GROUNDWATER MONITORING, PLUME DELINEATION, & NAPL RECOVERY REPORT FAIRVIEW STATION PSTB FACILITY #28779 1626 NORTH RIVERSIDE DRIVE ESPANOLA, NEW MEXICO

Prepared by:

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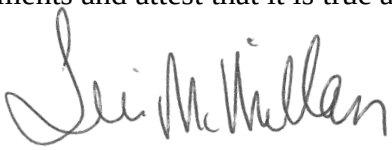
September 2016

EA Project No. 6289821 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: 

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I. INTRODUCTION

EA Engineering, Science, and Technology, Inc., PBC (EA) has completed the groundwater monitoring, plume delineation, and NAPL recovery event at Fairview Station (Site) located at 1626 North Riverside Drive, Espanola, New Mexico. The groundwater monitoring, plume delineation, and NAPL recovery event was completed under state-lead contract #14-667-2000-0030 and in accordance with the *Work Plan for, Access, Groundwater Monitoring, Plume Delineation, and NAPL Recovery, Fairview Station, Espanola, New Mexico* prepared by EA to satisfy the requirements stated in the New Mexico Administrative Code, Title 20, Chapter 5, Section 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 May 17, 2016 under work plan identification number (WPID# 3862). This is the first deliverable under WPID #3862-1.

The Site is located at 1626 North Riverside Drive, Espanola, New Mexico (Figure 1). The site operated as a gasoline service station from the 1970s until the underground storage tanks (USTs) were removed in July 2012. The Site was temporarily closed from December 1988 to August 1989 due to a UST system replacement. After the original UST system was removed in December 1988, no release was reported. In July 2012, three USTs, associated piping, and dispensers were removed; field observations indicated a release had occurred. On August 6, 2012, the NMED issued a confirmed release letter to the property owner, Mr. José C. Roybal. Since then, field activities have been conducted including the installation of 14 groundwater monitoring wells, groundwater sampling, and NAPL recovery. On April 28, 2015, NMED designated the Site as State Lead Status. The Site is located south of a second possible release site which currently is occupied by a Dairy Queen, and the NAPL and dissolved phase plumes may be comingled.

During this monitoring event the following was completed:

- On July 11 through 14, 2016, seven groundwater monitoring wells were installed and developed (MW-15 through MW-21);
- Three soil samples were collected from each boring: one from the interval with the highest photoionization detector (PID) measurement in the vadose zone, one at the air/water interface, and one from the total depth. The samples were analyzed for volatile organic compounds (VOCs) by Environmental Protection Agency (EPA) Method 8260B, and one soil sample was collected from the soil cuttings for waste characterization and analyzed for BTEX by EPA Method 8021, TPH (full range) by EPA method 8015B, and total lead by EPA Method 6010.
- Fluid levels in all wells were measured. NAPL was present in wells MW-1, MW-2, MW-3, MW-6, MW-8 through MW-11, MW-14 and MW-15.
- Groundwater samples were collected from four existing monitoring wells (MW-4, MW-5, MW-7, and MW-13) and the seven newly installed wells and analyzed for VOCs by EPA Method 8260B.
- NAPL was hand bailed from wells MW-1, MW-2, MW-3, MW-6, MW-8, MW-9, MW-11, MW-14 and MW-15.

- Passive skimmers were placed in wells MW-1, MW-2, MW-3, MW-8, and MW-11 after hand bailing NAPL.
- Absorbent socks were placed in wells MW-6, MW-9, MW-10, and MW-14 after hand bailing NAPL.
- All new and existing wells were surveyed.

This report summarizes the results of the groundwater monitoring and NAPL recovery event.

II. ACTIVITIES PERFORMED DURING THIS EVENT

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

A. Brief Description of Remediation System and Date Installed

A summary of recent corrective action activities conducted at the Site follows:

- July 2012, UST system removed from Site;
- August 6, 2012, confirmed release letter issued;
- March 12, 2013, Terracon submitted Minimum Site Assessment (MSA) Report to NMED;
- December 23, 2013, Terracon submitted Addendum MSA Report to NMED;
- October 13, 2014, Terracon submitted a second Addendum MSA Report to NMED;
- January 19, 2015, Terracon submitted Groundwater Monitoring Report to NMED;
- April 28, 2015, NMED designated the Site as State Lead Status;
- October 13, 2015, NMED approves EA's work plan to conduct groundwater monitoring and NAPL recovery;
- January 2016, EA conducted groundwater monitoring and NAPL recovery at the Site;
- July 2016, EA installed seven additional monitoring wells, conducted groundwater monitoring and NAPL recovery;
- Groundwater monitoring and NAPL recovery is currently being conducted.

B. Description of Activities Performed to Keep System Operating Properly

Currently, no active remediation activities are taking place at the site.

C. Monitoring Activities Performed

Access

Prior to conducting field activities, access was obtained from property owners to install seven additional monitoring wells at the Site and surrounding properties. Also, access was obtained for well MW-13; however, access has still not been granted for well MW-12.

Drilling and Monitoring Well Installation

On July 11 through 14, 2016, seven borings/monitoring wells (MW-15 through MW-21) were installed at the site. The borings were advanced using the hollow stem auger drilling method. During drilling, EA collected soil samples every 5 feet with a 2-foot split spoon sampler. Soil samples were described by a geologist using the Unified Soil Classification System (USCS). Soil samples collected from the borings indicate that the subsurface lithology beneath the site

consists of silty to clayey sands from the surface to approximately 10 feet below ground surface (ft bgs) followed by clay to approximately 20 to 25 ft bgs. The clay is underlain by well graded gravel to the total depth of 27 ft bgs. Cross-sections were prepared using the new borings/monitoring wells (Figures 2, 3, and 4), and the boring logs are presented in Appendix A.

All soil samples were field screened with a PID using the heated headspace method as described in the Guidelines for Corrective Action (NMED, 2000). Three soil samples were collected from each boring (one from the interval with the highest PID measurement in the vadose zone, one at the air/water interface, and one from the total depth) for laboratory analysis of VOCs via field methanol extraction. The soil samples were placed in containers provided by the analytical laboratory. The laboratory soil samples were labeled, immediately placed on ice, and submitted to Hall Environmental Analysis Laboratory (HEAL) under chain-of-custody. Table 1 summarizes the holding times, analytical methods, sample containers and method preservatives. Analytical laboratory reports are included in Appendix B.

All seven borings were converted to monitoring wells. The wells were constructed with 2-inch Schedule 40 polyvinyl chloride (PVC) flush thread-jointed casing and 15 feet of 0.010-inch machine-slotted screen. The monitoring wells were completed with 10-20 silica sand to approximately 1 feet above the well screen, followed by a minimum of 2-feet of hydrated bentonite 3/8-inch chips. Then bentonite grout was placed to less than 1 foot below ground surface. The wells were completed with flush-mounted well vaults set in concrete pads. Boring logs and well completion diagrams are presented in Appendix A, and photographs are included in Appendix C.

Drill cuttings were containerized in 55 gallon drums, sealed, and labeled pending investigation derived waste (IDW) analysis results. One composite soil sample was collected for IDW characterization was submitted and analyzed by HEAL for lead, total petroleum hydrocarbons, and benzene, toluene, ethylbenzene, and total xylenes (BTEX). Drums of drill cuttings were transported to the Rhino DP1051 land farm in Otero County, New Mexico by Rhino Environmental after soil IDW results were obtained. IDW results are shown in Table 2. The waste manifest is included in Appendix D.

Well Development Activities

Newly installed wells (MW-15 through MW-21) were developed by surging and bailing. Approximately 20 gallons of water was removed from wells MW-15, MW-16, and MW-17. Approximately 38 gallons, 45 gallons, 7 gallons, and 5 gallons of water was removed from wells MW-18, MW-19, MW-20, and MW-21, respectively. Well MW-15 contained NAPL, and the NAPL was bailed down prior to development. Field parameters (pH, specific conductance, temperature) were recorded on field forms during development and are provided in Appendix E. Development water was ground discharged in accordance with Section 1.7.2 of the GCA.

Gauging

On July 14, 2016, an EA representative gauged fluid levels in all newly installed and existing site wells with an electronic water level meter or interface probe. A potentiometric surface map was

constructed based on the data collected (Figure 5). Results of the gauging as well as historical data are summarized in Table 3. Field forms and notes are provided in Appendix E.

Monitoring Well Sampling Activities

On July 13 and 14, 2016, newly installed wells (MW-15 through MW-21) were sampled immediately after development except for well MW-15 due to the presence of NAPL.

On July 13 and 14, existing wells MW-4, MW-5, MW-7, and MW-13 were purged and then sampled using disposable bailers. Wells were sampled from clean to dirty to the extent possible to minimize cross-contamination. All equipment was decontaminated between wells with an Alconox™ solution to further ensure sample quality. Purge water was ground discharged in accordance with Section 1.7.2 of the GCA. Sampling was accomplished by carefully pouring groundwater from new disposable bailers into the sample containers. Well MW-12 was scheduled to be sample, but access to the well has not been granted.

EA measured field parameters, specific conductance, pH and temperature, with an Oakton PC 300 water quality meter during purging and prior to sampling. Specific conductance, pH and temperature were 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. Monitoring well sampling field forms are provided in Appendix E.

Sample containers, preservatives, analytical methods, and holding times are specified in Table 1. 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 report is provided in Appendix B.

NAPL

On July 14, 2016, NAPL was observed in wells MW-1, MW-2, MW-3, MW-6, MW-8, MW-9, MW-10, MW-11, MW-14, and MW-15 ranging from a 0.01 feet in well MW-10 to 7.95 feet in well MW-3. NAPL was recovered from wells MW-1, MW-2, MW-3, MW-8, MW-15, and MW-15 by hand bailing for 30 minutes. NAPL was recovered from wells MW-6, MW-9, and MW-14 by hand bailing until less than 1/8 inch NAPL remained in the well. Approximately 18.25 gallons of NAPL were recovered during this event and transported to Fina Truck Stop in Albuquerque, New Mexico to await disposal. The NAPL drum previously located at the Site has been stolen. A new drum will be taken to the site and secured to a pole behind the building. A summary of historical NAPL recovery data is provided in Table 4.

After hand bailing NAPL, passive skimmers were placed in wells MW-1, MW-2, MW-3, MW-8, and MW-11, and absorbent socks were placed in wells MW-6, MW-9, MW-10, and MW-14. An additional skimmer will be placed in well MW-15.

Soil Sampling Results

PID field screening results from soil samples collected from the borings ranged from 0.0 parts per million per volume (ppmv) to 1,712 ppmv. During drilling, hydrocarbon odor was detected in core samples collected from all borings except MW-17, MW-20, and MW-21. Also, NAPL was observed in boring MW-15 at the 20-22 foot interval. In borings MW-15, MW-18, and MW-19 field screening indicate that hydrocarbon contamination starts at the water table. PID measurements for the soil samples are shown on the boring logs in Appendix B.

Analytical results from the soil samples collected from soil borings MW-16, MW-17, MW-20, and MW-21 were non-detect for all contaminants of concern. Benzene, toluene, ethylbenzene, xylenes, and naphthalenes were detected in borings MW-15, MW-18, and MW-19. MTBE was detected in only one boring, MW-15. Neither EDB nor EDC was detected in any soil samples collected during this event. The highest benzene concentration was 13 milligrams per kilogram (mg/kg) in boring MW-15 at the 26-27 foot interval, and the highest toluene, ethylbenzene, and xylenes concentrations were 18 mg/kg, 15 mg/kg, and 49 mg/kg, respectively, in boring MW-15 at the 26-27 foot interval. The highest naphthalenes concentration was 7.5 mg/kg in boring MW-15 at the 26-27 foot interval. Soil analytical data are summarized in Table 2, and the laboratory report is included in Appendix A.

Groundwater Sampling Results

Dissolved phase hydrocarbon concentrations exceeded New Mexico Water Quality Control Commission (NMWQCC) and/or New Mexico Environmental Improvement Board (NMEIB) standards in all monitoring wells sampled except wells MW-17, MW-20, and MW-21. Wells MW-17, MW-20, and MW-21were below method detection limits for all contaminants of concern with the exception of the detection of 1.1 micrograms per liter (µg/L) of EDC in well MW-21. Wells MW-5, MW-7, MW-13, MW-16, MW-18, and MW-19 exceeded the NMWQCC standard with respect to benzene with concentrations ranging from 13,000 µg/L in well MW-5 to 67 µg/L in well MW-16. Wells MW-4, MW-5, and MW-7 exceeded the NMEIB standard with respect to MTBE with concentrations of 130 µg/L, 2,600 µg/L, and 2,500 µg/L, respectively. Wells MW-5, MW-7, MW-13, MW-16, MW-18, and MW-19 exceeded the NMWQCC standard with respect to naphthalenes with concentrations ranging from 676 µg/L in well MW-18 to 33.4 µg/L in well MW-19. Well MW-4 also exceeded the NMWQCC standard with respect to EDC with a concentration of 17 µg/L. Well MW-5 also exceeded the NMWQCC standards with respect to toluene, ethylbenzene, and xylenes. Well MW-18 also exceeded the NMWQCC standards with respect to ethylbenzene and xylenes. The laboratory analytical results for select organic compounds are summarized in Table 5, and field parameters are summarized in Table 6. Distribution of organic contaminants in groundwater is presented in Figure 6.

Survey

New and existing monitoring wells were surveyed by Dennis Engineering, a New Mexico Licensed Surveyor. All wells were surveyed to New Mexico State Plane Coordinates 1983, North American Datum (NAD) of 1983, and the North American Vertical Datum of 1988. Wells were located to within 0.01 foot horizontal and 0.01 foot vertical. The survey results are attached in Appendix F.

D. System Performance and Effectiveness

Currently, no system is installed at the site.

E. Statement Verifying Containment of Release

The dissolved phase hydrocarbon plume and the NAPL plume are not defined. The dissolved phase contaminant plume is not defined north, southwest, south, or southeast of the Site. The extent of the NAPL plume is not defined to the southwest of well MW-15 and may be present in the utility corridor along the east side of North Riverside Drive.

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 water levels decreased by an approximately ½ foot since January 2016 in the wells that do not contain NAPL. The overall direction of groundwater flow is to the east-southeast at a gradient of 0.005 foot per foot. A Potentiometric Surface Map is presented in Figure 5 and hydrographs for monitoring wells are provided in Appendix G.

Since January 2016, NAPL thickness has increased in wells MW-1, MW-2, MW-3, MW-8, MW-10, and MW-14 with the largest increase of 2.04 feet observed in well MW-3. NAPL thickness has decreased in wells MW-6 and MW-11 with the largest decrease of 0.57 feet observed in well MW-11. NAPL thickness remained the same in well MW-9. NAPL was also observed in the newly installed well MW-15 at a thickness of 1.59 feet, and a heavy sheen was observed during the development of newly installed well MW-18. A NAPL Isopach Map is presented as Figure 7.

Concentrations of benzene, MTBE, and EDC increased in well MW-4, and concentrations of MTEB and EDC now exceed NMEIB and NMWQCC standards with respect to MTBE and EDC. This is the first event that well MW-4 has been above standards. Concentrations of benzene, MTBE, and EDC in well MW-5 decreased from 16,000 µg/L, 2,700 µg/L, and 130 µg/L in January 2016 to 13,000 µg/L, 2,600 µg/L, and <1.0 µg/L, respectively. Concentrations of toluene, ethylbenzene, xylenes, and naphthalenes in well MW-5 increased or remained the same when compared to the January 2016. Concentrations of benzene, MTBE, and naphthalenes in well MW-7 increased from 3,300 µg/L, 1,500 µg/L, and 219 µg/L in January 2016 to 4,800 µg/L, 2,500 µg/L, and 233 µg/L, respectively. Concentrations of toluene, ethylbenzene, xylenes, and EDC in well MW-7 decreased when compared to the January 2016 event. This is the first event in which well MW-13 has been sampled since December 2014, and concentrations of all contaminants of concern have increased with the exception of xylenes. Well MW-13 remains above NMWQCC standards with respect to benzene and naphthalenes. Figure 6 presents the distribution of groundwater contamination.

B. Ongoing Assessment of Remediation System

No active remediation system is operating at the Site.

C. Recommendations

Based on the results of the groundwater monitoring, the following recommendation is provided:

- Continue to conduct discretionary NAPL recovery events consisting of emptying skimmers, removing absorbent socks, bailing NAPL, resetting skimmers, and replacing absorbent socks at the Site.
- Continue groundwater monitoring.
- Install additional wells to delineate NAPL and dissolved phase plumes.
- Install soil vapor extraction (SVE) wells (Figure 8), and conduct a SVE pilot test.

LIST OF TABLES

LIST OF FIGURES

LIST OF APPENDICES

TABLES

TABLE 1. SAMPLE ANALYTICAL AND QUALITY CONTROL REQUIREMENTS
FAIRVIEW STATION, ESPANOLA, NEW MEXICO

Target Analytes	Matrix	Analytical Method	Sample Container	Preservative	Holding Time
TPH Full Range (gasoline, diesel, and motor oil range)	Soil	EPA 8015B	4-ounce glass soil jar	Cool to <6°C	14 days
BTEX	Soil	EPA 8021B	4-ounce glass soil jar	Cool to <6°C	14 days
Total Lead	Soil	EPA 6010	4-ounce glass soil jar	Cool to <6°C	6 months
VOCs	Soil	EPA 8260B	4-ounce glass soil jar, 25 ml glass vials	Methanol, Cool to <6°C	14 days
VOCs	Water	EPA 8260B	3 x 40- mL glass vials	Mercuric Chloride; Cool to <6°C	14 days

NOTES:
<6°C = Less than 6 degrees Celsius
BTEX = Benzene, Toluene, Ethylbenzene and Xylenes
EPA = U.S. Environmental Protection Agency
TPH = Total Petroleum Hydrocarbons
VOCs = Volatile organic compounds + naphthalenes

TABLE 2. SUMMARY OF SOIL SAMPLE RESULTS VOLATILE ORGANIC COMPOUNDS
FAIRVIEW STATION, ESPANOLA, NEW MEXICO

Monitoring Well	Date Measured	Sample Depth (feet)	Benzene	Toluene	Ethylbenzene	Xylene	BTEX	MTBE	EDB	EDC	Total Napthalenes	TPH			Lead
												GRO	DRO	MRO	
MW-15	11-Jul-16	11-12	0.044	0.062	0.032	0.11	0.248	<0.025	<0.025	<0.025	<0.10	NA	NA	NA	NA
	11-Jul-16	15-16	3.4	0.12	1.0	2.3	6.82	0.66	<0.060	<0.060	1.07	NA	NA	NA	NA
	11-Jul-16	26-27	13	18	15	49	95	1.3	<0.52	<0.52	7.5	NA	NA	NA	NA
MW-16	11-Jul-16	11-12	<0.012	<0.025	<0.025	<0.050	<0.050	<0.025	<0.025	<0.025	<0.099	NA	NA	NA	NA
	11-Jul-16	15-16	<0.014	<0.029	<0.029	<0.057	<0.057	<0.029	<0.029	<0.029	<0.11	NA	NA	NA	NA
	11-Jul-16	26-27	<0.012	<0.025	<0.025	<0.049	<0.049	<0.025	<0.025	<0.025	<0.099	NA	NA	NA	NA
MW-17	13-Jul-16	11-12	<0.015	<0.029	<0.029	<0.058	<0.058	<0.029	<0.029	<0.029	<0.12	NA	NA	NA	NA
	13-Jul-16	15-16	<0.014	<0.029	<0.029	<0.057	<0.057	<0.029	<0.029	<0.029	<0.11	NA	NA	NA	NA
	13-Jul-16	26-27	<0.012	<0.024	<0.024	<0.047	<0.047	<0.024	<0.024	<0.024	<0.095	NA	NA	NA	NA
MW-18	12-Jul-16	11-12	<0.014	<0.028	<0.028	<0.056	<0.056	<0.028	<0.028	<0.028	<0.11	NA	NA	NA	NA
	12-Jul-16	15-16	2.0	2.2	11	46	61.2	<0.62	<0.62	<0.62	10.0	NA	NA	NA	NA
	12-Jul-16	26-27	0.38	0.37	1.8	5.7	8.25	<0.11	<0.11	<0.11	1.13	NA	NA	NA	NA
MW-19	13-Jul-16	11-12	<0.014	<0.027	<0.027	<0.055	<0.055	<0.027	<0.027	<0.027	<0.11	NA	NA	NA	NA
	13-Jul-16	15-16	0.92	8.7	2.8	13	25.42	<0.53	<0.13	<0.53	0.67	NA	NA	NA	NA
	13-Jul-16	26-27	<0.012	<0.025	<0.025	<0.050	<0.050	<0.025	<0.025	<0.025	<0.099	NA	NA	NA	NA
MW-20	12-Jul-16	11-12	<0.014	<0.028	<0.028	<0.055	<0.055	<0.028	<0.028	<0.028	<0.11	NA	NA	NA	NA
	12-Jul-16	15-16	<0.014	<0.029	<0.029	<0.057	<0.057	<0.029	<0.029	<0.029	<0.11	NA	NA	NA	NA
	12-Jul-16	26-27	<0.015	<0.030	<0.030	<0.060	<0.060	<0.030	<0.030	<0.030	<0.12	NA	NA	NA	NA
MW-21	12-Jul-16	11-12	<0.015	<0.029	<0.029	<0.059	<0.059	<0.029	<0.029	<0.029	<0.12	NA	NA	NA	NA
	12-Jul-16	16-17	<0.015	<0.029	<0.029	<0.058	<0.058	<0.029	<0.029	<0.029	<0.12	NA	NA	NA	NA
	12-Jul-16	26-27	<0.013	<0.026	<0.026	<0.052	<0.052	<0.026	<0.026	<0.026	<0.10	NA	NA	NA	NA
IDW	14-Jul-16	-	<0.023	<0.047	<0.047	<0.094	<0.094	<0.094	NA	NA	NA	<10	<4.7	<50	2.4

NOTES:
All concentrations in milligrams per kilogram (mg/Kg)
All samples analyzed for volatile organic compounds by EPA method 8260B
BTEX = Benzene, toluene, ethylbenzene, xylenes
EDB = Ethylene dibromide
EDC = Ethylene dichloride
MTBE = Methyl tertiary butyl ether
TPH = Total petroleum hydrocarbons
DRO = Diesel range organics
GRO = Gasoline range organics
MRO = Motor oil range organics
NA = Not analyzed

TABLE 3. SUMMARY OF FLUID GAUGING DATA
FAIRVIEW STATION, ESPANOLA, NEW MEXICO

Monitoring Well	Date Measured	Northing	Easting	Casing Elevation[1]	Depth to Product[1]	Product Thickness[2]	Depth to Water[1]	Groundwater Elevation[2]
MW-1	14-Jul-16	1825407.387	1695429.115	5621.88	14.45	4.70	19.15	5606.26
	19-Jan-16				13.84	3.93	17.77	5607.06
	9-Jan-15				14.20	3.49	17.69	5606.73
	10-Dec-14				15.51	3.20	18.71	5605.50
	3-Oct-14				14.81	0.04	14.85	5607.06
	26-Nov-13				13.82	1.08	14.90	5607.77
	12-Nov-13				15.37	0.46	15.83	5606.39
	29-Oct-13				13.36	1.89	15.25	5608.01
	10-Jul-13				14.21	0.24	14.45	5607.60
	27-Jun-13				14.43	0.37	14.80	5607.35
	3-Jun-13				13.92	0.28	14.20	5607.88
	27-Feb-13				14.06	0.34	14.40	5607.73
	4-Feb-13				NM	NM	NM	NM
	1-Feb-13				NM	NM	NM	NM
MW-2	14-Jul-16	1825384.848	1695384.788	5622.25	15.23	3.88	19.11	5606.05
	19-Jan-16				14.45	3.60	18.05	5606.90
	9-Jan-15				14.99	3.74	18.73	5606.24
	10-Dec-14				15.77	2.87	18.64	5605.70
	3-Oct-14				14.97	0.08	15.05	5607.26
	26-Nov-13				12.95	5.61	18.56	5607.77
	12-Nov-13				14.34	5.06	19.40	5606.53
	29-Oct-13				12.66	6.02	18.68	5607.95
	10-Jul-13				13.67	3.83	17.50	5607.54
	27-Jun-13				13.98	4.22	18.20	5607.12
	3-Jun-13				13.42	3.97	17.39	5607.75
	27-Feb-13				13.11	5.45	18.56	5607.66
	4-Feb-13				NM	NM	NM	NM
	1-Feb-13				NM	NM	NM	NM
MW-3	14-Jul-16	1825335.555	1695382.273	5622.24	14.23	7.95	22.18	5606.02
	19-Jan-16				12.69	5.91	18.60	5608.07
	9-Jan-15				13.72	6.90	20.62	5606.65
	10-Dec-14				14.75	7.51	22.26	5605.45
	3-Oct-14				13.96	2.95	16.91	5607.48
	26-Nov-13				13.02	6.00	19.02	5607.59
	12-Nov-13				13.19	7.43	20.62	5607.04
	29-Oct-13				12.50	6.96	19.46	5607.85
	10-Jul-13				13.70	3.98	17.68	5607.46
	27-Jun-13				13.88	4.45	18.33	5607.15
	3-Jun-13				13.46	4.11	17.57	5607.67
	27-Feb-13				13.80	2.89	16.69	5607.66
	4-Feb-13				NM	NM	NM	NM
	1-Feb-13				NM	NM	NM	NM

TABLE 3. SUMMARY OF FLUID GAUGING DATA
FAIRVIEW STATION, ESPANOLA, NEW MEXICO

Monitoring Well	Date Measured	Northing	Easting	Casing Elevation[1]	Depth to Product[1]	Product Thickness[2]	Depth to Water[1]	Groundwater Elevation[2]
MW-4	14-Jul-16	1825389.858	1695478.155	5622.81	-	-	14.89	5607.92
	19-Jan-16				-	-	14.33	5608.48
	9-Jan-15				-	-	15.88	5606.93
	9-Dec-14				Lost Data			
	3-Oct-14				-	-	16.21	5606.60
	26-Nov-13				-	-	15.20	5607.61
	12-Nov-13				-	-	15.12	5607.69
	29-Oct-13				-	-	14.13	5608.68
MW-5	14-Jul-16	1825285.314	1695368.193	5621.61	-	-	14.17	5607.44
	19-Jan-16				-	-	13.62	5607.99
	9-Jan-15				-	-	14.40	5607.21
	9-Dec-14				Lost Data			
	3-Oct-14				-	-	14.48	5607.13
	26-Nov-13				-	-	14.07	5607.54
	12-Nov-13				-	-	13.93	5607.68
	29-Oct-13				-	-	13.77	5607.84
MW-6	14-Jul-16	1825418.201	1695357.137	5622.01	14.34	0.03	14.37	5607.67
	19-Jan-16				14.99	0.04	15.03	5607.01
	9-Jan-15				15.58	0.04	15.62	5606.42
	10-Dec-14				16.20	0.34	16.54	5605.72
	3-Oct-14				15.60	0.05	15.65	5606.40
	26-Nov-13				14.31	0.02	14.33	5607.70
	12-Nov-13				14.39	0.01	14.40	5607.62
	29-Oct-13				-	-	13.97	5608.04
MW-7	14-Jul-16	1825370.518	1695355.899	5622.09	-	-	14.52	5607.57
	19-Jan-16				-	-	14.00	5608.09
	9-Jan-15				-	-	15.25	5606.84
	10-Dec-14				Lost Data			
	3-Oct-14				-	-	15.84	5606.25
	26-Nov-13				-	-	14.50	5607.59
	12-Nov-13				-	-	14.62	5607.47
	29-Oct-13				-	-	14.17	5607.92
MW-8	14-Jul-16	1825453.301	1695402.237	5623.10	15.15	6.31	21.46	5606.38
	19-Jan-16				14.34	4.44	18.78	5607.65
	9-Jan-15				15.00	6.45	21.45	5606.35
	10-Dec-14				15.27	6.51	21.78	5606.07
	3-Oct-14				14.95	2.57	17.52	5607.46
	26-Nov-13				14.05	4.25	18.30	5607.90
	12-Nov-13				14.49	6.54	21.03	5606.85
	29-Oct-13				13.80	3.55	17.35	5608.34

TABLE 3. SUMMARY OF FLUID GAUGING DATA
FAIRVIEW STATION, ESPANOLA, NEW MEXICO

Monitoring Well	Date Measured	Northing	Easting	Casing Elevation[1]	Depth to Product[1]	Product Thickness[2]	Depth to Water[1]	Groundwater Elevation[2]
MW-9	14-Jul-16	1825527.039	1695376.368	5623.11	15.13	0.63	15.76	5607.82
	19-Jan-16				14.65	0.63	15.28	5608.30
	9-Jan-15				-	-	16.46	5606.65
	10-Dec-14				-	-	17.15	5605.96
	3-Oct-14				-	-	16.69	5606.42
MW-10	14-Jul-16	1825456.216	1695363.611	5623.07	15.37	0.01	15.38	5607.70
	19-Jan-16				Sheen		14.89	5608.18
	9-Jan-15				-	-	16.28	5606.79
	9-Dec-14				Lost Data			
	3-Oct-14				-	-	16.78	5606.29
MW-11	14-Jul-16	1825451.121	1695456.836	5623.36	16.01	3.09	19.10	5606.58
	19-Jan-16				15.47	3.66	19.13	5606.98
	9-Jan-15				15.89	3.36	19.25	5606.56
	10-Dec-14				16.52	3.63	20.15	5605.86
	3-Oct-14				15.55	0.16	15.71	5607.77

TABLE 3. SUMMARY OF FLUID GAUGING DATA
FAIRVIEW STATION, ESPANOLA, NEW MEXICO

Monitoring Well	Date Measured	Northing	Easting	Casing Elevation[1]	Depth to Product[1]	Product Thickness[2]	Depth to Water[1]	Groundwater Elevation[2]
MW-12	14-Jul-16	1825373.895	1695248.568	5622.05	-	-	NM	NM
	19-Jan-16				-	-	NM	NM
	9-Jan-15				-	-	15.21	5606.84
	9-Dec-14				-	-	15.94	5606.11
	3-Oct-14				-	-	15.52	5606.53
MW-13	14-Jul-16	1825203.294	1695365.307	5621.52	-	-	14.24	5607.28
	19-Jan-16				-	-	NM	NM
	9-Jan-15				-	-	14.76	5606.76
	9-Dec-14				Lost Data			
	3-Oct-14				-	-	14.81	5606.71
MW-14	14-Jul-16	1825595.649	1695371.248	5622.97	15.23	0.47	15.70	5607.62
	19-Jan-16				14.40	0.79	15.19	5608.37
	9-Jan-15				15.96	0.49	16.45	5606.87
	10-Dec-14				16.38	2.19	18.57	5605.99
	3-Oct-14				15.76	0.29	16.05	5607.13
MW-15	14-Jul-16	1825307.763	1695360.233	5622.104	14.35	1.59	15.94	5607.36
MW-16	14-Jul-16	1825306.899	1695428.889	5622.152	-	-	14.54	5607.61
MW-17	14-Jul-16	1825469.015	1695521.707	5623.461	-	-	15.20	5608.26
MW-18	14-Jul-16	1825597.296	1695477.297	5623.486	-	-	15.36	5608.13
MW-19	14-Jul-16	1825621.077	1695402.206	5623.577	-	-	15.80	5607.78
MW-20	14-Jul-16	1825556.586	1695251.168	5623.177	-	-	15.29	5607.89
MW-21	14-Jul-16	1825454.854	1695221.648	5622.164	-	-	15.47	5606.69

NOTES:

[1] Measured in feet below the top of the casing

[2] Measured in feet

[3] Data collected before December 2011 was not collected by an EA representative.

NM = Not measured

TABLE 4. SUMMARY OF NAPL RECOVERY
FAIRVIEW STATION, ESPANOLA, NEW MEXICO

Monitor Well	Date Recovered	NAPL Thickness Prior to Bailing[1]	NAPL Thickness After Bailing[1]	Total NAPL Recovered[2]
MW-1	14-Jul-16	4.70	0.01	3.25
	19-Jan-16	3.93	1.21	4.50
	9-Jan-15	3.49	NM	NM
	10-Dec-14	3.20	NM	NM
	3-Oct-14	0.04	NM	0.00
	26-Nov-13	1.08	NM	0.30
	12-Nov-13	0.46	NM	0.30
	29-Oct-13	1.89	NM	1.50
	10-Jul-13	0.24	NM	0.00
	27-Jun-13	0.37	NM	0.10
	3-Jun-13	0.28	NM	0.50
	27-Feb-13	0.34	NM	0.00
	4-Feb-13	NM	NM	0.00
	1-Feb-13	NM	NM	0.00
MW-2	14-Jul-16	3.88	0.01	2.75
	19-Jan-16	3.60	0.85	3.75
	9-Jan-15	3.74	NM	NM
	10-Dec-14	2.87	NM	NM
	3-Oct-14	0.08	NM	0.00
	26-Nov-13	5.61	NM	3.00
	12-Nov-13	5.06	NM	2.80
	29-Oct-13	6.02	NM	3.50
	10-Jul-13	3.83	NM	2.50
	27-Jun-13	4.22	NM	3.00
	3-Jun-13	3.97	NM	4.50
	27-Feb-13	5.45	NM	0.00
	4-Feb-13	NM	NM	5.00
	1-Feb-13	NM	NM	4.50

TABLE 4. SUMMARY OF NAPL RECOVERY
FAIRVIEW STATION, ESPANOLA, NEW MEXICO

Monitor Well	Date Recovered	NAPL Thickness Prior to Bailing[1]	NAPL Thickness After Bailing[1]	Total NAPL Recovered[2]
MW-3	14-Jul-16	7.95	0.01	5.50
	19-Jan-16	5.91	1.10	5.00
	9-Jan-15	6.90	NM	NM
	10-Dec-14	7.51	NM	NM
	3-Oct-14	2.95	NM	0.00
	26-Nov-13	6.00	NM	4.30
	12-Nov-13	7.43	NM	5.00
	29-Oct-13	6.96	NM	7.00
	10-Jul-13	3.98	NM	3.00
	27-Jun-13	4.45	NM	3.50
	3-Jun-13	4.11	NM	4.50
	27-Feb-13	2.89	NM	0.00
	4-Feb-13	NM	NM	2.00
	1-Feb-13	NM	NM	0.50
MW-6	14-Jul-16	0.03	0.00	Negligible
	19-Jan-16	0.04	0.00	Negligible
	9-Jan-15	0.04	NM	0.00
	10-Dec-14	0.34	NM	0.00
	3-Oct-14	0.05	NM	0.00
	26-Nov-13	0.02	NM	0.00
	12-Nov-13	0.01	NM	0.00
	29-Oct-13	-	-	0.00
MW-8	14-Jul-16	6.31	0.01	3.00
	19-Jan-16	4.44	0.55	3.25
	9-Jan-15	6.45	NM	NM
	10-Dec-14	6.51	NM	NM
	3-Oct-14	2.57	NM	0.00
	26-Nov-13	4.25	NM	3.50
	12-Nov-13	6.54	NM	3.00
	29-Oct-13	3.55	NM	2.50
MW-9	14-Jul-16	0.63	0.01	0.25
	19-Jan-16	0.63	0.01	Negligible
	9-Jan-15	-	-	0.00
	10-Dec-14	-	-	0.00
	3-Oct-14	-	-	0.00

TABLE 4. SUMMARY OF NAPL RECOVERY
FAIRVIEW STATION, ESPANOLA, NEW MEXICO

Monitor Well	Date Recovered	NAPL Thickness Prior to Bailing[1]	NAPL Thickness After Bailing[1]	Total NAPL Recovered[2]
MW-10	19-Jan-16	0.01	-	0.00
	19-Jan-16	Sheen		0.00
	9-Jan-15	-	-	0.00
	9-Dec-14	Lost Data		0.00
	3-Oct-14	-	-	0.00
MW-11	14-Jul-16	3.09	0.01	2.00
	19-Jan-16	3.66	0.62	2.75
	9-Jan-15	3.36	NM	NM
	10-Dec-14	3.63	NM	NM
	3-Oct-14	0.16	NM	0.00
MW-14	14-Jul-16	0.47	0.01	0.10
	19-Jan-16	0.79	0.01	0.25
	9-Jan-15	0.49	NM	NM
	10-Dec-14	2.19	NM	NM
	3-Oct-14	0.29	NM	0.00
MW-15	14-Jul-16	1.59	0.01	1.50
Cumulative Total NAPL Recovered at the Site[2]				**108.15**

NOTES:

NAPL - Non Aqueous Phase Liquid

[1] Measured in feet.

[2] Measured in gallons.

All NAPL recovered is placed in a drum located at the Fairview Station Site in Espanola, NM.

