/L	1	1/19/2017 4:28:46 AM
Methyl tert-butyl ether (MTBE)	2.0	1.0		µg/L	1	1/19/2017 4:28:46 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	1/19/2017 4:28:46 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	1/19/2017 4:28:46 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	1/19/2017 4:28:46 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	1/19/2017 4:28:46 AM
Naphthalene	ND	2.0		µg/L	1	1/19/2017 4:28:46 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	1/19/2017 4:28:46 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	1/19/2017 4:28:46 AM
Acetone	ND	10		µg/L	1	1/19/2017 4:28:46 AM
Bromobenzene	ND	1.0		µg/L	1	1/19/2017 4:28:46 AM
Bromodichloromethane	ND	1.0		µg/L	1	1/19/2017 4:28:46 AM
Bromoform	ND	1.0		µg/L	1	1/19/2017 4:28:46 AM
Bromomethane	ND	3.0		µg/L	1	1/19/2017 4:28:46 AM
2-Butanone	ND	10		µg/L	1	1/19/2017 4:28:46 AM
Carbon disulfide	ND	10		µg/L	1	1/19/2017 4:28:46 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	1/19/2017 4:28:46 AM
Chlorobenzene	ND	1.0		µg/L	1	1/19/2017 4:28:46 AM
Chloroethane	ND	2.0		µg/L	1	1/19/2017 4:28:46 AM
Chloroform	ND	1.0		µg/L	1	1/19/2017 4:28:46 AM
Chloromethane	ND	3.0		µg/L	1	1/19/2017 4:28:46 AM
2-Chlorotoluene	ND	1.0		µg/L	1	1/19/2017 4:28:46 AM
4-Chlorotoluene	ND	1.0		µg/L	1	1/19/2017 4:28:46 AM
cis-1,2-DCE	ND	1.0		µg/L	1	1/19/2017 4:28:46 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	1/19/2017 4:28:46 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	1/19/2017 4:28:46 AM
Dibromochloromethane	ND	1.0		µg/L	1	1/19/2017 4:28:46 AM
Dibromomethane	ND	1.0		µg/L	1	1/19/2017 4:28:46 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	1/19/2017 4:28:46 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	1/19/2017 4:28:46 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	1/19/2017 4:28:46 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	1/19/2017 4:28:46 AM
1,1-Dichloroethane	ND	1.0		µg/L	1	1/19/2017 4:28:46 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	1/19/2017 4:28:46 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	1/19/2017 4:28:46 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	1/19/2017 4:28:46 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	1/19/2017 4:28:46 AM

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering, Science and Technology
Client Sample ID: NMW-4R
Project: ATEX 213
Collection Date: 1/17/2017 10:35:00 AM
Lab ID: 1701705-009
Matrix: AQUEOUS
Received Date: 1/17/2017 3:45:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**
1,1-Dichloropropene	ND	1.0		µg/L	1	1/19/2017 4:28:46 AM
Hexachlorobutadiene	ND	1.0		µg/L	1	1/19/2017 4:28:46 AM
2-Hexanone	ND	10		µg/L	1	1/19/2017 4:28:46 AM
Isopropylbenzene	ND	1.0		µg/L	1	1/19/2017 4:28:46 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	1/19/2017 4:28:46 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	1/19/2017 4:28:46 AM
Methylene Chloride	ND	3.0		µg/L	1	1/19/2017 4:28:46 AM
n-Butylbenzene	ND	3.0		µg/L	1	1/19/2017 4:28:46 AM
n-Propylbenzene	ND	1.0		µg/L	1	1/19/2017 4:28:46 AM
sec-Butylbenzene	ND	1.0		µg/L	1	1/19/2017 4:28:46 AM
Styrene	ND	1.0		µg/L	1	1/19/2017 4:28:46 AM
tert-Butylbenzene	ND	1.0		µg/L	1	1/19/2017 4:28:46 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	1/19/2017 4:28:46 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	1/19/2017 4:28:46 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	1/19/2017 4:28:46 AM
trans-1,2-DCE	ND	1.0		µg/L	1	1/19/2017 4:28:46 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	1/19/2017 4:28:46 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	1/19/2017 4:28:46 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	1/19/2017 4:28:46 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	1/19/2017 4:28:46 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	1/19/2017 4:28:46 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	1/19/2017 4:28:46 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	1/19/2017 4:28:46 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	1/19/2017 4:28:46 AM
Vinyl chloride	ND	1.0		µg/L	1	1/19/2017 4:28:46 AM
Xylenes, Total	ND	1.5		µg/L	1	1/19/2017 4:28:46 AM
Surr: 1,2-Dichloroethane-d4	89.7	70-130		%Rec	1	1/19/2017 4:28:46 AM
Surr: 4-Bromofluorobenzene	93.0	70-130		%Rec	1	1/19/2017 4:28:46 AM
Surr: Dibromofluoromethane	96.1	70-130		%Rec	1	1/19/2017 4:28:46 AM
Surr: Toluene-d8	104	70-130		%Rec	1	1/19/2017 4:28:46 AM

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering, Science and Technology
Client Sample ID: RNMW-2
Project: ATEX 213
Collection Date: 1/17/2017 2:35:00 PM
Lab ID: 1701705-010
Matrix: AQUEOUS
Received Date: 1/17/2017 3:45:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**
Benzene	ND	1.0		µg/L	1	1/19/2017 4:57:25 AM
Toluene	ND	1.0		µg/L	1	1/19/2017 4:57:25 AM
Ethylbenzene	ND	1.0		µg/L	1	1/19/2017 4:57:25 AM
Methyl tert-butyl ether (MTBE)	23	1.0		µg/L	1	1/19/2017 4:57:25 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	1/19/2017 4:57:25 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	1/19/2017 4:57:25 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	1/19/2017 4:57:25 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	1/19/2017 4:57:25 AM
Naphthalene	ND	2.0		µg/L	1	1/19/2017 4:57:25 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	1/19/2017 4:57:25 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	1/19/2017 4:57:25 AM
Acetone	ND	10		µg/L	1	1/19/2017 4:57:25 AM
Bromobenzene	ND	1.0		µg/L	1	1/19/2017 4:57:25 AM
Bromodichloromethane	ND	1.0		µg/L	1	1/19/2017 4:57:25 AM
Bromoform	ND	1.0		µg/L	1	1/19/2017 4:57:25 AM
Bromomethane	ND	3.0		µg/L	1	1/19/2017 4:57:25 AM
2-Butanone	ND	10		µg/L	1	1/19/2017 4:57:25 AM
Carbon disulfide	ND	10		µg/L	1	1/19/2017 4:57:25 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	1/19/2017 4:57:25 AM
Chlorobenzene	ND	1.0		µg/L	1	1/19/2017 4:57:25 AM
Chloroethane	ND	2.0		µg/L	1	1/19/2017 4:57:25 AM
Chloroform	ND	1.0		µg/L	1	1/19/2017 4:57:25 AM
Chloromethane	ND	3.0		µg/L	1	1/19/2017 4:57:25 AM
2-Chlorotoluene	ND	1.0		µg/L	1	1/19/2017 4:57:25 AM
4-Chlorotoluene	ND	1.0		µg/L	1	1/19/2017 4:57:25 AM
cis-1,2-DCE	ND	1.0		µg/L	1	1/19/2017 4:57:25 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	1/19/2017 4:57:25 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	1/19/2017 4:57:25 AM
Dibromochloromethane	ND	1.0		µg/L	1	1/19/2017 4:57:25 AM
Dibromomethane	ND	1.0		µg/L	1	1/19/2017 4:57:25 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	1/19/2017 4:57:25 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	1/19/2017 4:57:25 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	1/19/2017 4:57:25 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	1/19/2017 4:57:25 AM
1,1-Dichloroethane	ND	1.0		µg/L	1	1/19/2017 4:57:25 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	1/19/2017 4:57:25 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	1/19/2017 4:57:25 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	1/19/2017 4:57:25 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	1/19/2017 4:57:25 AM

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering, Science and Technology
Client Sample ID: RNMW-2
Project: ATEX 213
Collection Date: 1/17/2017 2:35:00 PM
Lab ID: 1701705-010
Matrix: AQUEOUS
Received Date: 1/17/2017 3:45:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**
1,1-Dichloropropene	ND	1.0		µg/L	1	1/19/2017 4:57:25 AM
Hexachlorobutadiene	ND	1.0		µg/L	1	1/19/2017 4:57:25 AM
2-Hexanone	ND	10		µg/L	1	1/19/2017 4:57:25 AM
Isopropylbenzene	ND	1.0		µg/L	1	1/19/2017 4:57:25 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	1/19/2017 4:57:25 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	1/19/2017 4:57:25 AM
Methylene Chloride	ND	3.0		µg/L	1	1/19/2017 4:57:25 AM
n-Butylbenzene	ND	3.0		µg/L	1	1/19/2017 4:57:25 AM
n-Propylbenzene	ND	1.0		µg/L	1	1/19/2017 4:57:25 AM
sec-Butylbenzene	ND	1.0		µg/L	1	1/19/2017 4:57:25 AM
Styrene	ND	1.0		µg/L	1	1/19/2017 4:57:25 AM
tert-Butylbenzene	ND	1.0		µg/L	1	1/19/2017 4:57:25 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	1/19/2017 4:57:25 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	1/19/2017 4:57:25 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	1/19/2017 4:57:25 AM
trans-1,2-DCE	ND	1.0		µg/L	1	1/19/2017 4:57:25 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	1/19/2017 4:57:25 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	1/19/2017 4:57:25 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	1/19/2017 4:57:25 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	1/19/2017 4:57:25 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	1/19/2017 4:57:25 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	1/19/2017 4:57:25 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	1/19/2017 4:57:25 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	1/19/2017 4:57:25 AM
Vinyl chloride	ND	1.0		µg/L	1	1/19/2017 4:57:25 AM
Xylenes, Total	ND	1.5		µg/L	1	1/19/2017 4:57:25 AM
Surr: 1,2-Dichloroethane-d4	87.4	70-130		%Rec	1	1/19/2017 4:57:25 AM
Surr: 4-Bromofluorobenzene	94.2	70-130		%Rec	1	1/19/2017 4:57:25 AM
Surr: Dibromofluoromethane	93.6	70-130		%Rec	1	1/19/2017 4:57:25 AM
Surr: Toluene-d8	105	70-130		%Rec	1	1/19/2017 4:57:25 AM

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering, Science and Technology
Client Sample ID: RNMW-3
Project: ATEX 213
Collection Date: 1/17/2017 11:05:00 AM
Lab ID: 1701705-011
Matrix: AQUEOUS
Received Date: 1/17/2017 3:45:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**
Benzene	1.3	1.0		µg/L	1	1/19/2017 5:26:02 AM
Toluene	ND	1.0		µg/L	1	1/19/2017 5:26:02 AM
Ethylbenzene	ND	1.0		µg/L	1	1/19/2017 5:26:02 AM
Methyl tert-butyl ether (MTBE)	64	1.0		µg/L	1	1/19/2017 5:26:02 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	1/19/2017 5:26:02 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	1/19/2017 5:26:02 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	1/19/2017 5:26:02 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	1/19/2017 5:26:02 AM
Naphthalene	10	2.0		µg/L	1	1/19/2017 5:26:02 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	1/19/2017 5:26:02 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	1/19/2017 5:26:02 AM
Acetone	ND	10		µg/L	1	1/19/2017 5:26:02 AM
Bromobenzene	ND	1.0		µg/L	1	1/19/2017 5:26:02 AM
Bromodichloromethane	ND	1.0		µg/L	1	1/19/2017 5:26:02 AM
Bromoform	ND	1.0		µg/L	1	1/19/2017 5:26:02 AM
Bromomethane	ND	3.0		µg/L	1	1/19/2017 5:26:02 AM
2-Butanone	ND	10		µg/L	1	1/19/2017 5:26:02 AM
Carbon disulfide	ND	10		µg/L	1	1/19/2017 5:26:02 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	1/19/2017 5:26:02 AM
Chlorobenzene	ND	1.0		µg/L	1	1/19/2017 5:26:02 AM
Chloroethane	ND	2.0		µg/L	1	1/19/2017 5:26:02 AM
Chloroform	ND	1.0		µg/L	1	1/19/2017 5:26:02 AM
Chloromethane	ND	3.0		µg/L	1	1/19/2017 5:26:02 AM
2-Chlorotoluene	ND	1.0		µg/L	1	1/19/2017 5:26:02 AM
4-Chlorotoluene	ND	1.0		µg/L	1	1/19/2017 5:26:02 AM
cis-1,2-DCE	ND	1.0		µg/L	1	1/19/2017 5:26:02 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	1/19/2017 5:26:02 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	1/19/2017 5:26:02 AM
Dibromochloromethane	ND	1.0		µg/L	1	1/19/2017 5:26:02 AM
Dibromomethane	ND	1.0		µg/L	1	1/19/2017 5:26:02 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	1/19/2017 5:26:02 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	1/19/2017 5:26:02 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	1/19/2017 5:26:02 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	1/19/2017 5:26:02 AM
1,1-Dichloroethane	ND	1.0		µg/L	1	1/19/2017 5:26:02 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	1/19/2017 5:26:02 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	1/19/2017 5:26:02 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	1/19/2017 5:26:02 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	1/19/2017 5:26:02 AM