TABLE 5. SUMMARY OF GROUNDWATER SAMPLE RESULTS VOLATILE ORGANIC COMPOUNDS
FAIRVIEW STATION, ESPANOLA, NEW MEXICO

Monitoring Well	Date Measured	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylene (µg/L)	MTBE (µg/L)	EDB (µg/L)	EDC (µg/L)	Napthalene[1] (µg/L)	1-Methylnapthalene[1] (µg/L)	2-Methylnapthalene[1] (µg/L)	Total Naphthalenes (µg/L)	Dissolved Lead (mg/L)
MW-1	14-Jul-16	NAPL - Not Sampled											
	19-Jan-16	NAPL - Not Sampled											
	9-Dec-14	NAPL - Not Sampled											
	4-Feb-13	16,000	21,000	3,700	14,000	3,900	<10	64	630	190	350	1,170	0.0035
MW-2	14-Jul-16	NAPL - Not Sampled											
	19-Jan-16	NAPL - Not Sampled											
	10-Dec-14	24,000	23,000	2,600	12,000	27,000	0.2	<500	<1000	<2,000	<2,000	<2,000	NA
	4-Feb-13	NAPL - Not Sampled											
MW-3	14-Jul-16	NAPL - Not Sampled											
	19-Jan-16	NAPL - Not Sampled											
	9-Dec-14	NAPL - Not Sampled											
	4-Feb-13	NAPL - Not Sampled											
MW-4	13-Jul-16	4.8	<1.0	<1.0	<1.5	130	<0.010	17	<2.0	<4.0	<4.0	<4.0	NA
	19-Jan-16	<1.0	<1.0	<1.0	<1.5	42	<0.010	7.1	<2.0	<4.0	<4.0	<4.0	NA
	9-Dec-14	<1.0	<1.0	<1.0	<1.5	13	<0.01	2.4	<2.0	<4.0	<4.0	<4.0	NA
	29-Oct-13	<1.0	<1.0	<1.0	<2.0	31	<0.01	8.8	NA	NA	NA	NA	<0.005
MW-5	14-Jul-16	13,000	930	1,200	820	2,600	<1.0	<1.0	270	48	80	398	NA
	19-Jan-16	16,000	470	1,200	390	2,700	<0.010	130	260	<40	68	328	NA
	9-Dec-14	8,900	940	1,200	1,500	1,700	<0.01	<100	230	<400	<400	230	NA
	29-Oct-13	4,300	1,100	740	2,000	540	<0.01	44	130	36	69	235	<0.005
MW-6	14-Jul-16	NAPL - Not Sampled											
	19-Jan-16	NAPL - Not Sampled											
	10-Dec-14	5,500	29,000	5,100	28,000	<500	<0.01	<500	1,100	<2,000	<2,000	1,100	NA
	29-Oct-13	10,000	23,000	3,100	13,000	110	<0.01	<50	450	92	170	712	<0.005
MW-7	14-Jul-16	4,800	500	360	590	2,500	<1.0	<1.0	150	37	46	233	NA
	19-Jan-16	3,300	640	460	1,000	1,500	<0.010	5.7	160	22	37	219	NA
	9-Dec-14	4,000	420	510	1,100	1,500	<0.01	<50	130	<200	<200	130	NA
	29-Oct-13	7,700	7,400	1,700	8,900	3,500	<0.01	<50	370	88	180	638	<0.005
MW-8	14-Jul-16	NAPL - Not Sampled											
	19-Jan-16	NAPL - Not Sampled											
	9-Dec-14	NAPL - Not Sampled											
	29-Oct-13	NAPL - Not Sampled											
MW-9	14-Jul-16	NAPL - Not Sampled											
	19-Jan-16	NAPL - Not Sampled											
	9-Dec-14	2,300	2,600	2,600	12,000	<100	<0.01	<100	720	<400	450	1,170	NA
	21-Jul-14	2,000	1,100	1,800	6,600	<100	<0.01	<100	330	110	200	640	0.014
MW-10	14-Jul-16	NAPL - Not Sampled											
	19-Jan-16	NAPL - Not Sampled											
	9-Dec-14	3,900	2,000	2,000	6,100	<100	<0.01	<100	410	<400	<400	410	NA
	22-Jul-14	4,200	5,900	2,700	10,000	170	<0.01	<100	470	160	310	940	0.084
MW-11	14-Jul-16	NAPL - Not Sampled											
	19-Jan-16	NAPL - Not Sampled											
	9-Dec-14	NAPL - Not Sampled											
	22-Jul-14	10,000	16,000	2,600	11,000	330	<0.01	<100	540	190	360	1,090	0.088
MW-12	14-Jul-16	No Access - Not Sampled											
	19-Jan-16	No Access - Not Sampled											
	9-Dec-14	1,900	310	470	710	100	<0.01	<50	<100	<200	<200	<200	NA
	21-Aug-14	1,800	110	340	810	230	<0.01	<10	50	8	13	71	0.130
MW-13	14-Jul-16	1,900	13	280	71	9.5	<1.0	<1.0	42	9.8	14	66	NA
	19-Jan-16	No Access - Not Sampled											
	9-Dec-14	420	5.0	78	90	<5.0	<0.01	<5.0	24	<20	<20	24	NA
	18-Jul-14	130	<10	35	24	<10	<0.01	<10	9.6	20	35	65	0.062
MW-14	14-Jul-16	NAPL - Not Sampled											
	19-Jan-16	NAPL - Not Sampled											
	9-Dec-14	780	1,700	290	1,700	<100	15	170	200	<400	<400	200	NA
	21-Aug-14	480	210	65	160	<10	2.3	84	18	3.7	3.3	25	0.020

TABLE 5. SUMMARY OF GROUNDWATER SAMPLE RESULTS VOLATILE ORGANIC COMPOUNDS
FAIRVIEW STATION, ESPANOLA, NEW MEXICO

Monitoring Well	Date Measured	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylene (µg/L)	MTBE (µg/L)	EDB (µg/L)	EDC (µg/L)	Napthalene[1] (µg/L)	1-Methylnapthalene[1] (µg/L)	2-Methylnapthalene[1] (µg/L)	Total Naphthalenes (µg/L)	Dissolved Lead (mg/L)
MW-15	14-Jul-16	NAPL - Not Sampled											
MW-16	14-Jul-16	67	78	150	290	<1.0	<1.0	<1.0	67	17	23	107	NA
MW-17	14-Jul-16	<1.0	<1.0	<1.0	<1.5	<1.0	<1.0	<1.0	<2.0	<4.0	<4.0	0	NA
MW-18	14-Jul-16	1,800	610	1,500	4,300	<1.0	<1.0	<1.0	460	76	140	676	NA
MW-19	14-Jul-16	75	160	45	110	<1.0	<1.0	3.2	15	6.4	12	33	NA
MW-20	14-Jul-16	<1.0	<1.0	<1.0	<1.5	<1.0	<1.0	<1.0	<2.0	<4.0	<4.0	0	NA
MW-21	14-Jul-16	<1.0	<1.0	<1.0	<1.5	<1.0	<1.0	1.1	<2.0	<4.0	<4.0	0	NA
NMWQCC and EIB Standards		10	750	750	620	100	0.1	10	30*				0.05

NOTES:
All concentrations in micrograms per liter (ug/L) which is equivalent to parts per billion (ppb)
All samples analyzed for volatile organic compounds by EPA method 8260B
EDB = Ethylene dibromide; Sample was analyzed for EDB using EPA method 504.1
EDC = Ethylene dichloride
EIB = Environmental Improvement Board
MTBE = Methyl tertiary butyl ether
NA = Not analyzed
NMWQCC = New Mexico Water Quality Control Commission
Dissolved lead analyzed by EPA method 6010B
* Standard for Total Naphthalenes = sum of Naphthalenes, 1-Methylnapthalenes, and 2-Methylnaphthalenes
[1] = Naphthalene, 1-methylnaphthalene, and 2-methylnaphthalene were analized by EPA method 8270C prior to December 2014

TABLE 6. SUMMARY OF FIELD PARAMETERS
FAIRVIEW STATION, ESPANOLA, NEW MEXICO

Well Number	Date Sampled	pH	SpC (uS/cm)	Temp	DO (mg/L)
MW-1	14-Jul-16	NAPL - Not Measured			
	19-Jan-16	NAPL - Not Measured			
MW-2	14-Jul-16	NAPL - Not Measured			
	19-Jan-16	NAPL - Not Measured			
MW-3	14-Jul-16	NAPL - Not Measured			
	19-Jan-16	NAPL - Not Measured			
MW-4	13-Jul-16	7.10	1624	15.9	NM
	19-Jan-16	6.74	706	16.0	NM
MW-5	14-Jul-16	7.14	1,600	15.6	NM
	19-Jan-16	7.18	1,808	15.8	NM
MW-6	14-Jul-16	NAPL - Not Measured			
	19-Jan-16	NAPL - Not Measured			
MW-7	14-Jul-16	7.10	1,088	16.0	NM
	19-Jan-16	7.17	1,069	16.6	NM
MW-8	14-Jul-16	NAPL - Not Measured			
	19-Jan-16	NAPL - Not Measured			
MW-9	14-Jul-16	NAPL - Not Measured			
	19-Jan-16	NAPL - Not Measured			
MW-10	14-Jul-16	NAPL - Not Measured			
	19-Jan-16	6.86	1,642	16.2	NM
MW-11	14-Jul-16	NAPL - Not Measured			
	19-Jan-16	NAPL - Not Measured			
MW-12	14-Jul-16	No Access			
	19-Jan-16	No Access			
MW-13	14-Jul-16	7.24	1,584	14.8	NM
	19-Jan-16	No Access			
MW-14	14-Jul-16	NAPL - Not Measured			
	19-Jan-16	NAPL - Not Measured			
MW-15	14-Jul-16	7.80	790	17.9	NM
MW-16	14-Jul-16	7.75	770	16.3	NM
MW-17	14-Jul-16	7.65	682	16.8	NM
MW-18	14-Jul-16	7.81	951	16.4	NM
MW-19	14-Jul-16	7.70	1,758	16.8	NM
MW-20	14-Jul-16	7.71	5,380	17.7	NM
MW-21	14-Jul-16	7.71	966	18.3	NM

NOTES:
DO = Dissolved oxygen
mg/L = Milligrams per liter
NAPL = Non-aqueous phase liquid
SpC = Specific conductance
uS/cm = Microsiemens per centimeter

FIGURES

LEGEND:

- MW-1 — MONITORING WELL
- B-4 — SOIL BORING
- BUILDING
- UNDERGROUND STORAGE TANK (UST)
- SITE BOUNDARY

NOTES:
1. AERIAL SOURCE: GOOGLE EARTH 2015.
2. ALL CONCENTRATIONS ARE IN MICROGRAMS PER LITER (ug/L).

50 25 0 50

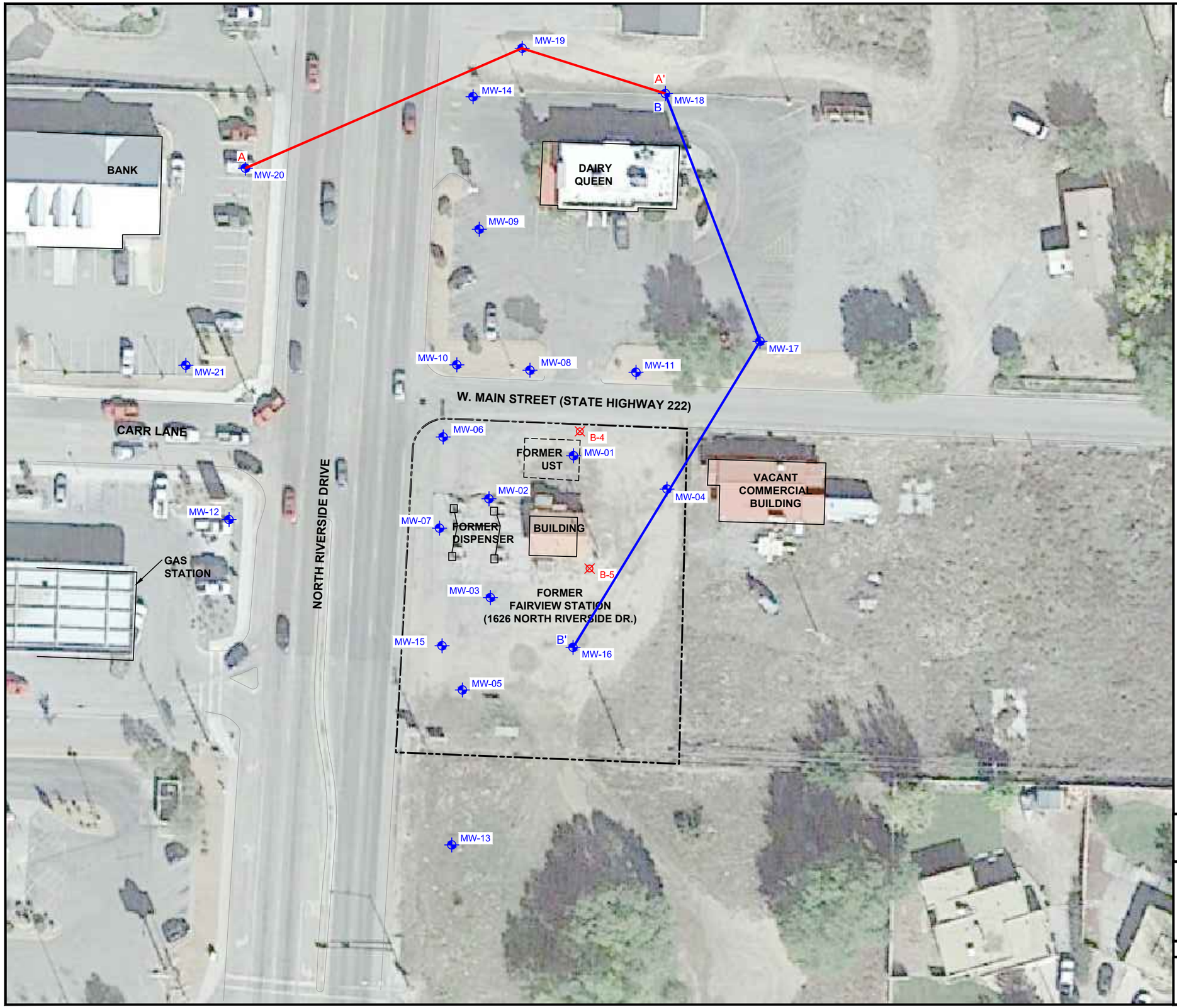
SCALE IN FEET

FAIRVIEW STATION
ESPANOLA, NEW MEXICO

FIGURE 1
SITE MAP

PROJECT #:	6288921	PROJECT PHASE:	01	PROJECT MANAGER:	TM

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



LEGEND:

- MW-1 — MONITORING WELL
- B-4 — SOIL BORING
- BUILDING
- UNDERGROUND STORAGE TANK (UST)
- SITE BOUNDARY
- A — A' GEOLOGIC CROSS-SECTION TRANSECTS
- B — B'

NOTE:
1. AERIAL SOURCE: GOOGLE EARTH 2015.

50 25 0 50

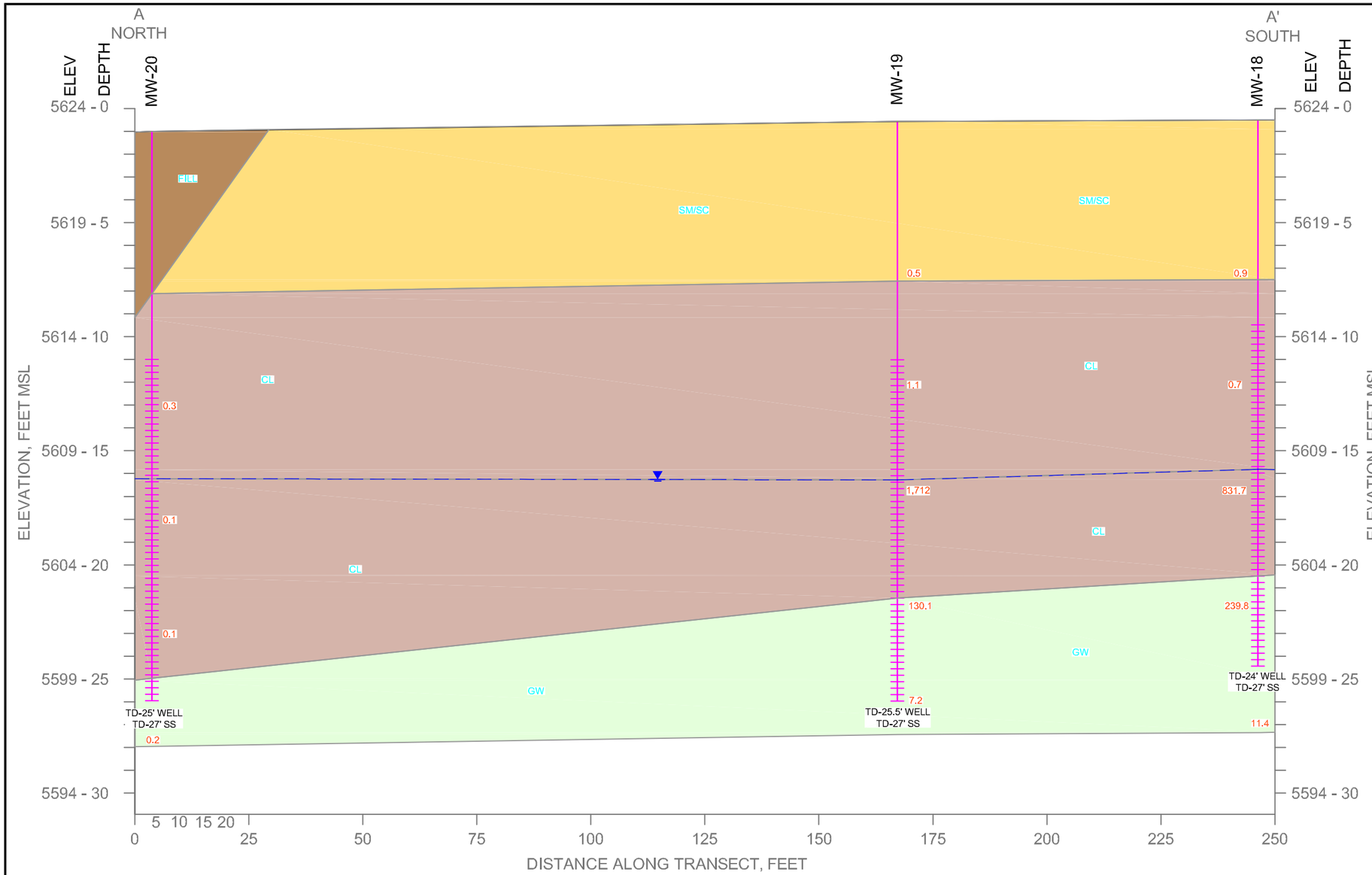
SCALE IN FEET

FAIRVIEW STATION
ESPANOLA, NEW MEXICO

FIGURE 2
GEOLOGIC CROSS-SECTION TRANSECTS

PROJECT #:	6288921	PROJECT PHASE:	01	PROJECT MANAGER:	TM

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



USCS SOIL CLASSIFICATION

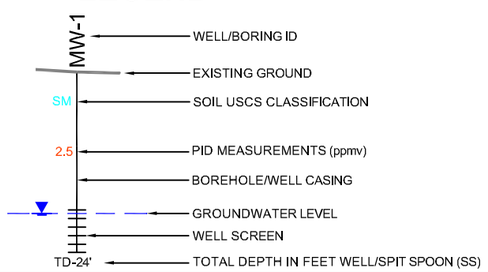
- CL - CLAYS, BROWN (10YR 5/3 - 4/3). SOFT TO STIFF. SLIGHTLY PLASTIC, MOIST
- SM/SC - SILTY AND CLAYEY SANDS, BROWN (10YR 5/3), LOOSE, MOIST, VERY FINE SAND
- FILL - WELL GRADED SAND, FINE TO COARSE. GRAVEL UP TO 3 CM, FILL USED TO BUILD UP PARKING LOT
- GW - GRAVEL, WELL GRADED, DARK GRAY, MEDIUM DENSE TO DENSE, TRACE TO LITTLE SILT, VERY FINE TO COARSE GRAIN SAND, GRAVEL 1-5 CM

25 12.5 0 25
HORIZONTAL SCALE IN FEET

5 2.5 0 5
VERTICAL SCALE IN FEET

NOTE: GROUNDWATER ELEVATION FROM JULY 2016.

LEGEND

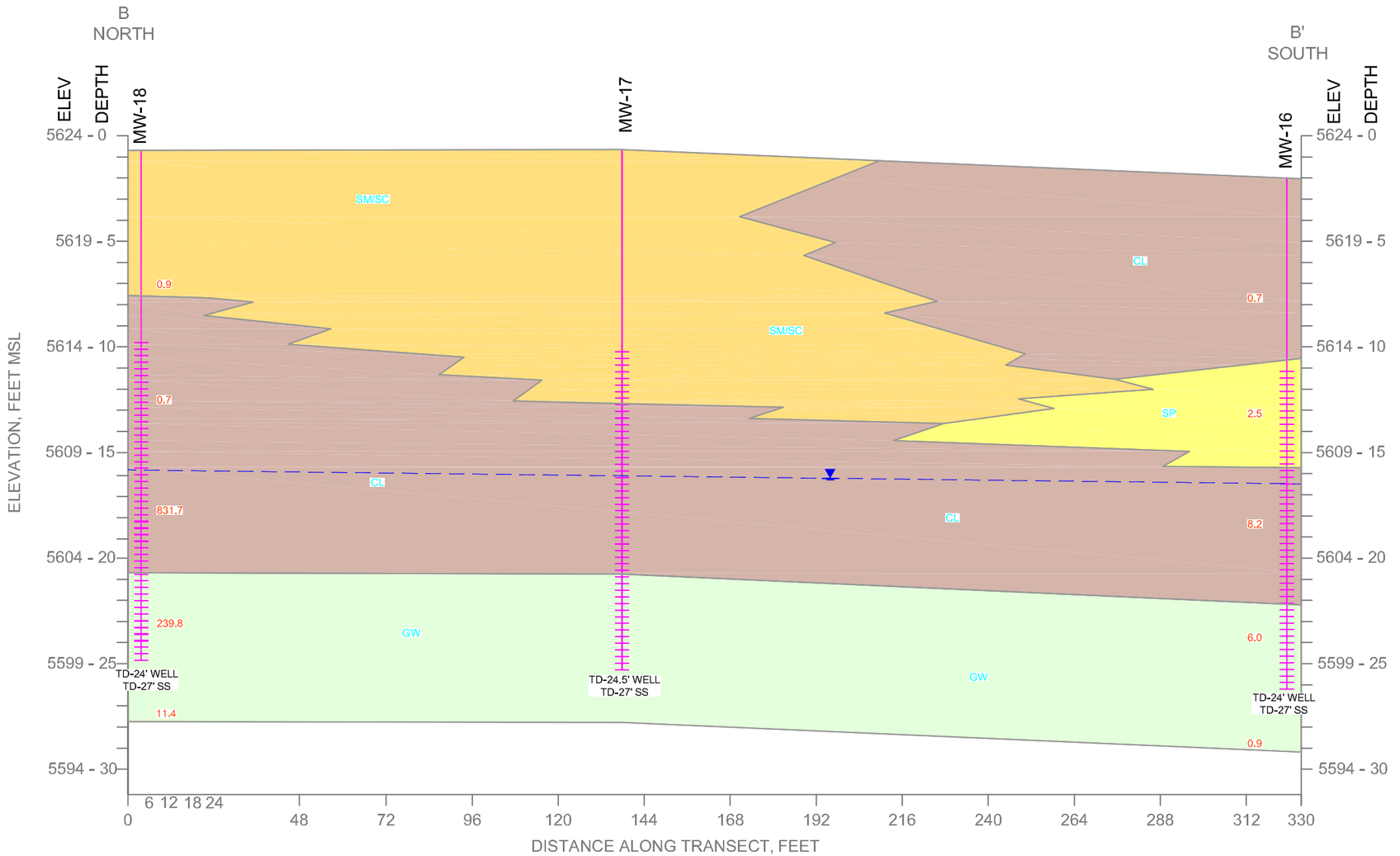


FAIRVIEW STATION
ESPANOLA, NEW MEXICO

FIGURE 3
GEOLOGIC CROSS-SECTION
A-A'

PROJECT #:	6288921	PROJECT PHASE:	01	PROJECT MANAGER:	TM

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



USCS SOIL CLASSIFICATION

- CL - CLAYS, BROWN (10YR 5/3 - 4/3). SOFT TO STIFF. SLIGHTLY PLASTIC, MOIST
- SM/SC - SILTY AND CLAYEY SANDS, BROWN (10YR 5/3), LOOSE, MOIST, VERY FINE SAND
- GW - GRAVEL, WELL GRADED, DARK GRAY, MEDIUM DENSE TO DENSE, TRACE TO LITTLE SILT, VERY FINE TO COARSE GRAIN SAND, GRAVEL 1-5 CM
- SP - POORLY GRADED SAND, BROWN (10YR 5/3), LOOSE, MOIST TO WET, FINE TO VERY FINE SAND

30 15 0 30

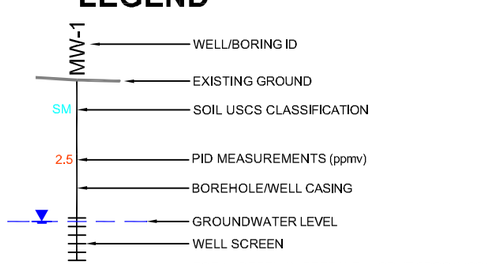
HORIZONTAL SCALE IN FEET

6 3 0 6

VERTICAL SCALE IN FEET

NOTE: GROUNDWATER ELEVATION FROM JULY 2016.

LEGEND

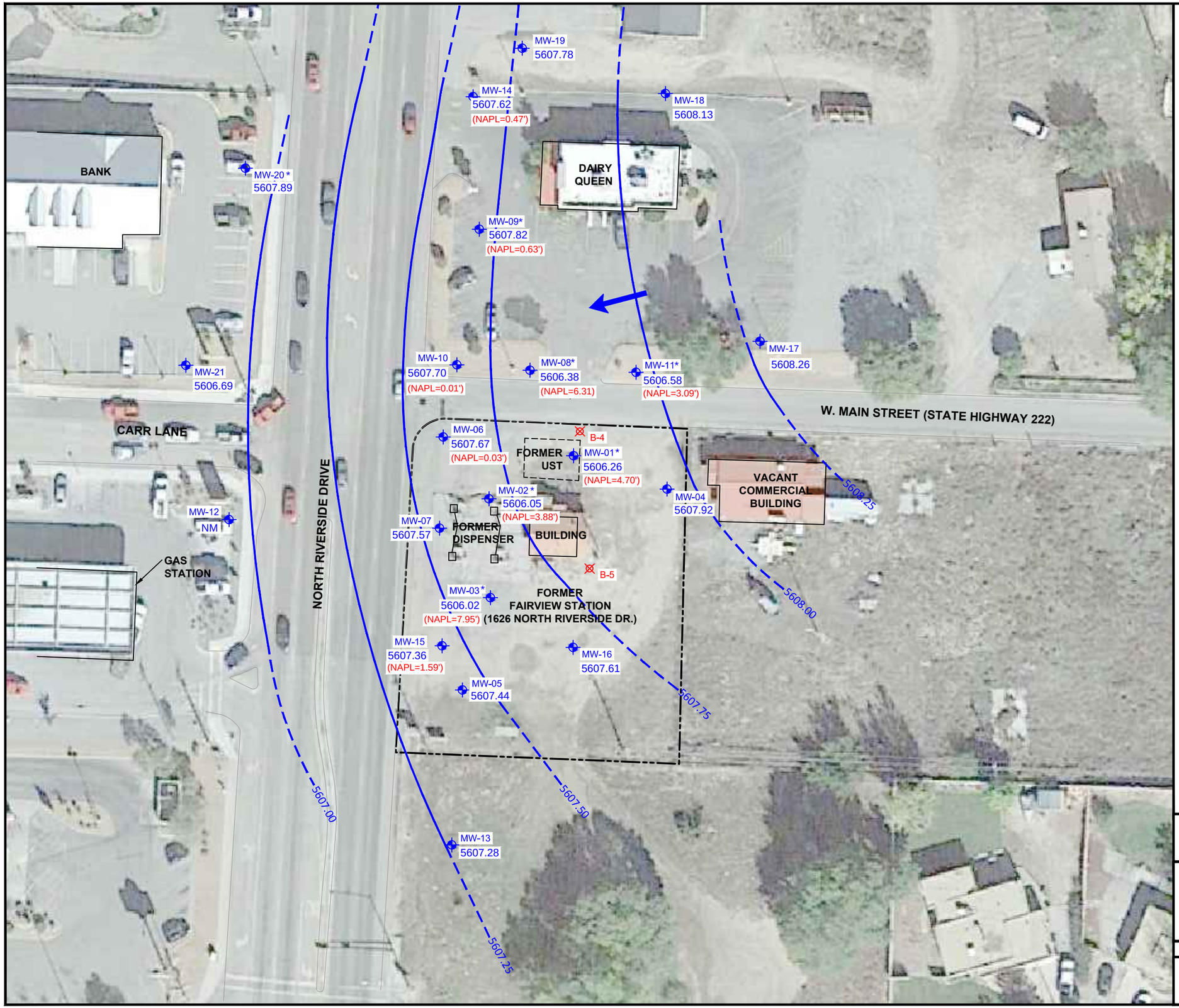


FAIRVIEW STATION
ESPANOLA, NEW MEXICO

FIGURE 4
GEOLOGIC CROSS-SECTION
B-B'

PROJECT #:	6288921	PROJECT PHASE:	01	PROJECT MANAGER:	TM

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



LEGEND:

- MW-1 — MONITORING WELL
- B-4 — SOIL BORING
- BUILDING
- UNDERGROUND STORAGE TANK (UST)
- SITE BOUNDARY
- HISTORIC DIRECTION OF GROUNDWATER FLOW
- NAPL — NON-AQUEOUS PHASE LIQUID
- NM — NOT MEASURED
- 5608.00 — GROUNDWATER POTENTIOMETRIC ELEVATION CONTOUR IN FEET ABOVE MSL
- * — WELL NOT USED IN CONTOURING

NOTE:
1. AERIAL SOURCE: GOOGLE EARTH 2015.

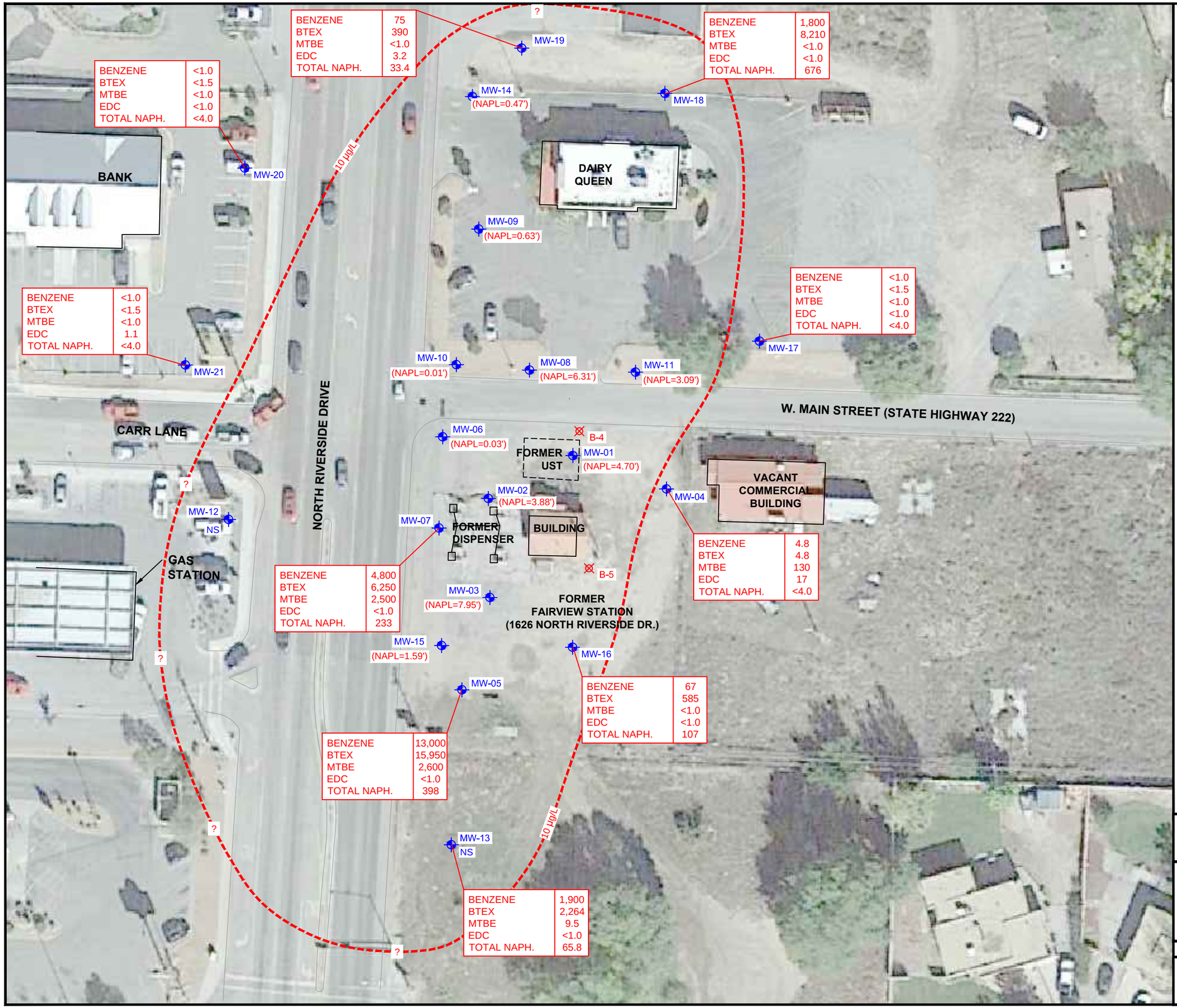
50 25 0 50
SCALE IN FEET

FAIRVIEW STATION
ESPANOLA, NEW MEXICO

FIGURE 5
POTENTIOMETRIC SURFACE MAP
JULY 2016

PROJECT #:	6288921	PROJECT PHASE:	01	PROJECT MANAGER:	TM

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



LEGEND:

MW-1	MONITORING WELL
B-4	SOIL BORING
	BUILDING
	UNDERGROUND STORAGE TANK (UST)
NAPL	NON-AQUEOUS PHASE LIQUID
10 µg/L	ESTIMATED EXTENT OF BENZENE (10 µg/L)
BTEX	BENZENE, TOLUENE, ETHYLBENZENE, XYLENES
MTBE	METHYL TERTIARY BUTYL ETHER
EDC	1,2- DICHLORORTHANE
TOTAL NAPH.	TOTAL NAPHTHALENES
NS	NOT SAMPLED

NOTES:
1. AERIAL SOURCE: GOOGLE EARTH 2015.
2. ALL CONCENTRATIONS ARE IN MICROGRAMS PER LITER (ug/L).

50 25 0 50

SCALE IN FEET

FAIRVIEW STATION
ESPANOLA, NEW MEXICO

FIGURE 6
CONTAMINANT CONCENTRATION MAP
JULY 2016

PROJECT #:	6289821	PROJECT PHASE:	01	PROJECT MANAGER:	TM

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320 Gold Avenue, SW Suite 1300
Albuquerque, NM 87102
Phone: (505) 224-9013
Fax: (505) 224-9016

LEGEND:

- MW-3 / 7.95 — MONITORING WELL WITH NAPL THICKNESS IN FEET
- B-4 — SOIL BORING
- BUILDING
- UNDERGROUND STORAGE TANK (UST)
- NAPL — NON-AQUEOUS PHASE LIQUID
- 1 — APPARENT NAPL THICKNESS CONTOUR, FEET

50 25 0 50

SCALE IN FEET

AERIAL SOURCE: GOOGLE EARTH 2015.

FAIRVIEW STATION
ESPANOLA, NEW MEXICO

FIGURE 7
APPARENT NAPL THICKNESS
JULY 2016

PROJECT #:	6289821	PROJECT PHASE:	01	PROJECT MANAGER:	TM

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

LEGEND:

- MW-3 — MONITORING WELL
- B-4 — SOIL BORING
- PROPOSED TEST WELL
- BUILDING
- UNDERGROUND STORAGE TANK (UST)

N

10 5 0 10

SCALE IN FEET

AERIAL SOURCE: GOOGLE EARTH 2015.

FAIRVIEW STATION
ESPANOLA, NEW MEXICO

FIGURE 8
SVE PILOT TEST WELLS

PROJECT #:	6289821	PROJECT PHASE:	01	PROJECT MANAGER:	TM

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

APPENDIX A

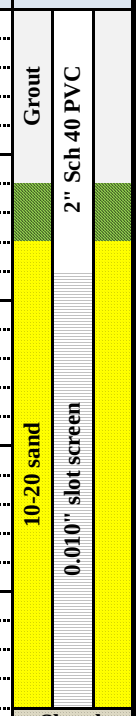
WELL BORING LOGS

BORING/WELL CONSTRUCTION LOG

Project:	Fairview Station	Project Number:	6289821
Drilling Company:	EnviroDrill	Start Time/Date:	1215 7-11-16
Drilling Rig/Bit:	CME-75 HSA	Completion Time/Date:	1430 7-11-16
Driller:	Ed Cohagen	Final Depth:	24' well, 25' boring
Boring/Well ID:	MW-15	Logged By:	D. Werth Page _1___ of __1__

Sample Type	Recovery (inches)	Sample Interval	PID Reading (ppmv)	USCS Soil Type	Linear Feet	Soil Description (soil type, color, density/consistency, plasticity, moisture, grain size, angularity/minerology, other)
CUT					1	0-5', clay, dark greyish brown (10YR 4/2), medium stiff, slightly
					2	plastic, moist, slight hydrocarbon odor
					3	
					4	
					5	
SS	14			CL	6	5'-7', clay, dark greyish brown (10YR 4/2), medium stiff, slightly
			32.8		7	plastic, moist, slight hydrocarbon odor
					8	
					9	
					10	
SS	22	X		CL	11	10'-11', same as above
			33.8	SP	12	11'-12', sand, poorly graded, dark greyish brown (10YR 4/2), loose,
					13	moist to wet, fine grain sand, trace clay, slight hydrocarbon odor
					14	
					15	
SS	24	X		CL	16	15'-17', clay, dark greyish brown (10YR 4/2), stiff, slightly plastic,
			596		17	moist, strong hydrocarbon odor
					18	
					19	
					20	
SS	24			ML	21	20'-22', silt, dark greyish brown (10YR 4/2), loose, wet, visible NAPL,
			544		22	gravel in shoe
					23	
					24	
					25	
SS	10	X		GW	26	25'-27', gravel, well graded, dark greyish brown (10YR 4/2), loose, wet,
			380		27	gravel up to 2 cm, fine to coarse sand, trace clay, strong
					28	hydrocarbon odor
					29	
					30	
					31	
					32	
					33	
					34	
					35	
					36	screen: 0.010" 9'-24'
					37	sand: 10-20 8'-24'
					38	bentonite: 3/8" chip 6'-8'
					39	grout: <1'-6'
					40	concrete flush-mount surface completion
					41	
					42	
					43	
					44	
					45	

Boring and/or Well Details

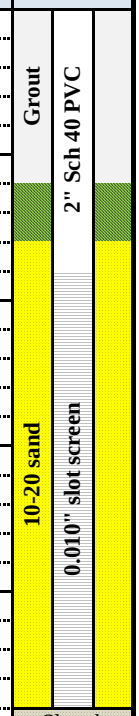


SS = Split Spoon CUT = Drill Cuttings

BORING/WELL CONSTRUCTION LOG

Project:	Fairview Station	Project Number:	6289821
Drilling Company:	EnviroDrill	Start Time/Date:	0945 7-11-16
Drilling Rig/Bit:	CME-75 HSA	Completion Time/Date:	1145 7-11-16
Driller:	Ed Cohagen	Final Depth:	24' well, 25' boring
Boring/Well ID:	MW-16	Logged By:	D. Werth Page _1___ of __1__

Sample Type	Recovery (inches)	Sample Interval	PID Reading (ppmv)	USCS Soil Type	Linear Feet	Soil Description (soil type, color, density/consistency, plasticity, moisture, grain size, angularity/minerology, other)
CUT					1	0-5', clay, brown (10YR 5/3), soft to medium stiff, slightly plastic,
					2	slightly moist
					3	
					4	
					5	
SS	22		0.7	CL	6	5'-7', clay, brown (10YR 5/3), soft to medium stiff, slightly plastic,
					7	slightly moist
					8	
					9	
					10	
SS	24	X	2.5	SP	11	10'-12', sand, poorly graded, brown (10YR 5/3), loose, moist to wet,
					12	fine to very fine sand, no odor
					13	
					14	
					15	
SS	24	X	8.2	CL	16	15'-17', silty clay, brown (10YR 5/3), stiff, nonplastic, moist,
					17	slight hydrocarbon odor
					18	
					19	
					20	
SS	18		6	GW	21	20'-22', gravel, well graded, dark greyish brown (10YR 4/2), loose,
					22	wet, gravel up to 2 cm, fine to coarse sand, trace clay, strong
					23	hydrocarbon odor, 3 inches of silty clay stained grey at 20.5'
					24	
					25	
SS	20	X	0.9	GW	26	25'-27', same as above
					27	
					28	
					29	
					30	
					31	
					32	
					33	
					34	
					35	
					36	screen: 0.010" 9'-24'
					37	sand: 10-20 8'-24'
					38	bentonite: 3/8" chip 6'-8'
					39	grout: <1'-6'
					40	concrete flush-mount surface completion
					41	
					42	
					43	
					44	
					45	



Boring and/or Well Details

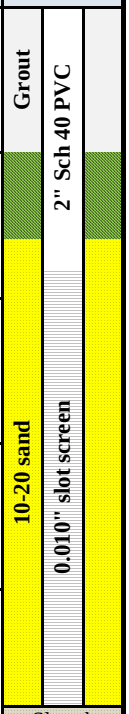
SS = Split Spoon CUT = Drill Cuttings

BORING/WELL CONSTRUCTION LOG

Project:	Fairview Station	Project Number:	6289821
Drilling Company:	EnviroDrill	Start Time/Date:	0630 7-13-16
Drilling Rig/Bit:	CME-75 HSA	Completion Time/Date:	0950 7-13-16
Driller:	Ed Cohagen	Final Depth:	24.5' well, 25' boring
Boring/Well ID:	MW-17	Logged By:	D. Werth Page _1___ of __1__

Sample Type	Recovery (inches)	Sample Interval	PID Reading (ppmv)	USCS Soil Type	Linear Feet	Soil Description (soil type, color, density/consistency, plasticity, moisture, grain size, angularity/minerology, other)
CUT					1	0-5', silty sand, brown (10YR 5/3), loose, dry to moist, very fine sand
					2	
					3	
					4	
					5	
SS	22		0.0	SM	6	5'-7', silty sand, brown (10YR 5/3), loose, dry to moist, very fine sand
					7	
					8	
					9	
					10	
SS	24	X	0.0	SM	11	10'-12', same as above, trace to little clay
					12	
					13	
					14	
					15	
SS	24	X	1.3	CL	16	15'-17', clay, brown (10YR 4/3), stiff, slightly plastic, moist,
					17	
					18	
					19	
					20	
SS	16		0.1	GW	21	20'-22', gravel, well graded, dark greyish brown (10YR 4/2), loose,
					22	wet, gravel up to 3 cm, fine to coarse sand
					23	
					24	
					25	
SS	14	X	0.1	GW	26	25'-27', same as above
					27	
					28	
					29	
					30	
					31	
					32	
					33	
					34	
					35	
					36	screen: 0.010" 9.5'-24.5'
					37	sand: 10-20 8.5'-24.5'
					38	bentonite: 3/8" chip 5.5'-8.5'
					39	grout: <1'-5.5'
					40	concrete flush-mount surface completion
					41	
					42	
					43	
					44	
					45	

Boring and/or Well Details



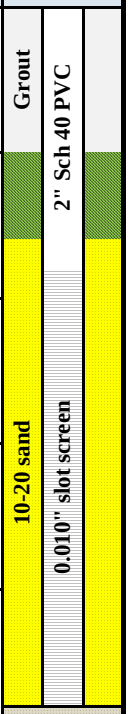
SS = Split Spoon CUT = Drill Cuttings

BORING/WELL CONSTRUCTION LOG

Project:	Fairview Station	Project Number:	6289821
Drilling Company:	EnviroDrill	Start Time/Date:	1415 7-12-16
Drilling Rig/Bit:	CME-75 HSA	Completion Time/Date:	1615 7-12-16
Driller:	Ed Cohagen	Final Depth:	24' well, 26' boring
Boring/Well ID:	MW-18	Logged By:	D. Werth Page _1___ of __1__

Sample Type	Recovery (inches)	Sample Interval	PID Reading (ppmv)	USCS Soil Type	Linear Feet	Soil Description (soil type, color, density/consistency, plasticity, moisture, grain size, angularity/minerology, other)
CUT					1	5'-7', clayey sand, brown (10YR 5/3), loose, moist, very fine sand
					2	
					3	
					4	
					5	
SS	22		0.9	SC	6	5'-7', clayey sand, brown (10YR 5/3), loose, moist, very fine sand
					7	
					8	
					9	
					10	
SS	12	X	0.7	CL	11	10'-12', clay, brown (10YR 5/3), soft, slightly plastic, moist
					12	
					13	
					14	
					15	
SS	24	X	831.7	CL	16	15'-17', same as above, black/grey staining with strong hydrocarbon
					17	odor starting at 16'
					18	
					19	
					20	
SS	20		239.8	GW	21	20'-22', gravel, well graded, very dark grey (10YR 3/1), loose,
					22	wet, gravel up to 3 cm, fine to coarse sand, hydrocarbon odor
					23	
					24	
					25	
SS	24	X	11.4	GW	26	25'-27', same as above
					27	
					28	
					29	
					30	
					31	
					32	
					33	
					34	
					35	
					36	screen: 0.010" 9'-24'
					37	sand: 10-20 8'-24'
					38	bentonite: 3/8" chip 5.5'-8'
					39	grout: <1'-5.5'
					40	concrete flush-mount surface completion
					41	
					42	
					43	
					44	
					45	

Boring and/or Well Details



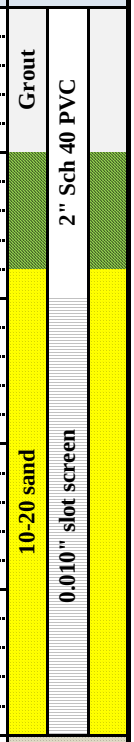
SS = Split Spoon CUT = Drill Cuttings

BORING/WELL CONSTRUCTION LOG

Project:	Fairview Station	Project Number:	6289821
Drilling Company:	EnviroDrill	Start Time/Date:	0915 7-13-16
Drilling Rig/Bit:	CME-75 HSA	Completion Time/Date:	1115 7-13-16
Driller:	Ed Cohagen	Final Depth:	25.5' well, 27' boring
Boring/Well ID:	MW-19	Logged By:	D. Werth Page _1___ of __1__

Sample Type	Recovery (inches)	Sample Interval	PID Reading (ppmv)	USCS Soil Type	Linear Feet	Soil Description (soil type, color, density/consistency, plasticity, moisture, grain size, angularity/minerology, other)
CUT					1	0-5', silty sand, brown (10YR 5/3), loose, moist, very fine sand
					2	
					3	
					4	
					5	
SS	22		0.5	SM	6	5'-7', silty sand, brown (10YR 5/3), loose, moist, very fine sand
					7	
					8	
					9	
					10	
SS	10	X	1.1	CL	11	10'-12', clay, brown (10YR 5/3), medium stiff, slightly plastic, moist
					12	
					13	
					14	
					15	
SS	24	X	1712	CL	16	15'-17', same as above, stiff, strong hydrocarbon odor
					17	
					18	
					19	
					20	
SS	22			CL	21	20'-21', same as above
			130.1	GW	22	21'-22', gravel, well graded, very dark grey (10YR 3/1), loose,
					23	wet, gravel up to 3 cm, fine to coarse sand, hydrocarbon odor
					24	
					25	
SS	24	X	7.2	GW	26	25'-27', same as above
					27	
					28	
					29	
					30	
					31	
					32	
					33	
					34	
					35	
					36	screen: 0.010" 10.5'-25.5'
					37	sand: 10-20 9'-25.5'
					38	bentonite: 3/8" chip 5'-9'
					39	grout: <1'-5'
					40	concrete flush-mount surface completion
					41	
					42	
					43	
					44	
					45	

Boring and/or Well Details



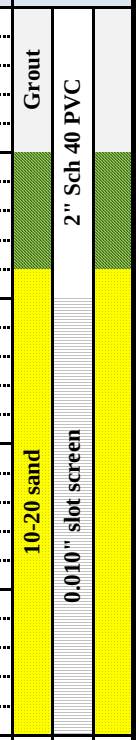
SS = Split Spoon CUT = Drill Cuttings

BORING/WELL CONSTRUCTION LOG

Project:	Fairview Station	Project Number:	6289821
Drilling Company:	EnviroDrill	Start Time/Date:	0630 7-12-16
Drilling Rig/Bit:	CME-75 HSA	Completion Time/Date:	0830 7-12-16
Driller:	Ed Cohagen	Final Depth:	25' well/boring
Boring/Well ID:	MW-20	Logged By:	D. Werth Page _1___ of __1__

Sample Type	Recovery (inches)	Sample Interval	PID Reading (ppmv)	USCS Soil Type	Linear Feet	Soil Description (soil type, color, density/consistency, plasticity, moisture, grain size, angularity/minerology, other)
CUT				SW	1	0-5', sand, well graded, brown (10YR 4/3), loose, moist, fine to coarse
					2	sand, little gravel up to 3 cm, fill
					3	
					4	
					5	
SS	0			SW	6	5'-7', zero recovery, cuttings are same as above
					7	
					8	
					9	
					10	
SS	20	X	0.3	CL	11	10'-12', clay, brown (10YR 5/3), soft, slightly plastic, moist
					12	
					13	
					14	
					15	
SS	10	X	0.1	CL	16	15'-17', same as above, trace gravel up to 2 cm
					17	
					18	
					19	
					20	
SS	22		0.1	CL	21	20'-22', clay, brown (10YR 5/3), stiff, slightly plastic, moist
					22	
					23	
					24	hit gravel at ~24'
					25	
SS	14	X	0.2	GW	26	25'-27', gravel, well graded, dark grey (10YR 4/1), loose, wet, gravel up
					27	to 3 cm, fine to coarse sand
					28	
					29	
					30	
					31	
					32	
					33	
					34	
					35	
					36	screen: 0.010" 10'-25'
					37	sand: 10-20 9'-25'
					38	bentonite: 3/8" chip 5'-9'
					39	grout: <1'-5'
					40	concrete flush-mount surface completion
					41	
					42	
					43	
					44	
					45	

Boring and/or Well Details



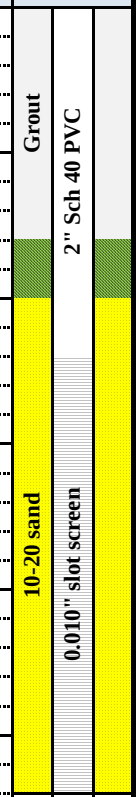
SS = Split Spoon CUT = Drill Cuttings

BORING/WELL CONSTRUCTION LOG

Project:	Fairview Station	Project Number:	6289821
Drilling Company:	EnviroDrill	Start Time/Date:	0845 7-12-16
Drilling Rig/Bit:	CME-75 HSA	Completion Time/Date:	1145 7-12-16
Driller:	Ed Cohagen	Final Depth:	27' well/augers
Boring/Well ID:	MW-21	Logged By:	D. Werth Page _1___ of __1__

Sample Type	Recovery (inches)	Sample Interval	PID Reading (ppmv)	USCS Soil Type	Linear Feet	Soil Description (soil type, color, density/consistency, plasticity, moisture, grain size, angularity/minerology, other)
CUT				SW	1	0-5', sand, well graded, brown (10YR 4/3), loose, moist, fine to coarse
					2	sand, little gravel up to 3 cm, fill
					3	
					4	
					5	
SS	18		0.2	CL	6	5'-7', clay, brown (10YR 4/3), soft to medium stiff, slightly plastic,
					7	moist, trace gravel 2-3 cm
					8	
					9	
					10	
SS	22	X	0.1	CL	11	10'-12', same as above, no gravel
					12	
					13	
					14	
					15	
SS	24	X	0.4	CL	16	15'-17', same as above, dark greyish brown (10YR 4/2), stiff
					17	
					18	
					19	
					20	
SS	24		0.2	CL	21	20'-22', same as above
					22	
					23	
					24	
					25	
SS	24	X	0.6	GW	26	25'-27', same as above, GW in the last few inches of spoon
					27	
					28	
					29	
					30	
					31	
					32	
					33	
					34	
					35	
					36	screen: 0.010" 12'-27'
					37	sand: 10-20 10.5'-27'
					38	bentonite: 3/8" chip 8'-10'
					39	grout: <1'-8'
					40	concrete flush-mount surface completion
					41	
					42	
					43	
					44	
					45	

Boring and/or Well Details



SS = Split Spoon CUT = Drill Cuttings

APPENDIX B

LABORATORY REPORT

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

August 03, 2016

Teri McMillan

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

RE: Fairview Station OrderNo.: 1607732

Dear Teri McMillan:

Hall Environmental Analysis Laboratory received 34 sample(s) on 7/15/2016 for the analyses presented in the following report.

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

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

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

Sincerely,

Andy Freeman

Laboratory Manager

4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: MW-15 11'-12'
Project: Fairview Station
Collection Date: 7/11/2016 12:21:00 PM
Lab ID: 1607732-001
Matrix: MEOH (SOIL)
Received Date: 7/15/2016 8:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**	
Benzene	0.044	0.013		mg/Kg	1	7/20/2016 8:22:07 PM	26468
Toluene	0.062	0.025		mg/Kg	1	7/20/2016 8:22:07 PM	26468
Ethylbenzene	0.032	0.025		mg/Kg	1	7/20/2016 8:22:07 PM	26468
Methyl tert-butyl ether (MTBE)	ND	0.025		mg/Kg	1	7/20/2016 8:22:07 PM	26468
1,2,4-Trimethylbenzene	ND	0.025		mg/Kg	1	7/20/2016 8:22:07 PM	26468
1,3,5-Trimethylbenzene	ND	0.025		mg/Kg	1	7/20/2016 8:22:07 PM	26468
1,2-Dichloroethane (EDC)	ND	0.025		mg/Kg	1	7/20/2016 8:22:07 PM	26468
1,2-Dibromoethane (EDB)	ND	0.025		mg/Kg	1	7/20/2016 8:22:07 PM	26468
Naphthalene	ND	0.051		mg/Kg	1	7/20/2016 8:22:07 PM	26468
1-Methylnaphthalene	ND	0.10		mg/Kg	1	7/20/2016 8:22:07 PM	26468
2-Methylnaphthalene	ND	0.10		mg/Kg	1	7/20/2016 8:22:07 PM	26468
Acetone	ND	0.38		mg/Kg	1	7/20/2016 8:22:07 PM	26468
Bromobenzene	ND	0.025		mg/Kg	1	7/20/2016 8:22:07 PM	26468
Bromodichloromethane	ND	0.025		mg/Kg	1	7/20/2016 8:22:07 PM	26468
Bromoform	ND	0.025		mg/Kg	1	7/20/2016 8:22:07 PM	26468
Bromomethane	ND	0.076		mg/Kg	1	7/20/2016 8:22:07 PM	26468
2-Butanone	ND	0.25		mg/Kg	1	7/20/2016 8:22:07 PM	26468
Carbon disulfide	ND	0.25		mg/Kg	1	7/20/2016 8:22:07 PM	26468
Carbon tetrachloride	ND	0.025		mg/Kg	1	7/20/2016 8:22:07 PM	26468
Chlorobenzene	ND	0.025		mg/Kg	1	7/20/2016 8:22:07 PM	26468
Chloroethane	ND	0.051		mg/Kg	1	7/20/2016 8:22:07 PM	26468
Chloroform	ND	0.025		mg/Kg	1	7/20/2016 8:22:07 PM	26468
Chloromethane	ND	0.076		mg/Kg	1	7/20/2016 8:22:07 PM	26468
2-Chlorotoluene	ND	0.025		mg/Kg	1	7/20/2016 8:22:07 PM	26468
4-Chlorotoluene	ND	0.025		mg/Kg	1	7/20/2016 8:22:07 PM	26468
cis-1,2-DCE	ND	0.025		mg/Kg	1	7/20/2016 8:22:07 PM	26468
cis-1,3-Dichloropropene	ND	0.025		mg/Kg	1	7/20/2016 8:22:07 PM	26468
1,2-Dibromo-3-chloropropane	ND	0.051		mg/Kg	1	7/20/2016 8:22:07 PM	26468
Dibromochloromethane	ND	0.025		mg/Kg	1	7/20/2016 8:22:07 PM	26468
Dibromomethane	ND	0.025		mg/Kg	1	7/20/2016 8:22:07 PM	26468
1,2-Dichlorobenzene	ND	0.025		mg/Kg	1	7/20/2016 8:22:07 PM	26468
1,3-Dichlorobenzene	ND	0.025		mg/Kg	1	7/20/2016 8:22:07 PM	26468
1,4-Dichlorobenzene	ND	0.025		mg/Kg	1	7/20/2016 8:22:07 PM	26468
Dichlorodifluoromethane	ND	0.025		mg/Kg	1	7/20/2016 8:22:07 PM	26468
1,1-Dichloroethane	ND	0.025		mg/Kg	1	7/20/2016 8:22:07 PM	26468
1,1-Dichloroethene	ND	0.025		mg/Kg	1	7/20/2016 8:22:07 PM	26468
1,2-Dichloropropane	ND	0.025		mg/Kg	1	7/20/2016 8:22:07 PM	26468
1,3-Dichloropropane	ND	0.025		mg/Kg	1	7/20/2016 8:22:07 PM	26468
2,2-Dichloropropane	ND	0.051		mg/Kg	1	7/20/2016 8:22:07 PM	26468

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: MW-15 11'-12'
Project: Fairview Station
Collection Date: 7/11/2016 12:21:00 PM
Lab ID: 1607732-001
Matrix: MEOH (SOIL)
Received Date: 7/15/2016 8:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**	
1,1-Dichloropropene	ND	0.051		mg/Kg	1	7/20/2016 8:22:07 PM	26468
Hexachlorobutadiene	ND	0.051		mg/Kg	1	7/20/2016 8:22:07 PM	26468
2-Hexanone	ND	0.25		mg/Kg	1	7/20/2016 8:22:07 PM	26468
Isopropylbenzene	ND	0.025		mg/Kg	1	7/20/2016 8:22:07 PM	26468
4-Isopropyltoluene	ND	0.025		mg/Kg	1	7/20/2016 8:22:07 PM	26468
4-Methyl-2-pentanone	ND	0.25		mg/Kg	1	7/20/2016 8:22:07 PM	26468
Methylene chloride	ND	0.076		mg/Kg	1	7/20/2016 8:22:07 PM	26468
n-Butylbenzene	ND	0.076		mg/Kg	1	7/20/2016 8:22:07 PM	26468
n-Propylbenzene	ND	0.025		mg/Kg	1	7/20/2016 8:22:07 PM	26468
sec-Butylbenzene	ND	0.025		mg/Kg	1	7/20/2016 8:22:07 PM	26468
Styrene	ND	0.025		mg/Kg	1	7/20/2016 8:22:07 PM	26468
tert-Butylbenzene	ND	0.025		mg/Kg	1	7/20/2016 8:22:07 PM	26468
1,1,1,2-Tetrachloroethane	ND	0.025		mg/Kg	1	7/20/2016 8:22:07 PM	26468
1,1,2,2-Tetrachloroethane	ND	0.025		mg/Kg	1	7/20/2016 8:22:07 PM	26468
Tetrachloroethene (PCE)	ND	0.025		mg/Kg	1	7/20/2016 8:22:07 PM	26468
trans-1,2-DCE	ND	0.025		mg/Kg	1	7/20/2016 8:22:07 PM	26468
trans-1,3-Dichloropropene	ND	0.025		mg/Kg	1	7/20/2016 8:22:07 PM	26468
1,2,3-Trichlorobenzene	ND	0.051		mg/Kg	1	7/20/2016 8:22:07 PM	26468
1,2,4-Trichlorobenzene	ND	0.025		mg/Kg	1	7/20/2016 8:22:07 PM	26468
1,1,1-Trichloroethane	ND	0.025		mg/Kg	1	7/20/2016 8:22:07 PM	26468
1,1,2-Trichloroethane	ND	0.025		mg/Kg	1	7/20/2016 8:22:07 PM	26468
Trichloroethene (TCE)	ND	0.025		mg/Kg	1	7/20/2016 8:22:07 PM	26468
Trichlorofluoromethane	ND	0.025		mg/Kg	1	7/20/2016 8:22:07 PM	26468
1,2,3-Trichloropropane	ND	0.051		mg/Kg	1	7/20/2016 8:22:07 PM	26468
Vinyl chloride	ND	0.025		mg/Kg	1	7/20/2016 8:22:07 PM	26468
Xylenes, Total	0.11	0.051		mg/Kg	1	7/20/2016 8:22:07 PM	26468
Surr: Dibromofluoromethane	104	70-130		%Rec	1	7/20/2016 8:22:07 PM	26468
Surr: 1,2-Dichloroethane-d4	96.3	70-130		%Rec	1	7/20/2016 8:22:07 PM	26468
Surr: Toluene-d8	94.7	70-130		%Rec	1	7/20/2016 8:22:07 PM	26468
Surr: 4-Bromofluorobenzene	97.3	70-130		%Rec	1	7/20/2016 8:22:07 PM	26468

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: MW-15 15'-16'
Project: Fairview Station
Collection Date: 7/11/2016 12:30:00 PM
Lab ID: 1607732-002
Matrix: MEOH (SOIL)
Received Date: 7/15/2016 8:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**	
Benzene	3.4	0.030	D	mg/Kg	2	7/20/2016 8:50:30 PM	26468
Toluene	0.12	0.060	D	mg/Kg	2	7/20/2016 8:50:30 PM	26468
Ethylbenzene	1.0	0.060	D	mg/Kg	2	7/20/2016 8:50:30 PM	26468
Methyl tert-butyl ether (MTBE)	0.66	0.060	D	mg/Kg	2	7/20/2016 8:50:30 PM	26468
1,2,4-Trimethylbenzene	1.4	0.060	D	mg/Kg	2	7/20/2016 8:50:30 PM	26468
1,3,5-Trimethylbenzene	0.37	0.060	D	mg/Kg	2	7/20/2016 8:50:30 PM	26468
1,2-Dichloroethane (EDC)	ND	0.060	D	mg/Kg	2	7/20/2016 8:50:30 PM	26468
1,2-Dibromoethane (EDB)	ND	0.060	D	mg/Kg	2	7/20/2016 8:50:30 PM	26468
Naphthalene	0.58	0.12	D	mg/Kg	2	7/20/2016 8:50:30 PM	26468
1-Methylnaphthalene	ND	0.24	D	mg/Kg	2	7/20/2016 8:50:30 PM	26468
2-Methylnaphthalene	0.49	0.24	D	mg/Kg	2	7/20/2016 8:50:30 PM	26468
Acetone	ND	0.90	D	mg/Kg	2	7/20/2016 8:50:30 PM	26468
Bromobenzene	ND	0.060	D	mg/Kg	2	7/20/2016 8:50:30 PM	26468
Bromodichloromethane	ND	0.060	D	mg/Kg	2	7/20/2016 8:50:30 PM	26468
Bromoform	ND	0.060	D	mg/Kg	2	7/20/2016 8:50:30 PM	26468
Bromomethane	ND	0.18	D	mg/Kg	2	7/20/2016 8:50:30 PM	26468
2-Butanone	ND	0.60	D	mg/Kg	2	7/20/2016 8:50:30 PM	26468
Carbon disulfide	ND	0.60	D	mg/Kg	2	7/20/2016 8:50:30 PM	26468
Carbon tetrachloride	ND	0.060	D	mg/Kg	2	7/20/2016 8:50:30 PM	26468
Chlorobenzene	ND	0.060	D	mg/Kg	2	7/20/2016 8:50:30 PM	26468
Chloroethane	ND	0.12	D	mg/Kg	2	7/20/2016 8:50:30 PM	26468
Chloroform	ND	0.060	D	mg/Kg	2	7/20/2016 8:50:30 PM	26468
Chloromethane	ND	0.18	D	mg/Kg	2	7/20/2016 8:50:30 PM	26468
2-Chlorotoluene	ND	0.060	D	mg/Kg	2	7/20/2016 8:50:30 PM	26468
4-Chlorotoluene	ND	0.060	D	mg/Kg	2	7/20/2016 8:50:30 PM	26468
cis-1,2-DCE	ND	0.060	D	mg/Kg	2	7/20/2016 8:50:30 PM	26468
cis-1,3-Dichloropropene	ND	0.060	D	mg/Kg	2	7/20/2016 8:50:30 PM	26468
1,2-Dibromo-3-chloropropane	ND	0.12	D	mg/Kg	2	7/20/2016 8:50:30 PM	26468
Dibromochloromethane	ND	0.060	D	mg/Kg	2	7/20/2016 8:50:30 PM	26468
Dibromomethane	ND	0.060	D	mg/Kg	2	7/20/2016 8:50:30 PM	26468
1,2-Dichlorobenzene	ND	0.060	D	mg/Kg	2	7/20/2016 8:50:30 PM	26468
1,3-Dichlorobenzene	ND	0.060	D	mg/Kg	2	7/20/2016 8:50:30 PM	26468
1,4-Dichlorobenzene	ND	0.060	D	mg/Kg	2	7/20/2016 8:50:30 PM	26468
Dichlorodifluoromethane	ND	0.060	D	mg/Kg	2	7/20/2016 8:50:30 PM	26468
1,1-Dichloroethane	ND	0.060	D	mg/Kg	2	7/20/2016 8:50:30 PM	26468
1,1-Dichloroethene	ND	0.060	D	mg/Kg	2	7/20/2016 8:50:30 PM	26468
1,2-Dichloropropane	ND	0.060	D	mg/Kg	2	7/20/2016 8:50:30 PM	26468
1,3-Dichloropropane	ND	0.060	D	mg/Kg	2	7/20/2016 8:50:30 PM	26468
2,2-Dichloropropane	ND	0.12	D	mg/Kg	2	7/20/2016 8:50:30 PM	26468

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: MW-15 15'-16'
Project: Fairview Station
Collection Date: 7/11/2016 12:30:00 PM
Lab ID: 1607732-002
Matrix: MEOH (SOIL)
Received Date: 7/15/2016 8:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**	
1,1-Dichloropropene	ND	0.12	D	mg/Kg	2	7/20/2016 8:50:30 PM	26468
Hexachlorobutadiene	ND	0.12	D	mg/Kg	2	7/20/2016 8:50:30 PM	26468
2-Hexanone	ND	0.60	D	mg/Kg	2	7/20/2016 8:50:30 PM	26468
Isopropylbenzene	0.064	0.060	D	mg/Kg	2	7/20/2016 8:50:30 PM	26468
4-Isopropyltoluene	ND	0.060	D	mg/Kg	2	7/20/2016 8:50:30 PM	26468
4-Methyl-2-pentanone	ND	0.60	D	mg/Kg	2	7/20/2016 8:50:30 PM	26468
Methylene chloride	ND	0.18	D	mg/Kg	2	7/20/2016 8:50:30 PM	26468
n-Butylbenzene	ND	0.18	D	mg/Kg	2	7/20/2016 8:50:30 PM	26468
n-Propylbenzene	0.23	0.060	D	mg/Kg	2	7/20/2016 8:50:30 PM	26468
sec-Butylbenzene	ND	0.060	D	mg/Kg	2	7/20/2016 8:50:30 PM	26468
Styrene	ND	0.060	D	mg/Kg	2	7/20/2016 8:50:30 PM	26468
tert-Butylbenzene	ND	0.060	D	mg/Kg	2	7/20/2016 8:50:30 PM	26468
1,1,1,2-Tetrachloroethane	ND	0.060	D	mg/Kg	2	7/20/2016 8:50:30 PM	26468
1,1,2,2-Tetrachloroethane	ND	0.060	D	mg/Kg	2	7/20/2016 8:50:30 PM	26468
Tetrachloroethene (PCE)	ND	0.060	D	mg/Kg	2	7/20/2016 8:50:30 PM	26468
trans-1,2-DCE	ND	0.060	D	mg/Kg	2	7/20/2016 8:50:30 PM	26468
trans-1,3-Dichloropropene	ND	0.060	D	mg/Kg	2	7/20/2016 8:50:30 PM	26468
1,2,3-Trichlorobenzene	ND	0.12	D	mg/Kg	2	7/20/2016 8:50:30 PM	26468
1,2,4-Trichlorobenzene	ND	0.060	D	mg/Kg	2	7/20/2016 8:50:30 PM	26468
1,1,1-Trichloroethane	ND	0.060	D	mg/Kg	2	7/20/2016 8:50:30 PM	26468
1,1,2-Trichloroethane	ND	0.060	D	mg/Kg	2	7/20/2016 8:50:30 PM	26468
Trichloroethene (TCE)	ND	0.060	D	mg/Kg	2	7/20/2016 8:50:30 PM	26468
Trichlorofluoromethane	ND	0.060	D	mg/Kg	2	7/20/2016 8:50:30 PM	26468
1,2,3-Trichloropropane	ND	0.12	D	mg/Kg	2	7/20/2016 8:50:30 PM	26468
Vinyl chloride	ND	0.060	D	mg/Kg	2	7/20/2016 8:50:30 PM	26468
Xylenes, Total	2.3	0.12	D	mg/Kg	2	7/20/2016 8:50:30 PM	26468
Surr: Dibromofluoromethane	101	70-130	D	%Rec	2	7/20/2016 8:50:30 PM	26468
Surr: 1,2-Dichloroethane-d4	91.0	70-130	D	%Rec	2	7/20/2016 8:50:30 PM	26468
Surr: Toluene-d8	97.3	70-130	D	%Rec	2	7/20/2016 8:50:30 PM	26468
Surr: 4-Bromofluorobenzene	99.2	70-130	D	%Rec	2	7/20/2016 8:50:30 PM	26468

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: MW-15 26'-27'
Project: Fairview Station
Collection Date: 7/11/2016 1:00:00 PM
Lab ID: 1607732-003
Matrix: MEOH (SOIL)
Received Date: 7/15/2016 8:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**	
Benzene	13	0.26	D	mg/Kg	20	7/20/2016 9:18:52 PM	26468
Toluene	18	0.52	D	mg/Kg	20	7/20/2016 9:18:52 PM	26468
Ethylbenzene	15	0.52	D	mg/Kg	20	7/20/2016 9:18:52 PM	26468
Methyl tert-butyl ether (MTBE)	1.3	0.52	D	mg/Kg	20	7/20/2016 9:18:52 PM	26468
1,2,4-Trimethylbenzene	25	0.52	D	mg/Kg	20	7/20/2016 9:18:52 PM	26468
1,3,5-Trimethylbenzene	7.6	0.52	D	mg/Kg	20	7/20/2016 9:18:52 PM	26468
1,2-Dichloroethane (EDC)	ND	0.52	D	mg/Kg	20	7/20/2016 9:18:52 PM	26468
1,2-Dibromoethane (EDB)	ND	0.52	D	mg/Kg	20	7/20/2016 9:18:52 PM	26468
Naphthalene	4.0	1.0	D	mg/Kg	20	7/20/2016 9:18:52 PM	26468
1-Methylnaphthalene	ND	2.1	D	mg/Kg	20	7/20/2016 9:18:52 PM	26468
2-Methylnaphthalene	3.5	2.1	D	mg/Kg	20	7/20/2016 9:18:52 PM	26468
Acetone	ND	7.8	D	mg/Kg	20	7/20/2016 9:18:52 PM	26468
Bromobenzene	ND	0.52	D	mg/Kg	20	7/20/2016 9:18:52 PM	26468
Bromodichloromethane	ND	0.52	D	mg/Kg	20	7/20/2016 9:18:52 PM	26468
Bromoform	ND	0.52	D	mg/Kg	20	7/20/2016 9:18:52 PM	26468
Bromomethane	ND	1.6	D	mg/Kg	20	7/20/2016 9:18:52 PM	26468
2-Butanone	ND	5.2	D	mg/Kg	20	7/20/2016 9:18:52 PM	26468
Carbon disulfide	ND	5.2	D	mg/Kg	20	7/20/2016 9:18:52 PM	26468
Carbon tetrachloride	ND	0.52	D	mg/Kg	20	7/20/2016 9:18:52 PM	26468
Chlorobenzene	ND	0.52	D	mg/Kg	20	7/20/2016 9:18:52 PM	26468
Chloroethane	ND	1.0	D	mg/Kg	20	7/20/2016 9:18:52 PM	26468
Chloroform	ND	0.52	D	mg/Kg	20	7/20/2016 9:18:52 PM	26468
Chloromethane	ND	1.6	D	mg/Kg	20	7/20/2016 9:18:52 PM	26468
2-Chlorotoluene	ND	0.52	D	mg/Kg	20	7/20/2016 9:18:52 PM	26468
4-Chlorotoluene	ND	0.52	D	mg/Kg	20	7/20/2016 9:18:52 PM	26468
cis-1,2-DCE	ND	0.52	D	mg/Kg	20	7/20/2016 9:18:52 PM	26468
cis-1,3-Dichloropropene	ND	0.52	D	mg/Kg	20	7/20/2016 9:18:52 PM	26468
1,2-Dibromo-3-chloropropane	ND	1.0	D	mg/Kg	20	7/20/2016 9:18:52 PM	26468
Dibromochloromethane	ND	0.52	D	mg/Kg	20	7/20/2016 9:18:52 PM	26468
Dibromomethane	ND	0.52	D	mg/Kg	20	7/20/2016 9:18:52 PM	26468
1,2-Dichlorobenzene	ND	0.52	D	mg/Kg	20	7/20/2016 9:18:52 PM	26468
1,3-Dichlorobenzene	ND	0.52	D	mg/Kg	20	7/20/2016 9:18:52 PM	26468
1,4-Dichlorobenzene	ND	0.52	D	mg/Kg	20	7/20/2016 9:18:52 PM	26468
Dichlorodifluoromethane	ND	0.52	D	mg/Kg	20	7/20/2016 9:18:52 PM	26468
1,1-Dichloroethane	ND	0.52	D	mg/Kg	20	7/20/2016 9:18:52 PM	26468
1,1-Dichloroethene	ND	0.52	D	mg/Kg	20	7/20/2016 9:18:52 PM	26468
1,2-Dichloropropane	ND	0.52	D	mg/Kg	20	7/20/2016 9:18:52 PM	26468
1,3-Dichloropropane	ND	0.52	D	mg/Kg	20	7/20/2016 9:18:52 PM	26468
2,2-Dichloropropane	ND	1.0	D	mg/Kg	20	7/20/2016 9:18:52 PM	26468

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: MW-15 26'-27'
Project: Fairview Station
Collection Date: 7/11/2016 1:00:00 PM
Lab ID: 1607732-003
Matrix: MEOH (SOIL)
Received Date: 7/15/2016 8:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**	
1,1-Dichloropropene	ND	1.0	D	mg/Kg	20	7/20/2016 9:18:52 PM	26468
Hexachlorobutadiene	ND	1.0	D	mg/Kg	20	7/20/2016 9:18:52 PM	26468
2-Hexanone	ND	5.2	D	mg/Kg	20	7/20/2016 9:18:52 PM	26468
Isopropylbenzene	1.2	0.52	D	mg/Kg	20	7/20/2016 9:18:52 PM	26468
4-Isopropyltoluene	ND	0.52	D	mg/Kg	20	7/20/2016 9:18:52 PM	26468
4-Methyl-2-pentanone	ND	5.2	D	mg/Kg	20	7/20/2016 9:18:52 PM	26468
Methylene chloride	ND	1.6	D	mg/Kg	20	7/20/2016 9:18:52 PM	26468
n-Butylbenzene	1.6	1.6	D	mg/Kg	20	7/20/2016 9:18:52 PM	26468
n-Propylbenzene	5.1	0.52	D	mg/Kg	20	7/20/2016 9:18:52 PM	26468
sec-Butylbenzene	0.57	0.52	D	mg/Kg	20	7/20/2016 9:18:52 PM	26468
Styrene	ND	0.52	D	mg/Kg	20	7/20/2016 9:18:52 PM	26468
tert-Butylbenzene	ND	0.52	D	mg/Kg	20	7/20/2016 9:18:52 PM	26468
1,1,1,2-Tetrachloroethane	ND	0.52	D	mg/Kg	20	7/20/2016 9:18:52 PM	26468
1,1,2,2-Tetrachloroethane	ND	0.52	D	mg/Kg	20	7/20/2016 9:18:52 PM	26468
Tetrachloroethene (PCE)	ND	0.52	D	mg/Kg	20	7/20/2016 9:18:52 PM	26468
trans-1,2-DCE	ND	0.52	D	mg/Kg	20	7/20/2016 9:18:52 PM	26468
trans-1,3-Dichloropropene	ND	0.52	D	mg/Kg	20	7/20/2016 9:18:52 PM	26468
1,2,3-Trichlorobenzene	ND	1.0	D	mg/Kg	20	7/20/2016 9:18:52 PM	26468
1,2,4-Trichlorobenzene	ND	0.52	D	mg/Kg	20	7/20/2016 9:18:52 PM	26468
1,1,1-Trichloroethane	ND	0.52	D	mg/Kg	20	7/20/2016 9:18:52 PM	26468
1,1,2-Trichloroethane	ND	0.52	D	mg/Kg	20	7/20/2016 9:18:52 PM	26468
Trichloroethene (TCE)	ND	0.52	D	mg/Kg	20	7/20/2016 9:18:52 PM	26468
Trichlorofluoromethane	ND	0.52	D	mg/Kg	20	7/20/2016 9:18:52 PM	26468
1,2,3-Trichloropropane	ND	1.0	D	mg/Kg	20	7/20/2016 9:18:52 PM	26468
Vinyl chloride	ND	0.52	D	mg/Kg	20	7/20/2016 9:18:52 PM	26468
Xylenes, Total	49	1.0	D	mg/Kg	20	7/20/2016 9:18:52 PM	26468
Surr: Dibromofluoromethane	75.0	70-130	D	%Rec	20	7/20/2016 9:18:52 PM	26468
Surr: 1,2-Dichloroethane-d4	69.6	70-130	SD	%Rec	20	7/20/2016 9:18:52 PM	26468
Surr: Toluene-d8	97.6	70-130	D	%Rec	20	7/20/2016 9:18:52 PM	26468
Surr: 4-Bromofluorobenzene	103	70-130	D	%Rec	20	7/20/2016 9:18:52 PM	26468