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering, Science and Technology
Client Sample ID: RNMW-3
Project: ATEX 213
Collection Date: 1/17/2017 11:05:00 AM
Lab ID: 1701705-011
Matrix: AQUEOUS
Received Date: 1/17/2017 3:45:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**
1,1-Dichloropropene	ND	1.0		µg/L	1	1/19/2017 5:26:02 AM
Hexachlorobutadiene	ND	1.0		µg/L	1	1/19/2017 5:26:02 AM
2-Hexanone	ND	10		µg/L	1	1/19/2017 5:26:02 AM
Isopropylbenzene	5.1	1.0		µg/L	1	1/19/2017 5:26:02 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	1/19/2017 5:26:02 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	1/19/2017 5:26:02 AM
Methylene Chloride	ND	3.0		µg/L	1	1/19/2017 5:26:02 AM
n-Butylbenzene	ND	3.0		µg/L	1	1/19/2017 5:26:02 AM
n-Propylbenzene	13	1.0		µg/L	1	1/19/2017 5:26:02 AM
sec-Butylbenzene	1.7	1.0		µg/L	1	1/19/2017 5:26:02 AM
Styrene	ND	1.0		µg/L	1	1/19/2017 5:26:02 AM
tert-Butylbenzene	ND	1.0		µg/L	1	1/19/2017 5:26:02 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	1/19/2017 5:26:02 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	1/19/2017 5:26:02 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	1/19/2017 5:26:02 AM
trans-1,2-DCE	ND	1.0		µg/L	1	1/19/2017 5:26:02 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	1/19/2017 5:26:02 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	1/19/2017 5:26:02 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	1/19/2017 5:26:02 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	1/19/2017 5:26:02 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	1/19/2017 5:26:02 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	1/19/2017 5:26:02 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	1/19/2017 5:26:02 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	1/19/2017 5:26:02 AM
Vinyl chloride	ND	1.0		µg/L	1	1/19/2017 5:26:02 AM
Xylenes, Total	ND	1.5		µg/L	1	1/19/2017 5:26:02 AM
Surr: 1,2-Dichloroethane-d4	77.0	70-130		%Rec	1	1/19/2017 5:26:02 AM
Surr: 4-Bromofluorobenzene	95.3	70-130		%Rec	1	1/19/2017 5:26:02 AM
Surr: Dibromofluoromethane	82.4	70-130		%Rec	1	1/19/2017 5:26:02 AM
Surr: Toluene-d8	103	70-130		%Rec	1	1/19/2017 5:26:02 AM

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering, Science and Technology
Client Sample ID: W-35
Project: ATEX 213
Collection Date: 1/17/2017 1:40:00 PM
Lab ID: 1701705-012
Matrix: AQUEOUS
Received Date: 1/17/2017 3:45:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**
Benzene	ND	1.0		µg/L	1	1/19/2017 5:54:45 AM
Toluene	ND	1.0		µg/L	1	1/19/2017 5:54:45 AM
Ethylbenzene	16	1.0		µg/L	1	1/19/2017 5:54:45 AM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	1/19/2017 5:54:45 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	1/19/2017 5:54:45 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	1/19/2017 5:54:45 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	1/19/2017 5:54:45 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	1/19/2017 5:54:45 AM
Naphthalene	430	20		µg/L	10	1/23/2017 7:34:13 PM
1-Methylnaphthalene	61	4.0		µg/L	1	1/19/2017 5:54:45 AM
2-Methylnaphthalene	34	4.0		µg/L	1	1/19/2017 5:54:45 AM
Acetone	ND	10		µg/L	1	1/19/2017 5:54:45 AM
Bromobenzene	ND	1.0		µg/L	1	1/19/2017 5:54:45 AM
Bromodichloromethane	ND	1.0		µg/L	1	1/19/2017 5:54:45 AM
Bromoform	ND	1.0		µg/L	1	1/19/2017 5:54:45 AM
Bromomethane	ND	3.0		µg/L	1	1/19/2017 5:54:45 AM
2-Butanone	ND	10		µg/L	1	1/19/2017 5:54:45 AM
Carbon disulfide	ND	10		µg/L	1	1/19/2017 5:54:45 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	1/19/2017 5:54:45 AM
Chlorobenzene	ND	1.0		µg/L	1	1/19/2017 5:54:45 AM
Chloroethane	ND	2.0		µg/L	1	1/19/2017 5:54:45 AM
Chloroform	ND	1.0		µg/L	1	1/19/2017 5:54:45 AM
Chloromethane	ND	3.0		µg/L	1	1/19/2017 5:54:45 AM
2-Chlorotoluene	ND	1.0		µg/L	1	1/19/2017 5:54:45 AM
4-Chlorotoluene	ND	1.0		µg/L	1	1/19/2017 5:54:45 AM
cis-1,2-DCE	ND	1.0		µg/L	1	1/19/2017 5:54:45 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	1/19/2017 5:54:45 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	1/19/2017 5:54:45 AM
Dibromochloromethane	ND	1.0		µg/L	1	1/19/2017 5:54:45 AM
Dibromomethane	ND	1.0		µg/L	1	1/19/2017 5:54:45 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	1/19/2017 5:54:45 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	1/19/2017 5:54:45 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	1/19/2017 5:54:45 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	1/19/2017 5:54:45 AM
1,1-Dichloroethane	ND	1.0		µg/L	1	1/19/2017 5:54:45 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	1/19/2017 5:54:45 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	1/19/2017 5:54:45 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	1/19/2017 5:54:45 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	1/19/2017 5:54:45 AM

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering, Science and Technology
Client Sample ID: W-35
Project: ATEX 213
Collection Date: 1/17/2017 1:40:00 PM
Lab ID: 1701705-012
Matrix: AQUEOUS
Received Date: 1/17/2017 3:45:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**
1,1-Dichloropropene	ND	1.0		µg/L	1	1/19/2017 5:54:45 AM
Hexachlorobutadiene	ND	1.0		µg/L	1	1/19/2017 5:54:45 AM
2-Hexanone	ND	10		µg/L	1	1/19/2017 5:54:45 AM
Isopropylbenzene	51	1.0		µg/L	1	1/19/2017 5:54:45 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	1/19/2017 5:54:45 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	1/19/2017 5:54:45 AM
Methylene Chloride	ND	3.0		µg/L	1	1/19/2017 5:54:45 AM
n-Butylbenzene	13	3.0		µg/L	1	1/19/2017 5:54:45 AM
n-Propylbenzene	120	10		µg/L	10	1/23/2017 7:34:13 PM
sec-Butylbenzene	11	1.0		µg/L	1	1/19/2017 5:54:45 AM
Styrene	ND	1.0		µg/L	1	1/19/2017 5:54:45 AM
tert-Butylbenzene	ND	1.0		µg/L	1	1/19/2017 5:54:45 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	1/19/2017 5:54:45 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	1/19/2017 5:54:45 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	1/19/2017 5:54:45 AM
trans-1,2-DCE	ND	1.0		µg/L	1	1/19/2017 5:54:45 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	1/19/2017 5:54:45 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	1/19/2017 5:54:45 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	1/19/2017 5:54:45 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	1/19/2017 5:54:45 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	1/19/2017 5:54:45 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	1/19/2017 5:54:45 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	1/19/2017 5:54:45 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	1/19/2017 5:54:45 AM
Vinyl chloride	ND	1.0		µg/L	1	1/19/2017 5:54:45 AM
Xylenes, Total	ND	1.5		µg/L	1	1/19/2017 5:54:45 AM
Surr: 1,2-Dichloroethane-d4	77.3	70-130		%Rec	1	1/19/2017 5:54:45 AM
Surr: 4-Bromofluorobenzene	98.5	70-130		%Rec	1	1/19/2017 5:54:45 AM
Surr: Dibromofluoromethane	79.5	70-130		%Rec	1	1/19/2017 5:54:45 AM
Surr: Toluene-d8	105	70-130		%Rec	1	1/19/2017 5:54:45 AM

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering, Science and Technology
Client Sample ID: W-36
Project: ATEX 213
Collection Date: 1/17/2017 12:17:00 PM
Lab ID: 1701705-013
Matrix: AQUEOUS
Received Date: 1/17/2017 3:45:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**
Benzene	ND	1.0		µg/L	1	1/23/2017 8:03:39 PM
Toluene	ND	1.0		µg/L	1	1/23/2017 8:03:39 PM
Ethylbenzene	1.1	1.0		µg/L	1	1/23/2017 8:03:39 PM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	1/23/2017 8:03:39 PM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	1/23/2017 8:03:39 PM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	1/23/2017 8:03:39 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	1/23/2017 8:03:39 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	1/23/2017 8:03:39 PM
Naphthalene	18	2.0		µg/L	1	1/23/2017 8:03:39 PM
1-Methylnaphthalene	ND	4.0		µg/L	1	1/23/2017 8:03:39 PM
2-Methylnaphthalene	ND	4.0		µg/L	1	1/23/2017 8:03:39 PM
Acetone	ND	10		µg/L	1	1/23/2017 8:03:39 PM
Bromobenzene	ND	1.0		µg/L	1	1/23/2017 8:03:39 PM
Bromodichloromethane	ND	1.0		µg/L	1	1/23/2017 8:03:39 PM
Bromoform	ND	1.0		µg/L	1	1/23/2017 8:03:39 PM
Bromomethane	ND	3.0		µg/L	1	1/23/2017 8:03:39 PM
2-Butanone	ND	10		µg/L	1	1/23/2017 8:03:39 PM
Carbon disulfide	ND	10		µg/L	1	1/23/2017 8:03:39 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	1/23/2017 8:03:39 PM
Chlorobenzene	ND	1.0		µg/L	1	1/23/2017 8:03:39 PM
Chloroethane	ND	2.0		µg/L	1	1/23/2017 8:03:39 PM
Chloroform	ND	1.0		µg/L	1	1/23/2017 8:03:39 PM
Chloromethane	ND	3.0		µg/L	1	1/23/2017 8:03:39 PM
2-Chlorotoluene	ND	1.0		µg/L	1	1/23/2017 8:03:39 PM
4-Chlorotoluene	ND	1.0		µg/L	1	1/23/2017 8:03:39 PM
cis-1,2-DCE	ND	1.0		µg/L	1	1/23/2017 8:03:39 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	1/23/2017 8:03:39 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	1/23/2017 8:03:39 PM
Dibromochloromethane	ND	1.0		µg/L	1	1/23/2017 8:03:39 PM
Dibromomethane	ND	1.0		µg/L	1	1/23/2017 8:03:39 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	1/23/2017 8:03:39 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	1/23/2017 8:03:39 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	1/23/2017 8:03:39 PM
Dichlorodifluoromethane	ND	1.0		µg/L	1	1/23/2017 8:03:39 PM
1,1-Dichloroethane	ND	1.0		µg/L	1	1/23/2017 8:03:39 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	1/23/2017 8:03:39 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	1/23/2017 8:03:39 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	1/23/2017 8:03:39 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	1/23/2017 8:03:39 PM

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering, Science and Technology
Client Sample ID: W-36
Project: ATEX 213
Collection Date: 1/17/2017 12:17:00 PM
Lab ID: 1701705-013
Matrix: AQUEOUS
Received Date: 1/17/2017 3:45:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**
1,1-Dichloropropene	ND	1.0		µg/L	1	1/23/2017 8:03:39 PM
Hexachlorobutadiene	ND	1.0		µg/L	1	1/23/2017 8:03:39 PM
2-Hexanone	ND	10		µg/L	1	1/23/2017 8:03:39 PM
Isopropylbenzene	5.2	1.0		µg/L	1	1/23/2017 8:03:39 PM
4-Isopropyltoluene	ND	1.0		µg/L	1	1/23/2017 8:03:39 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	1/23/2017 8:03:39 PM
Methylene Chloride	ND	3.0		µg/L	1	1/23/2017 8:03:39 PM
n-Butylbenzene	ND	3.0		µg/L	1	1/23/2017 8:03:39 PM
n-Propylbenzene	17	1.0		µg/L	1	1/23/2017 8:03:39 PM
sec-Butylbenzene	1.4	1.0		µg/L	1	1/23/2017 8:03:39 PM
Styrene	ND	1.0		µg/L	1	1/23/2017 8:03:39 PM
tert-Butylbenzene	ND	1.0		µg/L	1	1/23/2017 8:03:39 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	1/23/2017 8:03:39 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	1/23/2017 8:03:39 PM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	1/23/2017 8:03:39 PM
trans-1,2-DCE	ND	1.0		µg/L	1	1/23/2017 8:03:39 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	1/23/2017 8:03:39 PM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	1/23/2017 8:03:39 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	1/23/2017 8:03:39 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	1/23/2017 8:03:39 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	1/23/2017 8:03:39 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	1/23/2017 8:03:39 PM
Trichlorofluoromethane	ND	1.0		µg/L	1	1/23/2017 8:03:39 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	1/23/2017 8:03:39 PM
Vinyl chloride	ND	1.0		µg/L	1	1/23/2017 8:03:39 PM
Xylenes, Total	ND	1.5		µg/L	1	1/23/2017 8:03:39 PM
Surr: 1,2-Dichloroethane-d4	92.4	70-130		%Rec	1	1/23/2017 8:03:39 PM
Surr: 4-Bromofluorobenzene	94.3	70-130		%Rec	1	1/23/2017 8:03:39 PM
Surr: Dibromofluoromethane	92.6	70-130		%Rec	1	1/23/2017 8:03:39 PM
Surr: Toluene-d8	103	70-130		%Rec	1	1/23/2017 8:03:39 PM