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: MW-16 11'-12'
Project: Fairview Station
Collection Date: 7/11/2016 10:18:00 AM
Lab ID: 1607732-004
Matrix: MEOH (SOIL)
Received Date: 7/15/2016 8:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**	
Benzene	ND	0.012		mg/Kg	1	7/20/2016 9:47:15 PM	26468
Toluene	ND	0.025		mg/Kg	1	7/20/2016 9:47:15 PM	26468
Ethylbenzene	ND	0.025		mg/Kg	1	7/20/2016 9:47:15 PM	26468
Methyl tert-butyl ether (MTBE)	ND	0.025		mg/Kg	1	7/20/2016 9:47:15 PM	26468
1,2,4-Trimethylbenzene	ND	0.025		mg/Kg	1	7/20/2016 9:47:15 PM	26468
1,3,5-Trimethylbenzene	ND	0.025		mg/Kg	1	7/20/2016 9:47:15 PM	26468
1,2-Dichloroethane (EDC)	ND	0.025		mg/Kg	1	7/20/2016 9:47:15 PM	26468
1,2-Dibromoethane (EDB)	ND	0.025		mg/Kg	1	7/20/2016 9:47:15 PM	26468
Naphthalene	ND	0.050		mg/Kg	1	7/20/2016 9:47:15 PM	26468
1-Methylnaphthalene	ND	0.099		mg/Kg	1	7/20/2016 9:47:15 PM	26468
2-Methylnaphthalene	ND	0.099		mg/Kg	1	7/20/2016 9:47:15 PM	26468
Acetone	ND	0.37		mg/Kg	1	7/20/2016 9:47:15 PM	26468
Bromobenzene	ND	0.025		mg/Kg	1	7/20/2016 9:47:15 PM	26468
Bromodichloromethane	ND	0.025		mg/Kg	1	7/20/2016 9:47:15 PM	26468
Bromoform	ND	0.025		mg/Kg	1	7/20/2016 9:47:15 PM	26468
Bromomethane	ND	0.074		mg/Kg	1	7/20/2016 9:47:15 PM	26468
2-Butanone	ND	0.25		mg/Kg	1	7/20/2016 9:47:15 PM	26468
Carbon disulfide	ND	0.25		mg/Kg	1	7/20/2016 9:47:15 PM	26468
Carbon tetrachloride	ND	0.025		mg/Kg	1	7/20/2016 9:47:15 PM	26468
Chlorobenzene	ND	0.025		mg/Kg	1	7/20/2016 9:47:15 PM	26468
Chloroethane	ND	0.050		mg/Kg	1	7/20/2016 9:47:15 PM	26468
Chloroform	ND	0.025		mg/Kg	1	7/20/2016 9:47:15 PM	26468
Chloromethane	ND	0.074		mg/Kg	1	7/20/2016 9:47:15 PM	26468
2-Chlorotoluene	ND	0.025		mg/Kg	1	7/20/2016 9:47:15 PM	26468
4-Chlorotoluene	ND	0.025		mg/Kg	1	7/20/2016 9:47:15 PM	26468
cis-1,2-DCE	ND	0.025		mg/Kg	1	7/20/2016 9:47:15 PM	26468
cis-1,3-Dichloropropene	ND	0.025		mg/Kg	1	7/20/2016 9:47:15 PM	26468
1,2-Dibromo-3-chloropropane	ND	0.050		mg/Kg	1	7/20/2016 9:47:15 PM	26468
Dibromochloromethane	ND	0.025		mg/Kg	1	7/20/2016 9:47:15 PM	26468
Dibromomethane	ND	0.025		mg/Kg	1	7/20/2016 9:47:15 PM	26468
1,2-Dichlorobenzene	ND	0.025		mg/Kg	1	7/20/2016 9:47:15 PM	26468
1,3-Dichlorobenzene	ND	0.025		mg/Kg	1	7/20/2016 9:47:15 PM	26468
1,4-Dichlorobenzene	ND	0.025		mg/Kg	1	7/20/2016 9:47:15 PM	26468
Dichlorodifluoromethane	ND	0.025		mg/Kg	1	7/20/2016 9:47:15 PM	26468
1,1-Dichloroethane	ND	0.025		mg/Kg	1	7/20/2016 9:47:15 PM	26468
1,1-Dichloroethene	ND	0.025		mg/Kg	1	7/20/2016 9:47:15 PM	26468
1,2-Dichloropropane	ND	0.025		mg/Kg	1	7/20/2016 9:47:15 PM	26468
1,3-Dichloropropane	ND	0.025		mg/Kg	1	7/20/2016 9:47:15 PM	26468
2,2-Dichloropropane	ND	0.050		mg/Kg	1	7/20/2016 9:47:15 PM	26468

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: MW-16 11'-12'
Project: Fairview Station
Collection Date: 7/11/2016 10:18:00 AM
Lab ID: 1607732-004
Matrix: MEOH (SOIL)
Received Date: 7/15/2016 8:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**	
1,1-Dichloropropene	ND	0.050		mg/Kg	1	7/20/2016 9:47:15 PM	26468
Hexachlorobutadiene	ND	0.050		mg/Kg	1	7/20/2016 9:47:15 PM	26468
2-Hexanone	ND	0.25		mg/Kg	1	7/20/2016 9:47:15 PM	26468
Isopropylbenzene	ND	0.025		mg/Kg	1	7/20/2016 9:47:15 PM	26468
4-Isopropyltoluene	ND	0.025		mg/Kg	1	7/20/2016 9:47:15 PM	26468
4-Methyl-2-pentanone	ND	0.25		mg/Kg	1	7/20/2016 9:47:15 PM	26468
Methylene chloride	ND	0.074		mg/Kg	1	7/20/2016 9:47:15 PM	26468
n-Butylbenzene	ND	0.074		mg/Kg	1	7/20/2016 9:47:15 PM	26468
n-Propylbenzene	ND	0.025		mg/Kg	1	7/20/2016 9:47:15 PM	26468
sec-Butylbenzene	ND	0.025		mg/Kg	1	7/20/2016 9:47:15 PM	26468
Styrene	ND	0.025		mg/Kg	1	7/20/2016 9:47:15 PM	26468
tert-Butylbenzene	ND	0.025		mg/Kg	1	7/20/2016 9:47:15 PM	26468
1,1,1,2-Tetrachloroethane	ND	0.025		mg/Kg	1	7/20/2016 9:47:15 PM	26468
1,1,2,2-Tetrachloroethane	ND	0.025		mg/Kg	1	7/20/2016 9:47:15 PM	26468
Tetrachloroethene (PCE)	ND	0.025		mg/Kg	1	7/20/2016 9:47:15 PM	26468
trans-1,2-DCE	ND	0.025		mg/Kg	1	7/20/2016 9:47:15 PM	26468
trans-1,3-Dichloropropene	ND	0.025		mg/Kg	1	7/20/2016 9:47:15 PM	26468
1,2,3-Trichlorobenzene	ND	0.050		mg/Kg	1	7/20/2016 9:47:15 PM	26468
1,2,4-Trichlorobenzene	ND	0.025		mg/Kg	1	7/20/2016 9:47:15 PM	26468
1,1,1-Trichloroethane	ND	0.025		mg/Kg	1	7/20/2016 9:47:15 PM	26468
1,1,2-Trichloroethane	ND	0.025		mg/Kg	1	7/20/2016 9:47:15 PM	26468
Trichloroethene (TCE)	ND	0.025		mg/Kg	1	7/20/2016 9:47:15 PM	26468
Trichlorofluoromethane	ND	0.025		mg/Kg	1	7/20/2016 9:47:15 PM	26468
1,2,3-Trichloropropane	ND	0.050		mg/Kg	1	7/20/2016 9:47:15 PM	26468
Vinyl chloride	ND	0.025		mg/Kg	1	7/20/2016 9:47:15 PM	26468
Xylenes, Total	ND	0.050		mg/Kg	1	7/20/2016 9:47:15 PM	26468
Surr: Dibromofluoromethane	106	70-130		%Rec	1	7/20/2016 9:47:15 PM	26468
Surr: 1,2-Dichloroethane-d4	95.0	70-130		%Rec	1	7/20/2016 9:47:15 PM	26468
Surr: Toluene-d8	94.6	70-130		%Rec	1	7/20/2016 9:47:15 PM	26468
Surr: 4-Bromofluorobenzene	96.3	70-130		%Rec	1	7/20/2016 9:47:15 PM	26468

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: MW-16 15'-16'
Project: Fairview Station
Collection Date: 7/11/2016 10:22:00 AM
Lab ID: 1607732-005
Matrix: MEOH (SOIL)
Received Date: 7/15/2016 8:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**	
Benzene	ND	0.014		mg/Kg	1	7/20/2016 10:15:34 PM	26468
Toluene	ND	0.029		mg/Kg	1	7/20/2016 10:15:34 PM	26468
Ethylbenzene	ND	0.029		mg/Kg	1	7/20/2016 10:15:34 PM	26468
Methyl tert-butyl ether (MTBE)	ND	0.029		mg/Kg	1	7/20/2016 10:15:34 PM	26468
1,2,4-Trimethylbenzene	ND	0.029		mg/Kg	1	7/20/2016 10:15:34 PM	26468
1,3,5-Trimethylbenzene	ND	0.029		mg/Kg	1	7/20/2016 10:15:34 PM	26468
1,2-Dichloroethane (EDC)	ND	0.029		mg/Kg	1	7/20/2016 10:15:34 PM	26468
1,2-Dibromoethane (EDB)	ND	0.029		mg/Kg	1	7/20/2016 10:15:34 PM	26468
Naphthalene	ND	0.057		mg/Kg	1	7/20/2016 10:15:34 PM	26468
1-Methylnaphthalene	ND	0.11		mg/Kg	1	7/20/2016 10:15:34 PM	26468
2-Methylnaphthalene	ND	0.11		mg/Kg	1	7/20/2016 10:15:34 PM	26468
Acetone	ND	0.43		mg/Kg	1	7/20/2016 10:15:34 PM	26468
Bromobenzene	ND	0.029		mg/Kg	1	7/20/2016 10:15:34 PM	26468
Bromodichloromethane	ND	0.029		mg/Kg	1	7/20/2016 10:15:34 PM	26468
Bromoform	ND	0.029		mg/Kg	1	7/20/2016 10:15:34 PM	26468
Bromomethane	ND	0.086		mg/Kg	1	7/20/2016 10:15:34 PM	26468
2-Butanone	ND	0.29		mg/Kg	1	7/20/2016 10:15:34 PM	26468
Carbon disulfide	ND	0.29		mg/Kg	1	7/20/2016 10:15:34 PM	26468
Carbon tetrachloride	ND	0.029		mg/Kg	1	7/20/2016 10:15:34 PM	26468
Chlorobenzene	ND	0.029		mg/Kg	1	7/20/2016 10:15:34 PM	26468
Chloroethane	ND	0.057		mg/Kg	1	7/20/2016 10:15:34 PM	26468
Chloroform	ND	0.029		mg/Kg	1	7/20/2016 10:15:34 PM	26468
Chloromethane	ND	0.086		mg/Kg	1	7/20/2016 10:15:34 PM	26468
2-Chlorotoluene	ND	0.029		mg/Kg	1	7/20/2016 10:15:34 PM	26468
4-Chlorotoluene	ND	0.029		mg/Kg	1	7/20/2016 10:15:34 PM	26468
cis-1,2-DCE	ND	0.029		mg/Kg	1	7/20/2016 10:15:34 PM	26468
cis-1,3-Dichloropropene	ND	0.029		mg/Kg	1	7/20/2016 10:15:34 PM	26468
1,2-Dibromo-3-chloropropane	ND	0.057		mg/Kg	1	7/20/2016 10:15:34 PM	26468
Dibromochloromethane	ND	0.029		mg/Kg	1	7/20/2016 10:15:34 PM	26468
Dibromomethane	ND	0.029		mg/Kg	1	7/20/2016 10:15:34 PM	26468
1,2-Dichlorobenzene	ND	0.029		mg/Kg	1	7/20/2016 10:15:34 PM	26468
1,3-Dichlorobenzene	ND	0.029		mg/Kg	1	7/20/2016 10:15:34 PM	26468
1,4-Dichlorobenzene	ND	0.029		mg/Kg	1	7/20/2016 10:15:34 PM	26468
Dichlorodifluoromethane	ND	0.029		mg/Kg	1	7/20/2016 10:15:34 PM	26468
1,1-Dichloroethane	ND	0.029		mg/Kg	1	7/20/2016 10:15:34 PM	26468
1,1-Dichloroethene	ND	0.029		mg/Kg	1	7/20/2016 10:15:34 PM	26468
1,2-Dichloropropane	ND	0.029		mg/Kg	1	7/20/2016 10:15:34 PM	26468
1,3-Dichloropropane	ND	0.029		mg/Kg	1	7/20/2016 10:15:34 PM	26468
2,2-Dichloropropane	ND	0.057		mg/Kg	1	7/20/2016 10:15:34 PM	26468

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: MW-16 15'-16'
Project: Fairview Station
Collection Date: 7/11/2016 10:22:00 AM
Lab ID: 1607732-005
Matrix: MEOH (SOIL)
Received Date: 7/15/2016 8:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**	
1,1-Dichloropropene	ND	0.057		mg/Kg	1	7/20/2016 10:15:34 PM	26468
Hexachlorobutadiene	ND	0.057		mg/Kg	1	7/20/2016 10:15:34 PM	26468
2-Hexanone	ND	0.29		mg/Kg	1	7/20/2016 10:15:34 PM	26468
Isopropylbenzene	ND	0.029		mg/Kg	1	7/20/2016 10:15:34 PM	26468
4-Isopropyltoluene	ND	0.029		mg/Kg	1	7/20/2016 10:15:34 PM	26468
4-Methyl-2-pentanone	ND	0.29		mg/Kg	1	7/20/2016 10:15:34 PM	26468
Methylene chloride	ND	0.086		mg/Kg	1	7/20/2016 10:15:34 PM	26468
n-Butylbenzene	ND	0.086		mg/Kg	1	7/20/2016 10:15:34 PM	26468
n-Propylbenzene	ND	0.029		mg/Kg	1	7/20/2016 10:15:34 PM	26468
sec-Butylbenzene	ND	0.029		mg/Kg	1	7/20/2016 10:15:34 PM	26468
Styrene	ND	0.029		mg/Kg	1	7/20/2016 10:15:34 PM	26468
tert-Butylbenzene	ND	0.029		mg/Kg	1	7/20/2016 10:15:34 PM	26468
1,1,1,2-Tetrachloroethane	ND	0.029		mg/Kg	1	7/20/2016 10:15:34 PM	26468
1,1,2,2-Tetrachloroethane	ND	0.029		mg/Kg	1	7/20/2016 10:15:34 PM	26468
Tetrachloroethene (PCE)	ND	0.029		mg/Kg	1	7/20/2016 10:15:34 PM	26468
trans-1,2-DCE	ND	0.029		mg/Kg	1	7/20/2016 10:15:34 PM	26468
trans-1,3-Dichloropropene	ND	0.029		mg/Kg	1	7/20/2016 10:15:34 PM	26468
1,2,3-Trichlorobenzene	ND	0.057		mg/Kg	1	7/20/2016 10:15:34 PM	26468
1,2,4-Trichlorobenzene	ND	0.029		mg/Kg	1	7/20/2016 10:15:34 PM	26468
1,1,1-Trichloroethane	ND	0.029		mg/Kg	1	7/20/2016 10:15:34 PM	26468
1,1,2-Trichloroethane	ND	0.029		mg/Kg	1	7/20/2016 10:15:34 PM	26468
Trichloroethene (TCE)	ND	0.029		mg/Kg	1	7/20/2016 10:15:34 PM	26468
Trichlorofluoromethane	ND	0.029		mg/Kg	1	7/20/2016 10:15:34 PM	26468
1,2,3-Trichloropropane	ND	0.057		mg/Kg	1	7/20/2016 10:15:34 PM	26468
Vinyl chloride	ND	0.029		mg/Kg	1	7/20/2016 10:15:34 PM	26468
Xylenes, Total	ND	0.057		mg/Kg	1	7/20/2016 10:15:34 PM	26468
Surr: Dibromofluoromethane	110	70-130		%Rec	1	7/20/2016 10:15:34 PM	26468
Surr: 1,2-Dichloroethane-d4	101	70-130		%Rec	1	7/20/2016 10:15:34 PM	26468
Surr: Toluene-d8	95.7	70-130		%Rec	1	7/20/2016 10:15:34 PM	26468
Surr: 4-Bromofluorobenzene	97.0	70-130		%Rec	1	7/20/2016 10:15:34 PM	26468

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: MW-16 26'-27'
Project: Fairview Station
Collection Date: 7/11/2016 10:36:00 AM
Lab ID: 1607732-006
Matrix: MEOH (SOIL)
Received Date: 7/15/2016 8:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**	
Benzene	ND	0.012		mg/Kg	1	7/20/2016 10:43:57 PM	26468
Toluene	ND	0.025		mg/Kg	1	7/20/2016 10:43:57 PM	26468
Ethylbenzene	ND	0.025		mg/Kg	1	7/20/2016 10:43:57 PM	26468
Methyl tert-butyl ether (MTBE)	ND	0.025		mg/Kg	1	7/20/2016 10:43:57 PM	26468
1,2,4-Trimethylbenzene	ND	0.025		mg/Kg	1	7/20/2016 10:43:57 PM	26468
1,3,5-Trimethylbenzene	ND	0.025		mg/Kg	1	7/20/2016 10:43:57 PM	26468
1,2-Dichloroethane (EDC)	ND	0.025		mg/Kg	1	7/20/2016 10:43:57 PM	26468
1,2-Dibromoethane (EDB)	ND	0.025		mg/Kg	1	7/20/2016 10:43:57 PM	26468
Naphthalene	ND	0.049		mg/Kg	1	7/20/2016 10:43:57 PM	26468
1-Methylnaphthalene	ND	0.099		mg/Kg	1	7/20/2016 10:43:57 PM	26468
2-Methylnaphthalene	ND	0.099		mg/Kg	1	7/20/2016 10:43:57 PM	26468
Acetone	ND	0.37		mg/Kg	1	7/20/2016 10:43:57 PM	26468
Bromobenzene	ND	0.025		mg/Kg	1	7/20/2016 10:43:57 PM	26468
Bromodichloromethane	ND	0.025		mg/Kg	1	7/20/2016 10:43:57 PM	26468
Bromoform	ND	0.025		mg/Kg	1	7/20/2016 10:43:57 PM	26468
Bromomethane	ND	0.074		mg/Kg	1	7/20/2016 10:43:57 PM	26468
2-Butanone	ND	0.25		mg/Kg	1	7/20/2016 10:43:57 PM	26468
Carbon disulfide	ND	0.25		mg/Kg	1	7/20/2016 10:43:57 PM	26468
Carbon tetrachloride	ND	0.025		mg/Kg	1	7/20/2016 10:43:57 PM	26468
Chlorobenzene	ND	0.025		mg/Kg	1	7/20/2016 10:43:57 PM	26468
Chloroethane	ND	0.049		mg/Kg	1	7/20/2016 10:43:57 PM	26468
Chloroform	ND	0.025		mg/Kg	1	7/20/2016 10:43:57 PM	26468
Chloromethane	ND	0.074		mg/Kg	1	7/20/2016 10:43:57 PM	26468
2-Chlorotoluene	ND	0.025		mg/Kg	1	7/20/2016 10:43:57 PM	26468
4-Chlorotoluene	ND	0.025		mg/Kg	1	7/20/2016 10:43:57 PM	26468
cis-1,2-DCE	ND	0.025		mg/Kg	1	7/20/2016 10:43:57 PM	26468
cis-1,3-Dichloropropene	ND	0.025		mg/Kg	1	7/20/2016 10:43:57 PM	26468
1,2-Dibromo-3-chloropropane	ND	0.049		mg/Kg	1	7/20/2016 10:43:57 PM	26468
Dibromochloromethane	ND	0.025		mg/Kg	1	7/20/2016 10:43:57 PM	26468
Dibromomethane	ND	0.025		mg/Kg	1	7/20/2016 10:43:57 PM	26468
1,2-Dichlorobenzene	ND	0.025		mg/Kg	1	7/20/2016 10:43:57 PM	26468
1,3-Dichlorobenzene	ND	0.025		mg/Kg	1	7/20/2016 10:43:57 PM	26468
1,4-Dichlorobenzene	ND	0.025		mg/Kg	1	7/20/2016 10:43:57 PM	26468
Dichlorodifluoromethane	ND	0.025		mg/Kg	1	7/20/2016 10:43:57 PM	26468
1,1-Dichloroethane	ND	0.025		mg/Kg	1	7/20/2016 10:43:57 PM	26468
1,1-Dichloroethene	ND	0.025		mg/Kg	1	7/20/2016 10:43:57 PM	26468
1,2-Dichloropropane	ND	0.025		mg/Kg	1	7/20/2016 10:43:57 PM	26468
1,3-Dichloropropane	ND	0.025		mg/Kg	1	7/20/2016 10:43:57 PM	26468
2,2-Dichloropropane	ND	0.049		mg/Kg	1	7/20/2016 10:43:57 PM	26468

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: MW-16 26'-27'
Project: Fairview Station
Collection Date: 7/11/2016 10:36:00 AM
Lab ID: 1607732-006
Matrix: MEOH (SOIL)
Received Date: 7/15/2016 8:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**	
1,1-Dichloropropene	ND	0.049		mg/Kg	1	7/20/2016 10:43:57 PM	26468
Hexachlorobutadiene	ND	0.049		mg/Kg	1	7/20/2016 10:43:57 PM	26468
2-Hexanone	ND	0.25		mg/Kg	1	7/20/2016 10:43:57 PM	26468
Isopropylbenzene	ND	0.025		mg/Kg	1	7/20/2016 10:43:57 PM	26468
4-Isopropyltoluene	ND	0.025		mg/Kg	1	7/20/2016 10:43:57 PM	26468
4-Methyl-2-pentanone	ND	0.25		mg/Kg	1	7/20/2016 10:43:57 PM	26468
Methylene chloride	ND	0.074		mg/Kg	1	7/20/2016 10:43:57 PM	26468
n-Butylbenzene	ND	0.074		mg/Kg	1	7/20/2016 10:43:57 PM	26468
n-Propylbenzene	ND	0.025		mg/Kg	1	7/20/2016 10:43:57 PM	26468
sec-Butylbenzene	ND	0.025		mg/Kg	1	7/20/2016 10:43:57 PM	26468
Styrene	ND	0.025		mg/Kg	1	7/20/2016 10:43:57 PM	26468
tert-Butylbenzene	ND	0.025		mg/Kg	1	7/20/2016 10:43:57 PM	26468
1,1,1,2-Tetrachloroethane	ND	0.025		mg/Kg	1	7/20/2016 10:43:57 PM	26468
1,1,2,2-Tetrachloroethane	ND	0.025		mg/Kg	1	7/20/2016 10:43:57 PM	26468
Tetrachloroethene (PCE)	ND	0.025		mg/Kg	1	7/20/2016 10:43:57 PM	26468
trans-1,2-DCE	ND	0.025		mg/Kg	1	7/20/2016 10:43:57 PM	26468
trans-1,3-Dichloropropene	ND	0.025		mg/Kg	1	7/20/2016 10:43:57 PM	26468
1,2,3-Trichlorobenzene	ND	0.049		mg/Kg	1	7/20/2016 10:43:57 PM	26468
1,2,4-Trichlorobenzene	ND	0.025		mg/Kg	1	7/20/2016 10:43:57 PM	26468
1,1,1-Trichloroethane	ND	0.025		mg/Kg	1	7/20/2016 10:43:57 PM	26468
1,1,2-Trichloroethane	ND	0.025		mg/Kg	1	7/20/2016 10:43:57 PM	26468
Trichloroethene (TCE)	ND	0.025		mg/Kg	1	7/20/2016 10:43:57 PM	26468
Trichlorofluoromethane	ND	0.025		mg/Kg	1	7/20/2016 10:43:57 PM	26468
1,2,3-Trichloropropane	ND	0.049		mg/Kg	1	7/20/2016 10:43:57 PM	26468
Vinyl chloride	ND	0.025		mg/Kg	1	7/20/2016 10:43:57 PM	26468
Xylenes, Total	ND	0.049		mg/Kg	1	7/20/2016 10:43:57 PM	26468
Surr: Dibromofluoromethane	106	70-130		%Rec	1	7/20/2016 10:43:57 PM	26468
Surr: 1,2-Dichloroethane-d4	97.4	70-130		%Rec	1	7/20/2016 10:43:57 PM	26468
Surr: Toluene-d8	96.9	70-130		%Rec	1	7/20/2016 10:43:57 PM	26468
Surr: 4-Bromofluorobenzene	101	70-130		%Rec	1	7/20/2016 10:43:57 PM	26468

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Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: MW-17 11'-12'
Project: Fairview Station
Collection Date: 7/13/2016 7:04:00 AM
Lab ID: 1607732-007
Matrix: MEOH (SOIL)
Received Date: 7/15/2016 8:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**	
Benzene	ND	0.015		mg/Kg	1	7/20/2016 11:12:18 PM	26468
Toluene	ND	0.029		mg/Kg	1	7/20/2016 11:12:18 PM	26468
Ethylbenzene	ND	0.029		mg/Kg	1	7/20/2016 11:12:18 PM	26468
Methyl tert-butyl ether (MTBE)	ND	0.029		mg/Kg	1	7/20/2016 11:12:18 PM	26468
1,2,4-Trimethylbenzene	ND	0.029		mg/Kg	1	7/20/2016 11:12:18 PM	26468
1,3,5-Trimethylbenzene	ND	0.029		mg/Kg	1	7/20/2016 11:12:18 PM	26468
1,2-Dichloroethane (EDC)	ND	0.029		mg/Kg	1	7/20/2016 11:12:18 PM	26468
1,2-Dibromoethane (EDB)	ND	0.029		mg/Kg	1	7/20/2016 11:12:18 PM	26468
Naphthalene	ND	0.058		mg/Kg	1	7/20/2016 11:12:18 PM	26468
1-Methylnaphthalene	ND	0.12		mg/Kg	1	7/20/2016 11:12:18 PM	26468
2-Methylnaphthalene	ND	0.12		mg/Kg	1	7/20/2016 11:12:18 PM	26468
Acetone	ND	0.44		mg/Kg	1	7/20/2016 11:12:18 PM	26468
Bromobenzene	ND	0.029		mg/Kg	1	7/20/2016 11:12:18 PM	26468
Bromodichloromethane	ND	0.029		mg/Kg	1	7/20/2016 11:12:18 PM	26468
Bromoform	ND	0.029		mg/Kg	1	7/20/2016 11:12:18 PM	26468
Bromomethane	ND	0.087		mg/Kg	1	7/20/2016 11:12:18 PM	26468
2-Butanone	ND	0.29		mg/Kg	1	7/20/2016 11:12:18 PM	26468
Carbon disulfide	ND	0.29		mg/Kg	1	7/20/2016 11:12:18 PM	26468
Carbon tetrachloride	ND	0.029		mg/Kg	1	7/20/2016 11:12:18 PM	26468
Chlorobenzene	ND	0.029		mg/Kg	1	7/20/2016 11:12:18 PM	26468
Chloroethane	ND	0.058		mg/Kg	1	7/20/2016 11:12:18 PM	26468
Chloroform	ND	0.029		mg/Kg	1	7/20/2016 11:12:18 PM	26468
Chloromethane	ND	0.087		mg/Kg	1	7/20/2016 11:12:18 PM	26468
2-Chlorotoluene	ND	0.029		mg/Kg	1	7/20/2016 11:12:18 PM	26468
4-Chlorotoluene	ND	0.029		mg/Kg	1	7/20/2016 11:12:18 PM	26468
cis-1,2-DCE	ND	0.029		mg/Kg	1	7/20/2016 11:12:18 PM	26468
cis-1,3-Dichloropropene	ND	0.029		mg/Kg	1	7/20/2016 11:12:18 PM	26468
1,2-Dibromo-3-chloropropane	ND	0.058		mg/Kg	1	7/20/2016 11:12:18 PM	26468
Dibromochloromethane	ND	0.029		mg/Kg	1	7/20/2016 11:12:18 PM	26468
Dibromomethane	ND	0.029		mg/Kg	1	7/20/2016 11:12:18 PM	26468
1,2-Dichlorobenzene	ND	0.029		mg/Kg	1	7/20/2016 11:12:18 PM	26468
1,3-Dichlorobenzene	ND	0.029		mg/Kg	1	7/20/2016 11:12:18 PM	26468
1,4-Dichlorobenzene	ND	0.029		mg/Kg	1	7/20/2016 11:12:18 PM	26468
Dichlorodifluoromethane	ND	0.029		mg/Kg	1	7/20/2016 11:12:18 PM	26468
1,1-Dichloroethane	ND	0.029		mg/Kg	1	7/20/2016 11:12:18 PM	26468
1,1-Dichloroethene	ND	0.029		mg/Kg	1	7/20/2016 11:12:18 PM	26468
1,2-Dichloropropane	ND	0.029		mg/Kg	1	7/20/2016 11:12:18 PM	26468
1,3-Dichloropropane	ND	0.029		mg/Kg	1	7/20/2016 11:12:18 PM	26468
2,2-Dichloropropane	ND	0.058		mg/Kg	1	7/20/2016 11:12:18 PM	26468

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: MW-17 11'-12'
Project: Fairview Station
Collection Date: 7/13/2016 7:04:00 AM
Lab ID: 1607732-007
Matrix: MEOH (SOIL)
Received Date: 7/15/2016 8:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**	
1,1-Dichloropropene	ND	0.058		mg/Kg	1	7/20/2016 11:12:18 PM	26468
Hexachlorobutadiene	ND	0.058		mg/Kg	1	7/20/2016 11:12:18 PM	26468
2-Hexanone	ND	0.29		mg/Kg	1	7/20/2016 11:12:18 PM	26468
Isopropylbenzene	ND	0.029		mg/Kg	1	7/20/2016 11:12:18 PM	26468
4-Isopropyltoluene	ND	0.029		mg/Kg	1	7/20/2016 11:12:18 PM	26468
4-Methyl-2-pentanone	ND	0.29		mg/Kg	1	7/20/2016 11:12:18 PM	26468
Methylene chloride	ND	0.087		mg/Kg	1	7/20/2016 11:12:18 PM	26468
n-Butylbenzene	ND	0.087		mg/Kg	1	7/20/2016 11:12:18 PM	26468
n-Propylbenzene	ND	0.029		mg/Kg	1	7/20/2016 11:12:18 PM	26468
sec-Butylbenzene	ND	0.029		mg/Kg	1	7/20/2016 11:12:18 PM	26468
Styrene	ND	0.029		mg/Kg	1	7/20/2016 11:12:18 PM	26468
tert-Butylbenzene	ND	0.029		mg/Kg	1	7/20/2016 11:12:18 PM	26468
1,1,1,2-Tetrachloroethane	ND	0.029		mg/Kg	1	7/20/2016 11:12:18 PM	26468
1,1,2,2-Tetrachloroethane	ND	0.029		mg/Kg	1	7/20/2016 11:12:18 PM	26468
Tetrachloroethene (PCE)	ND	0.029		mg/Kg	1	7/20/2016 11:12:18 PM	26468
trans-1,2-DCE	ND	0.029		mg/Kg	1	7/20/2016 11:12:18 PM	26468
trans-1,3-Dichloropropene	ND	0.029		mg/Kg	1	7/20/2016 11:12:18 PM	26468
1,2,3-Trichlorobenzene	ND	0.058		mg/Kg	1	7/20/2016 11:12:18 PM	26468
1,2,4-Trichlorobenzene	ND	0.029		mg/Kg	1	7/20/2016 11:12:18 PM	26468
1,1,1-Trichloroethane	ND	0.029		mg/Kg	1	7/20/2016 11:12:18 PM	26468
1,1,2-Trichloroethane	ND	0.029		mg/Kg	1	7/20/2016 11:12:18 PM	26468
Trichloroethene (TCE)	ND	0.029		mg/Kg	1	7/20/2016 11:12:18 PM	26468
Trichlorofluoromethane	ND	0.029		mg/Kg	1	7/20/2016 11:12:18 PM	26468
1,2,3-Trichloropropane	ND	0.058		mg/Kg	1	7/20/2016 11:12:18 PM	26468
Vinyl chloride	ND	0.029		mg/Kg	1	7/20/2016 11:12:18 PM	26468
Xylenes, Total	ND	0.058		mg/Kg	1	7/20/2016 11:12:18 PM	26468
Surr: Dibromofluoromethane	106	70-130		%Rec	1	7/20/2016 11:12:18 PM	26468
Surr: 1,2-Dichloroethane-d4	93.4	70-130		%Rec	1	7/20/2016 11:12:18 PM	26468
Surr: Toluene-d8	96.5	70-130		%Rec	1	7/20/2016 11:12:18 PM	26468
Surr: 4-Bromofluorobenzene	94.0	70-130		%Rec	1	7/20/2016 11:12:18 PM	26468

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: MW-17 15'-16'
Project: Fairview Station
Collection Date: 7/13/2016 7:10:00 AM
Lab ID: 1607732-008
Matrix: MEOH (SOIL)
Received Date: 7/15/2016 8:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**	
Benzene	ND	0.014		mg/Kg	1	7/20/2016 11:40:43 PM	26468
Toluene	ND	0.029		mg/Kg	1	7/20/2016 11:40:43 PM	26468
Ethylbenzene	ND	0.029		mg/Kg	1	7/20/2016 11:40:43 PM	26468
Methyl tert-butyl ether (MTBE)	ND	0.029		mg/Kg	1	7/20/2016 11:40:43 PM	26468
1,2,4-Trimethylbenzene	ND	0.029		mg/Kg	1	7/20/2016 11:40:43 PM	26468
1,3,5-Trimethylbenzene	ND	0.029		mg/Kg	1	7/20/2016 11:40:43 PM	26468
1,2-Dichloroethane (EDC)	ND	0.029		mg/Kg	1	7/20/2016 11:40:43 PM	26468
1,2-Dibromoethane (EDB)	ND	0.029		mg/Kg	1	7/20/2016 11:40:43 PM	26468
Naphthalene	ND	0.057		mg/Kg	1	7/20/2016 11:40:43 PM	26468
1-Methylnaphthalene	ND	0.11		mg/Kg	1	7/20/2016 11:40:43 PM	26468
2-Methylnaphthalene	ND	0.11		mg/Kg	1	7/20/2016 11:40:43 PM	26468
Acetone	ND	0.43		mg/Kg	1	7/20/2016 11:40:43 PM	26468
Bromobenzene	ND	0.029		mg/Kg	1	7/20/2016 11:40:43 PM	26468
Bromodichloromethane	ND	0.029		mg/Kg	1	7/20/2016 11:40:43 PM	26468
Bromoform	ND	0.029		mg/Kg	1	7/20/2016 11:40:43 PM	26468
Bromomethane	ND	0.086		mg/Kg	1	7/20/2016 11:40:43 PM	26468
2-Butanone	ND	0.29		mg/Kg	1	7/20/2016 11:40:43 PM	26468
Carbon disulfide	ND	0.29		mg/Kg	1	7/20/2016 11:40:43 PM	26468
Carbon tetrachloride	ND	0.029		mg/Kg	1	7/20/2016 11:40:43 PM	26468
Chlorobenzene	ND	0.029		mg/Kg	1	7/20/2016 11:40:43 PM	26468
Chloroethane	ND	0.057		mg/Kg	1	7/20/2016 11:40:43 PM	26468
Chloroform	ND	0.029		mg/Kg	1	7/20/2016 11:40:43 PM	26468
Chloromethane	ND	0.086		mg/Kg	1	7/20/2016 11:40:43 PM	26468
2-Chlorotoluene	ND	0.029		mg/Kg	1	7/20/2016 11:40:43 PM	26468
4-Chlorotoluene	ND	0.029		mg/Kg	1	7/20/2016 11:40:43 PM	26468
cis-1,2-DCE	ND	0.029		mg/Kg	1	7/20/2016 11:40:43 PM	26468
cis-1,3-Dichloropropene	ND	0.029		mg/Kg	1	7/20/2016 11:40:43 PM	26468
1,2-Dibromo-3-chloropropane	ND	0.057		mg/Kg	1	7/20/2016 11:40:43 PM	26468
Dibromochloromethane	ND	0.029		mg/Kg	1	7/20/2016 11:40:43 PM	26468
Dibromomethane	ND	0.029		mg/Kg	1	7/20/2016 11:40:43 PM	26468
1,2-Dichlorobenzene	ND	0.029		mg/Kg	1	7/20/2016 11:40:43 PM	26468
1,3-Dichlorobenzene	ND	0.029		mg/Kg	1	7/20/2016 11:40:43 PM	26468
1,4-Dichlorobenzene	ND	0.029		mg/Kg	1	7/20/2016 11:40:43 PM	26468
Dichlorodifluoromethane	ND	0.029		mg/Kg	1	7/20/2016 11:40:43 PM	26468
1,1-Dichloroethane	ND	0.029		mg/Kg	1	7/20/2016 11:40:43 PM	26468
1,1-Dichloroethene	ND	0.029		mg/Kg	1	7/20/2016 11:40:43 PM	26468
1,2-Dichloropropane	ND	0.029		mg/Kg	1	7/20/2016 11:40:43 PM	26468
1,3-Dichloropropane	ND	0.029		mg/Kg	1	7/20/2016 11:40:43 PM	26468
2,2-Dichloropropane	ND	0.057		mg/Kg	1	7/20/2016 11:40:43 PM	26468

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: MW-17 15'-16'
Project: Fairview Station
Collection Date: 7/13/2016 7:10:00 AM
Lab ID: 1607732-008
Matrix: MEOH (SOIL)
Received Date: 7/15/2016 8:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**	
1,1-Dichloropropene	ND	0.057		mg/Kg	1	7/20/2016 11:40:43 PM	26468
Hexachlorobutadiene	ND	0.057		mg/Kg	1	7/20/2016 11:40:43 PM	26468
2-Hexanone	ND	0.29		mg/Kg	1	7/20/2016 11:40:43 PM	26468
Isopropylbenzene	ND	0.029		mg/Kg	1	7/20/2016 11:40:43 PM	26468
4-Isopropyltoluene	ND	0.029		mg/Kg	1	7/20/2016 11:40:43 PM	26468
4-Methyl-2-pentanone	ND	0.29		mg/Kg	1	7/20/2016 11:40:43 PM	26468
Methylene chloride	ND	0.086		mg/Kg	1	7/20/2016 11:40:43 PM	26468
n-Butylbenzene	ND	0.086		mg/Kg	1	7/20/2016 11:40:43 PM	26468
n-Propylbenzene	ND	0.029		mg/Kg	1	7/20/2016 11:40:43 PM	26468
sec-Butylbenzene	ND	0.029		mg/Kg	1	7/20/2016 11:40:43 PM	26468
Styrene	ND	0.029		mg/Kg	1	7/20/2016 11:40:43 PM	26468
tert-Butylbenzene	ND	0.029		mg/Kg	1	7/20/2016 11:40:43 PM	26468
1,1,1,2-Tetrachloroethane	ND	0.029		mg/Kg	1	7/20/2016 11:40:43 PM	26468
1,1,2,2-Tetrachloroethane	ND	0.029		mg/Kg	1	7/20/2016 11:40:43 PM	26468
Tetrachloroethene (PCE)	ND	0.029		mg/Kg	1	7/20/2016 11:40:43 PM	26468
trans-1,2-DCE	ND	0.029		mg/Kg	1	7/20/2016 11:40:43 PM	26468
trans-1,3-Dichloropropene	ND	0.029		mg/Kg	1	7/20/2016 11:40:43 PM	26468
1,2,3-Trichlorobenzene	ND	0.057		mg/Kg	1	7/20/2016 11:40:43 PM	26468
1,2,4-Trichlorobenzene	ND	0.029		mg/Kg	1	7/20/2016 11:40:43 PM	26468
1,1,1-Trichloroethane	ND	0.029		mg/Kg	1	7/20/2016 11:40:43 PM	26468
1,1,2-Trichloroethane	ND	0.029		mg/Kg	1	7/20/2016 11:40:43 PM	26468
Trichloroethene (TCE)	ND	0.029		mg/Kg	1	7/20/2016 11:40:43 PM	26468
Trichlorofluoromethane	ND	0.029		mg/Kg	1	7/20/2016 11:40:43 PM	26468
1,2,3-Trichloropropane	ND	0.057		mg/Kg	1	7/20/2016 11:40:43 PM	26468
Vinyl chloride	ND	0.029		mg/Kg	1	7/20/2016 11:40:43 PM	26468
Xylenes, Total	ND	0.057		mg/Kg	1	7/20/2016 11:40:43 PM	26468
Surr: Dibromofluoromethane	106	70-130		%Rec	1	7/20/2016 11:40:43 PM	26468
Surr: 1,2-Dichloroethane-d4	94.0	70-130		%Rec	1	7/20/2016 11:40:43 PM	26468
Surr: Toluene-d8	93.8	70-130		%Rec	1	7/20/2016 11:40:43 PM	26468
Surr: 4-Bromofluorobenzene	96.5	70-130		%Rec	1	7/20/2016 11:40:43 PM	26468

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: MW-17 26'-27'
Project: Fairview Station
Collection Date: 7/13/2016 7:22:00 AM
Lab ID: 1607732-009
Matrix: MEOH (SOIL)
Received Date: 7/15/2016 8:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**	
Benzene	ND	0.012		mg/Kg	1	7/21/2016 12:09:06 AM	26468
Toluene	ND	0.024		mg/Kg	1	7/21/2016 12:09:06 AM	26468
Ethylbenzene	ND	0.024		mg/Kg	1	7/21/2016 12:09:06 AM	26468
Methyl tert-butyl ether (MTBE)	ND	0.024		mg/Kg	1	7/21/2016 12:09:06 AM	26468
1,2,4-Trimethylbenzene	ND	0.024		mg/Kg	1	7/21/2016 12:09:06 AM	26468
1,3,5-Trimethylbenzene	ND	0.024		mg/Kg	1	7/21/2016 12:09:06 AM	26468
1,2-Dichloroethane (EDC)	ND	0.024		mg/Kg	1	7/21/2016 12:09:06 AM	26468
1,2-Dibromoethane (EDB)	ND	0.024		mg/Kg	1	7/21/2016 12:09:06 AM	26468
Naphthalene	ND	0.047		mg/Kg	1	7/21/2016 12:09:06 AM	26468
1-Methylnaphthalene	ND	0.095		mg/Kg	1	7/21/2016 12:09:06 AM	26468
2-Methylnaphthalene	ND	0.095		mg/Kg	1	7/21/2016 12:09:06 AM	26468
Acetone	ND	0.36		mg/Kg	1	7/21/2016 12:09:06 AM	26468
Bromobenzene	ND	0.024		mg/Kg	1	7/21/2016 12:09:06 AM	26468
Bromodichloromethane	ND	0.024		mg/Kg	1	7/21/2016 12:09:06 AM	26468
Bromoform	ND	0.024		mg/Kg	1	7/21/2016 12:09:06 AM	26468
Bromomethane	ND	0.071		mg/Kg	1	7/21/2016 12:09:06 AM	26468
2-Butanone	ND	0.24		mg/Kg	1	7/21/2016 12:09:06 AM	26468
Carbon disulfide	ND	0.24		mg/Kg	1	7/21/2016 12:09:06 AM	26468
Carbon tetrachloride	ND	0.024		mg/Kg	1	7/21/2016 12:09:06 AM	26468
Chlorobenzene	ND	0.024		mg/Kg	1	7/21/2016 12:09:06 AM	26468
Chloroethane	ND	0.047		mg/Kg	1	7/21/2016 12:09:06 AM	26468
Chloroform	ND	0.024		mg/Kg	1	7/21/2016 12:09:06 AM	26468
Chloromethane	ND	0.071		mg/Kg	1	7/21/2016 12:09:06 AM	26468
2-Chlorotoluene	ND	0.024		mg/Kg	1	7/21/2016 12:09:06 AM	26468
4-Chlorotoluene	ND	0.024		mg/Kg	1	7/21/2016 12:09:06 AM	26468
cis-1,2-DCE	ND	0.024		mg/Kg	1	7/21/2016 12:09:06 AM	26468
cis-1,3-Dichloropropene	ND	0.024		mg/Kg	1	7/21/2016 12:09:06 AM	26468
1,2-Dibromo-3-chloropropane	ND	0.047		mg/Kg	1	7/21/2016 12:09:06 AM	26468
Dibromochloromethane	ND	0.024		mg/Kg	1	7/21/2016 12:09:06 AM	26468
Dibromomethane	ND	0.024		mg/Kg	1	7/21/2016 12:09:06 AM	26468
1,2-Dichlorobenzene	ND	0.024		mg/Kg	1	7/21/2016 12:09:06 AM	26468
1,3-Dichlorobenzene	ND	0.024		mg/Kg	1	7/21/2016 12:09:06 AM	26468
1,4-Dichlorobenzene	ND	0.024		mg/Kg	1	7/21/2016 12:09:06 AM	26468
Dichlorodifluoromethane	ND	0.024		mg/Kg	1	7/21/2016 12:09:06 AM	26468
1,1-Dichloroethane	ND	0.024		mg/Kg	1	7/21/2016 12:09:06 AM	26468
1,1-Dichloroethene	ND	0.024		mg/Kg	1	7/21/2016 12:09:06 AM	26468
1,2-Dichloropropane	ND	0.024		mg/Kg	1	7/21/2016 12:09:06 AM	26468
1,3-Dichloropropane	ND	0.024		mg/Kg	1	7/21/2016 12:09:06 AM	26468
2,2-Dichloropropane	ND	0.047		mg/Kg	1	7/21/2016 12:09:06 AM	26468

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: MW-17 26'-27'
Project: Fairview Station
Collection Date: 7/13/2016 7:22:00 AM
Lab ID: 1607732-009
Matrix: MEOH (SOIL)
Received Date: 7/15/2016 8:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**	
1,1-Dichloropropene	ND	0.047		mg/Kg	1	7/21/2016 12:09:06 AM	26468
Hexachlorobutadiene	ND	0.047		mg/Kg	1	7/21/2016 12:09:06 AM	26468
2-Hexanone	ND	0.24		mg/Kg	1	7/21/2016 12:09:06 AM	26468
Isopropylbenzene	ND	0.024		mg/Kg	1	7/21/2016 12:09:06 AM	26468
4-Isopropyltoluene	ND	0.024		mg/Kg	1	7/21/2016 12:09:06 AM	26468
4-Methyl-2-pentanone	ND	0.24		mg/Kg	1	7/21/2016 12:09:06 AM	26468
Methylene chloride	ND	0.071		mg/Kg	1	7/21/2016 12:09:06 AM	26468
n-Butylbenzene	ND	0.071		mg/Kg	1	7/21/2016 12:09:06 AM	26468
n-Propylbenzene	ND	0.024		mg/Kg	1	7/21/2016 12:09:06 AM	26468
sec-Butylbenzene	ND	0.024		mg/Kg	1	7/21/2016 12:09:06 AM	26468
Styrene	ND	0.024		mg/Kg	1	7/21/2016 12:09:06 AM	26468
tert-Butylbenzene	ND	0.024		mg/Kg	1	7/21/2016 12:09:06 AM	26468
1,1,1,2-Tetrachloroethane	ND	0.024		mg/Kg	1	7/21/2016 12:09:06 AM	26468
1,1,2,2-Tetrachloroethane	ND	0.024		mg/Kg	1	7/21/2016 12:09:06 AM	26468
Tetrachloroethene (PCE)	ND	0.024		mg/Kg	1	7/21/2016 12:09:06 AM	26468
trans-1,2-DCE	ND	0.024		mg/Kg	1	7/21/2016 12:09:06 AM	26468
trans-1,3-Dichloropropene	ND	0.024		mg/Kg	1	7/21/2016 12:09:06 AM	26468
1,2,3-Trichlorobenzene	ND	0.047		mg/Kg	1	7/21/2016 12:09:06 AM	26468
1,2,4-Trichlorobenzene	ND	0.024		mg/Kg	1	7/21/2016 12:09:06 AM	26468
1,1,1-Trichloroethane	ND	0.024		mg/Kg	1	7/21/2016 12:09:06 AM	26468
1,1,2-Trichloroethane	ND	0.024		mg/Kg	1	7/21/2016 12:09:06 AM	26468
Trichloroethene (TCE)	ND	0.024		mg/Kg	1	7/21/2016 12:09:06 AM	26468
Trichlorofluoromethane	ND	0.024		mg/Kg	1	7/21/2016 12:09:06 AM	26468
1,2,3-Trichloropropane	ND	0.047		mg/Kg	1	7/21/2016 12:09:06 AM	26468
Vinyl chloride	ND	0.024		mg/Kg	1	7/21/2016 12:09:06 AM	26468
Xylenes, Total	ND	0.047		mg/Kg	1	7/21/2016 12:09:06 AM	26468
Surr: Dibromofluoromethane	109	70-130		%Rec	1	7/21/2016 12:09:06 AM	26468
Surr: 1,2-Dichloroethane-d4	97.2	70-130		%Rec	1	7/21/2016 12:09:06 AM	26468
Surr: Toluene-d8	93.5	70-130		%Rec	1	7/21/2016 12:09:06 AM	26468
Surr: 4-Bromofluorobenzene	97.0	70-130		%Rec	1	7/21/2016 12:09:06 AM	26468

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: MW-18 11'-12'
Project: Fairview Station
Collection Date: 7/12/2016 2:30:00 PM
Lab ID: 1607732-010
Matrix: MEOH (SOIL)
Received Date: 7/15/2016 8:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**	
Benzene	ND	0.014		mg/Kg	1	7/21/2016 2:02:40 AM	26468
Toluene	ND	0.028		mg/Kg	1	7/21/2016 2:02:40 AM	26468
Ethylbenzene	ND	0.028		mg/Kg	1	7/21/2016 2:02:40 AM	26468
Methyl tert-butyl ether (MTBE)	ND	0.028		mg/Kg	1	7/21/2016 2:02:40 AM	26468
1,2,4-Trimethylbenzene	ND	0.028		mg/Kg	1	7/21/2016 2:02:40 AM	26468
1,3,5-Trimethylbenzene	ND	0.028		mg/Kg	1	7/21/2016 2:02:40 AM	26468
1,2-Dichloroethane (EDC)	ND	0.028		mg/Kg	1	7/21/2016 2:02:40 AM	26468
1,2-Dibromoethane (EDB)	ND	0.028		mg/Kg	1	7/21/2016 2:02:40 AM	26468
Naphthalene	ND	0.056		mg/Kg	1	7/21/2016 2:02:40 AM	26468
1-Methylnaphthalene	ND	0.11		mg/Kg	1	7/21/2016 2:02:40 AM	26468
2-Methylnaphthalene	ND	0.11		mg/Kg	1	7/21/2016 2:02:40 AM	26468
Acetone	ND	0.42		mg/Kg	1	7/21/2016 2:02:40 AM	26468
Bromobenzene	ND	0.028		mg/Kg	1	7/21/2016 2:02:40 AM	26468
Bromodichloromethane	ND	0.028		mg/Kg	1	7/21/2016 2:02:40 AM	26468
Bromoform	ND	0.028		mg/Kg	1	7/21/2016 2:02:40 AM	26468
Bromomethane	ND	0.084		mg/Kg	1	7/21/2016 2:02:40 AM	26468
2-Butanone	ND	0.28		mg/Kg	1	7/21/2016 2:02:40 AM	26468
Carbon disulfide	ND	0.28		mg/Kg	1	7/21/2016 2:02:40 AM	26468
Carbon tetrachloride	ND	0.028		mg/Kg	1	7/21/2016 2:02:40 AM	26468
Chlorobenzene	ND	0.028		mg/Kg	1	7/21/2016 2:02:40 AM	26468
Chloroethane	ND	0.056		mg/Kg	1	7/21/2016 2:02:40 AM	26468
Chloroform	ND	0.028		mg/Kg	1	7/21/2016 2:02:40 AM	26468
Chloromethane	ND	0.084		mg/Kg	1	7/21/2016 2:02:40 AM	26468
2-Chlorotoluene	ND	0.028		mg/Kg	1	7/21/2016 2:02:40 AM	26468
4-Chlorotoluene	ND	0.028		mg/Kg	1	7/21/2016 2:02:40 AM	26468
cis-1,2-DCE	ND	0.028		mg/Kg	1	7/21/2016 2:02:40 AM	26468
cis-1,3-Dichloropropene	ND	0.028		mg/Kg	1	7/21/2016 2:02:40 AM	26468
1,2-Dibromo-3-chloropropane	ND	0.056		mg/Kg	1	7/21/2016 2:02:40 AM	26468
Dibromochloromethane	ND	0.028		mg/Kg	1	7/21/2016 2:02:40 AM	26468
Dibromomethane	ND	0.028		mg/Kg	1	7/21/2016 2:02:40 AM	26468
1,2-Dichlorobenzene	ND	0.028		mg/Kg	1	7/21/2016 2:02:40 AM	26468
1,3-Dichlorobenzene	ND	0.028		mg/Kg	1	7/21/2016 2:02:40 AM	26468
1,4-Dichlorobenzene	ND	0.028		mg/Kg	1	7/21/2016 2:02:40 AM	26468
Dichlorodifluoromethane	ND	0.028		mg/Kg	1	7/21/2016 2:02:40 AM	26468
1,1-Dichloroethane	ND	0.028		mg/Kg	1	7/21/2016 2:02:40 AM	26468
1,1-Dichloroethene	ND	0.028		mg/Kg	1	7/21/2016 2:02:40 AM	26468
1,2-Dichloropropane	ND	0.028		mg/Kg	1	7/21/2016 2:02:40 AM	26468
1,3-Dichloropropane	ND	0.028		mg/Kg	1	7/21/2016 2:02:40 AM	26468
2,2-Dichloropropane	ND	0.056		mg/Kg	1	7/21/2016 2:02:40 AM	26468

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: MW-18 11'-12'
Project: Fairview Station
Collection Date: 7/12/2016 2:30:00 PM
Lab ID: 1607732-010
Matrix: MEOH (SOIL)
Received Date: 7/15/2016 8:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**	
1,1-Dichloropropene	ND	0.056		mg/Kg	1	7/21/2016 2:02:40 AM	26468
Hexachlorobutadiene	ND	0.056		mg/Kg	1	7/21/2016 2:02:40 AM	26468
2-Hexanone	ND	0.28		mg/Kg	1	7/21/2016 2:02:40 AM	26468
Isopropylbenzene	ND	0.028		mg/Kg	1	7/21/2016 2:02:40 AM	26468
4-Isopropyltoluene	ND	0.028		mg/Kg	1	7/21/2016 2:02:40 AM	26468
4-Methyl-2-pentanone	ND	0.28		mg/Kg	1	7/21/2016 2:02:40 AM	26468
Methylene chloride	ND	0.084		mg/Kg	1	7/21/2016 2:02:40 AM	26468
n-Butylbenzene	ND	0.084		mg/Kg	1	7/21/2016 2:02:40 AM	26468
n-Propylbenzene	ND	0.028		mg/Kg	1	7/21/2016 2:02:40 AM	26468
sec-Butylbenzene	ND	0.028		mg/Kg	1	7/21/2016 2:02:40 AM	26468
Styrene	ND	0.028		mg/Kg	1	7/21/2016 2:02:40 AM	26468
tert-Butylbenzene	ND	0.028		mg/Kg	1	7/21/2016 2:02:40 AM	26468
1,1,1,2-Tetrachloroethane	ND	0.028		mg/Kg	1	7/21/2016 2:02:40 AM	26468
1,1,2,2-Tetrachloroethane	ND	0.028		mg/Kg	1	7/21/2016 2:02:40 AM	26468
Tetrachloroethene (PCE)	ND	0.028		mg/Kg	1	7/21/2016 2:02:40 AM	26468
trans-1,2-DCE	ND	0.028		mg/Kg	1	7/21/2016 2:02:40 AM	26468
trans-1,3-Dichloropropene	ND	0.028		mg/Kg	1	7/21/2016 2:02:40 AM	26468
1,2,3-Trichlorobenzene	ND	0.056		mg/Kg	1	7/21/2016 2:02:40 AM	26468
1,2,4-Trichlorobenzene	ND	0.028		mg/Kg	1	7/21/2016 2:02:40 AM	26468
1,1,1-Trichloroethane	ND	0.028		mg/Kg	1	7/21/2016 2:02:40 AM	26468
1,1,2-Trichloroethane	ND	0.028		mg/Kg	1	7/21/2016 2:02:40 AM	26468
Trichloroethene (TCE)	ND	0.028		mg/Kg	1	7/21/2016 2:02:40 AM	26468
Trichlorofluoromethane	ND	0.028		mg/Kg	1	7/21/2016 2:02:40 AM	26468
1,2,3-Trichloropropane	ND	0.056		mg/Kg	1	7/21/2016 2:02:40 AM	26468
Vinyl chloride	ND	0.028		mg/Kg	1	7/21/2016 2:02:40 AM	26468
Xylenes, Total	ND	0.056		mg/Kg	1	7/21/2016 2:02:40 AM	26468
Surr: Dibromofluoromethane	111	70-130		%Rec	1	7/21/2016 2:02:40 AM	26468
Surr: 1,2-Dichloroethane-d4	98.6	70-130		%Rec	1	7/21/2016 2:02:40 AM	26468
Surr: Toluene-d8	93.7	70-130		%Rec	1	7/21/2016 2:02:40 AM	26468
Surr: 4-Bromofluorobenzene	97.3	70-130		%Rec	1	7/21/2016 2:02:40 AM	26468

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: MW-18 15'-16'
Project: Fairview Station
Collection Date: 7/12/2016 2:35:00 PM
Lab ID: 1607732-011
Matrix: MEOH (SOIL)
Received Date: 7/15/2016 8:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**	
Benzene	2.0	0.31	D	mg/Kg	20	7/21/2016 2:31:10 AM	26468
Toluene	2.2	0.62	D	mg/Kg	20	7/21/2016 2:31:10 AM	26468
Ethylbenzene	11	0.62	D	mg/Kg	20	7/21/2016 2:31:10 AM	26468
Methyl tert-butyl ether (MTBE)	ND	0.62	D	mg/Kg	20	7/21/2016 2:31:10 AM	26468
1,2,4-Trimethylbenzene	28	0.62	D	mg/Kg	20	7/21/2016 2:31:10 AM	26468
1,3,5-Trimethylbenzene	8.7	0.62	D	mg/Kg	20	7/21/2016 2:31:10 AM	26468
1,2-Dichloroethane (EDC)	ND	0.62	D	mg/Kg	20	7/21/2016 2:31:10 AM	26468
1,2-Dibromoethane (EDB)	ND	0.62	D	mg/Kg	20	7/21/2016 2:31:10 AM	26468
Naphthalene	5.0	1.2	D	mg/Kg	20	7/21/2016 2:31:10 AM	26468
1-Methylnaphthalene	ND	2.5	D	mg/Kg	20	7/21/2016 2:31:10 AM	26468
2-Methylnaphthalene	5.0	2.5	D	mg/Kg	20	7/21/2016 2:31:10 AM	26468
Acetone	ND	9.3	D	mg/Kg	20	7/21/2016 2:31:10 AM	26468
Bromobenzene	ND	0.62	D	mg/Kg	20	7/21/2016 2:31:10 AM	26468
Bromodichloromethane	ND	0.62	D	mg/Kg	20	7/21/2016 2:31:10 AM	26468
Bromoform	ND	0.62	D	mg/Kg	20	7/21/2016 2:31:10 AM	26468
Bromomethane	ND	1.9	D	mg/Kg	20	7/21/2016 2:31:10 AM	26468
2-Butanone	ND	6.2	D	mg/Kg	20	7/21/2016 2:31:10 AM	26468
Carbon disulfide	ND	6.2	D	mg/Kg	20	7/21/2016 2:31:10 AM	26468
Carbon tetrachloride	ND	0.62	D	mg/Kg	20	7/21/2016 2:31:10 AM	26468
Chlorobenzene	ND	0.62	D	mg/Kg	20	7/21/2016 2:31:10 AM	26468
Chloroethane	ND	1.2	D	mg/Kg	20	7/21/2016 2:31:10 AM	26468
Chloroform	ND	0.62	D	mg/Kg	20	7/21/2016 2:31:10 AM	26468
Chloromethane	ND	1.9	D	mg/Kg	20	7/21/2016 2:31:10 AM	26468
2-Chlorotoluene	ND	0.62	D	mg/Kg	20	7/21/2016 2:31:10 AM	26468
4-Chlorotoluene	ND	0.62	D	mg/Kg	20	7/21/2016 2:31:10 AM	26468
cis-1,2-DCE	ND	0.62	D	mg/Kg	20	7/21/2016 2:31:10 AM	26468
cis-1,3-Dichloropropene	ND	0.62	D	mg/Kg	20	7/21/2016 2:31:10 AM	26468
1,2-Dibromo-3-chloropropane	ND	1.2	D	mg/Kg	20	7/21/2016 2:31:10 AM	26468
Dibromochloromethane	ND	0.62	D	mg/Kg	20	7/21/2016 2:31:10 AM	26468
Dibromomethane	ND	0.62	D	mg/Kg	20	7/21/2016 2:31:10 AM	26468
1,2-Dichlorobenzene	ND	0.62	D	mg/Kg	20	7/21/2016 2:31:10 AM	26468
1,3-Dichlorobenzene	ND	0.62	D	mg/Kg	20	7/21/2016 2:31:10 AM	26468
1,4-Dichlorobenzene	ND	0.62	D	mg/Kg	20	7/21/2016 2:31:10 AM	26468
Dichlorodifluoromethane	ND	0.62	D	mg/Kg	20	7/21/2016 2:31:10 AM	26468
1,1-Dichloroethane	ND	0.62	D	mg/Kg	20	7/21/2016 2:31:10 AM	26468
1,1-Dichloroethene	ND	0.62	D	mg/Kg	20	7/21/2016 2:31:10 AM	26468
1,2-Dichloropropane	ND	0.62	D	mg/Kg	20	7/21/2016 2:31:10 AM	26468
1,3-Dichloropropane	ND	0.62	D	mg/Kg	20	7/21/2016 2:31:10 AM	26468
2,2-Dichloropropane	ND	1.2	D	mg/Kg	20	7/21/2016 2:31:10 AM	26468

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: MW-18 15'-16'
Project: Fairview Station
Collection Date: 7/12/2016 2:35:00 PM
Lab ID: 1607732-011
Matrix: MEOH (SOIL)
Received Date: 7/15/2016 8:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**	
1,1-Dichloropropene	ND	1.2	D	mg/Kg	20	7/21/2016 2:31:10 AM	26468
Hexachlorobutadiene	ND	1.2	D	mg/Kg	20	7/21/2016 2:31:10 AM	26468
2-Hexanone	ND	6.2	D	mg/Kg	20	7/21/2016 2:31:10 AM	26468
Isopropylbenzene	1.7	0.62	D	mg/Kg	20	7/21/2016 2:31:10 AM	26468
4-Isopropyltoluene	0.75	0.62	D	mg/Kg	20	7/21/2016 2:31:10 AM	26468
4-Methyl-2-pentanone	ND	6.2	D	mg/Kg	20	7/21/2016 2:31:10 AM	26468
Methylene chloride	ND	1.9	D	mg/Kg	20	7/21/2016 2:31:10 AM	26468
n-Butylbenzene	2.2	1.9	D	mg/Kg	20	7/21/2016 2:31:10 AM	26468
n-Propylbenzene	5.4	0.62	D	mg/Kg	20	7/21/2016 2:31:10 AM	26468
sec-Butylbenzene	0.83	0.62	D	mg/Kg	20	7/21/2016 2:31:10 AM	26468
Styrene	ND	0.62	D	mg/Kg	20	7/21/2016 2:31:10 AM	26468
tert-Butylbenzene	ND	0.62	D	mg/Kg	20	7/21/2016 2:31:10 AM	26468
1,1,1,2-Tetrachloroethane	ND	0.62	D	mg/Kg	20	7/21/2016 2:31:10 AM	26468
1,1,2,2-Tetrachloroethane	ND	0.62	D	mg/Kg	20	7/21/2016 2:31:10 AM	26468
Tetrachloroethene (PCE)	ND	0.62	D	mg/Kg	20	7/21/2016 2:31:10 AM	26468
trans-1,2-DCE	ND	0.62	D	mg/Kg	20	7/21/2016 2:31:10 AM	26468
trans-1,3-Dichloropropene	ND	0.62	D	mg/Kg	20	7/21/2016 2:31:10 AM	26468
1,2,3-Trichlorobenzene	ND	1.2	D	mg/Kg	20	7/21/2016 2:31:10 AM	26468
1,2,4-Trichlorobenzene	ND	0.62	D	mg/Kg	20	7/21/2016 2:31:10 AM	26468
1,1,1-Trichloroethane	ND	0.62	D	mg/Kg	20	7/21/2016 2:31:10 AM	26468
1,1,2-Trichloroethane	ND	0.62	D	mg/Kg	20	7/21/2016 2:31:10 AM	26468
Trichloroethene (TCE)	ND	0.62	D	mg/Kg	20	7/21/2016 2:31:10 AM	26468
Trichlorofluoromethane	ND	0.62	D	mg/Kg	20	7/21/2016 2:31:10 AM	26468
1,2,3-Trichloropropane	ND	1.2	D	mg/Kg	20	7/21/2016 2:31:10 AM	26468
Vinyl chloride	ND	0.62	D	mg/Kg	20	7/21/2016 2:31:10 AM	26468
Xylenes, Total	46	1.2	D	mg/Kg	20	7/21/2016 2:31:10 AM	26468
Surr: Dibromofluoromethane	72.5	70-130	D	%Rec	20	7/21/2016 2:31:10 AM	26468
Surr: 1,2-Dichloroethane-d4	65.6	70-130	SD	%Rec	20	7/21/2016 2:31:10 AM	26468
Surr: Toluene-d8	99.7	70-130	D	%Rec	20	7/21/2016 2:31:10 AM	26468
Surr: 4-Bromofluorobenzene	104	70-130	D	%Rec	20	7/21/2016 2:31:10 AM	26468

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: MW-18 26'-27'
Project: Fairview Station
Collection Date: 7/12/2016 3:00:00 PM
Lab ID: 1607732-012
Matrix: MEOH (SOIL)
Received Date: 7/15/2016 8:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**	
Benzene	0.38	0.057	D	mg/Kg	5	7/21/2016 2:59:37 AM	26468
Toluene	0.37	0.11	D	mg/Kg	5	7/21/2016 2:59:37 AM	26468
Ethylbenzene	1.8	0.11	D	mg/Kg	5	7/21/2016 2:59:37 AM	26468
Methyl tert-butyl ether (MTBE)	ND	0.11	D	mg/Kg	5	7/21/2016 2:59:37 AM	26468
1,2,4-Trimethylbenzene	3.9	0.11	D	mg/Kg	5	7/21/2016 2:59:37 AM	26468
1,3,5-Trimethylbenzene	1.2	0.11	D	mg/Kg	5	7/21/2016 2:59:37 AM	26468
1,2-Dichloroethane (EDC)	ND	0.11	D	mg/Kg	5	7/21/2016 2:59:37 AM	26468
1,2-Dibromoethane (EDB)	ND	0.11	D	mg/Kg	5	7/21/2016 2:59:37 AM	26468
Naphthalene	0.58	0.23	D	mg/Kg	5	7/21/2016 2:59:37 AM	26468
1-Methylnaphthalene	ND	0.46	D	mg/Kg	5	7/21/2016 2:59:37 AM	26468
2-Methylnaphthalene	0.55	0.46	D	mg/Kg	5	7/21/2016 2:59:37 AM	26468
Acetone	ND	1.7	D	mg/Kg	5	7/21/2016 2:59:37 AM	26468
Bromobenzene	ND	0.11	D	mg/Kg	5	7/21/2016 2:59:37 AM	26468
Bromodichloromethane	ND	0.11	D	mg/Kg	5	7/21/2016 2:59:37 AM	26468
Bromoform	ND	0.11	D	mg/Kg	5	7/21/2016 2:59:37 AM	26468
Bromomethane	ND	0.34	D	mg/Kg	5	7/21/2016 2:59:37 AM	26468
2-Butanone	ND	1.1	D	mg/Kg	5	7/21/2016 2:59:37 AM	26468
Carbon disulfide	ND	1.1	D	mg/Kg	5	7/21/2016 2:59:37 AM	26468
Carbon tetrachloride	ND	0.11	D	mg/Kg	5	7/21/2016 2:59:37 AM	26468
Chlorobenzene	ND	0.11	D	mg/Kg	5	7/21/2016 2:59:37 AM	26468
Chloroethane	ND	0.23	D	mg/Kg	5	7/21/2016 2:59:37 AM	26468
Chloroform	ND	0.11	D	mg/Kg	5	7/21/2016 2:59:37 AM	26468
Chloromethane	ND	0.34	D	mg/Kg	5	7/21/2016 2:59:37 AM	26468
2-Chlorotoluene	ND	0.11	D	mg/Kg	5	7/21/2016 2:59:37 AM	26468
4-Chlorotoluene	ND	0.11	D	mg/Kg	5	7/21/2016 2:59:37 AM	26468
cis-1,2-DCE	ND	0.11	D	mg/Kg	5	7/21/2016 2:59:37 AM	26468
cis-1,3-Dichloropropene	ND	0.11	D	mg/Kg	5	7/21/2016 2:59:37 AM	26468
1,2-Dibromo-3-chloropropane	ND	0.23	D	mg/Kg	5	7/21/2016 2:59:37 AM	26468
Dibromochloromethane	ND	0.11	D	mg/Kg	5	7/21/2016 2:59:37 AM	26468
Dibromomethane	ND	0.11	D	mg/Kg	5	7/21/2016 2:59:37 AM	26468
1,2-Dichlorobenzene	ND	0.11	D	mg/Kg	5	7/21/2016 2:59:37 AM	26468
1,3-Dichlorobenzene	ND	0.11	D	mg/Kg	5	7/21/2016 2:59:37 AM	26468
1,4-Dichlorobenzene	ND	0.11	D	mg/Kg	5	7/21/2016 2:59:37 AM	26468
Dichlorodifluoromethane	ND	0.11	D	mg/Kg	5	7/21/2016 2:59:37 AM	26468
1,1-Dichloroethane	ND	0.11	D	mg/Kg	5	7/21/2016 2:59:37 AM	26468
1,1-Dichloroethene	ND	0.11	D	mg/Kg	5	7/21/2016 2:59:37 AM	26468
1,2-Dichloropropane	ND	0.11	D	mg/Kg	5	7/21/2016 2:59:37 AM	26468
1,3-Dichloropropane	ND	0.11	D	mg/Kg	5	7/21/2016 2:59:37 AM	26468
2,2-Dichloropropane	ND	0.23	D	mg/Kg	5	7/21/2016 2:59:37 AM	26468

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: MW-18 26'-27'
Project: Fairview Station
Collection Date: 7/12/2016 3:00:00 PM
Lab ID: 1607732-012
Matrix: MEOH (SOIL)
Received Date: 7/15/2016 8:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**	
1,1-Dichloropropene	ND	0.23	D	mg/Kg	5	7/21/2016 2:59:37 AM	26468
Hexachlorobutadiene	ND	0.23	D	mg/Kg	5	7/21/2016 2:59:37 AM	26468
2-Hexanone	ND	1.1	D	mg/Kg	5	7/21/2016 2:59:37 AM	26468
Isopropylbenzene	0.24	0.11	D	mg/Kg	5	7/21/2016 2:59:37 AM	26468
4-Isopropyltoluene	ND	0.11	D	mg/Kg	5	7/21/2016 2:59:37 AM	26468
4-Methyl-2-pentanone	ND	1.1	D	mg/Kg	5	7/21/2016 2:59:37 AM	26468
Methylene chloride	ND	0.34	D	mg/Kg	5	7/21/2016 2:59:37 AM	26468
n-Butylbenzene	ND	0.34	D	mg/Kg	5	7/21/2016 2:59:37 AM	26468
n-Propylbenzene	0.77	0.11	D	mg/Kg	5	7/21/2016 2:59:37 AM	26468
sec-Butylbenzene	ND	0.11	D	mg/Kg	5	7/21/2016 2:59:37 AM	26468
Styrene	ND	0.11	D	mg/Kg	5	7/21/2016 2:59:37 AM	26468
tert-Butylbenzene	ND	0.11	D	mg/Kg	5	7/21/2016 2:59:37 AM	26468
1,1,1,2-Tetrachloroethane	ND	0.11	D	mg/Kg	5	7/21/2016 2:59:37 AM	26468
1,1,2,2-Tetrachloroethane	ND	0.11	D	mg/Kg	5	7/21/2016 2:59:37 AM	26468
Tetrachloroethene (PCE)	ND	0.11	D	mg/Kg	5	7/21/2016 2:59:37 AM	26468
trans-1,2-DCE	ND	0.11	D	mg/Kg	5	7/21/2016 2:59:37 AM	26468
trans-1,3-Dichloropropene	ND	0.11	D	mg/Kg	5	7/21/2016 2:59:37 AM	26468
1,2,3-Trichlorobenzene	ND	0.23	D	mg/Kg	5	7/21/2016 2:59:37 AM	26468
1,2,4-Trichlorobenzene	ND	0.11	D	mg/Kg	5	7/21/2016 2:59:37 AM	26468
1,1,1-Trichloroethane	ND	0.11	D	mg/Kg	5	7/21/2016 2:59:37 AM	26468
1,1,2-Trichloroethane	ND	0.11	D	mg/Kg	5	7/21/2016 2:59:37 AM	26468
Trichloroethene (TCE)	ND	0.11	D	mg/Kg	5	7/21/2016 2:59:37 AM	26468
Trichlorofluoromethane	ND	0.11	D	mg/Kg	5	7/21/2016 2:59:37 AM	26468
1,2,3-Trichloropropane	ND	0.23	D	mg/Kg	5	7/21/2016 2:59:37 AM	26468
Vinyl chloride	ND	0.11	D	mg/Kg	5	7/21/2016 2:59:37 AM	26468
Xylenes, Total	5.7	0.23	D	mg/Kg	5	7/21/2016 2:59:37 AM	26468
Surr: Dibromofluoromethane	72.7	70-130	D	%Rec	5	7/21/2016 2:59:37 AM	26468
Surr: 1,2-Dichloroethane-d4	67.4	70-130	SD	%Rec	5	7/21/2016 2:59:37 AM	26468
Surr: Toluene-d8	101	70-130	D	%Rec	5	7/21/2016 2:59:37 AM	26468
Surr: 4-Bromofluorobenzene	112	70-130	D	%Rec	5	7/21/2016 2:59:37 AM	26468