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering, Science and Technology
Client Sample ID: Trip Blank
Project: ATEX 213
Collection Date:
Lab ID: 1701705-014
Matrix: AQUEOUS
Received Date: 1/17/2017 3:45:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**
Benzene	ND	1.0		µg/L	1	1/19/2017 6:52:02 AM
Toluene	ND	1.0		µg/L	1	1/19/2017 6:52:02 AM
Ethylbenzene	ND	1.0		µg/L	1	1/19/2017 6:52:02 AM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	1/19/2017 6:52:02 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	1/19/2017 6:52:02 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	1/19/2017 6:52:02 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	1/19/2017 6:52:02 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	1/19/2017 6:52:02 AM
Naphthalene	ND	2.0		µg/L	1	1/19/2017 6:52:02 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	1/19/2017 6:52:02 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	1/19/2017 6:52:02 AM
Acetone	ND	10		µg/L	1	1/19/2017 6:52:02 AM
Bromobenzene	ND	1.0		µg/L	1	1/19/2017 6:52:02 AM
Bromodichloromethane	ND	1.0		µg/L	1	1/19/2017 6:52:02 AM
Bromoform	ND	1.0		µg/L	1	1/19/2017 6:52:02 AM
Bromomethane	ND	3.0		µg/L	1	1/19/2017 6:52:02 AM
2-Butanone	ND	10		µg/L	1	1/19/2017 6:52:02 AM
Carbon disulfide	ND	10		µg/L	1	1/19/2017 6:52:02 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	1/19/2017 6:52:02 AM
Chlorobenzene	ND	1.0		µg/L	1	1/19/2017 6:52:02 AM
Chloroethane	ND	2.0		µg/L	1	1/19/2017 6:52:02 AM
Chloroform	ND	1.0		µg/L	1	1/19/2017 6:52:02 AM
Chloromethane	ND	3.0		µg/L	1	1/19/2017 6:52:02 AM
2-Chlorotoluene	ND	1.0		µg/L	1	1/19/2017 6:52:02 AM
4-Chlorotoluene	ND	1.0		µg/L	1	1/19/2017 6:52:02 AM
cis-1,2-DCE	ND	1.0		µg/L	1	1/19/2017 6:52:02 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	1/19/2017 6:52:02 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	1/19/2017 6:52:02 AM
Dibromochloromethane	ND	1.0		µg/L	1	1/19/2017 6:52:02 AM
Dibromomethane	ND	1.0		µg/L	1	1/19/2017 6:52:02 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	1/19/2017 6:52:02 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	1/19/2017 6:52:02 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	1/19/2017 6:52:02 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	1/19/2017 6:52:02 AM
1,1-Dichloroethane	ND	1.0		µg/L	1	1/19/2017 6:52:02 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	1/19/2017 6:52:02 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	1/19/2017 6:52:02 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	1/19/2017 6:52:02 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	1/19/2017 6:52:02 AM

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering, Science and Technology
Client Sample ID: Trip Blank
Project: ATEX 213
Collection Date:
Lab ID: 1701705-014
Matrix: AQUEOUS
Received Date: 1/17/2017 3:45:00 PM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **RAA**
1,1-Dichloropropene	ND	1.0		µg/L	1	1/19/2017 6:52:02 AM
Hexachlorobutadiene	ND	1.0		µg/L	1	1/19/2017 6:52:02 AM
2-Hexanone	ND	10		µg/L	1	1/19/2017 6:52:02 AM
Isopropylbenzene	ND	1.0		µg/L	1	1/19/2017 6:52:02 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	1/19/2017 6:52:02 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	1/19/2017 6:52:02 AM
Methylene Chloride	ND	3.0		µg/L	1	1/19/2017 6:52:02 AM
n-Butylbenzene	ND	3.0		µg/L	1	1/19/2017 6:52:02 AM
n-Propylbenzene	ND	1.0		µg/L	1	1/19/2017 6:52:02 AM
sec-Butylbenzene	ND	1.0		µg/L	1	1/19/2017 6:52:02 AM
Styrene	ND	1.0		µg/L	1	1/19/2017 6:52:02 AM
tert-Butylbenzene	ND	1.0		µg/L	1	1/19/2017 6:52:02 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	1/19/2017 6:52:02 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	1/19/2017 6:52:02 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	1/19/2017 6:52:02 AM
trans-1,2-DCE	ND	1.0		µg/L	1	1/19/2017 6:52:02 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	1/19/2017 6:52:02 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	1/19/2017 6:52:02 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	1/19/2017 6:52:02 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	1/19/2017 6:52:02 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	1/19/2017 6:52:02 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	1/19/2017 6:52:02 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	1/19/2017 6:52:02 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	1/19/2017 6:52:02 AM
Vinyl chloride	ND	1.0		µg/L	1	1/19/2017 6:52:02 AM
Xylenes, Total	ND	1.5		µg/L	1	1/19/2017 6:52:02 AM
Surr: 1,2-Dichloroethane-d4	92.6	70-130		%Rec	1	1/19/2017 6:52:02 AM
Surr: 4-Bromofluorobenzene	93.8	70-130		%Rec	1	1/19/2017 6:52:02 AM
Surr: Dibromofluoromethane	99.7	70-130		%Rec	1	1/19/2017 6:52:02 AM
Surr: Toluene-d8	105	70-130		%Rec	1	1/19/2017 6:52:02 AM

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

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1701705**

25-Jan-17

Client: EA Engineering, Science and Technology

Project: ATEX 213

Sample ID **100ng lcs**	SampType: **LCS**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **LCSW**	Batch ID: **R40109**	RunNo: **40109**
Prep Date:	Analysis Date: **1/18/2017**	SeqNo: **1257826** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	20	1.0	20.00	0	101	70	130			
Toluene	20	1.0	20.00	0	99.3	70	130			
Chlorobenzene	20	1.0	20.00	0	98.3	70	130			
1,1-Dichloroethene	18	1.0	20.00	0	90.0	70	130			
Trichloroethene (TCE)	18	1.0	20.00	0	90.4	70	130			
Surr: 1,2-Dichloroethane-d4	9.5		10.00		94.6	70	130			
Surr: 4-Bromofluorobenzene	9.8		10.00		98.1	70	130			
Surr: Dibromofluoromethane	9.2		10.00		92.4	70	130			
Surr: Toluene-d8	9.9		10.00		98.9	70	130			

Sample ID **1701705-001a ms**	SampType: **MS**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **BB-2**	Batch ID: **R40109**	RunNo: **40109**
Prep Date:	Analysis Date: **1/18/2017**	SeqNo: **1257828** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	19	1.0	20.00	0	96.4	70	130			
Toluene	20	1.0	20.00	0	100	70	130			
Chlorobenzene	20	1.0	20.00	0	98.6	70	130			
1,1-Dichloroethene	17	1.0	20.00	0	83.6	70	130			
Trichloroethene (TCE)	17	1.0	20.00	0	85.6	70	130			
Surr: 1,2-Dichloroethane-d4	9.1		10.00		90.9	70	130			
Surr: 4-Bromofluorobenzene	9.7		10.00		96.9	70	130			
Surr: Dibromofluoromethane	9.2		10.00		92.3	70	130			
Surr: Toluene-d8	10		10.00		101	70	130			

Sample ID **1701705-001a msd**	SampType: **MSD**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **BB-2**	Batch ID: **R40109**	RunNo: **40109**
Prep Date:	Analysis Date: **1/18/2017**	SeqNo: **1257829** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	18	1.0	20.00	0	91.7	70	130	5.04	20	
Toluene	19	1.0	20.00	0	97.1	70	130	3.38	20	
Chlorobenzene	19	1.0	20.00	0	94.2	70	130	4.55	20	
1,1-Dichloroethene	16	1.0	20.00	0	78.6	70	130	6.20	20	
Trichloroethene (TCE)	17	1.0	20.00	0	83.4	70	130	2.58	20	
Surr: 1,2-Dichloroethane-d4	8.6		10.00		86.2	70	130	0	0	
Surr: 4-Bromofluorobenzene	9.7		10.00		96.7	70	130	0	0	
Surr: Dibromofluoromethane	9.2		10.00		91.6	70	130	0	0	
Surr: Toluene-d8	10		10.00		101	70	130	0	0	

Qualifiers:

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

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **1701705**
25-Jan-17

Client: EA Engineering, Science and Technology
Project: ATEX 213

Sample ID **rb**	SampType: **MBLK**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW**	Batch ID: **R40109**	RunNo: **40109**
Prep Date:	Analysis Date: **1/18/2017**	SeqNo: **1257846** Units: **µg/L**

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

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1701705**

25-Jan-17

Client: EA Engineering, Science and Technology

Project: ATEX 213

Sample ID **rb**	SampType: **MBLK**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW**	Batch ID: **R40109**	RunNo: **40109**
Prep Date:	Analysis Date: **1/18/2017**	SeqNo: **1257846** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,1-Dichloropropene	ND	1.0								
Hexachlorobutadiene	ND	1.0								
2-Hexanone	ND	10								
Isopropylbenzene	ND	1.0								
4-Isopropyltoluene	ND	1.0								
4-Methyl-2-pentanone	ND	10								
Methylene Chloride	ND	3.0								
n-Butylbenzene	ND	3.0								
n-Propylbenzene	ND	1.0								
sec-Butylbenzene	ND	1.0								
Styrene	ND	1.0								
tert-Butylbenzene	ND	1.0								
1,1,1,2-Tetrachloroethane	ND	1.0								
1,1,2,2-Tetrachloroethane	ND	2.0								
Tetrachloroethene (PCE)	ND	1.0								
trans-1,2-DCE	ND	1.0								
trans-1,3-Dichloropropene	ND	1.0								
1,2,3-Trichlorobenzene	ND	1.0								
1,2,4-Trichlorobenzene	ND	1.0								
1,1,1-Trichloroethane	ND	1.0								
1,1,2-Trichloroethane	ND	1.0								
Trichloroethene (TCE)	ND	1.0								
Trichlorofluoromethane	ND	1.0								
1,2,3-Trichloropropane	ND	2.0								
Vinyl chloride	ND	1.0								
Xylenes, Total	ND	1.5								
Surr: 1,2-Dichloroethane-d4	9.3		10.00		92.6	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		101	70	130			
Surr: Dibromofluoromethane	9.6		10.00		95.6	70	130			
Surr: Toluene-d8	9.8		10.00		97.9	70	130			

Sample ID **rb**	SampType: **MBLK**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW**	Batch ID: **W40228**	RunNo: **40228**
Prep Date:	Analysis Date: **1/23/2017**	SeqNo: **1261184** 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								

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1701705**

25-Jan-17

Client: EA Engineering, Science and Technology

Project: ATEX 213

Sample ID **rb**	SampType: **MBLK**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW**	Batch ID: **W40228**	RunNo: **40228**
Prep Date:	Analysis Date: **1/23/2017**	SeqNo: **1261184** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Methyl tert-butyl ether (MTBE)	ND	1.0								
1,2,4-Trimethylbenzene	ND	1.0								
1,3,5-Trimethylbenzene	ND	1.0								
1,2-Dichloroethane (EDC)	ND	1.0								
1,2-Dibromoethane (EDB)	ND	1.0								
Naphthalene	ND	2.0								
1-Methylnaphthalene	ND	4.0								
2-Methylnaphthalene	ND	4.0								
Acetone	ND	10								
Bromobenzene	ND	1.0								
Bromodichloromethane	ND	1.0								
Bromoform	ND	1.0								
Bromomethane	ND	3.0								
2-Butanone	ND	10								
Carbon disulfide	ND	10								
Carbon Tetrachloride	ND	1.0								
Chlorobenzene	ND	1.0								
Chloroethane	ND	2.0								
Chloroform	ND	1.0								
Chloromethane	ND	3.0								
2-Chlorotoluene	ND	1.0								
4-Chlorotoluene	ND	1.0								
cis-1,2-DCE	ND	1.0								
cis-1,3-Dichloropropene	ND	1.0								
1,2-Dibromo-3-chloropropane	ND	2.0								
Dibromochloromethane	ND	1.0								
Dibromomethane	ND	1.0								
1,2-Dichlorobenzene	ND	1.0								
1,3-Dichlorobenzene	ND	1.0								
1,4-Dichlorobenzene	ND	1.0								
Dichlorodifluoromethane	ND	1.0								
1,1-Dichloroethane	ND	1.0								
1,1-Dichloroethene	ND	1.0								
1,2-Dichloropropane	ND	1.0								
1,3-Dichloropropane	ND	1.0								
2,2-Dichloropropane	ND	2.0								
1,1-Dichloropropene	ND	1.0								
Hexachlorobutadiene	ND	1.0								
2-Hexanone	ND	10								