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: MW-4
Project: Fairview Station
Collection Date: 7/13/2016 4:20:00 PM
Lab ID: 1607732-013
Matrix: AQUEOUS
Received Date: 7/15/2016 8:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
Benzene	4.8	1.0		µg/L	1	7/20/2016 11:40:00 PM	B35848
Toluene	ND	1.0		µg/L	1	7/20/2016 11:40:00 PM	B35848
Ethylbenzene	ND	1.0		µg/L	1	7/20/2016 11:40:00 PM	B35848
Methyl tert-butyl ether (MTBE)	130	1.0		µg/L	1	7/20/2016 11:40:00 PM	B35848
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	7/20/2016 11:40:00 PM	B35848
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	7/20/2016 11:40:00 PM	B35848
1,2-Dichloroethane (EDC)	17	1.0		µg/L	1	7/20/2016 11:40:00 PM	B35848
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	7/20/2016 11:40:00 PM	B35848
Naphthalene	ND	2.0		µg/L	1	7/20/2016 11:40:00 PM	B35848
1-Methylnaphthalene	ND	4.0		µg/L	1	7/20/2016 11:40:00 PM	B35848
2-Methylnaphthalene	ND	4.0		µg/L	1	7/20/2016 11:40:00 PM	B35848
Acetone	ND	10		µg/L	1	7/20/2016 11:40:00 PM	B35848
Bromobenzene	ND	1.0		µg/L	1	7/20/2016 11:40:00 PM	B35848
Bromodichloromethane	ND	1.0		µg/L	1	7/20/2016 11:40:00 PM	B35848
Bromoform	ND	1.0		µg/L	1	7/20/2016 11:40:00 PM	B35848
Bromomethane	ND	3.0		µg/L	1	7/20/2016 11:40:00 PM	B35848
2-Butanone	ND	10		µg/L	1	7/20/2016 11:40:00 PM	B35848
Carbon disulfide	ND	10		µg/L	1	7/20/2016 11:40:00 PM	B35848
Carbon Tetrachloride	ND	1.0		µg/L	1	7/20/2016 11:40:00 PM	B35848
Chlorobenzene	ND	1.0		µg/L	1	7/20/2016 11:40:00 PM	B35848
Chloroethane	ND	2.0		µg/L	1	7/20/2016 11:40:00 PM	B35848
Chloroform	ND	1.0		µg/L	1	7/20/2016 11:40:00 PM	B35848
Chloromethane	ND	3.0		µg/L	1	7/20/2016 11:40:00 PM	B35848
2-Chlorotoluene	ND	1.0		µg/L	1	7/20/2016 11:40:00 PM	B35848
4-Chlorotoluene	ND	1.0		µg/L	1	7/20/2016 11:40:00 PM	B35848
cis-1,2-DCE	ND	1.0		µg/L	1	7/20/2016 11:40:00 PM	B35848
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	7/20/2016 11:40:00 PM	B35848
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	7/20/2016 11:40:00 PM	B35848
Dibromochloromethane	ND	1.0		µg/L	1	7/20/2016 11:40:00 PM	B35848
Dibromomethane	ND	1.0		µg/L	1	7/20/2016 11:40:00 PM	B35848
1,2-Dichlorobenzene	ND	1.0		µg/L	1	7/20/2016 11:40:00 PM	B35848
1,3-Dichlorobenzene	ND	1.0		µg/L	1	7/20/2016 11:40:00 PM	B35848
1,4-Dichlorobenzene	ND	1.0		µg/L	1	7/20/2016 11:40:00 PM	B35848
Dichlorodifluoromethane	ND	1.0		µg/L	1	7/20/2016 11:40:00 PM	B35848
1,1-Dichloroethane	ND	1.0		µg/L	1	7/20/2016 11:40:00 PM	B35848
1,1-Dichloroethene	ND	1.0		µg/L	1	7/20/2016 11:40:00 PM	B35848
1,2-Dichloropropane	ND	1.0		µg/L	1	7/20/2016 11:40:00 PM	B35848
1,3-Dichloropropane	ND	1.0		µg/L	1	7/20/2016 11:40:00 PM	B35848
2,2-Dichloropropane	ND	2.0		µg/L	1	7/20/2016 11:40:00 PM	B35848

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: MW-4
Project: Fairview Station
Collection Date: 7/13/2016 4:20:00 PM
Lab ID: 1607732-013
Matrix: AQUEOUS
Received Date: 7/15/2016 8:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
1,1-Dichloropropene	ND	1.0		µg/L	1	7/20/2016 11:40:00 PM	B35848
Hexachlorobutadiene	ND	1.0		µg/L	1	7/20/2016 11:40:00 PM	B35848
2-Hexanone	ND	10		µg/L	1	7/20/2016 11:40:00 PM	B35848
Isopropylbenzene	ND	1.0		µg/L	1	7/20/2016 11:40:00 PM	B35848
4-Isopropyltoluene	ND	1.0		µg/L	1	7/20/2016 11:40:00 PM	B35848
4-Methyl-2-pentanone	ND	10		µg/L	1	7/20/2016 11:40:00 PM	B35848
Methylene Chloride	ND	3.0		µg/L	1	7/20/2016 11:40:00 PM	B35848
n-Butylbenzene	ND	3.0		µg/L	1	7/20/2016 11:40:00 PM	B35848
n-Propylbenzene	ND	1.0		µg/L	1	7/20/2016 11:40:00 PM	B35848
sec-Butylbenzene	ND	1.0		µg/L	1	7/20/2016 11:40:00 PM	B35848
Styrene	ND	1.0		µg/L	1	7/20/2016 11:40:00 PM	B35848
tert-Butylbenzene	ND	1.0		µg/L	1	7/20/2016 11:40:00 PM	B35848
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	7/20/2016 11:40:00 PM	B35848
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	7/20/2016 11:40:00 PM	B35848
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	7/20/2016 11:40:00 PM	B35848
trans-1,2-DCE	ND	1.0		µg/L	1	7/20/2016 11:40:00 PM	B35848
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	7/20/2016 11:40:00 PM	B35848
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	7/20/2016 11:40:00 PM	B35848
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	7/20/2016 11:40:00 PM	B35848
1,1,1-Trichloroethane	ND	1.0		µg/L	1	7/20/2016 11:40:00 PM	B35848
1,1,2-Trichloroethane	ND	1.0		µg/L	1	7/20/2016 11:40:00 PM	B35848
Trichloroethene (TCE)	ND	1.0		µg/L	1	7/20/2016 11:40:00 PM	B35848
Trichlorofluoromethane	ND	1.0		µg/L	1	7/20/2016 11:40:00 PM	B35848
1,2,3-Trichloropropane	ND	2.0		µg/L	1	7/20/2016 11:40:00 PM	B35848
Vinyl chloride	ND	1.0		µg/L	1	7/20/2016 11:40:00 PM	B35848
Xylenes, Total	ND	1.5		µg/L	1	7/20/2016 11:40:00 PM	B35848
Surr: 1,2-Dichloroethane-d4	108	70-130		%Rec	1	7/20/2016 11:40:00 PM	B35848
Surr: 4-Bromofluorobenzene	105	70-130		%Rec	1	7/20/2016 11:40:00 PM	B35848
Surr: Dibromofluoromethane	102	70-130		%Rec	1	7/20/2016 11:40:00 PM	B35848
Surr: Toluene-d8	92.5	70-130		%Rec	1	7/20/2016 11:40:00 PM	B35848

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: MW-5
Project: Fairview Station
Collection Date: 7/14/2016 7:06:00 AM
Lab ID: 1607732-014
Matrix: AQUEOUS
Received Date: 7/15/2016 8:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**	
Benzene	13000	500		µg/L	500	7/22/2016 9:48:28 PM	B35935
Toluene	930	500		µg/L	500	7/22/2016 9:48:28 PM	B35935
Ethylbenzene	1200	500		µg/L	500	7/22/2016 9:48:28 PM	B35935
Methyl tert-butyl ether (MTBE)	2600	500		µg/L	500	7/22/2016 9:48:28 PM	B35935
1,2,4-Trimethylbenzene	520	500		µg/L	500	7/22/2016 9:48:28 PM	B35935
1,3,5-Trimethylbenzene	92	1.0		µg/L	1	7/21/2016 12:03:00 AM	B35848
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	7/21/2016 12:03:00 AM	B35848
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	7/21/2016 12:03:00 AM	B35848
Naphthalene	270	100		µg/L	50	7/25/2016 1:27:00 PM	R35966
1-Methylnaphthalene	48	4.0		µg/L	1	7/21/2016 12:03:00 AM	B35848
2-Methylnaphthalene	80	4.0		µg/L	1	7/21/2016 12:03:00 AM	B35848
Acetone	17	10		µg/L	1	7/21/2016 12:03:00 AM	B35848
Bromobenzene	ND	1.0		µg/L	1	7/21/2016 12:03:00 AM	B35848
Bromodichloromethane	ND	1.0		µg/L	1	7/21/2016 12:03:00 AM	B35848
Bromoform	ND	1.0		µg/L	1	7/21/2016 12:03:00 AM	B35848
Bromomethane	ND	3.0		µg/L	1	7/21/2016 12:03:00 AM	B35848
2-Butanone	12	10		µg/L	1	7/21/2016 12:03:00 AM	B35848
Carbon disulfide	ND	10		µg/L	1	7/21/2016 12:03:00 AM	B35848
Carbon Tetrachloride	ND	1.0		µg/L	1	7/21/2016 12:03:00 AM	B35848
Chlorobenzene	ND	1.0		µg/L	1	7/21/2016 12:03:00 AM	B35848
Chloroethane	ND	2.0		µg/L	1	7/21/2016 12:03:00 AM	B35848
Chloroform	ND	1.0		µg/L	1	7/21/2016 12:03:00 AM	B35848
Chloromethane	ND	3.0		µg/L	1	7/21/2016 12:03:00 AM	B35848
2-Chlorotoluene	ND	1.0		µg/L	1	7/21/2016 12:03:00 AM	B35848
4-Chlorotoluene	ND	1.0		µg/L	1	7/21/2016 12:03:00 AM	B35848
cis-1,2-DCE	ND	1.0		µg/L	1	7/21/2016 12:03:00 AM	B35848
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	7/21/2016 12:03:00 AM	B35848
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	7/21/2016 12:03:00 AM	B35848
Dibromochloromethane	ND	1.0		µg/L	1	7/21/2016 12:03:00 AM	B35848
Dibromomethane	ND	1.0		µg/L	1	7/21/2016 12:03:00 AM	B35848
1,2-Dichlorobenzene	ND	1.0		µg/L	1	7/21/2016 12:03:00 AM	B35848
1,3-Dichlorobenzene	ND	1.0		µg/L	1	7/21/2016 12:03:00 AM	B35848
1,4-Dichlorobenzene	ND	1.0		µg/L	1	7/21/2016 12:03:00 AM	B35848
Dichlorodifluoromethane	ND	1.0		µg/L	1	7/21/2016 12:03:00 AM	B35848
1,1-Dichloroethane	ND	1.0		µg/L	1	7/21/2016 12:03:00 AM	B35848
1,1-Dichloroethene	ND	1.0		µg/L	1	7/21/2016 12:03:00 AM	B35848
1,2-Dichloropropane	ND	1.0		µg/L	1	7/21/2016 12:03:00 AM	B35848
1,3-Dichloropropane	ND	1.0		µg/L	1	7/21/2016 12:03:00 AM	B35848
2,2-Dichloropropane	ND	2.0		µg/L	1	7/21/2016 12:03:00 AM	B35848

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: MW-5
Project: Fairview Station
Collection Date: 7/14/2016 7:06:00 AM
Lab ID: 1607732-014
Matrix: AQUEOUS
Received Date: 7/15/2016 8:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**	
1,1-Dichloropropene	ND	1.0		µg/L	1	7/21/2016 12:03:00 AM	B35848
Hexachlorobutadiene	ND	1.0		µg/L	1	7/21/2016 12:03:00 AM	B35848
2-Hexanone	ND	10		µg/L	1	7/21/2016 12:03:00 AM	B35848
Isopropylbenzene	38	1.0		µg/L	1	7/21/2016 12:03:00 AM	B35848
4-Isopropyltoluene	3.2	1.0		µg/L	1	7/21/2016 12:03:00 AM	B35848
4-Methyl-2-pentanone	ND	10		µg/L	1	7/21/2016 12:03:00 AM	B35848
Methylene Chloride	ND	3.0		µg/L	1	7/21/2016 12:03:00 AM	B35848
n-Butylbenzene	9.8	3.0		µg/L	1	7/21/2016 12:03:00 AM	B35848
n-Propylbenzene	100	50		µg/L	50	7/25/2016 1:27:00 PM	R35966
sec-Butylbenzene	5.5	1.0		µg/L	1	7/21/2016 12:03:00 AM	B35848
Styrene	ND	1.0		µg/L	1	7/21/2016 12:03:00 AM	B35848
tert-Butylbenzene	ND	1.0		µg/L	1	7/21/2016 12:03:00 AM	B35848
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	7/21/2016 12:03:00 AM	B35848
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	7/21/2016 12:03:00 AM	B35848
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	7/21/2016 12:03:00 AM	B35848
trans-1,2-DCE	ND	1.0		µg/L	1	7/21/2016 12:03:00 AM	B35848
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	7/21/2016 12:03:00 AM	B35848
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	7/21/2016 12:03:00 AM	B35848
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	7/21/2016 12:03:00 AM	B35848
1,1,1-Trichloroethane	ND	1.0		µg/L	1	7/21/2016 12:03:00 AM	B35848
1,1,2-Trichloroethane	ND	1.0		µg/L	1	7/21/2016 12:03:00 AM	B35848
Trichloroethene (TCE)	ND	1.0		µg/L	1	7/21/2016 12:03:00 AM	B35848
Trichlorofluoromethane	ND	1.0		µg/L	1	7/21/2016 12:03:00 AM	B35848
1,2,3-Trichloropropane	ND	2.0		µg/L	1	7/21/2016 12:03:00 AM	B35848
Vinyl chloride	ND	1.0		µg/L	1	7/21/2016 12:03:00 AM	B35848
Xylenes, Total	820	75		µg/L	50	7/25/2016 1:27:00 PM	R35966
Surr: 1,2-Dichloroethane-d4	173	70-130	S	%Rec	1	7/21/2016 12:03:00 AM	B35848
Surr: 4-Bromofluorobenzene	103	70-130		%Rec	1	7/21/2016 12:03:00 AM	B35848
Surr: Dibromofluoromethane	110	70-130		%Rec	1	7/21/2016 12:03:00 AM	B35848
Surr: Toluene-d8	91.7	70-130		%Rec	1	7/21/2016 12:03:00 AM	B35848

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: MW-7
Project: Fairview Station
Collection Date: 7/14/2016 6:50:00 AM
Lab ID: 1607732-015
Matrix: AQUEOUS
Received Date: 7/15/2016 8:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**	
Benzene	4800	100		µg/L	100	7/22/2016 11:42:39 PM	B35935
Toluene	500	100		µg/L	100	7/22/2016 11:42:39 PM	B35935
Ethylbenzene	360	100		µg/L	100	7/22/2016 11:42:39 PM	B35935
Methyl tert-butyl ether (MTBE)	2500	100		µg/L	100	7/22/2016 11:42:39 PM	B35935
1,2,4-Trimethylbenzene	420	100		µg/L	100	7/22/2016 11:42:39 PM	B35935
1,3,5-Trimethylbenzene	120	100		µg/L	100	7/22/2016 11:42:39 PM	B35935
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	7/21/2016 12:26:00 AM	B35848
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	7/21/2016 12:26:00 AM	B35848
Naphthalene	150	100		µg/L	100	7/22/2016 11:42:39 PM	B35935
1-Methylnaphthalene	37	4.0		µg/L	1	7/21/2016 12:26:00 AM	B35848
2-Methylnaphthalene	46	4.0		µg/L	1	7/21/2016 12:26:00 AM	B35848
Acetone	10	10		µg/L	1	7/21/2016 12:26:00 AM	B35848
Bromobenzene	ND	1.0		µg/L	1	7/21/2016 12:26:00 AM	B35848
Bromodichloromethane	ND	1.0		µg/L	1	7/21/2016 12:26:00 AM	B35848
Bromoform	ND	1.0		µg/L	1	7/21/2016 12:26:00 AM	B35848
Bromomethane	ND	3.0		µg/L	1	7/21/2016 12:26:00 AM	B35848
2-Butanone	ND	10		µg/L	1	7/21/2016 12:26:00 AM	B35848
Carbon disulfide	ND	10		µg/L	1	7/21/2016 12:26:00 AM	B35848
Carbon Tetrachloride	ND	1.0		µg/L	1	7/21/2016 12:26:00 AM	B35848
Chlorobenzene	ND	1.0		µg/L	1	7/21/2016 12:26:00 AM	B35848
Chloroethane	ND	2.0		µg/L	1	7/21/2016 12:26:00 AM	B35848
Chloroform	ND	1.0		µg/L	1	7/21/2016 12:26:00 AM	B35848
Chloromethane	ND	3.0		µg/L	1	7/21/2016 12:26:00 AM	B35848
2-Chlorotoluene	ND	1.0		µg/L	1	7/21/2016 12:26:00 AM	B35848
4-Chlorotoluene	ND	1.0		µg/L	1	7/21/2016 12:26:00 AM	B35848
cis-1,2-DCE	ND	1.0		µg/L	1	7/21/2016 12:26:00 AM	B35848
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	7/21/2016 12:26:00 AM	B35848
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	7/21/2016 12:26:00 AM	B35848
Dibromochloromethane	ND	1.0		µg/L	1	7/21/2016 12:26:00 AM	B35848
Dibromomethane	ND	1.0		µg/L	1	7/21/2016 12:26:00 AM	B35848
1,2-Dichlorobenzene	ND	1.0		µg/L	1	7/21/2016 12:26:00 AM	B35848
1,3-Dichlorobenzene	ND	1.0		µg/L	1	7/21/2016 12:26:00 AM	B35848
1,4-Dichlorobenzene	ND	1.0		µg/L	1	7/21/2016 12:26:00 AM	B35848
Dichlorodifluoromethane	ND	1.0		µg/L	1	7/21/2016 12:26:00 AM	B35848
1,1-Dichloroethane	ND	1.0		µg/L	1	7/21/2016 12:26:00 AM	B35848
1,1-Dichloroethene	ND	1.0		µg/L	1	7/21/2016 12:26:00 AM	B35848
1,2-Dichloropropane	ND	1.0		µg/L	1	7/21/2016 12:26:00 AM	B35848
1,3-Dichloropropane	ND	1.0		µg/L	1	7/21/2016 12:26:00 AM	B35848
2,2-Dichloropropane	ND	2.0		µg/L	1	7/21/2016 12:26:00 AM	B35848

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: MW-7
Project: Fairview Station
Collection Date: 7/14/2016 6:50:00 AM
Lab ID: 1607732-015
Matrix: AQUEOUS
Received Date: 7/15/2016 8:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**	
1,1-Dichloropropene	ND	1.0		µg/L	1	7/21/2016 12:26:00 AM	B35848
Hexachlorobutadiene	ND	1.0		µg/L	1	7/21/2016 12:26:00 AM	B35848
2-Hexanone	ND	10		µg/L	1	7/21/2016 12:26:00 AM	B35848
Isopropylbenzene	14	1.0		µg/L	1	7/21/2016 12:26:00 AM	B35848
4-Isopropyltoluene	4.2	1.0		µg/L	1	7/21/2016 12:26:00 AM	B35848
4-Methyl-2-pentanone	ND	10		µg/L	1	7/21/2016 12:26:00 AM	B35848
Methylene Chloride	ND	3.0		µg/L	1	7/21/2016 12:26:00 AM	B35848
n-Butylbenzene	9.0	3.0		µg/L	1	7/21/2016 12:26:00 AM	B35848
n-Propylbenzene	40	1.0		µg/L	1	7/21/2016 12:26:00 AM	B35848
sec-Butylbenzene	4.7	1.0		µg/L	1	7/21/2016 12:26:00 AM	B35848
Styrene	ND	1.0		µg/L	1	7/21/2016 12:26:00 AM	B35848
tert-Butylbenzene	ND	1.0		µg/L	1	7/21/2016 12:26:00 AM	B35848
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	7/21/2016 12:26:00 AM	B35848
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	7/21/2016 12:26:00 AM	B35848
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	7/21/2016 12:26:00 AM	B35848
trans-1,2-DCE	ND	1.0		µg/L	1	7/21/2016 12:26:00 AM	B35848
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	7/21/2016 12:26:00 AM	B35848
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	7/21/2016 12:26:00 AM	B35848
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	7/21/2016 12:26:00 AM	B35848
1,1,1-Trichloroethane	ND	1.0		µg/L	1	7/21/2016 12:26:00 AM	B35848
1,1,2-Trichloroethane	ND	1.0		µg/L	1	7/21/2016 12:26:00 AM	B35848
Trichloroethene (TCE)	ND	1.0		µg/L	1	7/21/2016 12:26:00 AM	B35848
Trichlorofluoromethane	ND	1.0		µg/L	1	7/21/2016 12:26:00 AM	B35848
1,2,3-Trichloropropane	ND	2.0		µg/L	1	7/21/2016 12:26:00 AM	B35848
Vinyl chloride	ND	1.0		µg/L	1	7/21/2016 12:26:00 AM	B35848
Xylenes, Total	590	150		µg/L	100	7/22/2016 11:42:39 PM	B35935
Surr: 1,2-Dichloroethane-d4	125	70-130		%Rec	1	7/21/2016 12:26:00 AM	B35848
Surr: 4-Bromofluorobenzene	99.7	70-130		%Rec	1	7/21/2016 12:26:00 AM	B35848
Surr: Dibromofluoromethane	97.2	70-130		%Rec	1	7/21/2016 12:26:00 AM	B35848
Surr: Toluene-d8	90.6	70-130		%Rec	1	7/21/2016 12:26:00 AM	B35848

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: MW-13
Project: Fairview Station
Collection Date: 7/14/2016 7:35:00 AM
Lab ID: 1607732-016
Matrix: AQUEOUS
Received Date: 7/15/2016 8:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**	
Benzene	1900	100		µg/L	100	7/23/2016 12:11:06 AM	B35935
Toluene	13	1.0		µg/L	1	7/21/2016 12:50:00 AM	B35848
Ethylbenzene	280	100		µg/L	100	7/23/2016 12:11:06 AM	B35935
Methyl tert-butyl ether (MTBE)	9.5	1.0		µg/L	1	7/21/2016 12:50:00 AM	B35848
1,2,4-Trimethylbenzene	62	1.0		µg/L	1	7/21/2016 12:50:00 AM	B35848
1,3,5-Trimethylbenzene	10	1.0		µg/L	1	7/21/2016 12:50:00 AM	B35848
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	7/21/2016 12:50:00 AM	B35848
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	7/21/2016 12:50:00 AM	B35848
Naphthalene	42	2.0		µg/L	1	7/21/2016 12:50:00 AM	B35848
1-Methylnaphthalene	9.8	4.0		µg/L	1	7/21/2016 12:50:00 AM	B35848
2-Methylnaphthalene	14	4.0		µg/L	1	7/21/2016 12:50:00 AM	B35848
Acetone	11	10		µg/L	1	7/21/2016 12:50:00 AM	B35848
Bromobenzene	ND	1.0		µg/L	1	7/21/2016 12:50:00 AM	B35848
Bromodichloromethane	ND	1.0		µg/L	1	7/21/2016 12:50:00 AM	B35848
Bromoform	ND	1.0		µg/L	1	7/21/2016 12:50:00 AM	B35848
Bromomethane	ND	3.0		µg/L	1	7/21/2016 12:50:00 AM	B35848
2-Butanone	ND	10		µg/L	1	7/21/2016 12:50:00 AM	B35848
Carbon disulfide	ND	10		µg/L	1	7/21/2016 12:50:00 AM	B35848
Carbon Tetrachloride	ND	1.0		µg/L	1	7/21/2016 12:50:00 AM	B35848
Chlorobenzene	ND	1.0		µg/L	1	7/21/2016 12:50:00 AM	B35848
Chloroethane	ND	2.0		µg/L	1	7/21/2016 12:50:00 AM	B35848
Chloroform	ND	1.0		µg/L	1	7/21/2016 12:50:00 AM	B35848
Chloromethane	ND	3.0		µg/L	1	7/21/2016 12:50:00 AM	B35848
2-Chlorotoluene	ND	1.0		µg/L	1	7/21/2016 12:50:00 AM	B35848
4-Chlorotoluene	ND	1.0		µg/L	1	7/21/2016 12:50:00 AM	B35848
cis-1,2-DCE	ND	1.0		µg/L	1	7/21/2016 12:50:00 AM	B35848
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	7/21/2016 12:50:00 AM	B35848
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	7/21/2016 12:50:00 AM	B35848
Dibromochloromethane	ND	1.0		µg/L	1	7/21/2016 12:50:00 AM	B35848
Dibromomethane	ND	1.0		µg/L	1	7/21/2016 12:50:00 AM	B35848
1,2-Dichlorobenzene	ND	1.0		µg/L	1	7/21/2016 12:50:00 AM	B35848
1,3-Dichlorobenzene	ND	1.0		µg/L	1	7/21/2016 12:50:00 AM	B35848
1,4-Dichlorobenzene	ND	1.0		µg/L	1	7/21/2016 12:50:00 AM	B35848
Dichlorodifluoromethane	ND	1.0		µg/L	1	7/21/2016 12:50:00 AM	B35848
1,1-Dichloroethane	ND	1.0		µg/L	1	7/21/2016 12:50:00 AM	B35848
1,1-Dichloroethene	ND	1.0		µg/L	1	7/21/2016 12:50:00 AM	B35848
1,2-Dichloropropane	ND	1.0		µg/L	1	7/21/2016 12:50:00 AM	B35848
1,3-Dichloropropane	ND	1.0		µg/L	1	7/21/2016 12:50:00 AM	B35848
2,2-Dichloropropane	ND	2.0		µg/L	1	7/21/2016 12:50:00 AM	B35848

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: MW-13
Project: Fairview Station
Collection Date: 7/14/2016 7:35:00 AM
Lab ID: 1607732-016
Matrix: AQUEOUS
Received Date: 7/15/2016 8:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**	
1,1-Dichloropropene	ND	1.0		µg/L	1	7/21/2016 12:50:00 AM	B35848
Hexachlorobutadiene	ND	1.0		µg/L	1	7/21/2016 12:50:00 AM	B35848
2-Hexanone	ND	10		µg/L	1	7/21/2016 12:50:00 AM	B35848
Isopropylbenzene	12	1.0		µg/L	1	7/21/2016 12:50:00 AM	B35848
4-Isopropyltoluene	1.6	1.0		µg/L	1	7/21/2016 12:50:00 AM	B35848
4-Methyl-2-pentanone	ND	10		µg/L	1	7/21/2016 12:50:00 AM	B35848
Methylene Chloride	ND	3.0		µg/L	1	7/21/2016 12:50:00 AM	B35848
n-Butylbenzene	3.3	3.0		µg/L	1	7/21/2016 12:50:00 AM	B35848
n-Propylbenzene	29	1.0		µg/L	1	7/21/2016 12:50:00 AM	B35848
sec-Butylbenzene	3.6	1.0		µg/L	1	7/21/2016 12:50:00 AM	B35848
Styrene	ND	1.0		µg/L	1	7/21/2016 12:50:00 AM	B35848
tert-Butylbenzene	ND	1.0		µg/L	1	7/21/2016 12:50:00 AM	B35848
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	7/21/2016 12:50:00 AM	B35848
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	7/21/2016 12:50:00 AM	B35848
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	7/21/2016 12:50:00 AM	B35848
trans-1,2-DCE	ND	1.0		µg/L	1	7/21/2016 12:50:00 AM	B35848
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	7/21/2016 12:50:00 AM	B35848
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	7/21/2016 12:50:00 AM	B35848
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	7/21/2016 12:50:00 AM	B35848
1,1,1-Trichloroethane	ND	1.0		µg/L	1	7/21/2016 12:50:00 AM	B35848
1,1,2-Trichloroethane	ND	1.0		µg/L	1	7/21/2016 12:50:00 AM	B35848
Trichloroethene (TCE)	ND	1.0		µg/L	1	7/21/2016 12:50:00 AM	B35848
Trichlorofluoromethane	ND	1.0		µg/L	1	7/21/2016 12:50:00 AM	B35848
1,2,3-Trichloropropane	ND	2.0		µg/L	1	7/21/2016 12:50:00 AM	B35848
Vinyl chloride	ND	1.0		µg/L	1	7/21/2016 12:50:00 AM	B35848
Xylenes, Total	71	1.5		µg/L	1	7/21/2016 12:50:00 AM	B35848
Surr: 1,2-Dichloroethane-d4	110	70-130		%Rec	1	7/21/2016 12:50:00 AM	B35848
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	1	7/21/2016 12:50:00 AM	B35848
Surr: Dibromofluoromethane	98.1	70-130		%Rec	1	7/21/2016 12:50:00 AM	B35848
Surr: Toluene-d8	92.8	70-130		%Rec	1	7/21/2016 12:50:00 AM	B35848

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: MW-16
Project: Fairview Station
Collection Date: 7/13/2016 12:30:00 PM
Lab ID: 1607732-017
Matrix: AQUEOUS
Received Date: 7/15/2016 8:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
Benzene	67	1.0		µg/L	1	7/21/2016 1:13:00 AM	B35848
Toluene	78	1.0		µg/L	1	7/21/2016 1:13:00 AM	B35848
Ethylbenzene	150	10		µg/L	10	7/23/2016 12:39:33 AM	B35935
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	7/21/2016 1:13:00 AM	B35848
1,2,4-Trimethylbenzene	280	10		µg/L	10	7/23/2016 12:39:33 AM	B35935
1,3,5-Trimethylbenzene	54	1.0		µg/L	1	7/21/2016 1:13:00 AM	B35848
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	7/21/2016 1:13:00 AM	B35848
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	7/21/2016 1:13:00 AM	B35848
Naphthalene	67	2.0		µg/L	1	7/21/2016 1:13:00 AM	B35848
1-Methylnaphthalene	17	4.0		µg/L	1	7/21/2016 1:13:00 AM	B35848
2-Methylnaphthalene	23	4.0		µg/L	1	7/21/2016 1:13:00 AM	B35848
Acetone	34	10		µg/L	1	7/21/2016 1:13:00 AM	B35848
Bromobenzene	ND	1.0		µg/L	1	7/21/2016 1:13:00 AM	B35848
Bromodichloromethane	ND	1.0		µg/L	1	7/21/2016 1:13:00 AM	B35848
Bromoform	ND	1.0		µg/L	1	7/21/2016 1:13:00 AM	B35848
Bromomethane	ND	3.0		µg/L	1	7/21/2016 1:13:00 AM	B35848
2-Butanone	14	10		µg/L	1	7/21/2016 1:13:00 AM	B35848
Carbon disulfide	ND	10		µg/L	1	7/21/2016 1:13:00 AM	B35848
Carbon Tetrachloride	ND	1.0		µg/L	1	7/21/2016 1:13:00 AM	B35848
Chlorobenzene	ND	1.0		µg/L	1	7/21/2016 1:13:00 AM	B35848
Chloroethane	ND	2.0		µg/L	1	7/21/2016 1:13:00 AM	B35848
Chloroform	ND	1.0		µg/L	1	7/21/2016 1:13:00 AM	B35848
Chloromethane	ND	3.0		µg/L	1	7/21/2016 1:13:00 AM	B35848
2-Chlorotoluene	ND	1.0		µg/L	1	7/21/2016 1:13:00 AM	B35848
4-Chlorotoluene	ND	1.0		µg/L	1	7/21/2016 1:13:00 AM	B35848
cis-1,2-DCE	ND	1.0		µg/L	1	7/21/2016 1:13:00 AM	B35848
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	7/21/2016 1:13:00 AM	B35848
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	7/21/2016 1:13:00 AM	B35848
Dibromochloromethane	ND	1.0		µg/L	1	7/21/2016 1:13:00 AM	B35848
Dibromomethane	ND	1.0		µg/L	1	7/21/2016 1:13:00 AM	B35848
1,2-Dichlorobenzene	ND	1.0		µg/L	1	7/21/2016 1:13:00 AM	B35848
1,3-Dichlorobenzene	ND	1.0		µg/L	1	7/21/2016 1:13:00 AM	B35848
1,4-Dichlorobenzene	ND	1.0		µg/L	1	7/21/2016 1:13:00 AM	B35848
Dichlorodifluoromethane	ND	1.0		µg/L	1	7/21/2016 1:13:00 AM	B35848
1,1-Dichloroethane	ND	1.0		µg/L	1	7/21/2016 1:13:00 AM	B35848
1,1-Dichloroethene	ND	1.0		µg/L	1	7/21/2016 1:13:00 AM	B35848
1,2-Dichloropropane	ND	1.0		µg/L	1	7/21/2016 1:13:00 AM	B35848
1,3-Dichloropropane	ND	1.0		µg/L	1	7/21/2016 1:13:00 AM	B35848
2,2-Dichloropropane	ND	2.0		µg/L	1	7/21/2016 1:13:00 AM	B35848

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: MW-16
Project: Fairview Station
Collection Date: 7/13/2016 12:30:00 PM
Lab ID: 1607732-017
Matrix: AQUEOUS
Received Date: 7/15/2016 8:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
1,1-Dichloropropene	ND	1.0		µg/L	1	7/21/2016 1:13:00 AM	B35848
Hexachlorobutadiene	ND	1.0		µg/L	1	7/21/2016 1:13:00 AM	B35848
2-Hexanone	ND	10		µg/L	1	7/21/2016 1:13:00 AM	B35848
Isopropylbenzene	16	1.0		µg/L	1	7/21/2016 1:13:00 AM	B35848
4-Isopropyltoluene	1.8	1.0		µg/L	1	7/21/2016 1:13:00 AM	B35848
4-Methyl-2-pentanone	ND	10		µg/L	1	7/21/2016 1:13:00 AM	B35848
Methylene Chloride	ND	3.0		µg/L	1	7/21/2016 1:13:00 AM	B35848
n-Butylbenzene	4.4	3.0		µg/L	1	7/21/2016 1:13:00 AM	B35848
n-Propylbenzene	42	1.0		µg/L	1	7/21/2016 1:13:00 AM	B35848
sec-Butylbenzene	3.4	1.0		µg/L	1	7/21/2016 1:13:00 AM	B35848
Styrene	ND	1.0		µg/L	1	7/21/2016 1:13:00 AM	B35848
tert-Butylbenzene	ND	1.0		µg/L	1	7/21/2016 1:13:00 AM	B35848
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	7/21/2016 1:13:00 AM	B35848
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	7/21/2016 1:13:00 AM	B35848
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	7/21/2016 1:13:00 AM	B35848
trans-1,2-DCE	ND	1.0		µg/L	1	7/21/2016 1:13:00 AM	B35848
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	7/21/2016 1:13:00 AM	B35848
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	7/21/2016 1:13:00 AM	B35848
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	7/21/2016 1:13:00 AM	B35848
1,1,1-Trichloroethane	ND	1.0		µg/L	1	7/21/2016 1:13:00 AM	B35848
1,1,2-Trichloroethane	ND	1.0		µg/L	1	7/21/2016 1:13:00 AM	B35848
Trichloroethene (TCE)	ND	1.0		µg/L	1	7/21/2016 1:13:00 AM	B35848
Trichlorofluoromethane	ND	1.0		µg/L	1	7/21/2016 1:13:00 AM	B35848
1,2,3-Trichloropropane	ND	2.0		µg/L	1	7/21/2016 1:13:00 AM	B35848
Vinyl chloride	ND	1.0		µg/L	1	7/21/2016 1:13:00 AM	B35848
Xylenes, Total	290	15		µg/L	10	7/23/2016 12:39:33 AM	B35935
Surr: 1,2-Dichloroethane-d4	111	70-130		%Rec	1	7/21/2016 1:13:00 AM	B35848
Surr: 4-Bromofluorobenzene	106	70-130		%Rec	1	7/21/2016 1:13:00 AM	B35848
Surr: Dibromofluoromethane	103	70-130		%Rec	1	7/21/2016 1:13:00 AM	B35848
Surr: Toluene-d8	94.2	70-130		%Rec	1	7/21/2016 1:13:00 AM	B35848

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: MW-17
Project: Fairview Station
Collection Date: 7/13/2016 2:55:00 PM
Lab ID: 1607732-018
Matrix: AQUEOUS
Received Date: 7/15/2016 8:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
Benzene	ND	1.0		µg/L	1	7/21/2016 2:23:00 AM	B35848
Toluene	ND	1.0		µg/L	1	7/21/2016 2:23:00 AM	B35848
Ethylbenzene	ND	1.0		µg/L	1	7/21/2016 2:23:00 AM	B35848
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	7/21/2016 2:23:00 AM	B35848
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	7/21/2016 2:23:00 AM	B35848
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	7/21/2016 2:23:00 AM	B35848
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	7/21/2016 2:23:00 AM	B35848
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	7/21/2016 2:23:00 AM	B35848
Naphthalene	ND	2.0		µg/L	1	7/21/2016 2:23:00 AM	B35848
1-Methylnaphthalene	ND	4.0		µg/L	1	7/21/2016 2:23:00 AM	B35848
2-Methylnaphthalene	ND	4.0		µg/L	1	7/21/2016 2:23:00 AM	B35848
Acetone	ND	10		µg/L	1	7/21/2016 2:23:00 AM	B35848
Bromobenzene	ND	1.0		µg/L	1	7/21/2016 2:23:00 AM	B35848
Bromodichloromethane	ND	1.0		µg/L	1	7/21/2016 2:23:00 AM	B35848
Bromoform	ND	1.0		µg/L	1	7/21/2016 2:23:00 AM	B35848
Bromomethane	ND	3.0		µg/L	1	7/21/2016 2:23:00 AM	B35848
2-Butanone	ND	10		µg/L	1	7/21/2016 2:23:00 AM	B35848
Carbon disulfide	ND	10		µg/L	1	7/21/2016 2:23:00 AM	B35848
Carbon Tetrachloride	ND	1.0		µg/L	1	7/21/2016 2:23:00 AM	B35848
Chlorobenzene	ND	1.0		µg/L	1	7/21/2016 2:23:00 AM	B35848
Chloroethane	ND	2.0		µg/L	1	7/21/2016 2:23:00 AM	B35848
Chloroform	ND	1.0		µg/L	1	7/21/2016 2:23:00 AM	B35848
Chloromethane	ND	3.0		µg/L	1	7/21/2016 2:23:00 AM	B35848
2-Chlorotoluene	ND	1.0		µg/L	1	7/21/2016 2:23:00 AM	B35848
4-Chlorotoluene	ND	1.0		µg/L	1	7/21/2016 2:23:00 AM	B35848
cis-1,2-DCE	ND	1.0		µg/L	1	7/21/2016 2:23:00 AM	B35848
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	7/21/2016 2:23:00 AM	B35848
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	7/21/2016 2:23:00 AM	B35848
Dibromochloromethane	ND	1.0		µg/L	1	7/21/2016 2:23:00 AM	B35848
Dibromomethane	ND	1.0		µg/L	1	7/21/2016 2:23:00 AM	B35848
1,2-Dichlorobenzene	ND	1.0		µg/L	1	7/21/2016 2:23:00 AM	B35848
1,3-Dichlorobenzene	ND	1.0		µg/L	1	7/21/2016 2:23:00 AM	B35848
1,4-Dichlorobenzene	ND	1.0		µg/L	1	7/21/2016 2:23:00 AM	B35848
Dichlorodifluoromethane	ND	1.0		µg/L	1	7/21/2016 2:23:00 AM	B35848
1,1-Dichloroethane	ND	1.0		µg/L	1	7/21/2016 2:23:00 AM	B35848
1,1-Dichloroethene	ND	1.0		µg/L	1	7/21/2016 2:23:00 AM	B35848
1,2-Dichloropropane	ND	1.0		µg/L	1	7/21/2016 2:23:00 AM	B35848
1,3-Dichloropropane	ND	1.0		µg/L	1	7/21/2016 2:23:00 AM	B35848
2,2-Dichloropropane	ND	2.0		µg/L	1	7/21/2016 2:23:00 AM	B35848

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: MW-17
Project: Fairview Station
Collection Date: 7/13/2016 2:55:00 PM
Lab ID: 1607732-018
Matrix: AQUEOUS
Received Date: 7/15/2016 8:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
1,1-Dichloropropene	ND	1.0		µg/L	1	7/21/2016 2:23:00 AM	B35848
Hexachlorobutadiene	ND	1.0		µg/L	1	7/21/2016 2:23:00 AM	B35848
2-Hexanone	ND	10		µg/L	1	7/21/2016 2:23:00 AM	B35848
Isopropylbenzene	ND	1.0		µg/L	1	7/21/2016 2:23:00 AM	B35848
4-Isopropyltoluene	ND	1.0		µg/L	1	7/21/2016 2:23:00 AM	B35848
4-Methyl-2-pentanone	ND	10		µg/L	1	7/21/2016 2:23:00 AM	B35848
Methylene Chloride	ND	3.0		µg/L	1	7/21/2016 2:23:00 AM	B35848
n-Butylbenzene	ND	3.0		µg/L	1	7/21/2016 2:23:00 AM	B35848
n-Propylbenzene	ND	1.0		µg/L	1	7/21/2016 2:23:00 AM	B35848
sec-Butylbenzene	ND	1.0		µg/L	1	7/21/2016 2:23:00 AM	B35848
Styrene	ND	1.0		µg/L	1	7/21/2016 2:23:00 AM	B35848
tert-Butylbenzene	ND	1.0		µg/L	1	7/21/2016 2:23:00 AM	B35848
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	7/21/2016 2:23:00 AM	B35848
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	7/21/2016 2:23:00 AM	B35848
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	7/21/2016 2:23:00 AM	B35848
trans-1,2-DCE	ND	1.0		µg/L	1	7/21/2016 2:23:00 AM	B35848
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	7/21/2016 2:23:00 AM	B35848
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	7/21/2016 2:23:00 AM	B35848
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	7/21/2016 2:23:00 AM	B35848
1,1,1-Trichloroethane	ND	1.0		µg/L	1	7/21/2016 2:23:00 AM	B35848
1,1,2-Trichloroethane	ND	1.0		µg/L	1	7/21/2016 2:23:00 AM	B35848
Trichloroethene (TCE)	ND	1.0		µg/L	1	7/21/2016 2:23:00 AM	B35848
Trichlorofluoromethane	ND	1.0		µg/L	1	7/21/2016 2:23:00 AM	B35848
1,2,3-Trichloropropane	ND	2.0		µg/L	1	7/21/2016 2:23:00 AM	B35848
Vinyl chloride	ND	1.0		µg/L	1	7/21/2016 2:23:00 AM	B35848
Xylenes, Total	ND	1.5		µg/L	1	7/21/2016 2:23:00 AM	B35848
Surr: 1,2-Dichloroethane-d4	105	70-130		%Rec	1	7/21/2016 2:23:00 AM	B35848
Surr: 4-Bromofluorobenzene	99.7	70-130		%Rec	1	7/21/2016 2:23:00 AM	B35848
Surr: Dibromofluoromethane	101	70-130		%Rec	1	7/21/2016 2:23:00 AM	B35848
Surr: Toluene-d8	94.5	70-130		%Rec	1	7/21/2016 2:23:00 AM	B35848

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: MW-18
Project: Fairview Station
Collection Date: 7/14/2016 10:10:00 AM
Lab ID: 1607732-019
Matrix: AQUEOUS
Received Date: 7/15/2016 8:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**	
Benzene	1800	100		µg/L	100	7/23/2016 1:08:02 AM	B35935
Toluene	610	100		µg/L	100	7/23/2016 1:08:02 AM	B35935
Ethylbenzene	1500	100		µg/L	100	7/23/2016 1:08:02 AM	B35935
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	7/21/2016 2:46:00 AM	B35848
1,2,4-Trimethylbenzene	1400	100		µg/L	100	7/23/2016 1:08:02 AM	B35935
1,3,5-Trimethylbenzene	380	100		µg/L	100	7/23/2016 1:08:02 AM	B35935
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	7/21/2016 2:46:00 AM	B35848
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	7/21/2016 2:46:00 AM	B35848
Naphthalene	460	200		µg/L	100	7/23/2016 1:08:02 AM	B35935
1-Methylnaphthalene	76	4.0		µg/L	1	7/21/2016 2:46:00 AM	B35848
2-Methylnaphthalene	140	100		µg/L	100	7/23/2016 1:08:02 AM	B35935
Acetone	32	10		µg/L	1	7/21/2016 2:46:00 AM	B35848
Bromobenzene	ND	1.0		µg/L	1	7/21/2016 2:46:00 AM	B35848
Bromodichloromethane	ND	1.0		µg/L	1	7/21/2016 2:46:00 AM	B35848
Bromoform	ND	1.0		µg/L	1	7/21/2016 2:46:00 AM	B35848
Bromomethane	ND	3.0		µg/L	1	7/21/2016 2:46:00 AM	B35848
2-Butanone	13	10		µg/L	1	7/21/2016 2:46:00 AM	B35848
Carbon disulfide	ND	10		µg/L	1	7/21/2016 2:46:00 AM	B35848
Carbon Tetrachloride	ND	1.0		µg/L	1	7/21/2016 2:46:00 AM	B35848
Chlorobenzene	ND	1.0		µg/L	1	7/21/2016 2:46:00 AM	B35848
Chloroethane	ND	2.0		µg/L	1	7/21/2016 2:46:00 AM	B35848
Chloroform	ND	1.0		µg/L	1	7/21/2016 2:46:00 AM	B35848
Chloromethane	ND	3.0		µg/L	1	7/21/2016 2:46:00 AM	B35848
2-Chlorotoluene	ND	1.0		µg/L	1	7/21/2016 2:46:00 AM	B35848
4-Chlorotoluene	ND	1.0		µg/L	1	7/21/2016 2:46:00 AM	B35848
cis-1,2-DCE	ND	1.0		µg/L	1	7/21/2016 2:46:00 AM	B35848
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	7/21/2016 2:46:00 AM	B35848
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	7/21/2016 2:46:00 AM	B35848
Dibromochloromethane	ND	1.0		µg/L	1	7/21/2016 2:46:00 AM	B35848
Dibromomethane	ND	1.0		µg/L	1	7/21/2016 2:46:00 AM	B35848
1,2-Dichlorobenzene	ND	1.0		µg/L	1	7/21/2016 2:46:00 AM	B35848
1,3-Dichlorobenzene	ND	1.0		µg/L	1	7/21/2016 2:46:00 AM	B35848
1,4-Dichlorobenzene	ND	1.0		µg/L	1	7/21/2016 2:46:00 AM	B35848
Dichlorodifluoromethane	ND	1.0		µg/L	1	7/21/2016 2:46:00 AM	B35848
1,1-Dichloroethane	ND	1.0		µg/L	1	7/21/2016 2:46:00 AM	B35848
1,1-Dichloroethene	ND	1.0		µg/L	1	7/21/2016 2:46:00 AM	B35848
1,2-Dichloropropane	ND	1.0		µg/L	1	7/21/2016 2:46:00 AM	B35848
1,3-Dichloropropane	ND	1.0		µg/L	1	7/21/2016 2:46:00 AM	B35848
2,2-Dichloropropane	ND	2.0		µg/L	1	7/21/2016 2:46:00 AM	B35848

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: MW-18
Project: Fairview Station
Collection Date: 7/14/2016 10:10:00 AM
Lab ID: 1607732-019
Matrix: AQUEOUS
Received Date: 7/15/2016 8:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**	
1,1-Dichloropropene	ND	1.0		µg/L	1	7/21/2016 2:46:00 AM	B35848
Hexachlorobutadiene	ND	1.0		µg/L	1	7/21/2016 2:46:00 AM	B35848
2-Hexanone	ND	10		µg/L	1	7/21/2016 2:46:00 AM	B35848
Isopropylbenzene	69	1.0		µg/L	1	7/21/2016 2:46:00 AM	B35848
4-Isopropyltoluene	14	1.0		µg/L	1	7/21/2016 2:46:00 AM	B35848
4-Methyl-2-pentanone	ND	10		µg/L	1	7/21/2016 2:46:00 AM	B35848
Methylene Chloride	ND	3.0		µg/L	1	7/21/2016 2:46:00 AM	B35848
n-Butylbenzene	32	3.0		µg/L	1	7/21/2016 2:46:00 AM	B35848
n-Propylbenzene	220	100		µg/L	100	7/23/2016 1:08:02 AM	B35935
sec-Butylbenzene	14	1.0		µg/L	1	7/21/2016 2:46:00 AM	B35848
Styrene	ND	1.0		µg/L	1	7/21/2016 2:46:00 AM	B35848
tert-Butylbenzene	ND	1.0		µg/L	1	7/21/2016 2:46:00 AM	B35848
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	7/21/2016 2:46:00 AM	B35848
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	7/21/2016 2:46:00 AM	B35848
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	7/21/2016 2:46:00 AM	B35848
trans-1,2-DCE	ND	1.0		µg/L	1	7/21/2016 2:46:00 AM	B35848
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	7/21/2016 2:46:00 AM	B35848
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	7/21/2016 2:46:00 AM	B35848
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	7/21/2016 2:46:00 AM	B35848
1,1,1-Trichloroethane	ND	1.0		µg/L	1	7/21/2016 2:46:00 AM	B35848
1,1,2-Trichloroethane	ND	1.0		µg/L	1	7/21/2016 2:46:00 AM	B35848
Trichloroethene (TCE)	ND	1.0		µg/L	1	7/21/2016 2:46:00 AM	B35848
Trichlorofluoromethane	ND	1.0		µg/L	1	7/21/2016 2:46:00 AM	B35848
1,2,3-Trichloropropane	ND	2.0		µg/L	1	7/21/2016 2:46:00 AM	B35848
Vinyl chloride	ND	1.0		µg/L	1	7/21/2016 2:46:00 AM	B35848
Xylenes, Total	4300	150		µg/L	100	7/23/2016 1:08:02 AM	B35935
Surr: 1,2-Dichloroethane-d4	95.9	70-130		%Rec	1	7/21/2016 2:46:00 AM	B35848
Surr: 4-Bromofluorobenzene	106	70-130		%Rec	1	7/21/2016 2:46:00 AM	B35848
Surr: Dibromofluoromethane	98.1	70-130		%Rec	1	7/21/2016 2:46:00 AM	B35848
Surr: Toluene-d8	81.9	70-130		%Rec	1	7/21/2016 2:46:00 AM	B35848

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: MW-19
Project: Fairview Station
Collection Date: 7/14/2016 10:00:00 AM
Lab ID: 1607732-020
Matrix: AQUEOUS
Received Date: 7/15/2016 8:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
Benzene	75	1.0		µg/L	1	7/21/2016 3:09:00 AM	B35848
Toluene	160	10		µg/L	10	7/23/2016 1:36:31 AM	B35935
Ethylbenzene	45	1.0		µg/L	1	7/21/2016 3:09:00 AM	B35848
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	7/21/2016 3:09:00 AM	B35848
1,2,4-Trimethylbenzene	72	1.0		µg/L	1	7/21/2016 3:09:00 AM	B35848
1,3,5-Trimethylbenzene	23	1.0		µg/L	1	7/21/2016 3:09:00 AM	B35848
1,2-Dichloroethane (EDC)	3.2	1.0		µg/L	1	7/21/2016 3:09:00 AM	B35848
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	7/21/2016 3:09:00 AM	B35848
Naphthalene	15	2.0		µg/L	1	7/21/2016 3:09:00 AM	B35848
1-Methylnaphthalene	6.4	4.0		µg/L	1	7/21/2016 3:09:00 AM	B35848
2-Methylnaphthalene	12	4.0		µg/L	1	7/21/2016 3:09:00 AM	B35848
Acetone	19	10		µg/L	1	7/21/2016 3:09:00 AM	B35848
Bromobenzene	ND	1.0		µg/L	1	7/21/2016 3:09:00 AM	B35848
Bromodichloromethane	ND	1.0		µg/L	1	7/21/2016 3:09:00 AM	B35848
Bromoform	ND	1.0		µg/L	1	7/21/2016 3:09:00 AM	B35848
Bromomethane	ND	3.0		µg/L	1	7/21/2016 3:09:00 AM	B35848
2-Butanone	ND	10		µg/L	1	7/21/2016 3:09:00 AM	B35848
Carbon disulfide	ND	10		µg/L	1	7/21/2016 3:09:00 AM	B35848
Carbon Tetrachloride	ND	1.0		µg/L	1	7/21/2016 3:09:00 AM	B35848
Chlorobenzene	ND	1.0		µg/L	1	7/21/2016 3:09:00 AM	B35848
Chloroethane	ND	2.0		µg/L	1	7/21/2016 3:09:00 AM	B35848
Chloroform	ND	1.0		µg/L	1	7/21/2016 3:09:00 AM	B35848
Chloromethane	ND	3.0		µg/L	1	7/21/2016 3:09:00 AM	B35848
2-Chlorotoluene	ND	1.0		µg/L	1	7/21/2016 3:09:00 AM	B35848
4-Chlorotoluene	ND	1.0		µg/L	1	7/21/2016 3:09:00 AM	B35848
cis-1,2-DCE	ND	1.0		µg/L	1	7/21/2016 3:09:00 AM	B35848
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	7/21/2016 3:09:00 AM	B35848
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	7/21/2016 3:09:00 AM	B35848
Dibromochloromethane	ND	1.0		µg/L	1	7/21/2016 3:09:00 AM	B35848
Dibromomethane	ND	1.0		µg/L	1	7/21/2016 3:09:00 AM	B35848
1,2-Dichlorobenzene	ND	1.0		µg/L	1	7/21/2016 3:09:00 AM	B35848
1,3-Dichlorobenzene	ND	1.0		µg/L	1	7/21/2016 3:09:00 AM	B35848
1,4-Dichlorobenzene	ND	1.0		µg/L	1	7/21/2016 3:09:00 AM	B35848
Dichlorodifluoromethane	ND	1.0		µg/L	1	7/21/2016 3:09:00 AM	B35848
1,1-Dichloroethane	ND	1.0		µg/L	1	7/21/2016 3:09:00 AM	B35848
1,1-Dichloroethene	ND	1.0		µg/L	1	7/21/2016 3:09:00 AM	B35848
1,2-Dichloropropane	ND	1.0		µg/L	1	7/21/2016 3:09:00 AM	B35848
1,3-Dichloropropane	ND	1.0		µg/L	1	7/21/2016 3:09:00 AM	B35848
2,2-Dichloropropane	ND	2.0		µg/L	1	7/21/2016 3:09:00 AM	B35848

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: MW-19
Project: Fairview Station
Collection Date: 7/14/2016 10:00:00 AM
Lab ID: 1607732-020
Matrix: AQUEOUS
Received Date: 7/15/2016 8:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
1,1-Dichloropropene	ND	1.0		µg/L	1	7/21/2016 3:09:00 AM	B35848
Hexachlorobutadiene	ND	1.0		µg/L	1	7/21/2016 3:09:00 AM	B35848
2-Hexanone	ND	10		µg/L	1	7/21/2016 3:09:00 AM	B35848
Isopropylbenzene	6.0	1.0		µg/L	1	7/21/2016 3:09:00 AM	B35848
4-Isopropyltoluene	3.1	1.0		µg/L	1	7/21/2016 3:09:00 AM	B35848
4-Methyl-2-pentanone	ND	10		µg/L	1	7/21/2016 3:09:00 AM	B35848
Methylene Chloride	ND	3.0		µg/L	1	7/21/2016 3:09:00 AM	B35848
n-Butylbenzene	3.0	3.0		µg/L	1	7/21/2016 3:09:00 AM	B35848
n-Propylbenzene	13	1.0		µg/L	1	7/21/2016 3:09:00 AM	B35848
sec-Butylbenzene	1.6	1.0		µg/L	1	7/21/2016 3:09:00 AM	B35848
Styrene	ND	1.0		µg/L	1	7/21/2016 3:09:00 AM	B35848
tert-Butylbenzene	ND	1.0		µg/L	1	7/21/2016 3:09:00 AM	B35848
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	7/21/2016 3:09:00 AM	B35848
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	7/21/2016 3:09:00 AM	B35848
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	7/21/2016 3:09:00 AM	B35848
trans-1,2-DCE	ND	1.0		µg/L	1	7/21/2016 3:09:00 AM	B35848
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	7/21/2016 3:09:00 AM	B35848
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	7/21/2016 3:09:00 AM	B35848
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	7/21/2016 3:09:00 AM	B35848
1,1,1-Trichloroethane	ND	1.0		µg/L	1	7/21/2016 3:09:00 AM	B35848
1,1,2-Trichloroethane	ND	1.0		µg/L	1	7/21/2016 3:09:00 AM	B35848
Trichloroethene (TCE)	ND	1.0		µg/L	1	7/21/2016 3:09:00 AM	B35848
Trichlorofluoromethane	ND	1.0		µg/L	1	7/21/2016 3:09:00 AM	B35848
1,2,3-Trichloropropane	ND	2.0		µg/L	1	7/21/2016 3:09:00 AM	B35848
Vinyl chloride	ND	1.0		µg/L	1	7/21/2016 3:09:00 AM	B35848
Xylenes, Total	110	1.5		µg/L	1	7/21/2016 3:09:00 AM	B35848
Surr: 1,2-Dichloroethane-d4	103	70-130		%Rec	1	7/21/2016 3:09:00 AM	B35848
Surr: 4-Bromofluorobenzene	110	70-130		%Rec	1	7/21/2016 3:09:00 AM	B35848
Surr: Dibromofluoromethane	98.1	70-130		%Rec	1	7/21/2016 3:09:00 AM	B35848
Surr: Toluene-d8	91.0	70-130		%Rec	1	7/21/2016 3:09:00 AM	B35848

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: MW-20
Project: Fairview Station
Collection Date: 7/13/2016 3:20:00 PM
Lab ID: 1607732-021
Matrix: AQUEOUS
Received Date: 7/15/2016 8:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
Benzene	ND	1.0		µg/L	1	7/21/2016 3:32:00 AM	B35848
Toluene	ND	1.0		µg/L	1	7/21/2016 3:32:00 AM	B35848
Ethylbenzene	ND	1.0		µg/L	1	7/21/2016 3:32:00 AM	B35848
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	7/21/2016 3:32:00 AM	B35848
1,2,4-Trimethylbenzene	1.8	1.0		µg/L	1	7/21/2016 3:32:00 AM	B35848
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	7/21/2016 3:32:00 AM	B35848
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	7/21/2016 3:32:00 AM	B35848
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	7/21/2016 3:32:00 AM	B35848
Naphthalene	ND	2.0		µg/L	1	7/21/2016 3:32:00 AM	B35848
1-Methylnaphthalene	ND	4.0		µg/L	1	7/21/2016 3:32:00 AM	B35848
2-Methylnaphthalene	ND	4.0		µg/L	1	7/21/2016 3:32:00 AM	B35848
Acetone	ND	10		µg/L	1	7/21/2016 3:32:00 AM	B35848
Bromobenzene	ND	1.0		µg/L	1	7/21/2016 3:32:00 AM	B35848
Bromodichloromethane	ND	1.0		µg/L	1	7/21/2016 3:32:00 AM	B35848
Bromoform	ND	1.0		µg/L	1	7/21/2016 3:32:00 AM	B35848
Bromomethane	ND	3.0		µg/L	1	7/21/2016 3:32:00 AM	B35848
2-Butanone	ND	10		µg/L	1	7/21/2016 3:32:00 AM	B35848
Carbon disulfide	ND	10		µg/L	1	7/21/2016 3:32:00 AM	B35848
Carbon Tetrachloride	ND	1.0		µg/L	1	7/21/2016 3:32:00 AM	B35848
Chlorobenzene	ND	1.0		µg/L	1	7/21/2016 3:32:00 AM	B35848
Chloroethane	ND	2.0		µg/L	1	7/21/2016 3:32:00 AM	B35848
Chloroform	ND	1.0		µg/L	1	7/21/2016 3:32:00 AM	B35848
Chloromethane	ND	3.0		µg/L	1	7/21/2016 3:32:00 AM	B35848
2-Chlorotoluene	ND	1.0		µg/L	1	7/21/2016 3:32:00 AM	B35848
4-Chlorotoluene	ND	1.0		µg/L	1	7/21/2016 3:32:00 AM	B35848
cis-1,2-DCE	ND	1.0		µg/L	1	7/21/2016 3:32:00 AM	B35848
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	7/21/2016 3:32:00 AM	B35848
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	7/21/2016 3:32:00 AM	B35848
Dibromochloromethane	ND	1.0		µg/L	1	7/21/2016 3:32:00 AM	B35848
Dibromomethane	ND	1.0		µg/L	1	7/21/2016 3:32:00 AM	B35848
1,2-Dichlorobenzene	ND	1.0		µg/L	1	7/21/2016 3:32:00 AM	B35848
1,3-Dichlorobenzene	ND	1.0		µg/L	1	7/21/2016 3:32:00 AM	B35848
1,4-Dichlorobenzene	ND	1.0		µg/L	1	7/21/2016 3:32:00 AM	B35848
Dichlorodifluoromethane	ND	1.0		µg/L	1	7/21/2016 3:32:00 AM	B35848
1,1-Dichloroethane	ND	1.0		µg/L	1	7/21/2016 3:32:00 AM	B35848
1,1-Dichloroethene	ND	1.0		µg/L	1	7/21/2016 3:32:00 AM	B35848
1,2-Dichloropropane	ND	1.0		µg/L	1	7/21/2016 3:32:00 AM	B35848
1,3-Dichloropropane	ND	1.0		µg/L	1	7/21/2016 3:32:00 AM	B35848
2,2-Dichloropropane	ND	2.0		µg/L	1	7/21/2016 3:32:00 AM	B35848

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: MW-20
Project: Fairview Station
Collection Date: 7/13/2016 3:20:00 PM
Lab ID: 1607732-021
Matrix: AQUEOUS
Received Date: 7/15/2016 8:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
1,1-Dichloropropene	ND	1.0		µg/L	1	7/21/2016 3:32:00 AM	B35848
Hexachlorobutadiene	ND	1.0		µg/L	1	7/21/2016 3:32:00 AM	B35848
2-Hexanone	ND	10		µg/L	1	7/21/2016 3:32:00 AM	B35848
Isopropylbenzene	ND	1.0		µg/L	1	7/21/2016 3:32:00 AM	B35848
4-Isopropyltoluene	ND	1.0		µg/L	1	7/21/2016 3:32:00 AM	B35848
4-Methyl-2-pentanone	ND	10		µg/L	1	7/21/2016 3:32:00 AM	B35848
Methylene Chloride	ND	3.0		µg/L	1	7/21/2016 3:32:00 AM	B35848
n-Butylbenzene	ND	3.0		µg/L	1	7/21/2016 3:32:00 AM	B35848
n-Propylbenzene	ND	1.0		µg/L	1	7/21/2016 3:32:00 AM	B35848
sec-Butylbenzene	ND	1.0		µg/L	1	7/21/2016 3:32:00 AM	B35848
Styrene	ND	1.0		µg/L	1	7/21/2016 3:32:00 AM	B35848
tert-Butylbenzene	ND	1.0		µg/L	1	7/21/2016 3:32:00 AM	B35848
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	7/21/2016 3:32:00 AM	B35848
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	7/21/2016 3:32:00 AM	B35848
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	7/21/2016 3:32:00 AM	B35848
trans-1,2-DCE	ND	1.0		µg/L	1	7/21/2016 3:32:00 AM	B35848
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	7/21/2016 3:32:00 AM	B35848
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	7/21/2016 3:32:00 AM	B35848
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	7/21/2016 3:32:00 AM	B35848
1,1,1-Trichloroethane	ND	1.0		µg/L	1	7/21/2016 3:32:00 AM	B35848
1,1,2-Trichloroethane	ND	1.0		µg/L	1	7/21/2016 3:32:00 AM	B35848
Trichloroethene (TCE)	ND	1.0		µg/L	1	7/21/2016 3:32:00 AM	B35848
Trichlorofluoromethane	ND	1.0		µg/L	1	7/21/2016 3:32:00 AM	B35848
1,2,3-Trichloropropane	ND	2.0		µg/L	1	7/21/2016 3:32:00 AM	B35848
Vinyl chloride	ND	1.0		µg/L	1	7/21/2016 3:32:00 AM	B35848
Xylenes, Total	ND	1.5		µg/L	1	7/21/2016 3:32:00 AM	B35848
Surr: 1,2-Dichloroethane-d4	103	70-130		%Rec	1	7/21/2016 3:32:00 AM	B35848
Surr: 4-Bromofluorobenzene	97.6	70-130		%Rec	1	7/21/2016 3:32:00 AM	B35848
Surr: Dibromofluoromethane	96.9	70-130		%Rec	1	7/21/2016 3:32:00 AM	B35848
Surr: Toluene-d8	92.9	70-130		%Rec	1	7/21/2016 3:32:00 AM	B35848

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: MW-21
Project: Fairview Station
Collection Date: 7/13/2016 3:10:00 PM
Lab ID: 1607732-022
Matrix: AQUEOUS
Received Date: 7/15/2016 8:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
Benzene	ND	1.0		µg/L	1	7/21/2016 3:55:00 AM	B35848
Toluene	ND	1.0		µg/L	1	7/21/2016 3:55:00 AM	B35848
Ethylbenzene	ND	1.0		µg/L	1	7/21/2016 3:55:00 AM	B35848
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	7/21/2016 3:55:00 AM	B35848
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	7/21/2016 3:55:00 AM	B35848
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	7/21/2016 3:55:00 AM	B35848
1,2-Dichloroethane (EDC)	1.1	1.0		µg/L	1	7/21/2016 3:55:00 AM	B35848
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	7/21/2016 3:55:00 AM	B35848
Naphthalene	ND	2.0		µg/L	1	7/21/2016 3:55:00 AM	B35848
1-Methylnaphthalene	ND	4.0		µg/L	1	7/21/2016 3:55:00 AM	B35848
2-Methylnaphthalene	ND	4.0		µg/L	1	7/21/2016 3:55:00 AM	B35848
Acetone	ND	10		µg/L	1	7/21/2016 3:55:00 AM	B35848
Bromobenzene	ND	1.0		µg/L	1	7/21/2016 3:55:00 AM	B35848
Bromodichloromethane	ND	1.0		µg/L	1	7/21/2016 3:55:00 AM	B35848
Bromoform	ND	1.0		µg/L	1	7/21/2016 3:55:00 AM	B35848
Bromomethane	ND	3.0		µg/L	1	7/21/2016 3:55:00 AM	B35848
2-Butanone	ND	10		µg/L	1	7/21/2016 3:55:00 AM	B35848
Carbon disulfide	ND	10		µg/L	1	7/21/2016 3:55:00 AM	B35848
Carbon Tetrachloride	ND	1.0		µg/L	1	7/21/2016 3:55:00 AM	B35848
Chlorobenzene	ND	1.0		µg/L	1	7/21/2016 3:55:00 AM	B35848
Chloroethane	ND	2.0		µg/L	1	7/21/2016 3:55:00 AM	B35848
Chloroform	ND	1.0		µg/L	1	7/21/2016 3:55:00 AM	B35848
Chloromethane	ND	3.0		µg/L	1	7/21/2016 3:55:00 AM	B35848
2-Chlorotoluene	ND	1.0		µg/L	1	7/21/2016 3:55:00 AM	B35848
4-Chlorotoluene	ND	1.0		µg/L	1	7/21/2016 3:55:00 AM	B35848
cis-1,2-DCE	ND	1.0		µg/L	1	7/21/2016 3:55:00 AM	B35848
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	7/21/2016 3:55:00 AM	B35848
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	7/21/2016 3:55:00 AM	B35848
Dibromochloromethane	ND	1.0		µg/L	1	7/21/2016 3:55:00 AM	B35848
Dibromomethane	ND	1.0		µg/L	1	7/21/2016 3:55:00 AM	B35848
1,2-Dichlorobenzene	ND	1.0		µg/L	1	7/21/2016 3:55:00 AM	B35848
1,3-Dichlorobenzene	ND	1.0		µg/L	1	7/21/2016 3:55:00 AM	B35848
1,4-Dichlorobenzene	ND	1.0		µg/L	1	7/21/2016 3:55:00 AM	B35848
Dichlorodifluoromethane	ND	1.0		µg/L	1	7/21/2016 3:55:00 AM	B35848
1,1-Dichloroethane	ND	1.0		µg/L	1	7/21/2016 3:55:00 AM	B35848
1,1-Dichloroethene	ND	1.0		µg/L	1	7/21/2016 3:55:00 AM	B35848
1,2-Dichloropropane	ND	1.0		µg/L	1	7/21/2016 3:55:00 AM	B35848
1,3-Dichloropropane	ND	1.0		µg/L	1	7/21/2016 3:55:00 AM	B35848
2,2-Dichloropropane	ND	2.0		µg/L	1	7/21/2016 3:55:00 AM	B35848

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: MW-21
Project: Fairview Station
Collection Date: 7/13/2016 3:10:00 PM
Lab ID: 1607732-022
Matrix: AQUEOUS
Received Date: 7/15/2016 8:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
1,1-Dichloropropene	ND	1.0		µg/L	1	7/21/2016 3:55:00 AM	B35848
Hexachlorobutadiene	ND	1.0		µg/L	1	7/21/2016 3:55:00 AM	B35848
2-Hexanone	ND	10		µg/L	1	7/21/2016 3:55:00 AM	B35848
Isopropylbenzene	ND	1.0		µg/L	1	7/21/2016 3:55:00 AM	B35848
4-Isopropyltoluene	ND	1.0		µg/L	1	7/21/2016 3:55:00 AM	B35848
4-Methyl-2-pentanone	ND	10		µg/L	1	7/21/2016 3:55:00 AM	B35848
Methylene Chloride	ND	3.0		µg/L	1	7/21/2016 3:55:00 AM	B35848
n-Butylbenzene	ND	3.0		µg/L	1	7/21/2016 3:55:00 AM	B35848
n-Propylbenzene	ND	1.0		µg/L	1	7/21/2016 3:55:00 AM	B35848
sec-Butylbenzene	ND	1.0		µg/L	1	7/21/2016 3:55:00 AM	B35848
Styrene	ND	1.0		µg/L	1	7/21/2016 3:55:00 AM	B35848
tert-Butylbenzene	ND	1.0		µg/L	1	7/21/2016 3:55:00 AM	B35848
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	7/21/2016 3:55:00 AM	B35848
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	7/21/2016 3:55:00 AM	B35848
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	7/21/2016 3:55:00 AM	B35848
trans-1,2-DCE	ND	1.0		µg/L	1	7/21/2016 3:55:00 AM	B35848
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	7/21/2016 3:55:00 AM	B35848
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	7/21/2016 3:55:00 AM	B35848
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	7/21/2016 3:55:00 AM	B35848
1,1,1-Trichloroethane	ND	1.0		µg/L	1	7/21/2016 3:55:00 AM	B35848
1,1,2-Trichloroethane	ND	1.0		µg/L	1	7/21/2016 3:55:00 AM	B35848
Trichloroethene (TCE)	ND	1.0		µg/L	1	7/21/2016 3:55:00 AM	B35848
Trichlorofluoromethane	ND	1.0		µg/L	1	7/21/2016 3:55:00 AM	B35848
1,2,3-Trichloropropane	ND	2.0		µg/L	1	7/21/2016 3:55:00 AM	B35848
Vinyl chloride	ND	1.0		µg/L	1	7/21/2016 3:55:00 AM	B35848
Xylenes, Total	ND	1.5		µg/L	1	7/21/2016 3:55:00 AM	B35848
Surr: 1,2-Dichloroethane-d4	101	70-130		%Rec	1	7/21/2016 3:55:00 AM	B35848
Surr: 4-Bromofluorobenzene	98.7	70-130		%Rec	1	7/21/2016 3:55:00 AM	B35848
Surr: Dibromofluoromethane	95.7	70-130		%Rec	1	7/21/2016 3:55:00 AM	B35848
Surr: Toluene-d8	94.0	70-130		%Rec	1	7/21/2016 3:55:00 AM	B35848

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: Trip Blank
Project: Fairview Station
Collection Date:
Lab ID: 1607732-023
Matrix: TRIP BLANK
Received Date: 7/15/2016 8:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
Benzene	ND	1.0		µg/L	1	7/21/2016 4:19:00 AM	B35848
Toluene	ND	1.0		µg/L	1	7/21/2016 4:19:00 AM	B35848
Ethylbenzene	ND	1.0		µg/L	1	7/21/2016 4:19:00 AM	B35848
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	7/21/2016 4:19:00 AM	B35848
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	7/21/2016 4:19:00 AM	B35848
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	7/21/2016 4:19:00 AM	B35848
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	7/21/2016 4:19:00 AM	B35848
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	7/21/2016 4:19:00 AM	B35848
Naphthalene	ND	2.0		µg/L	1	7/21/2016 4:19:00 AM	B35848
1-Methylnaphthalene	ND	4.0		µg/L	1	7/21/2016 4:19:00 AM	B35848
2-Methylnaphthalene	ND	4.0		µg/L	1	7/21/2016 4:19:00 AM	B35848
Acetone	ND	10		µg/L	1	7/21/2016 4:19:00 AM	B35848
Bromobenzene	ND	1.0		µg/L	1	7/21/2016 4:19:00 AM	B35848
Bromodichloromethane	ND	1.0		µg/L	1	7/21/2016 4:19:00 AM	B35848
Bromoform	ND	1.0		µg/L	1	7/21/2016 4:19:00 AM	B35848
Bromomethane	ND	3.0		µg/L	1	7/21/2016 4:19:00 AM	B35848
2-Butanone	ND	10		µg/L	1	7/21/2016 4:19:00 AM	B35848
Carbon disulfide	ND	10		µg/L	1	7/21/2016 4:19:00 AM	B35848
Carbon Tetrachloride	ND	1.0		µg/L	1	7/21/2016 4:19:00 AM	B35848
Chlorobenzene	ND	1.0		µg/L	1	7/21/2016 4:19:00 AM	B35848
Chloroethane	ND	2.0		µg/L	1	7/21/2016 4:19:00 AM	B35848
Chloroform	ND	1.0		µg/L	1	7/21/2016 4:19:00 AM	B35848
Chloromethane	ND	3.0		µg/L	1	7/21/2016 4:19:00 AM	B35848
2-Chlorotoluene	ND	1.0		µg/L	1	7/21/2016 4:19:00 AM	B35848
4-Chlorotoluene	ND	1.0		µg/L	1	7/21/2016 4:19:00 AM	B35848
cis-1,2-DCE	ND	1.0		µg/L	1	7/21/2016 4:19:00 AM	B35848
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	7/21/2016 4:19:00 AM	B35848
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	7/21/2016 4:19:00 AM	B35848
Dibromochloromethane	ND	1.0		µg/L	1	7/21/2016 4:19:00 AM	B35848
Dibromomethane	ND	1.0		µg/L	1	7/21/2016 4:19:00 AM	B35848
1,2-Dichlorobenzene	ND	1.0		µg/L	1	7/21/2016 4:19:00 AM	B35848
1,3-Dichlorobenzene	ND	1.0		µg/L	1	7/21/2016 4:19:00 AM	B35848
1,4-Dichlorobenzene	ND	1.0		µg/L	1	7/21/2016 4:19:00 AM	B35848
Dichlorodifluoromethane	ND	1.0		µg/L	1	7/21/2016 4:19:00 AM	B35848
1,1-Dichloroethane	ND	1.0		µg/L	1	7/21/2016 4:19:00 AM	B35848
1,1-Dichloroethene	ND	1.0		µg/L	1	7/21/2016 4:19:00 AM	B35848
1,2-Dichloropropane	ND	1.0		µg/L	1	7/21/2016 4:19:00 AM	B35848
1,3-Dichloropropane	ND	1.0		µg/L	1	7/21/2016 4:19:00 AM	B35848
2,2-Dichloropropane	ND	2.0		µg/L	1	7/21/2016 4:19:00 AM	B35848

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: Trip Blank
Project: Fairview Station
Collection Date:
Lab ID: 1607732-023
Matrix: TRIP BLANK
Received Date: 7/15/2016 8:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
1,1-Dichloropropene	ND	1.0		µg/L	1	7/21/2016 4:19:00 AM	B35848
Hexachlorobutadiene	ND	1.0		µg/L	1	7/21/2016 4:19:00 AM	B35848
2-Hexanone	ND	10		µg/L	1	7/21/2016 4:19:00 AM	B35848
Isopropylbenzene	ND	1.0		µg/L	1	7/21/2016 4:19:00 AM	B35848
4-Isopropyltoluene	ND	1.0		µg/L	1	7/21/2016 4:19:00 AM	B35848
4-Methyl-2-pentanone	ND	10		µg/L	1	7/21/2016 4:19:00 AM	B35848
Methylene Chloride	ND	3.0		µg/L	1	7/21/2016 4:19:00 AM	B35848
n-Butylbenzene	ND	3.0		µg/L	1	7/21/2016 4:19:00 AM	B35848
n-Propylbenzene	ND	1.0		µg/L	1	7/21/2016 4:19:00 AM	B35848
sec-Butylbenzene	ND	1.0		µg/L	1	7/21/2016 4:19:00 AM	B35848
Styrene	ND	1.0		µg/L	1	7/21/2016 4:19:00 AM	B35848
tert-Butylbenzene	ND	1.0		µg/L	1	7/21/2016 4:19:00 AM	B35848
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	7/21/2016 4:19:00 AM	B35848
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	7/21/2016 4:19:00 AM	B35848
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	7/21/2016 4:19:00 AM	B35848
trans-1,2-DCE	ND	1.0		µg/L	1	7/21/2016 4:19:00 AM	B35848
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	7/21/2016 4:19:00 AM	B35848
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	7/21/2016 4:19:00 AM	B35848
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	7/21/2016 4:19:00 AM	B35848
1,1,1-Trichloroethane	ND	1.0		µg/L	1	7/21/2016 4:19:00 AM	B35848
1,1,2-Trichloroethane	ND	1.0		µg/L	1	7/21/2016 4:19:00 AM	B35848
Trichloroethene (TCE)	ND	1.0		µg/L	1	7/21/2016 4:19:00 AM	B35848
Trichlorofluoromethane	ND	1.0		µg/L	1	7/21/2016 4:19:00 AM	B35848
1,2,3-Trichloropropane	ND	2.0		µg/L	1	7/21/2016 4:19:00 AM	B35848
Vinyl chloride	ND	1.0		µg/L	1	7/21/2016 4:19:00 AM	B35848
Xylenes, Total	ND	1.5		µg/L	1	7/21/2016 4:19:00 AM	B35848
Surr: 1,2-Dichloroethane-d4	103	70-130		%Rec	1	7/21/2016 4:19:00 AM	B35848
Surr: 4-Bromofluorobenzene	96.9	70-130		%Rec	1	7/21/2016 4:19:00 AM	B35848
Surr: Dibromofluoromethane	99.3	70-130		%Rec	1	7/21/2016 4:19:00 AM	B35848
Surr: Toluene-d8	93.6	70-130		%Rec	1	7/21/2016 4:19:00 AM	B35848