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1701705**

25-Jan-17

Client: EA Engineering, Science and Technology

Project: ATEX 213

Sample ID **rb**	SampType: **MBLK**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW**	Batch ID: **W40228**	RunNo: **40228**
Prep Date:	Analysis Date: **1/23/2017**	SeqNo: **1261184** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Isopropylbenzene	ND	1.0								
4-Isopropyltoluene	ND	1.0								
4-Methyl-2-pentanone	ND	10								
Methylene Chloride	ND	3.0								
n-Butylbenzene	ND	3.0								
n-Propylbenzene	ND	1.0								
sec-Butylbenzene	ND	1.0								
Styrene	ND	1.0								
tert-Butylbenzene	ND	1.0								
1,1,1,2-Tetrachloroethane	ND	1.0								
1,1,2,2-Tetrachloroethane	ND	2.0								
Tetrachloroethene (PCE)	ND	1.0								
trans-1,2-DCE	ND	1.0								
trans-1,3-Dichloropropene	ND	1.0								
1,2,3-Trichlorobenzene	ND	1.0								
1,2,4-Trichlorobenzene	ND	1.0								
1,1,1-Trichloroethane	ND	1.0								
1,1,2-Trichloroethane	ND	1.0								
Trichloroethene (TCE)	ND	1.0								
Trichlorofluoromethane	ND	1.0								
1,2,3-Trichloropropane	ND	2.0								
Vinyl chloride	ND	1.0								
Xylenes, Total	ND	1.5								
Surr: 1,2-Dichloroethane-d4	9.5		10.00		95.2	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		100	70	130			
Surr: Dibromofluoromethane	9.2		10.00		91.9	70	130			
Surr: Toluene-d8	11		10.00		107	70	130			

Sample ID **100ng lcs**	SampType: **LCS**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **LCSW**	Batch ID: **W40228**	RunNo: **40228**
Prep Date:	Analysis Date: **1/23/2017**	SeqNo: **1261188** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	18	1.0	20.00	0	89.9	70	130			
Toluene	21	1.0	20.00	0	105	70	130			
Chlorobenzene	20	1.0	20.00	0	100	70	130			
1,1-Dichloroethene	21	1.0	20.00	0	105	70	130			
Trichloroethene (TCE)	18	1.0	20.00	0	92.1	70	130			
Surr: 1,2-Dichloroethane-d4	9.2		10.00		91.7	70	130			

Qualifiers:

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

QC SUMMARY REPORT
Hall Environmental Analysis Laboratory, Inc.

WO#: **1701705**
25-Jan-17

Client: EA Engineering, Science and Technology
Project: ATEX 213

Sample ID **100ng lcs**	SampType: **LCS**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **LCSW**	Batch ID: **W40228**	RunNo: **40228**
Prep Date:	Analysis Date: **1/23/2017**	SeqNo: **1261188** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	10		10.00		103	70	130			
Surr: Dibromofluoromethane	9.1		10.00		90.6	70	130			
Surr: Toluene-d8	10		10.00		102	70	130			

Qualifiers:

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

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

Sample Log-In Check List

Client Name: EA Engineering Alb Work Order Number: 1701705 RcptNo: 1

Received by/date: AJ 1/17/17

Logged By: Andy Jansson 1/17/2017 3:45:00 PM

Completed By: Andy Jansson 1/17/17

Reviewed By: AJ/ke 1/17/17

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	2.8	Good	Not Present			

Chain-of-Custody Record

Client: EA Engineering, Science, and Technology

Mailing Address: 320 Gold Avenue SW, Suite 1300 Albuquerque, NM 87120

Phone #: 505-224-9013

email or Fax#: tmcmillan@eaest.com

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

Accreditation: ☐ NELAP ☐ Other

☐ EDD (Type)

Turn-Around Time: ☒ Standard ☐ Rush

Project Name: ATEX 213

Project #: 6289802

Project Manager: Teri McMillan

Sampler: C. Smith

On Ice: ☑ Yes ☐ No

Sample Temperature: 2.8°C

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. 1701705	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)
1-17-17	1142	Aq	BB-2	VOA 3	$HgCl_2$	-001										X		
	1245		MW-1R			-002												
	0935		MW-2			-003												
	1410		MW-3			-004												
	1006		MW-4R			-005												
	1312		MW-6RR			-006												
	0852		MW-38			-007												
	1500		NMW-1			-008												
	1035		NMW-4R			-009												
	1435		RNMW-2			-010												
	1105		RNMW-3			-011												
	1340		W-35			-012												

Analysis Request

Date:	Time:	Relinquished by:	Received by:	Date	Time
1-17-17	1545			1/17/17	1545

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 Science and Technology

Mailing Address: 320 Gold Avenue SW, Suite 1300, Albuquerque, NM 87120

Phone #: 505-224-9013

email or Fax#: tmcmillan@eaest.com

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

Accreditation
☐ NELAP ☐ Other _____

☐ EDD (Type) _____

Turn-Around Time:
☒ Standard ☐ Rush _____

Project Name: ATEX 213

Project #: 6289802

Project Manager: Teri McMillan

Sampler: C. Smith

On Ice: ☑ Yes ☐ No

Sample Temperature: 2.8°C

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. 1701705	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)
1-17	1217	Aq	W-36	VOA ?	$HgCl_2$	-013										X		
↓	-	Aq	Trip Blank	↓	-	-014										X		

Analysis Request

Date:	Time:	Relinquished by:	Received by:	Date	Time
1-17	1545			1/17/17	1545
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 D

PUBLIC AND PRIVATE WELL DETAILS

New Mexico Office of the State Engineer

Active & Inactive Points of Diversion

(with Ownership Information)

(acre ft per annum) (R=POD has been replaced and no longer serves this file, C=the file is closed) (quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest) (NAD83 UTM in meters)

WR File Nbr	Sub basin	Use	Diversion	Owner	County	POD Number	Code	Grant	Source	q q q 64 16 4	Sec	Tws	Rng	X	Y
RG 21401	MRG	DOM	3	HENRY WILLIAMS	BE	RG 21401 POD1			Shallow	3 4 2	12	09N	02E		

Record Count: 1

POD Search:

POD Number: RG 21401

Sorted by: File Number

New Mexico Office of the State Engineer

Water Right Summary

get image list

WR File Number: RG 21401 **Subbasin:** MRG **Cross Reference:** -

Primary Purpose: DOM 72-12-1 DOMESTIC ONE HOUSEHOLD

Primary Status: PMT PERMIT

Total Acres: **Subfile:** -

Total Diversion: 3 **Cause/Case:** -

Owner: HENRY WILLIAMS

Documents on File

	Trn #	Doc	File/Act	Status 1	Status 2	Transaction Desc.	From/ To	Acres	Diversion	Consumptive
get images	437733	72121	1972-07-07	PMT	LOG	RG 21401 POD1	T		3	

Current Points of Diversion

(NAD83 UTM in meters)

POD Number	Source	Q 64	Q16	Q4	Sec	Tws	Rng	X	Y	Other Location Desc
RG 21401 POD1	Shallow	3	4	2	12	09N	02E			

2/16/17 11:59 AM WATER RIGHT SUMMARY

New Mexico Office of the State Engineer

Point of Diversion Summary

POD Number	(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest) Q64	Q16	Q4	Sec	Twn	Rng	(NAD83 UTM in meters) X	Y
RG 21401 POD1	3	4	2	12	09N	02E		

Driller License:	245	**Driller Company:**	BONE, ELMER ANTHONY		
Driller Name:	BONE, ELMER ANTHONY				
Drill Start Date:	07/08/1972	**Drill Finish Date:**	07/08/1972	**Plug Date:**	
Log File Date:	08/17/1972	**PCW Rcv Date:**		**Source:**	Shallow
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	
Casing Size:	1.50	**Depth Well:**	38 feet	**Depth Water:**	8 feet

New Mexico Office of the State Engineer

Active & Inactive Points of Diversion

(with Ownership Information)

(R=POD has been replaced and no longer serves this file. C=the file is closed) (quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest) (NAD83 UTM in meters) (acre ft per annum)

WR File Nbr	Sub basin	Use	Diversion	Owner	County	POD Number	Code	Grant	Source	q q q 64 16 4	Sec	Twn	Rng	X	Y
RG 62309	MRG	DOM	3	MARCELLA S. BENSON	BE	RG 62309 POD1		TOWN OF ATRISCO	Shallow	1 4 2	12	09N	02E	346875	3877198

Record Count: 1

POD Search:

POD Number: RG 62309

Sorted by: File Number

New Mexico Office of the State Engineer
Water Right Summary

WR File Number: RG 62309 **Subbasin:** MRG **Cross Reference:** -

Primary Purpose: DOM 72-12-1 DOMESTIC ONE HOUSEHOLD

Primary Status: PMT PERMIT

Total Acres: **Subfile:** -

Total Diversion: 3 **Cause/Case:** -

Owner: MARCELLA S. BENSON

Documents on File

Trn #	Doc	File/Act	Status 1	Status 2	Transaction Desc.	From/ To	Acres	Diversion	Consumptive
602402	72121	1995-05-31	PMT	LOG	RG 62309 POD1	T		3	

Current Points of Diversion

(NAD83 UTM in meters)

POD Number	Source	Q Q Q 64 16 4	Sec	Tws	Rng	X	Y	Other Location Desc
RG 62309 POD1	Shallow	1 4 2	12	09N	02E	346875	3877198	1420 LA MORA LANE SW ALB NM

New Mexico Office of the State Engineer
Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters)

POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
RG 62309 POD1	1	4	2	12	09N	02E	346875	3877198

Driller License: 225 **Driller Company:** RODGERS & CO., INC.
Driller Name: FOWLER, KEN

Drill Start Date: 06/03/1995 **Drill Finish Date:** 06/03/1995 **Plug Date:**
Log File Date: 08/02/1995 **PCW Rcv Date:** **Source:** Shallow
Pump Type: **Pipe Discharge Size:** **Estimated Yield:**
Casing Size: 2.00 **Depth Well:** 45 feet **Depth Water:** 7 feet

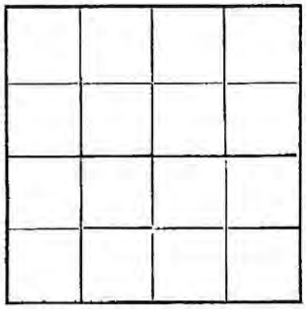
Form WR-23 STATE ENGINEER OFFICE

WELL RECORD

A39733

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the nearest district office of the State Engineer. All sections, except Section 5, shall be answered as completely and accurately as possible when any well is drilled, repaired or deepened. When this form is used as a plugging record, only Section 1A and Section 5 need be completed.

Section 1



(Plat of 640 acres)

(A) Owner of well Henry Williams
Street and Number 1312 Tobacco Rd. S.W.
City Albq. State New Mexico
Well was drilled under Permit No. RG 21401 and is located in the SW ¼ SE ¼ NE ¼ of Section 12 Twp. 9N Rge. 2E
(B) Drilling Contractor Express Bore License No.
Street and Number 3403 Wexford Rd. S.W.
City Albq. State New Mexico
Drilling was commenced July 8 19 72
Drilling was completed July 8 19 72
Elevation at top of casing in feet above sea level Total depth of well 38 ft
State whether well is shallow or artesian Shallow Depth to water upon completion 8 ft

Section 2 PRINCIPAL WATER-BEARING STRATA

No.	Depth in Feet From	Depth in Feet To	Thickness in Feet	Description of Water-Bearing Formation
1				1-½ inch 38 ft.
2				
3				
4				
5				

1972 NOV 2 AM 11:44

Section 3 RECORD OF CASING

Dia in.	Pounds ft.	Threads in	Depth Top	Depth Bottom	Feet	Type Shoe	Perforations From	Perforations To

Section 4 RECORD OF MUDDING AND CEMENTING

Depth in Feet From	Depth in Feet To	Diameter Hole in in.	Tons Clay	No. Sacks of Cement	Methods Used

Section 5 PLUGGING RECORD

Name of Plugging Contractor License No.
Street and Number City State
Tons of Clay used Tons of Roughage used Type of roughage
Plugging method used Date Plugged 19
Plugging approved by:

Basin Supervisor

Cement Plugs were placed as follows:

No.	Depth of Plug From	Depth of Plug To	No. of Sacks Used

FOR USE OF STATE ENGINEER ONLY

Date Received Aug. 11, 1972

File No. RG-21401 Use dom Location No. 9.2.12.243

Section 6

LOG OF WELL

Depth in Feet		Thickness in Feet	Color	Type of Material Encountered
From	To			

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described well.

Well Driller

New Mexico Office of the State Engineer

Active & Inactive Points of Diversion

(with Ownership Information)

(R=POD has been replaced and no longer serves this file; C=the file is closed) (quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest) (NAD83 UTM in meters) (acre ft per annum)

WR File Nbr	Sub basin	Use	Diversion	Owner	County	POD Number	Code	Grant	Source	q q q 64 16 4	Sec	Twn	Rng	X	Y
RG 62708		DOM	3	ANTHONY J MONTANO	BE	RG 62708			Shallow	2 3 2	12	09N	02E		

Record Count: 1

POD Search:

POD Number: RG 62708

Sorted by: File Number

New Mexico Office of the State Engineer

Water Right Summary

WR File Number: RG 62708 **Subbasin:** - **Cross Reference:** -

Primary Purpose: DOM 72-12-1 DOMESTIC ONE HOUSEHOLD

Primary Status: PMT PERMIT

Total Acres: **Subfile:** -

Total Diversion: 3 **Cause/Case:** -

Owner: ANTHONY J. MONTANO

Documents on File

Trn #	Doc	File/Act	Status 1	Status 2	Transaction Desc.	From/ To	Acres	Diversion	Consumptive
29638	72121	1995-07-13	PMT	APR	CONVERSION RG 62708	T		3	

—For more infomation on Conversion Transactions, please see Help—

Current Points of Diversion

(NAD83 UTM in meters)

POD Number	Source	Q 64	Q16	Q4	Sec	Tws	Rng	X	Y	Other Location Desc
RG 62708	Shallow	2	3	2	12	09N	02E			

New Mexico Office of the State Engineer

Point of Diversion Summary

POD Number	Q64	Q16	Q4	Sec	Twp	Rng	X	Y
RG 62708	2	3	2	12	09N	02E		

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest)
(NAD83 UTM in meters)

Driller License:		**Driller Company:**			
Driller Name:	FLORES BROS.				
Drill Start Date:	08/20/1995	**Drill Finish Date:**	08/20/1995	**Plug Date:**	
Log File Date:	10/22/1996	**PCW Rcv Date:**		**Source:**	Shallow
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	
Casing Size:		**Depth Well:**	31 feet	**Depth Water:**	

New Mexico Office of the State Engineer

Active & Inactive Points of Diversion

(with Ownership Information)

(R=POD has been replaced and no longer serves this file. C=the file is closed) (quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest) (NAD83 UTM in meters)

(acre-ft per annum)

WR File Nbr	Sub basin	Use	Diversion	Owner	County	POD Number	Code	Grant	Source	q q q 64 16 4	Sec	Twn	Rng	X	Y
RG 64002		DOM	3	DONNELL A. MONTOYA	BE	RG 64002				3 2 2	12	09N	02E		
					BE	RG 64002 X			Shallow	3 2 2	12	09N	02E		

Record Count: 2

POD Search:

POD Number: RG 64002

Sorted by: File Number

New Mexico Office of the State Engineer

Water Right Summary

WR File Number: RG 64002 **Subbasin:** - **Cross Reference:** -

Primary Purpose: DOM 72-12-1 DOMESTIC ONE HOUSEHOLD

Primary Status: PMT PERMIT

Total Acres: **Subfile:** -

Total Diversion: 3 **Cause/Case:** -

Owner: DONNELL A. MONTOYA

Documents on File

Trn #	Doc	File/Act	Status 1	Status 2	Transaction Desc.	From/ To	Acres	Diversion	Consumptive
48044	72121	1996-02-12	PMT	APR	CONVERSION	RG 64002 T		3	

---For more infomation on Conversion Transactions, please see Help---

Current Points of Diversion

(NAD83 UTM in meters)

POD Number	Source	Q 64	Q16	Q4	Sec	Tws	Rng	X	Y	Other Location Desc
RG 64002		3	2	2	12	09N	02E			
RG 64002 X	Shallow	3	2	2	12	09N	02E			

2/16/17 12:06 PM WATER RIGHT SUMMARY

New Mexico Office of the State Engineer

Point of Diversion Summary

POD Number	(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest) Q64	Q16	Q4	Sec	Twn	Rng	(NAD83 UTM in meters) X	Y
RG 64002 X	3	2	2	12	09N	02E		

Driller License:	225	**Driller Company:**	RODGERS & CO., INC.		
Driller Name:					
Drill Start Date:	02/22/1996	**Drill Finish Date:**	02/22/1996	**Plug Date:**	
Log File Date:	03/26/1996	**PCW Rcv Date:**		**Source:**	Shallow
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	
Casing Size:		**Depth Well:**	44 feet	**Depth Water:**	5 feet

New Mexico Office of the State Engineer

Active & Inactive Points of Diversion

(with Ownership Information)

(acre ft per annum) (R=POD has been replaced and no longer serves this file. C=the file is closed) (quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest) (NAD83 UTM in meters)

WR File Nbr	Sub basin	Use	Diversion	Owner	County	POD Number	Code	Grant	Source	q q q 64 16 4	Sec	Tws	Rng	X	Y
RG 20690	MRG	DOM	3	TOM STRIBLING & ASSOC REALTOR	BE	RG 20690 POD1		R	Shallow		12	09N	02E	346396	3876790*
					BE	RG 20690 POD2			Shallow	2 4 1	12	09N	02E		

Record Count: 2

POD Search:

POD Number: RG 20690

Sorted by: File Number

***UTM location was derived from PLSS - see Help**

New Mexico Office of the State Engineer

Water Right Summary

get image list

WR File Number: RG 20690 **Subbasin:** MRG **Cross Reference:** -

Primary Purpose: DOM 72-12-1 DOMESTIC ONE HOUSEHOLD

Primary Status: PMT PERMIT

Total Acres: **Subfile:** -

Total Diversion: 3 **Cause/Case:** -

Owner: TOM STRIBLING & ASSOC. REALTOR

Documents on File

	Trn #	Doc	File/Act	Status 1	Status 2	Transaction Desc.	From/ To	Acres	Diversion	Consumptive
act images	436465	72121	1991-05-16	PMT	LOG	RG 20690 CLW POD2	T		3	
act images	436460	72121	1972-04-04	CAN	FIN	RG 20690 POD1	T		3	

Current Points of Diversion

(NAD83 UTM in meters)

POD Number	Source	Q 64	Q16	Q4	Sec	Tws	Rng	X	Y	Other Location Desc
RG 20690 POD2	Shallow	2	4	1	12	09N	02E			

2/16/17 12:08 PM

WATER RIGHT SUMMARY

New Mexico Office of the State Engineer

Point of Diversion Summary

POD Number	(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest) Q64	Q16	Q4	Sec	Twn	Rng	(NAD83 UTM in meters) X	Y
RG 20690 POD2	2	4	1	12	09N	02E		

Driller License:	225	**Driller Company:**	RODGERS & CO., INC.		
Driller Name:	RON HIATIOR				
Drill Start Date:	05/02/1991	**Drill Finish Date:**	05/02/1991	**Plug Date:**	
Log File Date:	02/14/1992	**PCW Rcv Date:**		**Source:**	Shallow
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	
Casing Size:	2.00	**Depth Well:**	45 feet	**Depth Water:**	10 feet

New Mexico Office of the State Engineer

Active & Inactive Points of Diversion

(with Ownership Information)

(R=POD has been replaced and no longer serves this file. C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest) (NAD83 UTM in meters)

(acre-ft per annum)

WR File Nbr	Sub basin	Use	Diversion	Owner	County	POD Number	Code	Grant	Source	q 64 16 4	Sec	Twn	Rng	X	Y
RG 13048		MUN	65	CITY OF ALBUQUERQUE	BE	RG 13048			Shallow	2 4 3	12	09N	02E	346295	3876279*

Record Count: 1

POD Search:

POD Number: RG 13048

Sorted by: File Number

***UTM location was derived from PLSS - see Help**

New Mexico Office of the State Engineer

Water Right Summary

WR File Number: RG 13048 **Subbasin:** - **Cross Reference:** -

Primary Purpose: MUN MUNICIPAL - CITY OR COUNTY SUPPLIED WATER

Primary Status: PMT PERMIT

Total Acres: **Subfile:** -

Total Diversion: 65 **Cause/Case:** -

Owner: CITY OF ALBUQUERQUE

Documents on File

Trn #	Doc	File/Act	Status 1	Status 2	Transaction Desc.	From/ To	Acres	Diversion	Consumptive
73090	APPRO	1965-09-24	PMT	APR	CONVERSION RG 13048	T		65	

---For more infomation on Conversion Transactions, please see Help---

Current Points of Diversion

(NAD83 UTM in meters)

POD Number	Source	Q 64	Q16	Q4	Sec	Tws	Rng	X	Y	Other Location Desc
RG 13048	Shallow	2	4	3	12	09N	02E	346295	3876279*	

*An (*) after northing value indicates UTM location was derived from PLSS - see Help

2/16/17 12:12 PM WATER RIGHT SUMMARY

New Mexico Office of the State Engineer

Point of Diversion Summary

POD Number	(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest) Q64	Q16	Q4	Sec	Twn	Rng	(NAD83 UTM in meters) X	Y
RG 13048	2	4	3	12	09N	02E	346295	3876279*

Driller License:		**Driller Company:**			
Driller Name:	C.R. DAVIS				
Drill Start Date:		**Drill Finish Date:**	01/01/1963	**Plug Date:**	
Log File Date:		**PCW Rcv Date:**	03/28/1966	**Source:**	Shallow
Pump Type:	SUBMER	**Pipe Discharge Size:**		**Estimated Yield:**	
Casing Size:		**Depth Well:**	75 feet	**Depth Water:**	

***UTM location was derived from PLSS - see Help**

New Mexico Office of the State Engineer

Active & Inactive Points of Diversion

(with Ownership Information)

(R=POD has been replaced and no longer serves this file, C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

(acre ft per annum)

WR File Nbr	Sub basin	Use	Diversion	Owner	County	POD Number	Code	Grant	Source	q q q 64 16 4	Sec	Twn	Rng	X	Y
RG 43845	MRG	PDM	3	IRMGARD ARAGON	BE	RG 43845 POD1		TOWN OF ATRISCO	Shallow		12	09N	02E	346833	3877188

Record Count: 1

POD Search:

POD Number: RG 43845

Sorted by: File Number

New Mexico Office of the State Engineer
Water Right Summary

get image list

WR File Number: RG 43845 **Subbasin:** MRG **Cross Reference:** -

Primary Purpose: PDM NON 72-12-1 DOMESTIC

Primary Status: DCL DECLARATION

Total Acres: 0 **Subfile:** -

Total Diversion: 3 **Cause/Case:** -

Owner: IRMGARD ARAGON

Documents on File

Trn #	Doc	File/Act	Status 1	Status 2	Transaction Desc.	From/ To	Acres	Diversion	Consumptive
get images 544335	DCL	1985-06-10	DCL	PRC	RG 43845	T	0	3	

Current Points of Diversion

(NAD83 UTM in meters)

POD Number	Source	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Other Location Desc
RG 43845 POD1	Shallow				12	09N	02E	346834	3877188	

Priority Summary

Priority	Status	Acres	Diversion	Pod Number	Source
12/31/1971	DCL	0	3	RG 43845 POD1	Shallow

Place of Use

Q 256	Q 64	Q 16	Q 4	Sec	Tws	Rng	Acres	Diversion	CU	Use	Priority	Status	Other Location Desc
				12	09N	02E	0	3		PDM		DCL	

Source

Acres	Diversion	CU	Use	Priority	Source Description
0	3		PDM		GW

New Mexico Office of the State Engineer
Point of Diversion Summary

POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
RG 43845 POD1				12	09N	02E	346834	3877188

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest)
(NAD83 UTM in meters)

Driller License: 122 **Driller Company:** UNKNOWN

Driller Name:

Drill Start Date: **Drill Finish Date:** **Plug Date:**

Log File Date: **PCW Rcv Date:** **Source:** Shallow

Pump Type: **Pipe Discharge Size:** **Estimated Yield:**

Casing Size: 2.00 **Depth Well:** 62 feet **Depth Water:**

HC 125258 S[illegible]

Revised December 1975

IMPORTANT — READ INSTRUCTIONS ON BACK BEFORE FILLING OUT THIS FORM.

Declaration of Owner of Underground Water Right

Rio Grande Undergroune Water Basin
BASIN NAME

n

Declaration No. RG-43845 Date received June 10, 1985

STATEMENT

1. Name of Declarant Irmgard Aragon
   Mailing Address 1424 LaMora Lane SW
   County of Bernalillo, State of N.M.
2. Source of water supply shallow
   (artesian or shallow water aquifer)
3. Describe well location under one of the following subheadings: Lot 7 Block D LaMora Acres
   a. ___ ¼ ___ ¼ ___ ¼ of Sec. 12 Twp. 9N Rge. 2E N.M.P.M., in ___ County.
   b. Tract No. ___ of Map No. 49 of the MRGCD
   c. X = ___ feet, Y = ___ feet, N. M. Coordinate System ___ Zone in the ___ Grant.
   On land owned by ___
4. Description of well: date drilled 1971 driller - depth 62 feet.
   outside diameter of casing 2 inches; original capacity unk. gal. per min.; present capacity unk. gal. per min.; pumping lift - feet; static water level - feet (above) (below) land surface;
   make and type of pump -
   make, type, horsepower, etc., of power plant 1/2
   Fractional or percentage interest claimed in well all
5. Quantity of water appropriated and beneficially used 3.0 (acre feet per acre) - (acre feet per annum) for domestic purposes.
6. Acreage actually irrigated 1.0 acres, located and described as follows (describe only lands actually irrigated):

Subdivision	Sec.	Twp.	Range	Acres Irrigated	Owner

(Note: location of well and acreage actually irrigated must be shown on plat on reverse side.)

7. Water was first applied to beneficial use 1971 (month / day / year) and since that time has been used fully and continuously on all of the above described lands or for the above described purposes except as follows:
   This document is to declare a well drilled (driven) without a permit
8. Additional statements or explanations ___

I, Irmgard Aragon being first duly sworn upon my oath, depose and say that the above is a full and complete statement prepared in accordance with the instructions on the reverse side of this form and submitted in evidence of ownership of a valid underground water right, that I have carefully read each and all of the items contained therein and that the same are true to the best of my knowledge and belief.

Irmgard Aragon, declarant.

by: ___

Subscribed and sworn to before me this 10th day of June, A.D. 19 85

My commission expires November 30, 1988

Rita Kay Sullivan Notary Public

OFFICIAL SEAL
RITA K. SULLIVAN
NOTARY PUBLIC - STATE OF NEW MEXICO
Notary Bond Filed with Secretary of State
My Commission Expires 11-30-88

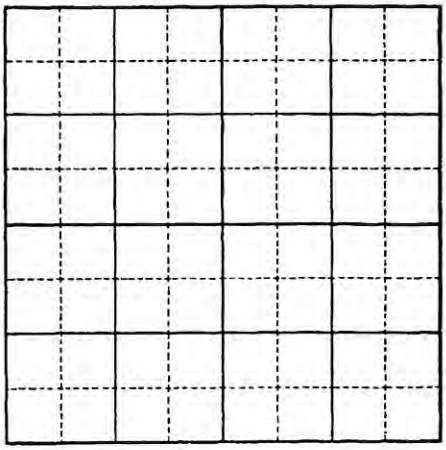
FILED
85 JUN 10 P 2:03
ALBUQUERQUE, N. MEX.
OFFICE

UNDER NEW MEXICO LAW A DECLARATION IS ONLY A STATEMENT OF CLAIMANT'S CLAIM. ACCEPTANCE FOR FILING DOES NOT CONSTITUTE APPROVAL OR REJECTION OF THE CLAIM.

544335

Locate well and areas actually irrigated as accurately as possible on following plat:

Section (s) _____, Township _____, Range _____, N. M. P. M.



INSTRUCTIONS

Declaration shall be executed (preferably typewritten) in triplicate and must be accompanied by a $1.00 filing fee. Each of triplicate copies must be properly signed and attested.

A separate declaration must be filed for each well in use.

All blanks shall be filled out fully. Required information which cannot be sworn to by declarant shall be supplied by affidavit of person or persons familiar with the facts and shall be submitted herewith.

Secs. 1-3. Complete all blanks.

Sec. 4. Fill out all blanks applicable as fully as possible.

used for domestic, municipal, or other purposes, state total quantity in acre feet used annually.

Sec. 6. Describe only the acreage actually irrigated. When necessary to clearly define irrigated acreages, describe to nearest 2½ acre subdivision. If located on unsurveyed lands, describe by legal supdivision "as projected" from the nearest government survey corners, or describe by metes and bounds and tie survey to some permanent, easily-located natural object.

Sec. 7. Explain and give dates as nearly as possible of any years when all or part of acreage claimed was not irrigated.

Sec. 8. If well irrigates or supplies supplemental water to any other land than that described above, or if land is also irrigated from any other source, explain under this section. Give any other data necessary to fully describe water right.

If additional space is necessary, use a separate sheet or sheets and attach securely hereto.

Locator Tool Report

General Information:

Application ID: 26 Date: 04-07-2014 Time: 11:43:56

WR File Number: RG-43845
Purpose: POINT OF DIVERSION

Applicant First Name: IRMGARD
Applicant Last Name: ARAGON

GW Basin: RIO GRANDE
County: BERNALILLO

Critical Management Area Name(s): WATERS USE ONLY: SUBBASIN - MRG
Special Condition Area Name(s): MRG ADMINISTRATIVE AREA
Land Grant Name: TOWN OF ATRISCO

PLSS Description (New Mexico Principal Meridian):

PLSS description is not available for this location.

Coordinate System Details:

Geographic Coordinates:

Latitude:	35 Degrees	1 Minutes	32.8 Seconds	N
Longitude:	106 Degrees	40 Minutes	44.2 Seconds	W

Universal Transverse Mercator Zone: 13N

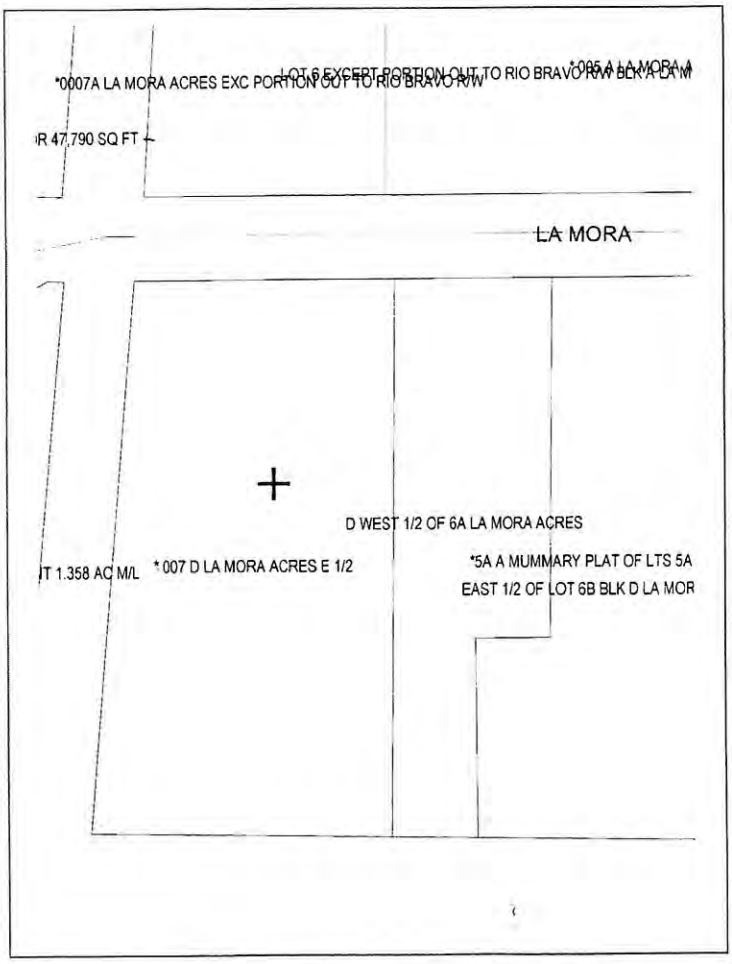
NAD 1983(92) (Meters)	N: 3,877,188	E: 346,834
NAD 1983(92) (Survey Feet)	N: 12,720,409	E: 1,137,904
NAD 1927 (Meters)	N: 3,876,984	E: 346,883
NAD 1927 (Survey Feet)	N: 12,719,740	E: 1,138,066

State Plane Coordinate System Zone: New Mexico Central

NAD 1983(92) (Meters)	N: 446,516	E: 460,858
NAD 1983(92) (Survey Feet)	N: 1,464,945	E: 1,511,999
NAD 1927 (Meters)	N: 446,497	E: 113,311
NAD 1927 (Survey Feet)	N: 1,464,882	E: 371,754

NEW MEXICO OFFICE OF STATE ENGINEER

Locator Tool Report



WR File Number: RG-43845 Scale: 1:1,214

Northing/Easting: UTM83(92) (Meter): N: 3,877,188 E: 346,834

Northing/Easting: SPCS83(92) (Feet): N: 1,464,945 E: 1,511,999

GW Basin: Rio Grande

New Mexico Office of the State Engineer

Active & Inactive Points of Diversion

(with Ownership Information)

(acre ft per annum) (R=POD has been replaced and no longer serves this file, C=the file is closed) (quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest) (NAD83 UTM in meters)

WR File Nbr	Sub basin	Use	Diversion	Owner	County	POD Number	Code	Grant	Source	q 64	q 16	q 4	Sec	Twn	Rng	X	Y
RG 70739		DOM	3	GERALD MORAGA	BE	RG 70739		TOWN OF ATRISCO	Shallow	4	4	4	22	09N	02E	346879	3877269

Record Count: 1

POD Search:

POD Number: RG 70739

Sorted by: File Number

New Mexico Office of the State Engineer
Water Right Summary

get image list

WR File Number: RG 70739 **Subbasin:** - **Cross Reference:** -

Primary Purpose: DOM 72-12-1 DOMESTIC ONE HOUSEHOLD

Primary Status: PMT PERMIT

Total Acres: **Subfile:** -

Total Diversion: 3 **Cause/Case:** -

Owner: GERALD MORAGA

Documents on File

	Trn #	Doc	File/Act	Status 1	Status 2	Transaction Desc.	From/ To	Acres	Diversion	Consumptive
get images	211310	72121	2001-06-21	PMT	LOG	RG 70739	T		3	
get images	155599	72121	1998-09-30	EXP	EXP	RG 70739	T		3	

Current Points of Diversion

(NAD83 UTM in meters)

POD Number	Source	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Other Location Desc
RG 70739	Shallow	4	4	4	22	09N	02E	346880	3877269	PROJ SEC, TWS, RNG

New Mexico Office of the State Engineer
Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters)

POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
RG 70739	4	4	4	22	09N	02E	346880	3877269

Driller License: 225 **Driller Company:** RODGERS & CO., INC.
Driller Name: BRAD KNOWLTON

Drill Start Date: 11/10/1998 **Drill Finish Date:** 11/11/1998 **Plug Date:**
Log File Date: 05/25/2000 **PCW Rcv Date:** **Source:** Shallow
Pump Type: **Pipe Discharge Size:** **Estimated Yield:** 40 GPM
Casing Size: 4.50 **Depth Well:** 409 feet **Depth Water:** 17 feet

Water Bearing Stratifications:	Top	Bottom	Description
	385	409	Other/Unknown

Casing Perforations:	Top	Bottom
	389	409

STATE ENGINEER OFFICE

WELL RECORD

Revised June 1972

155599

Section 1. GENERAL INFORMATION

(A) Owner of well Gerald Moraga — Owner's Well No.

Street or Post Office Address 1429 La Mora SW

City and State Albuquerque, NM 87105

01 MAY 25 PM 1 17

Well was drilled under Permit No. RG 70739 and is located in the:

a. SE 1/4 SE 1/4 SE 1/4 1/4 of Section 22 Township 09N Range 02E N.M.P.M.

b. Tract No _____ of Map No. _____ of the _____

c. Lot No. _____ of Block No _____ of the _____
Subdivision recorded in Bernalillo County.

d. X= _____ feet, Y= _____ feet, N.M. Coordinate System _____ Zone in the _____ Grant.

(B) Drilling Contractor **Rodgers & Co., INC.** License No. **WD 225**

Address **2615 Isleta Blvd. SW, Albuquerque, NM 87105**

Drilling Began 11-10-98 Completed 11-11-98 Type tools _____ Size of hole _____ in.

Elevation of land surface or _____ at well is _____ ft. Total depth of well 409' ft.

Completed well is [X] shallow [ ] artesian. Depth to water upon completion of well 17' ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet From	Depth in Feet To	Thickness In Feet	Description of Water Bearing Formation	Estimated Yield (gallons per minute)
385'	415'		Sand	40

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet Top	Depth in Feet Bottom	Length (feet)	Type of Shoe	Perforations From	Perforations To
4 1/2 OD			2'	409'		none	389'	409'

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet From	Depth in Feet To	Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement

00 MAY 25 PM 1:09

Section 5. PLUGGING RECORD

Plugging Contractor _____

Address _____

Plugging Method _____

Date Well Plugged _____

Plugging Approved By: _____

State Engineer Representative

No.	Depth in Feet Top	Depth in Feet Bottom	Cubic Feet of Cement
1			
2			
3			
4			

✓

FOR USE OF STATE ENGINEER ONLY

Date Received 5-25-00 Quad _____ FWL _____ FSL _____

File No. RG 70739 Use DOM Location No. 09N.02E.22.444

Section 6. **Log of Hole**

Depth in Feet		Thickness	Color and Type of Material Encountered
From	To	in Feet	
Surface	13		Sand
13	90		sand and gravel
90	125		Sand
125	130		Brown Clay
130	200		Sand
200	207		Tan clay
207	250		Sand
250	264		Tan clay
264	347		Sand
347	362		Tan clay
362	372		Sand
372	375		Red clay
375	380		Sand
380	385		Red clay
385	415		Sand

Section 7. **REMARKS AND ADDITIONAL INFORMATION**

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

Brad Knowlton/ Brad Knowlton
Driller

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the appropriate district office of the State Engineer. All sections, except Section 5, shall be answered as completely and accurately as possible when any well is drilled, repaired, or deepened. When this form is used as a plugging record, only Section 5 need be completed.

New Mexico Office of the State Engineer

Active & Inactive Points of Diversion

(with Ownership Information)

(R=POD has been replaced and no longer serves this file, C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(acre ft per annum)

(NAD83 UTM in meters)

WR File Nbr	Sub basin	Use	Diversion	Owner	County	POD Number	Code	Grant	Source	q q q 64 16 4	Sec	Twn	Rng	X	Y
RG 38455	MRG	DOM	3	PHOEBE HAFELY	BE	RG 38455 POD1		TOWN OF ATRISCO	Shallow		12	09N	02E	346829	3876996

Record Count: 1

POD Search:

POD Number: RG 38455

Sorted by: File Number

New Mexico Office of the State Engineer
Water Right Summary

get image list

WR File Number: RG 38455 **Subbasin:** MRG **Cross Reference:** -

Primary Purpose: DOM 72-12-1 DOMESTIC ONE HOUSEHOLD

Primary Status: PMT PERMIT

Total Acres: **Subfile:** -

Total Diversion: 3 **Cause/Case:** -

Owner: PHOEBE HAFELY

Documents on File

	Trn #	Doc	File/Act	Status 1	Status 2	Transaction Desc.	From/ To	Acres	Diversion	Consumptive
get images	525393	72121	1982-07-29	PMT	LOG	RG 38455 POD1	T		3	

Current Points of Diversion

(NAD83 UTM in meters)

POD Number	Source	Q Q Q 64 16 4	Sec	Tws	Rng	X	Y	Other Location Desc
RG 38455 POD1	Shallow		12	09N	02E	346830	3876996	

New Mexico Office of the State Engineer
Point of Diversion Summary

POD Number	(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest) Q64 Q16 Q4	Sec	Tws	Rng	(NAD83 UTM in meters) X	Y
RG 38455 POD1		12	09N	02E	346830	3876996

Driller License: 225 **Driller Company:** RODGERS & CO., INC.

Driller Name: RICHARD BONAGUIDI

Drill Start Date:	07/30/1982	**Drill Finish Date:**	07/30/1982	**Plug Date:**	
Log File Date:	08/23/1982	**PCW Rcv Date:**		**Source:**	Shallow
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	80 GPM
Casing Size:	4.50	**Depth Well:**	110 feet	**Depth Water:**	11 feet

Water Bearing Stratifications:	Top	Bottom	Description
	95	110	Sandstone/Gravel/Conglomerate

Casing Perforations:	Top	Bottom
	105	110

Revised June 1972

STATE ENGINEER OFFICE

WELL RECORD

STATE ENGINEER
SANTA FE, N.M.

'82 AUG 27 PM 1 22

Section 1. GENERAL INFORMATION

(A) Owner of well Phoebe Hafely Owner's Well No. _____

Street or Post Office Address 1421 Tabacco Road S.W.

City and State Albuquerque, New Mexico 87105

Well was drilled under Permit No. RG-38455 and is located in the: 525393

a. _____ ¼ _____ ¼ _____ ¼ _____ ¼ of Section _____ Township _____ Range _____ N.M.P.M.

b. Tract No. _____ of Map No. _____ of the _____

c. Lot No. 004 of Block No. 001 of the Tabacco Farms Subdivision
Subdivision, recorded in Bernalillo County.

d. X= _____ feet, Y= _____ feet, N.M. Coordinate System _____ Zone in the _____ Grant.

(B) Drilling Contractor Rodgers & Company, Inc. License No. WD-225

Address 2615 Isleta Blvd. S.W. Albuquerque, New Mexico 87105

Drilling Began 7/30/82 Completed 7/30/82 Type tools _____ Size of hole _____ in.

Elevation of land surface or _____ at well is _____ ft. Total depth of well 110' ft.

Completed well is XX shallow ☐ artesian. Depth to water upon completion of well 11' ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet From	Depth in Feet To	Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
95'	110'		Coarse sand	80 gpm

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet Top	Depth in Feet Bottom	Length (feet)	Type of Shoe	Perforations From	Perforations To
4½" O.D.			+18"	110'	111½'	NONE	105'	110'

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet From	Depth in Feet To	Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement

STATE ENGINEER OFFICE
DISTRICT I
ALBUQUERQUE, N. MEX.
82 AUG 23 AM 10:53

Section 5. PLUGGING RECORD

Plugging Contractor _____

Address _____

Plugging Method _____

Date Well Plugged _____

Plugging approved by: _____
State Engineer Representative

No.	Depth in Feet Top	Depth in Feet Bottom	Cubic Feet of Cement
1			
2			
3			
4			

FOR USE OF STATE ENGINEER ONLY

Date Received 8/23/82

Quad _____ FWL _____ FSL _____

File No. RG-38455 Use Dom Location No. Lot 4 Blk 1 Tabacco Farms Subdiv (Bern)

Section 6. LOG OF HOLE

Depth in Feet From	Depth in Feet To	Thickness in Feet	Color and Type of Material Encountered
0'	5'		Clay
5'	18'		Sand
18'	56'		Coarse gravel
56'	68'		Clay
68'	95'		Layers of cemented sand and clay
95'	110'		Coarse sand

Section 7. REMARKS AND ADDITIONAL INFORMATION

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

Richard Bonaguidi
Driller

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the appropriate district office of the State Engineer. All sections, except Section 5, shall be answered as completely and accurately as possible when any well is drilled, repaired or deepened. When this [redacted] is used as a plugging record, only Section 1 [redacted] Section 5 need be completed.

New Mexico Office of the State Engineer

Active & Inactive Points of Diversion

(with Ownership Information)

(R=POD has been replaced and no longer serves this file, C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest)

(acre ft per annum)

(NAD83 UTM in meters)

WR File Nbr	Sub basin	Use	Diversion	Owner	County	POD Number	Code	Grant	Source	q q q 64 16 4	Sec	Twn	Rng	X	Y
RG 24742	MRG	DOM	3	TED THOMPSON	BE	RG 24742 POD1		TOWN OF ATRISCO	Shallow		12	09N	02E	346891	3877271
					BE	RG 24742 POD2		TOWN OF ATRISCO	Shallow		12	09N	02E	347085	3877178

Record Count: 2

POD Search:

POD Number: RG 24742

Sorted by: File Number

New Mexico Office of the State Engineer
Water Right Summary

get image list

WR File Number: RG 24742 **Subbasin:** MRG **Cross Reference:** -

Primary Purpose: DOM 72-12-1 DOMESTIC ONE HOUSEHOLD

Primary Status: PMT PERMIT

Total Acres: **Subfile:** -

Total Diversion: 3 **Cause/Case:** -

Owner: TED THOMPSON

Documents on File

	Trn #	Doc	File/Act	Status 1	Status 2	Transaction Desc.	From/ To	Acres	Diversion	Consumptive
get images	446506	72121	1976-06-17	PMT	LOG	RG 24742 X POD2	T		3	
get images	446504	72121	1974-04-10	PMT	LOG	RG 24742 POD1	T		3	

Current Points of Diversion

(NAD83 UTM in meters)

POD Number	Source	Q Q Q 64 16 4	Sec	Tws	Rng	X	Y	Other Location Desc
RG 24742 POD1	Shallow		12	09N	02E	346892	3877271	1316 LA MORA SW ALB NM
RG 24742 POD2	Shallow		12	09N	02E	347085	3877178	1314 LA MORA SW ALB NM

New Mexico Office of the State Engineer
Point of Diversion Summary

POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
RG 24742 POD1				12	09N	02E	346892	3877271

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest)
(NAD83 UTM in meters)

Driller License:	225	**Driller Company:**	RODGERS & CO., INC.		
Driller Name:	APAO, LYTA				
Drill Start Date:		**Drill Finish Date:**	04/11/1974	**Plug Date:**	
Log File Date:	04/19/1974	**PCW Rcv Date:**		**Source:**	Shallow
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	
Casing Size:	2.00	**Depth Well:**	28 feet	**Depth Water:**	6 feet

Revised June 1972

STATE ENGINEER OFFICE

WELL RECORD

446504

Section 1. GENERAL INFORMATION

(A) Owner of well Ted Thompson Owner's Well No. _____
Street or Post Office Address 1316 La Mora , S.W.
City and State ABQ., N.M.

Well was drilled under Permit No. 24742 and is located in the:

a. _____ ¼ _____ ¼ _____ ¼ _____ ¼ of Section _____ Township _____ Range _____ N.M.P.M.

b. Tract No. _____ of Map No. _____ of the _____

c. Lot No. _____ of Block No. _____ of the _____
Subdivision, recorded in _____ County.

d. X= _____ feet, Y= _____ feet, N.M. Coordinate System _____ Zone in the _____ Grant.

(B) Drilling Contractor _____ License No. _____

Address _____

Drilling Began _____ Completed 4-11-74 Type tools _____ Size of hole _____ in.

Elevation of land surface or _____ at well is _____ ft. Total depth of well _____ ft.

Completed well is ☒ shallow ☐ artesian. Depth to water upon completion of well 6 ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet From	Depth in Feet To	Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)

1974 JUN -4 AM 11:51
STATE ENGINEER OFFICE
SANTA FE, N.M.

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet Top	Depth in Feet Bottom	Length (feet)	Type of Shoe	Perforations From	Perforations To
Driven 2" in diameter and 28' deep								
Rodgers & Co., Inc. WD-225								
By L Lyon								

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet From	Depth in Feet To	Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement

Section 5. PLUGGING RECORD

Plugging Contractor _____
Address _____
Plugging Method _____
Date Well Plugged _____
Plugging approved by:
_____
State Engineer Representative

No.	Depth in Feet Top	Depth in Feet Bottom	Cubic Feet of Cement
1			
2			
3			
4			

FOR USE OF STATE ENGINEER ONLY

Date Received

Quad _____ FWL _____ FSL _____

File No. RG-24742 Use Dom Location No. Lot 6 81 A La Mora Acres Bernalillo

Section 6. LOG OF HOLE

Depth in Feet		Thickness in Feet	Color and Type of Material Encountered
From	To		

Section 7. REMARKS AND ADDITIONAL INFORMATION

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

Driller

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the appropriate district office of the State Engineer. All sections, except Section 5, shall be answered as completely and accurately as possible when any well is drilled, repaired or deepened. When this form is used as a plugging record, only Section 1(a) and Section 5 need be completed.

New Mexico Office of the State Engineer

Active & Inactive Points of Diversion

(with Ownership Information)

(R=POD has been replaced and no longer serves this file, C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

(acre ft per annum)

WR File Nbr	Sub basin	Use	Diversion	Owner	County	POD Number	Code	Grant	Source	q q q 64 16 4	Sec	Twn	Rng	X	Y
RG 77949		DOM	0	LOUIE J. ARAGON	BE	RG 77949		TOWN OF ATRISCO			12	09N	02E	346876	3877040

Record Count: 1

POD Search:

POD Number: RG 77949

Sorted by: File Number

New Mexico Office of the State Engineer
Water Right Summary

get image list

WR File Number: RG 77949 **Subbasin:** - **Cross Reference:** -

Primary Purpose: DOM 72-12-1 DOMESTIC ONE HOUSEHOLD

Primary Status: EXP EXPIRED

Total Acres: **Subfile:** -

Total Diversion: 0 **Cause/Case:** -

Owner: LOUIE J. ARAGON

Documents on File

Trn #	Doc	File/Act	Status 1	Status 2	Transaction Desc.	From/ To	Acres	Diversion	Consumptive
get images 230202	72121	2002-05-15	EXP	EXP	RG 77949	T			3

Current Points of Diversion

(NAD83 UTM in meters)

POD Number	Source	Q Q Q 64 16 4	Sec	Tws	Rng	X	Y	Other Location Desc
RG 77949			12	09N	02E	346877	3877040	MAP P-12-Z BERN CTY ZONE ATLAS

New Mexico Office of the State Engineer
Point of Diversion Summary

POD Number	(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest) Q64 Q16 Q4	Sec	Twp	Rng	(NAD83 UTM in meters) X	Y
RG 77949		12	09N	02E	346877	3877040

Driller License:
Driller Company:
Driller Name: HAND DRIVEN

Drill Start Date:
Drill Finish Date:
Plug Date:
Log File Date:
PCW Rcv Date:
Source:
Pump Type:
Pipe Discharge Size:
Estimated Yield:
Casing Size: 2.00
Depth Well: 40 feet
Depth Water:

New Mexico Office of the State Engineer

Active & Inactive Points of Diversion

(with Ownership Information)

(R=POD has been replaced and no longer serves this file, C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

(acre ft per annum)

WR File Nbr	Sub basin	Use	Diversion	Owner	County	POD Number	Code	Grant	Source	q q q 64 16 4	Sec	Twn	Rng	X	Y
RG 78486	MRG	DOM	0	GLORIA CASTRO	BE	RG 78486		TOWN OF ATRISCO			12	09N	02E	346759	3877438

Record Count: 1

POD Search:

POD Number: RG 78486

Sorted by: File Number

New Mexico Office of the State Engineer
Water Right Summary

get image list

WR File Number: RG 78486 **Subbasin:** MRG **Cross Reference:** -

Primary Purpose: DOM 72-12-1 DOMESTIC ONE HOUSEHOLD

Primary Status: EXP EXPIRED

Total Acres: **Subfile:** -

Total Diversion: 0 **Cause/Case:** -

Owner: GLORIA CASTRO

Documents on File

	Trn #	Doc	File/Act	Status 1	Status 2	Transaction Desc.	From/ To	Acres	Diversion	Consumptive
get images	235453	72121	2002-07-12	EXP	EXP	RG 78486	T			3

Current Points of Diversion

(NAD83 UTM in meters)

POD Number	Source	Q Q Q 64 16 4	Sec	Tws	Rng	X	Y	Other Location Desc
RG 78486			12	09N	02E	346760	3877438	PROJECTED SEC, TWN, & RNG

New Mexico Office of the State Engineer
Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters)

POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
RG 78486				12	09N	02E	346760	3877438

Driller License: **Driller Company:**

Driller Name: NOT CONTRACTED

Drill Start Date:	**Drill Finish Date:**	**Plug Date:**
Log File Date:	**PCW Rcv Date:**	**Source:**
Pump Type:	**Pipe Discharge Size:**	**Estimated Yield:**
Casing Size: 7.00	**Depth Well:**	**Depth Water:**

New Mexico Office of the State Engineer

Active & Inactive Points of Diversion

(with Ownership Information)

(R=POD has been replaced and no longer serves this file, C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

(acre ft per annum)

WR File Nbr	Sub basin	Use	Diversion	Owner	County	POD Number	Code	Grant	Source	q q q 64 16 4	Sec	Twn	Rng	X	Y
RG 51016	MRG	DOM	3	MARIANO GARCIA	BE	RG 51016 POD1		TOWN OF ATRISCO	Shallow		12	09N	02E	346698	3876877

Record Count: 1

POD Search:

POD Number: RG 51016

Sorted by: File Number

New Mexico Office of the State Engineer
Water Right Summary

get image list

WR File Number: RG 51016 **Subbasin:** MRG **Cross Reference:** -

Primary Purpose: DOM 72-12-1 DOMESTIC ONE HOUSEHOLD

Primary Status: PMT PERMIT

Total Acres: **Subfile:** -

Total Diversion: 3 **Cause/Case:** -

Owner: MARIANO GARCIA

Documents on File

	Trn #	Doc	File/Act	Status 1	Status 2	Transaction Desc.	From/ To	Acres	Diversion	Consumptive
get images	565910	72121	1989-06-22	PMT	LOG	RG 51016 POD1	T		3	

Current Points of Diversion

(NAD83 UTM in meters)

POD Number	Source	Q Q Q 64 16 4	Sec	Tws	Rng	X	Y	Other Location Desc
RG 51016 POD1	Shallow		12	09N	02E	346698	3876877	3620 SANTA ANITA SW

New Mexico Office of the State Engineer
Point of Diversion Summary

POD Number	Q64	Q16	Q4	Sec	Twp	Rng	X	Y
RG 51016 POD1				12	09N	02E	346698	3876877

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest)
(NAD83 UTM in meters)

Driller License:	225	**Driller Company:**	RODGERS & CO., INC.		
Driller Name:	TALBOT, KEN				
Drill Start Date:	06/26/1989	**Drill Finish Date:**	06/26/1989	**Plug Date:**	
Log File Date:	07/24/1989	**PCW Rcv Date:**		**Source:**	Shallow
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	
Casing Size:	2.00	**Depth Well:**	39 feet	**Depth Water:**	6 feet

Revised June 1972

STATE ENGINEER OFFICE

WELL RECORD

Section 1. GENERAL INFORMATION 89 AUG 25 AM : 39

(A) Owner of well Mariano Garcia Owner's Well No. _____

Street or Post Office Address 3620 Santa Anita SW

City and State Albuq., N.M. 87105

STATE ENGINEER SANTA FE, NEW MEXICO

Well was drilled under Permit No. [redacted] and is located in the:

a. _____ ¼ _____ ¼ _____ ¼ _____ ¼ of Section 12 Township 9N Range 2E N.M.P.M.

b. Tract No. _____ of Map No. 49 of the MRGCD

c. Lot No. 6 of Block No. B E of the El Porvenir Subdivision, recorded in Bernalillo County.

d. X= _____ feet, Y= _____ feet, N.M. Coordinate System _____ Zone in the _____ Grant.

(B) Drilling Contractor Rodgers & Co., INC. License No. WD 225

Address 2615 Isleta Blvd. SW., Albuq., N.M. 87105

Drilling Began 6/26/87 Completed 6/26/89 Type tools _____ Size of hole _____ in.

Elevation of land surface or _____ at well is _____ ft. Total depth of well 38'6" ft.

Completed well is ☒ shallow ☐ artesian. Depth to water upon completion of well 6'4" ft.

Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet From	Depth in Feet To	Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)

Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet Top	Depth in Feet Bottom	Length (feet)	Type of Shoe	Perforations From	Perforations To
2" driven well	with the total	depth of	38'6"					
Rodgers & Co.,	Inc.	WD 225						
By: Ken Jallett								

Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet From	Depth in Feet To	Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement

89 JUL 24 AM : 50
STATE ENGINEER OFFICE DISTRICT I ALBUQUERQUE, N. MEX.

Section 5. PLUGGING RECORD

Plugging Contractor _____

Address _____

Plugging Method _____

Date Well Plugged _____

Plugging approved by:

_____ State Engineer Representative

No.	Depth in Feet Top	Depth in Feet Bottom	Cubic Feet of Cement
1			
2			
3			
4			

FOR USE OF STATE ENGINEER ONLY

565910

Date Received July 24, 1989

Quad _____ FWL _____ FSL _____

File No. RG-51016 Use dom Location No. Lot 6 Blk B El Porvenir (Bern)

Section 6. LOG OF HOLE

Depth in Feet		Thickness in Feet	Color and Type of Material Encountered
From	To		

Section 7. REMARKS AND ADDITIONAL INFORMATION

The undersigned hereby certifies that, to the best of his knowledge and belief, the foregoing is a true and correct record of the above described hole.

Driller

INSTRUCTIONS: This form should be executed in triplicate, preferably typewritten, and submitted to the appropriate district office of the State Engineer. All sections, except Section 5, shall be answered as completely and accurately as possible when any well is drilled, repaired or deepened. When this [redacted]sed as a plugging record, only Section 1([redacted]ction 5 need be completed.

New Mexico Office of the State Engineer

Active & Inactive Points of Diversion

(with Ownership Information)

(R=POD has been replaced and no longer serves this file, C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(acre ft per annum)

(NAD83 UTM in meters)

WR File Nbr	Sub basin	Use	Diversion	Owner	County	POD Number	Code	Grant	Source	q 64	q 16	q 4	Sec	Twn	Rng	X	Y
RG 85685	MRG	MUL	3	SYLVIA M. STAKVEL	BE	RG 85685		TOWN OF ATRISCO	Shallow				12	09N	02E	346352	3877236
					BE	RG 85685 X		TOWN OF ATRISCO	Shallow				12	09N	02E	346352	3877236

Record Count: 2

POD Search:

POD Number: RG 85685

Sorted by: File Number

New Mexico Office of the State Engineer
Water Right Summary

get image list

WR File Number: RG 85685 **Subbasin:** MRG **Cross Reference:** -

Primary Purpose: MUL 72-12-1 MULTIPLE DOMESTIC HOUSEHOLDS

Primary Status: PMT PERMIT

Total Acres: **Subfile:** -

Total Diversion: 3 **Cause/Case:** -

Owner: SYLVIA M. STAKVEL

Owner: PATRICIA M. JONES

Documents on File

	Trn #	Doc	File/Act	Status 1	Status 2	Transaction Desc.	From/ To	Acres	Diversion	Consumptive
get images	337253	72121	2005-07-22	PMT	APR	RG 85685 X	T		3	
get images	337244	72121	2005-07-22	PMT	APR	RG 85685	T		3	

Current Points of Diversion

(NAD83 UTM in meters)

POD Number	Source	Q 64	Q16	Q4	Sec	Tws	Rng	X	Y	Other Location Desc
RG 85685	Shallow				12	09N	02E	346353	3877236	
RG 85685 X	Shallow				12	09N	02E	346353	3877236	

3/27/17 2:27 PM

WATER RIGHT SUMMARY

New Mexico Office of the State Engineer
Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters)

POD Number	Q64	Q16	Q4	Sec	Twp	Rng	X	Y
RG 85685				12	09N	02E	346353	3877236

Driller License: **Driller Company:**

Driller Name: UNKNOWN

Drill Start Date: **Drill Finish Date:** **Plug Date:**

Log File Date: **PCW Rcv Date:** **Source:** Shallow

Pump Type: **Pipe Discharge Size:** **Estimated Yield:**

Casing Size: 2.00 **Depth Well:** **Depth Water:**

Meter Number: 11625 **Meter Make:**

Meter Serial Number: **Meter Multiplier:** 1.0000

Number of Dials: 6 **Meter Type:** Diversion

Unit of Measure: Gallons **Return Flow Percent:**

Usage Multiplier: **Reading Frequency:** Quarterly

New Mexico Office of the State Engineer
Water Right Summary

get image list

WR File Number: RG 85685 **Subbasin:** MRG **Cross Reference:** -

Primary Purpose: MUL 72-12-1 MULTIPLE DOMESTIC HOUSEHOLDS

Primary Status: PMT PERMIT

Total Acres: **Subfile:** -

Total Diversion: 3 **Cause/Case:** -

Owner: SYLVIA M. STAKVEL

Owner: PATRICIA M. JONES

Documents on File

	Trn #	Doc	File/Act	Status 1	Status 2	Transaction Desc.	From/ To	Acres	Diversion	Consumptive
get images	337253	72121	2005-07-22	PMT	APR	RG 85685 X	T			3
get images	337244	72121	2005-07-22	PMT	APR	RG 85685	T			3

Current Points of Diversion

(NAD83 UTM in meters)

POD Number	Source	Q Q Q 64 16 4	Sec	Tws	Rng	X	Y	Other Location Desc
RG 85685	Shallow		12	09N	02E	346353	3877236	
RG 85685 X	Shallow		12	09N	02E	346353	3877236	

New Mexico Office of the State Engineer
Point of Diversion Summary

POD Number	Q64	Q16	Q4	Sec	Twn	Rng	X	Y
RG 85685 X				12	09N	02E	346353	3877236

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest)
(NAD83 UTM in meters)

Driller License:
Driller Company:
Driller Name: UNKNOWN

Drill Start Date:
Drill Finish Date:
Plug Date:
Log File Date:
PCW Rcv Date:
Source: Shallow
Pump Type:
Pipe Discharge Size:
Estimated Yield:
Casing Size: 2.00
Depth Well:
Depth Water:

Meter Number: 11626
Meter Make:
Meter Serial Number:
Meter Multiplier: 1.0000
Number of Dials: 6
Meter Type: Diversion
Unit of Measure: Gallons
Return Flow Percent:
Usage Multiplier:
Reading Frequency: Quarterly

New Mexico Office of the State Engineer

Active & Inactive Points of Diversion

(with Ownership Information)

(R=POD has been replaced and no longer serves this file, C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

(acre ft per annum)

WR File Nbr	Sub basin	Use	Diversion	Owner	County	POD Number	Code	Grant	Source	q q q 64 16 4	Sec	Twn	Rng	X	Y
RG 43865	MRG	DOM	3	MICHAEL J. RICHARD	BE	RG 43865 POD1	R	TOWN OF ATRISCO	Shallow		12	09N	02E	346949	3877171
					BE	RG 43865 POD2		TOWN OF ATRISCO	Shallow		12	09N	02E	346949	3877155

Record Count: 2

POD Search:

POD Number: RG 43865

Sorted by: File Number

New Mexico Office of the State Engineer
Water Right Summary

get image list

WR File Number: RG 43865 **Subbasin:** MRG **Cross Reference:** -
Primary Purpose: DOM 72-12-1 DOMESTIC ONE HOUSEHOLD
Primary Status: PMT PERMIT
Total Acres: **Subfile:** -
Total Diversion: 3 **Cause/Case:** -
Owner: MICHAEL J. RICHARD

Documents on File

	Trn #	Doc	File/Act	Status 1	Status 2	Transaction Desc.	From/ To	Acres	Diversion	Consumptive
get images	544599	72121	1986-06-13	PMT	LOG	RG 43865 CLW POD2	T		3	
get images	544598	DCL	1985-06-13	DCL	PRC	RG 43865	T	0	3	

Current Points of Diversion

(NAD83 UTM in meters)

POD Number	Source	Q 64	Q16	Q4	Sec	Tws	Rng	X	Y	Other Location Desc
RG 43865 POD2	Shallow				12	09N	02E	346950	3877155	* AND LOT 5B

Place of Use

Q 256	Q 64	Q16	Q4	Sec	Tws	Rng	Acres	Diversion	CU	Use	Priority	Status	Other Location Desc
				12	09N	02E	0	3		PDM		DCL	

Source

Acres	Diversion	CU	Use	Priority	Source	Description
0	3		PDM		GW	

3/27/17 2:29 PM

WATER RIGHT SUMMARY

New Mexico Office of the State Engineer

Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest)

POD Number	Q64	Q16	Q4	Sec	Tws	Rng	(NAD83 UTM in meters) X	Y
RG 43865 POD1				12	09N	02E	346949	3877171

Driller License: 122 **Driller Company:** UNKNOWN

Driller Name:

Drill Start Date: **Drill Finish Date:** **Plug Date:**

Log File Date: **PCW Rcv Date:** **Source:** Shallow

Pump Type: **Pipe Discharge Size:** **Estimated Yield:**

Casing Size: 3.00 **Depth Well:** 50 feet **Depth Water:**

New Mexico Office of the State Engineer

Point of Diversion Summary

POD Number	(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest) Q64	Q16	Q4	Sec	Tws	Rng	(NAD83 UTM in meters) X	Y
RG 43865 POD2				12	09N	02E	346950	3877155

Driller License:	225	**Driller Company:**	RODGERS & CO., INC.		
Driller Name:	MILLER, DOUG				
Drill Start Date:	05/28/1986	**Drill Finish Date:**	05/28/1986	**Plug Date:**	
Log File Date:	08/01/1986	**PCW Rcv Date:**		**Source:**	Shallow
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	
Casing Size:	2.00	**Depth Well:**	46 feet	**Depth Water:**	5 feet