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: MW-19 11'-12'
Project: Fairview Station
Collection Date: 7/13/2016 9:27:00 AM
Lab ID: 1607732-024
Matrix: MEOH (SOIL)
Received Date: 7/15/2016 8:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**	
Benzene	ND	0.014		mg/Kg	1	7/21/2016 3:27:58 AM	26468
Toluene	ND	0.027		mg/Kg	1	7/21/2016 3:27:58 AM	26468
Ethylbenzene	ND	0.027		mg/Kg	1	7/21/2016 3:27:58 AM	26468
Methyl tert-butyl ether (MTBE)	ND	0.027		mg/Kg	1	7/21/2016 3:27:58 AM	26468
1,2,4-Trimethylbenzene	ND	0.027		mg/Kg	1	7/21/2016 3:27:58 AM	26468
1,3,5-Trimethylbenzene	ND	0.027		mg/Kg	1	7/21/2016 3:27:58 AM	26468
1,2-Dichloroethane (EDC)	ND	0.027		mg/Kg	1	7/21/2016 3:27:58 AM	26468
1,2-Dibromoethane (EDB)	ND	0.027		mg/Kg	1	7/21/2016 3:27:58 AM	26468
Naphthalene	ND	0.055		mg/Kg	1	7/21/2016 3:27:58 AM	26468
1-Methylnaphthalene	ND	0.11		mg/Kg	1	7/21/2016 3:27:58 AM	26468
2-Methylnaphthalene	ND	0.11		mg/Kg	1	7/21/2016 3:27:58 AM	26468
Acetone	ND	0.41		mg/Kg	1	7/21/2016 3:27:58 AM	26468
Bromobenzene	ND	0.027		mg/Kg	1	7/21/2016 3:27:58 AM	26468
Bromodichloromethane	ND	0.027		mg/Kg	1	7/21/2016 3:27:58 AM	26468
Bromoform	ND	0.027		mg/Kg	1	7/21/2016 3:27:58 AM	26468
Bromomethane	ND	0.082		mg/Kg	1	7/21/2016 3:27:58 AM	26468
2-Butanone	ND	0.27		mg/Kg	1	7/21/2016 3:27:58 AM	26468
Carbon disulfide	ND	0.27		mg/Kg	1	7/21/2016 3:27:58 AM	26468
Carbon tetrachloride	ND	0.027		mg/Kg	1	7/21/2016 3:27:58 AM	26468
Chlorobenzene	ND	0.027		mg/Kg	1	7/21/2016 3:27:58 AM	26468
Chloroethane	ND	0.055		mg/Kg	1	7/21/2016 3:27:58 AM	26468
Chloroform	ND	0.027		mg/Kg	1	7/21/2016 3:27:58 AM	26468
Chloromethane	ND	0.082		mg/Kg	1	7/21/2016 3:27:58 AM	26468
2-Chlorotoluene	ND	0.027		mg/Kg	1	7/21/2016 3:27:58 AM	26468
4-Chlorotoluene	ND	0.027		mg/Kg	1	7/21/2016 3:27:58 AM	26468
cis-1,2-DCE	ND	0.027		mg/Kg	1	7/21/2016 3:27:58 AM	26468
cis-1,3-Dichloropropene	ND	0.027		mg/Kg	1	7/21/2016 3:27:58 AM	26468
1,2-Dibromo-3-chloropropane	ND	0.055		mg/Kg	1	7/21/2016 3:27:58 AM	26468
Dibromochloromethane	ND	0.027		mg/Kg	1	7/21/2016 3:27:58 AM	26468
Dibromomethane	ND	0.027		mg/Kg	1	7/21/2016 3:27:58 AM	26468
1,2-Dichlorobenzene	ND	0.027		mg/Kg	1	7/21/2016 3:27:58 AM	26468
1,3-Dichlorobenzene	ND	0.027		mg/Kg	1	7/21/2016 3:27:58 AM	26468
1,4-Dichlorobenzene	ND	0.027		mg/Kg	1	7/21/2016 3:27:58 AM	26468
Dichlorodifluoromethane	ND	0.027		mg/Kg	1	7/21/2016 3:27:58 AM	26468
1,1-Dichloroethane	ND	0.027		mg/Kg	1	7/21/2016 3:27:58 AM	26468
1,1-Dichloroethene	ND	0.027		mg/Kg	1	7/21/2016 3:27:58 AM	26468
1,2-Dichloropropane	ND	0.027		mg/Kg	1	7/21/2016 3:27:58 AM	26468
1,3-Dichloropropane	ND	0.027		mg/Kg	1	7/21/2016 3:27:58 AM	26468
2,2-Dichloropropane	ND	0.055		mg/Kg	1	7/21/2016 3:27:58 AM	26468

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: MW-19 11'-12'
Project: Fairview Station
Collection Date: 7/13/2016 9:27:00 AM
Lab ID: 1607732-024
Matrix: MEOH (SOIL)
Received Date: 7/15/2016 8:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**	
1,1-Dichloropropene	ND	0.055		mg/Kg	1	7/21/2016 3:27:58 AM	26468
Hexachlorobutadiene	ND	0.055		mg/Kg	1	7/21/2016 3:27:58 AM	26468
2-Hexanone	ND	0.27		mg/Kg	1	7/21/2016 3:27:58 AM	26468
Isopropylbenzene	ND	0.027		mg/Kg	1	7/21/2016 3:27:58 AM	26468
4-Isopropyltoluene	ND	0.027		mg/Kg	1	7/21/2016 3:27:58 AM	26468
4-Methyl-2-pentanone	ND	0.27		mg/Kg	1	7/21/2016 3:27:58 AM	26468
Methylene chloride	ND	0.082		mg/Kg	1	7/21/2016 3:27:58 AM	26468
n-Butylbenzene	ND	0.082		mg/Kg	1	7/21/2016 3:27:58 AM	26468
n-Propylbenzene	ND	0.027		mg/Kg	1	7/21/2016 3:27:58 AM	26468
sec-Butylbenzene	ND	0.027		mg/Kg	1	7/21/2016 3:27:58 AM	26468
Styrene	ND	0.027		mg/Kg	1	7/21/2016 3:27:58 AM	26468
tert-Butylbenzene	ND	0.027		mg/Kg	1	7/21/2016 3:27:58 AM	26468
1,1,1,2-Tetrachloroethane	ND	0.027		mg/Kg	1	7/21/2016 3:27:58 AM	26468
1,1,2,2-Tetrachloroethane	ND	0.027		mg/Kg	1	7/21/2016 3:27:58 AM	26468
Tetrachloroethene (PCE)	ND	0.027		mg/Kg	1	7/21/2016 3:27:58 AM	26468
trans-1,2-DCE	ND	0.027		mg/Kg	1	7/21/2016 3:27:58 AM	26468
trans-1,3-Dichloropropene	ND	0.027		mg/Kg	1	7/21/2016 3:27:58 AM	26468
1,2,3-Trichlorobenzene	ND	0.055		mg/Kg	1	7/21/2016 3:27:58 AM	26468
1,2,4-Trichlorobenzene	ND	0.027		mg/Kg	1	7/21/2016 3:27:58 AM	26468
1,1,1-Trichloroethane	ND	0.027		mg/Kg	1	7/21/2016 3:27:58 AM	26468
1,1,2-Trichloroethane	ND	0.027		mg/Kg	1	7/21/2016 3:27:58 AM	26468
Trichloroethene (TCE)	ND	0.027		mg/Kg	1	7/21/2016 3:27:58 AM	26468
Trichlorofluoromethane	ND	0.027		mg/Kg	1	7/21/2016 3:27:58 AM	26468
1,2,3-Trichloropropane	ND	0.055		mg/Kg	1	7/21/2016 3:27:58 AM	26468
Vinyl chloride	ND	0.027		mg/Kg	1	7/21/2016 3:27:58 AM	26468
Xylenes, Total	ND	0.055		mg/Kg	1	7/21/2016 3:27:58 AM	26468
Surr: Dibromofluoromethane	109	70-130		%Rec	1	7/21/2016 3:27:58 AM	26468
Surr: 1,2-Dichloroethane-d4	99.1	70-130		%Rec	1	7/21/2016 3:27:58 AM	26468
Surr: Toluene-d8	95.9	70-130		%Rec	1	7/21/2016 3:27:58 AM	26468
Surr: 4-Bromofluorobenzene	100	70-130		%Rec	1	7/21/2016 3:27:58 AM	26468

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: MW-19 15'-16'
Project: Fairview Station
Collection Date: 7/13/2016 9:38:00 AM
Lab ID: 1607732-025
Matrix: MEOH (SOIL)
Received Date: 7/15/2016 8:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**	
Benzene	0.92	0.26	D	mg/Kg	20	7/21/2016 9:08:28 AM	26468
Toluene	8.7	0.13	D	mg/Kg	5	7/21/2016 3:56:15 AM	26468
Ethylbenzene	2.8	0.13	D	mg/Kg	5	7/21/2016 3:56:15 AM	26468
Methyl tert-butyl ether (MTBE)	ND	0.53	D	mg/Kg	20	7/21/2016 9:08:28 AM	26468
1,2,4-Trimethylbenzene	5.3	0.13	D	mg/Kg	5	7/21/2016 3:56:15 AM	26468
1,3,5-Trimethylbenzene	2.0	0.13	D	mg/Kg	5	7/21/2016 3:56:15 AM	26468
1,2-Dichloroethane (EDC)	ND	0.53	D	mg/Kg	20	7/21/2016 9:08:28 AM	26468
1,2-Dibromoethane (EDB)	ND	0.13	D	mg/Kg	5	7/21/2016 3:56:15 AM	26468
Naphthalene	0.67	0.26	D	mg/Kg	5	7/21/2016 3:56:15 AM	26468
1-Methylnaphthalene	ND	0.53	D	mg/Kg	5	7/21/2016 3:56:15 AM	26468
2-Methylnaphthalene	ND	0.53	D	mg/Kg	5	7/21/2016 3:56:15 AM	26468
Acetone	ND	7.9	D	mg/Kg	20	7/21/2016 9:08:28 AM	26468
Bromobenzene	ND	0.13	D	mg/Kg	5	7/21/2016 3:56:15 AM	26468
Bromodichloromethane	ND	0.13	D	mg/Kg	5	7/21/2016 3:56:15 AM	26468
Bromoform	ND	0.13	D	mg/Kg	5	7/21/2016 3:56:15 AM	26468
Bromomethane	ND	1.6	D	mg/Kg	20	7/21/2016 9:08:28 AM	26468
2-Butanone	ND	5.3	D	mg/Kg	20	7/21/2016 9:08:28 AM	26468
Carbon disulfide	ND	5.3	D	mg/Kg	20	7/21/2016 9:08:28 AM	26468
Carbon tetrachloride	ND	0.53	D	mg/Kg	20	7/21/2016 9:08:28 AM	26468
Chlorobenzene	ND	0.13	D	mg/Kg	5	7/21/2016 3:56:15 AM	26468
Chloroethane	ND	1.1	D	mg/Kg	20	7/21/2016 9:08:28 AM	26468
Chloroform	ND	0.53	D	mg/Kg	20	7/21/2016 9:08:28 AM	26468
Chloromethane	ND	1.6	D	mg/Kg	20	7/21/2016 9:08:28 AM	26468
2-Chlorotoluene	ND	0.13	D	mg/Kg	5	7/21/2016 3:56:15 AM	26468
4-Chlorotoluene	ND	0.13	D	mg/Kg	5	7/21/2016 3:56:15 AM	26468
cis-1,2-DCE	ND	0.53	D	mg/Kg	20	7/21/2016 9:08:28 AM	26468
cis-1,3-Dichloropropene	ND	0.13	D	mg/Kg	5	7/21/2016 3:56:15 AM	26468
1,2-Dibromo-3-chloropropane	ND	0.26	D	mg/Kg	5	7/21/2016 3:56:15 AM	26468
Dibromochloromethane	ND	0.13	D	mg/Kg	5	7/21/2016 3:56:15 AM	26468
Dibromomethane	ND	0.13	D	mg/Kg	5	7/21/2016 3:56:15 AM	26468
1,2-Dichlorobenzene	ND	0.13	D	mg/Kg	5	7/21/2016 3:56:15 AM	26468
1,3-Dichlorobenzene	ND	0.13	D	mg/Kg	5	7/21/2016 3:56:15 AM	26468
1,4-Dichlorobenzene	ND	0.13	D	mg/Kg	5	7/21/2016 3:56:15 AM	26468
Dichlorodifluoromethane	ND	0.53	D	mg/Kg	20	7/21/2016 9:08:28 AM	26468
1,1-Dichloroethane	ND	0.53	D	mg/Kg	20	7/21/2016 9:08:28 AM	26468
1,1-Dichloroethene	ND	0.53	D	mg/Kg	20	7/21/2016 9:08:28 AM	26468
1,2-Dichloropropane	ND	0.53	D	mg/Kg	20	7/21/2016 9:08:28 AM	26468
1,3-Dichloropropane	ND	0.13	D	mg/Kg	5	7/21/2016 3:56:15 AM	26468
2,2-Dichloropropane	ND	1.1	D	mg/Kg	20	7/21/2016 9:08:28 AM	26468

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: MW-19 15'-16'
Project: Fairview Station
Collection Date: 7/13/2016 9:38:00 AM
Lab ID: 1607732-025
Matrix: MEOH (SOIL)
Received Date: 7/15/2016 8:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**	
1,1-Dichloropropene	ND	1.1	D	mg/Kg	20	7/21/2016 9:08:28 AM	26468
Hexachlorobutadiene	ND	0.26	D	mg/Kg	5	7/21/2016 3:56:15 AM	26468
2-Hexanone	ND	1.3	D	mg/Kg	5	7/21/2016 3:56:15 AM	26468
Isopropylbenzene	0.52	0.13	D	mg/Kg	5	7/21/2016 3:56:15 AM	26468
4-Isopropyltoluene	0.38	0.13	D	mg/Kg	5	7/21/2016 3:56:15 AM	26468
4-Methyl-2-pentanone	12	1.3	D	mg/Kg	5	7/21/2016 3:56:15 AM	26468
Methylene chloride	ND	1.6	D	mg/Kg	20	7/21/2016 9:08:28 AM	26468
n-Butylbenzene	ND	0.40	D	mg/Kg	5	7/21/2016 3:56:15 AM	26468
n-Propylbenzene	1.0	0.13	D	mg/Kg	5	7/21/2016 3:56:15 AM	26468
sec-Butylbenzene	0.21	0.13	D	mg/Kg	5	7/21/2016 3:56:15 AM	26468
Styrene	ND	0.13	D	mg/Kg	5	7/21/2016 3:56:15 AM	26468
tert-Butylbenzene	ND	0.13	D	mg/Kg	5	7/21/2016 3:56:15 AM	26468
1,1,1,2-Tetrachloroethane	ND	0.13	D	mg/Kg	5	7/21/2016 3:56:15 AM	26468
1,1,2,2-Tetrachloroethane	ND	0.13	D	mg/Kg	5	7/21/2016 3:56:15 AM	26468
Tetrachloroethene (PCE)	ND	0.13	D	mg/Kg	5	7/21/2016 3:56:15 AM	26468
trans-1,2-DCE	ND	0.53	D	mg/Kg	20	7/21/2016 9:08:28 AM	26468
trans-1,3-Dichloropropene	ND	0.13	D	mg/Kg	5	7/21/2016 3:56:15 AM	26468
1,2,3-Trichlorobenzene	ND	0.26	D	mg/Kg	5	7/21/2016 3:56:15 AM	26468
1,2,4-Trichlorobenzene	ND	0.13	D	mg/Kg	5	7/21/2016 3:56:15 AM	26468
1,1,1-Trichloroethane	ND	0.53	D	mg/Kg	20	7/21/2016 9:08:28 AM	26468
1,1,2-Trichloroethane	ND	0.13	D	mg/Kg	5	7/21/2016 3:56:15 AM	26468
Trichloroethene (TCE)	ND	0.53	D	mg/Kg	20	7/21/2016 9:08:28 AM	26468
Trichlorofluoromethane	ND	0.53	D	mg/Kg	20	7/21/2016 9:08:28 AM	26468
1,2,3-Trichloropropane	ND	0.26	D	mg/Kg	5	7/21/2016 3:56:15 AM	26468
Vinyl chloride	ND	0.53	D	mg/Kg	20	7/21/2016 9:08:28 AM	26468
Xylenes, Total	13	0.26	D	mg/Kg	5	7/21/2016 3:56:15 AM	26468
Surr: Dibromofluoromethane	75.9	70-130	D	%Rec	20	7/21/2016 9:08:28 AM	26468
Surr: 1,2-Dichloroethane-d4	72.5	70-130	D	%Rec	20	7/21/2016 9:08:28 AM	26468
Surr: Toluene-d8	104	70-130	D	%Rec	5	7/21/2016 3:56:15 AM	26468
Surr: 4-Bromofluorobenzene	109	70-130	D	%Rec	5	7/21/2016 3:56:15 AM	26468

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: MW-19 26'-27'
Project: Fairview Station
Collection Date: 7/13/2016 10:05:00 AM
Lab ID: 1607732-026
Matrix: MEOH (SOIL)
Received Date: 7/15/2016 8:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**	
Benzene	ND	0.012		mg/Kg	1	7/21/2016 4:24:39 AM	26468
Toluene	ND	0.025		mg/Kg	1	7/21/2016 4:24:39 AM	26468
Ethylbenzene	ND	0.025		mg/Kg	1	7/21/2016 4:24:39 AM	26468
Methyl tert-butyl ether (MTBE)	ND	0.025		mg/Kg	1	7/21/2016 4:24:39 AM	26468
1,2,4-Trimethylbenzene	ND	0.025		mg/Kg	1	7/21/2016 4:24:39 AM	26468
1,3,5-Trimethylbenzene	ND	0.025		mg/Kg	1	7/21/2016 4:24:39 AM	26468
1,2-Dichloroethane (EDC)	ND	0.025		mg/Kg	1	7/21/2016 4:24:39 AM	26468
1,2-Dibromoethane (EDB)	ND	0.025		mg/Kg	1	7/21/2016 4:24:39 AM	26468
Naphthalene	ND	0.050		mg/Kg	1	7/21/2016 4:24:39 AM	26468
1-Methylnaphthalene	ND	0.099		mg/Kg	1	7/21/2016 4:24:39 AM	26468
2-Methylnaphthalene	ND	0.099		mg/Kg	1	7/21/2016 4:24:39 AM	26468
Acetone	ND	0.37		mg/Kg	1	7/21/2016 4:24:39 AM	26468
Bromobenzene	ND	0.025		mg/Kg	1	7/21/2016 4:24:39 AM	26468
Bromodichloromethane	ND	0.025		mg/Kg	1	7/21/2016 4:24:39 AM	26468
Bromoform	ND	0.025		mg/Kg	1	7/21/2016 4:24:39 AM	26468
Bromomethane	ND	0.074		mg/Kg	1	7/21/2016 4:24:39 AM	26468
2-Butanone	ND	0.25		mg/Kg	1	7/21/2016 4:24:39 AM	26468
Carbon disulfide	ND	0.25		mg/Kg	1	7/21/2016 4:24:39 AM	26468
Carbon tetrachloride	ND	0.025		mg/Kg	1	7/21/2016 4:24:39 AM	26468
Chlorobenzene	ND	0.025		mg/Kg	1	7/21/2016 4:24:39 AM	26468
Chloroethane	ND	0.050		mg/Kg	1	7/21/2016 4:24:39 AM	26468
Chloroform	ND	0.025		mg/Kg	1	7/21/2016 4:24:39 AM	26468
Chloromethane	ND	0.074		mg/Kg	1	7/21/2016 4:24:39 AM	26468
2-Chlorotoluene	ND	0.025		mg/Kg	1	7/21/2016 4:24:39 AM	26468
4-Chlorotoluene	ND	0.025		mg/Kg	1	7/21/2016 4:24:39 AM	26468
cis-1,2-DCE	ND	0.025		mg/Kg	1	7/21/2016 4:24:39 AM	26468
cis-1,3-Dichloropropene	ND	0.025		mg/Kg	1	7/21/2016 4:24:39 AM	26468
1,2-Dibromo-3-chloropropane	ND	0.050		mg/Kg	1	7/21/2016 4:24:39 AM	26468
Dibromochloromethane	ND	0.025		mg/Kg	1	7/21/2016 4:24:39 AM	26468
Dibromomethane	ND	0.025		mg/Kg	1	7/21/2016 4:24:39 AM	26468
1,2-Dichlorobenzene	ND	0.025		mg/Kg	1	7/21/2016 4:24:39 AM	26468
1,3-Dichlorobenzene	ND	0.025		mg/Kg	1	7/21/2016 4:24:39 AM	26468
1,4-Dichlorobenzene	ND	0.025		mg/Kg	1	7/21/2016 4:24:39 AM	26468
Dichlorodifluoromethane	ND	0.025		mg/Kg	1	7/21/2016 4:24:39 AM	26468
1,1-Dichloroethane	ND	0.025		mg/Kg	1	7/21/2016 4:24:39 AM	26468
1,1-Dichloroethene	ND	0.025		mg/Kg	1	7/21/2016 4:24:39 AM	26468
1,2-Dichloropropane	ND	0.025		mg/Kg	1	7/21/2016 4:24:39 AM	26468
1,3-Dichloropropane	ND	0.025		mg/Kg	1	7/21/2016 4:24:39 AM	26468
2,2-Dichloropropane	ND	0.050		mg/Kg	1	7/21/2016 4:24:39 AM	26468

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: MW-19 26'-27'
Project: Fairview Station
Collection Date: 7/13/2016 10:05:00 AM
Lab ID: 1607732-026
Matrix: MEOH (SOIL)
Received Date: 7/15/2016 8:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**	
1,1-Dichloropropene	ND	0.050		mg/Kg	1	7/21/2016 4:24:39 AM	26468
Hexachlorobutadiene	ND	0.050		mg/Kg	1	7/21/2016 4:24:39 AM	26468
2-Hexanone	ND	0.25		mg/Kg	1	7/21/2016 4:24:39 AM	26468
Isopropylbenzene	ND	0.025		mg/Kg	1	7/21/2016 4:24:39 AM	26468
4-Isopropyltoluene	ND	0.025		mg/Kg	1	7/21/2016 4:24:39 AM	26468
4-Methyl-2-pentanone	ND	0.25		mg/Kg	1	7/21/2016 4:24:39 AM	26468
Methylene chloride	ND	0.074		mg/Kg	1	7/21/2016 4:24:39 AM	26468
n-Butylbenzene	ND	0.074		mg/Kg	1	7/21/2016 4:24:39 AM	26468
n-Propylbenzene	ND	0.025		mg/Kg	1	7/21/2016 4:24:39 AM	26468
sec-Butylbenzene	ND	0.025		mg/Kg	1	7/21/2016 4:24:39 AM	26468
Styrene	ND	0.025		mg/Kg	1	7/21/2016 4:24:39 AM	26468
tert-Butylbenzene	ND	0.025		mg/Kg	1	7/21/2016 4:24:39 AM	26468
1,1,1,2-Tetrachloroethane	ND	0.025		mg/Kg	1	7/21/2016 4:24:39 AM	26468
1,1,2,2-Tetrachloroethane	ND	0.025		mg/Kg	1	7/21/2016 4:24:39 AM	26468
Tetrachloroethene (PCE)	ND	0.025		mg/Kg	1	7/21/2016 4:24:39 AM	26468
trans-1,2-DCE	ND	0.025		mg/Kg	1	7/21/2016 4:24:39 AM	26468
trans-1,3-Dichloropropene	ND	0.025		mg/Kg	1	7/21/2016 4:24:39 AM	26468
1,2,3-Trichlorobenzene	ND	0.050		mg/Kg	1	7/21/2016 4:24:39 AM	26468
1,2,4-Trichlorobenzene	ND	0.025		mg/Kg	1	7/21/2016 4:24:39 AM	26468
1,1,1-Trichloroethane	ND	0.025		mg/Kg	1	7/21/2016 4:24:39 AM	26468
1,1,2-Trichloroethane	ND	0.025		mg/Kg	1	7/21/2016 4:24:39 AM	26468
Trichloroethene (TCE)	ND	0.025		mg/Kg	1	7/21/2016 4:24:39 AM	26468
Trichlorofluoromethane	ND	0.025		mg/Kg	1	7/21/2016 4:24:39 AM	26468
1,2,3-Trichloropropane	ND	0.050		mg/Kg	1	7/21/2016 4:24:39 AM	26468
Vinyl chloride	ND	0.025		mg/Kg	1	7/21/2016 4:24:39 AM	26468
Xylenes, Total	ND	0.050		mg/Kg	1	7/21/2016 4:24:39 AM	26468
Surr: Dibromofluoromethane	105	70-130		%Rec	1	7/21/2016 4:24:39 AM	26468
Surr: 1,2-Dichloroethane-d4	92.5	70-130		%Rec	1	7/21/2016 4:24:39 AM	26468
Surr: Toluene-d8	96.9	70-130		%Rec	1	7/21/2016 4:24:39 AM	26468
Surr: 4-Bromofluorobenzene	104	70-130		%Rec	1	7/21/2016 4:24:39 AM	26468

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: MW-20 11'-12'
Project: Fairview Station
Collection Date: 7/12/2016 6:43:00 AM
Lab ID: 1607732-027
Matrix: MEOH (SOIL)
Received Date: 7/15/2016 8:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**	
Benzene	ND	0.014		mg/Kg	1	7/21/2016 4:52:57 AM	26468
Toluene	ND	0.028		mg/Kg	1	7/21/2016 4:52:57 AM	26468
Ethylbenzene	ND	0.028		mg/Kg	1	7/21/2016 4:52:57 AM	26468
Methyl tert-butyl ether (MTBE)	ND	0.028		mg/Kg	1	7/21/2016 4:52:57 AM	26468
1,2,4-Trimethylbenzene	ND	0.028		mg/Kg	1	7/21/2016 4:52:57 AM	26468
1,3,5-Trimethylbenzene	ND	0.028		mg/Kg	1	7/21/2016 4:52:57 AM	26468
1,2-Dichloroethane (EDC)	ND	0.028		mg/Kg	1	7/21/2016 4:52:57 AM	26468
1,2-Dibromoethane (EDB)	ND	0.028		mg/Kg	1	7/21/2016 4:52:57 AM	26468
Naphthalene	ND	0.055		mg/Kg	1	7/21/2016 4:52:57 AM	26468
1-Methylnaphthalene	ND	0.11		mg/Kg	1	7/21/2016 4:52:57 AM	26468
2-Methylnaphthalene	ND	0.11		mg/Kg	1	7/21/2016 4:52:57 AM	26468
Acetone	ND	0.41		mg/Kg	1	7/21/2016 4:52:57 AM	26468
Bromobenzene	ND	0.028		mg/Kg	1	7/21/2016 4:52:57 AM	26468
Bromodichloromethane	ND	0.028		mg/Kg	1	7/21/2016 4:52:57 AM	26468
Bromoform	ND	0.028		mg/Kg	1	7/21/2016 4:52:57 AM	26468
Bromomethane	ND	0.083		mg/Kg	1	7/21/2016 4:52:57 AM	26468
2-Butanone	ND	0.28		mg/Kg	1	7/21/2016 4:52:57 AM	26468
Carbon disulfide	ND	0.28		mg/Kg	1	7/21/2016 4:52:57 AM	26468
Carbon tetrachloride	ND	0.028		mg/Kg	1	7/21/2016 4:52:57 AM	26468
Chlorobenzene	ND	0.028		mg/Kg	1	7/21/2016 4:52:57 AM	26468
Chloroethane	ND	0.055		mg/Kg	1	7/21/2016 4:52:57 AM	26468
Chloroform	ND	0.028		mg/Kg	1	7/21/2016 4:52:57 AM	26468
Chloromethane	ND	0.083		mg/Kg	1	7/21/2016 4:52:57 AM	26468
2-Chlorotoluene	ND	0.028		mg/Kg	1	7/21/2016 4:52:57 AM	26468
4-Chlorotoluene	ND	0.028		mg/Kg	1	7/21/2016 4:52:57 AM	26468
cis-1,2-DCE	ND	0.028		mg/Kg	1	7/21/2016 4:52:57 AM	26468
cis-1,3-Dichloropropene	ND	0.028		mg/Kg	1	7/21/2016 4:52:57 AM	26468
1,2-Dibromo-3-chloropropane	ND	0.055		mg/Kg	1	7/21/2016 4:52:57 AM	26468
Dibromochloromethane	ND	0.028		mg/Kg	1	7/21/2016 4:52:57 AM	26468
Dibromomethane	ND	0.028		mg/Kg	1	7/21/2016 4:52:57 AM	26468
1,2-Dichlorobenzene	ND	0.028		mg/Kg	1	7/21/2016 4:52:57 AM	26468
1,3-Dichlorobenzene	ND	0.028		mg/Kg	1	7/21/2016 4:52:57 AM	26468
1,4-Dichlorobenzene	ND	0.028		mg/Kg	1	7/21/2016 4:52:57 AM	26468
Dichlorodifluoromethane	ND	0.028		mg/Kg	1	7/21/2016 4:52:57 AM	26468
1,1-Dichloroethane	ND	0.028		mg/Kg	1	7/21/2016 4:52:57 AM	26468
1,1-Dichloroethene	ND	0.028		mg/Kg	1	7/21/2016 4:52:57 AM	26468
1,2-Dichloropropane	ND	0.028		mg/Kg	1	7/21/2016 4:52:57 AM	26468
1,3-Dichloropropane	ND	0.028		mg/Kg	1	7/21/2016 4:52:57 AM	26468
2,2-Dichloropropane	ND	0.055		mg/Kg	1	7/21/2016 4:52:57 AM	26468

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: MW-20 11'-12'
Project: Fairview Station
Collection Date: 7/12/2016 6:43:00 AM
Lab ID: 1607732-027
Matrix: MEOH (SOIL)
Received Date: 7/15/2016 8:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**	
1,1-Dichloropropene	ND	0.055		mg/Kg	1	7/21/2016 4:52:57 AM	26468
Hexachlorobutadiene	ND	0.055		mg/Kg	1	7/21/2016 4:52:57 AM	26468
2-Hexanone	ND	0.28		mg/Kg	1	7/21/2016 4:52:57 AM	26468
Isopropylbenzene	ND	0.028		mg/Kg	1	7/21/2016 4:52:57 AM	26468
4-Isopropyltoluene	ND	0.028		mg/Kg	1	7/21/2016 4:52:57 AM	26468
4-Methyl-2-pentanone	ND	0.28		mg/Kg	1	7/21/2016 4:52:57 AM	26468
Methylene chloride	ND	0.083		mg/Kg	1	7/21/2016 4:52:57 AM	26468
n-Butylbenzene	ND	0.083		mg/Kg	1	7/21/2016 4:52:57 AM	26468
n-Propylbenzene	ND	0.028		mg/Kg	1	7/21/2016 4:52:57 AM	26468
sec-Butylbenzene	ND	0.028		mg/Kg	1	7/21/2016 4:52:57 AM	26468
Styrene	ND	0.028		mg/Kg	1	7/21/2016 4:52:57 AM	26468
tert-Butylbenzene	ND	0.028		mg/Kg	1	7/21/2016 4:52:57 AM	26468
1,1,1,2-Tetrachloroethane	ND	0.028		mg/Kg	1	7/21/2016 4:52:57 AM	26468
1,1,2,2-Tetrachloroethane	ND	0.028		mg/Kg	1	7/21/2016 4:52:57 AM	26468
Tetrachloroethene (PCE)	ND	0.028		mg/Kg	1	7/21/2016 4:52:57 AM	26468
trans-1,2-DCE	ND	0.028		mg/Kg	1	7/21/2016 4:52:57 AM	26468
trans-1,3-Dichloropropene	ND	0.028		mg/Kg	1	7/21/2016 4:52:57 AM	26468
1,2,3-Trichlorobenzene	ND	0.055		mg/Kg	1	7/21/2016 4:52:57 AM	26468
1,2,4-Trichlorobenzene	ND	0.028		mg/Kg	1	7/21/2016 4:52:57 AM	26468
1,1,1-Trichloroethane	ND	0.028		mg/Kg	1	7/21/2016 4:52:57 AM	26468
1,1,2-Trichloroethane	ND	0.028		mg/Kg	1	7/21/2016 4:52:57 AM	26468
Trichloroethene (TCE)	ND	0.028		mg/Kg	1	7/21/2016 4:52:57 AM	26468
Trichlorofluoromethane	ND	0.028		mg/Kg	1	7/21/2016 4:52:57 AM	26468
1,2,3-Trichloropropane	ND	0.055		mg/Kg	1	7/21/2016 4:52:57 AM	26468
Vinyl chloride	ND	0.028		mg/Kg	1	7/21/2016 4:52:57 AM	26468
Xylenes, Total	ND	0.055		mg/Kg	1	7/21/2016 4:52:57 AM	26468
Surr: Dibromofluoromethane	109	70-130		%Rec	1	7/21/2016 4:52:57 AM	26468
Surr: 1,2-Dichloroethane-d4	99.6	70-130		%Rec	1	7/21/2016 4:52:57 AM	26468
Surr: Toluene-d8	98.1	70-130		%Rec	1	7/21/2016 4:52:57 AM	26468
Surr: 4-Bromofluorobenzene	96.8	70-130		%Rec	1	7/21/2016 4:52:57 AM	26468

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: MW-20 15'-16'
Project: Fairview Station
Collection Date: 7/12/2016 6:55:00 AM
Lab ID: 1607732-028
Matrix: MEOH (SOIL)
Received Date: 7/15/2016 8:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**	
Benzene	ND	0.014		mg/Kg	1	7/21/2016 5:21:18 AM	26468
Toluene	ND	0.029		mg/Kg	1	7/21/2016 5:21:18 AM	26468
Ethylbenzene	ND	0.029		mg/Kg	1	7/21/2016 5:21:18 AM	26468
Methyl tert-butyl ether (MTBE)	ND	0.029		mg/Kg	1	7/21/2016 5:21:18 AM	26468
1,2,4-Trimethylbenzene	ND	0.029		mg/Kg	1	7/21/2016 5:21:18 AM	26468
1,3,5-Trimethylbenzene	ND	0.029		mg/Kg	1	7/21/2016 5:21:18 AM	26468
1,2-Dichloroethane (EDC)	ND	0.029		mg/Kg	1	7/21/2016 5:21:18 AM	26468
1,2-Dibromoethane (EDB)	ND	0.029		mg/Kg	1	7/21/2016 5:21:18 AM	26468
Naphthalene	ND	0.057		mg/Kg	1	7/21/2016 5:21:18 AM	26468
1-Methylnaphthalene	ND	0.11		mg/Kg	1	7/21/2016 5:21:18 AM	26468
2-Methylnaphthalene	ND	0.11		mg/Kg	1	7/21/2016 5:21:18 AM	26468
Acetone	ND	0.43		mg/Kg	1	7/21/2016 5:21:18 AM	26468
Bromobenzene	ND	0.029		mg/Kg	1	7/21/2016 5:21:18 AM	26468
Bromodichloromethane	ND	0.029		mg/Kg	1	7/21/2016 5:21:18 AM	26468
Bromoform	ND	0.029		mg/Kg	1	7/21/2016 5:21:18 AM	26468
Bromomethane	ND	0.086		mg/Kg	1	7/21/2016 5:21:18 AM	26468
2-Butanone	ND	0.29		mg/Kg	1	7/21/2016 5:21:18 AM	26468
Carbon disulfide	ND	0.29		mg/Kg	1	7/21/2016 5:21:18 AM	26468
Carbon tetrachloride	ND	0.029		mg/Kg	1	7/21/2016 5:21:18 AM	26468
Chlorobenzene	ND	0.029		mg/Kg	1	7/21/2016 5:21:18 AM	26468
Chloroethane	ND	0.057		mg/Kg	1	7/21/2016 5:21:18 AM	26468
Chloroform	ND	0.029		mg/Kg	1	7/21/2016 5:21:18 AM	26468
Chloromethane	ND	0.086		mg/Kg	1	7/21/2016 5:21:18 AM	26468
2-Chlorotoluene	ND	0.029		mg/Kg	1	7/21/2016 5:21:18 AM	26468
4-Chlorotoluene	ND	0.029		mg/Kg	1	7/21/2016 5:21:18 AM	26468
cis-1,2-DCE	ND	0.029		mg/Kg	1	7/21/2016 5:21:18 AM	26468
cis-1,3-Dichloropropene	ND	0.029		mg/Kg	1	7/21/2016 5:21:18 AM	26468
1,2-Dibromo-3-chloropropane	ND	0.057		mg/Kg	1	7/21/2016 5:21:18 AM	26468
Dibromochloromethane	ND	0.029		mg/Kg	1	7/21/2016 5:21:18 AM	26468
Dibromomethane	ND	0.029		mg/Kg	1	7/21/2016 5:21:18 AM	26468
1,2-Dichlorobenzene	ND	0.029		mg/Kg	1	7/21/2016 5:21:18 AM	26468
1,3-Dichlorobenzene	ND	0.029		mg/Kg	1	7/21/2016 5:21:18 AM	26468
1,4-Dichlorobenzene	ND	0.029		mg/Kg	1	7/21/2016 5:21:18 AM	26468
Dichlorodifluoromethane	ND	0.029		mg/Kg	1	7/21/2016 5:21:18 AM	26468
1,1-Dichloroethane	ND	0.029		mg/Kg	1	7/21/2016 5:21:18 AM	26468
1,1-Dichloroethene	ND	0.029		mg/Kg	1	7/21/2016 5:21:18 AM	26468
1,2-Dichloropropane	ND	0.029		mg/Kg	1	7/21/2016 5:21:18 AM	26468
1,3-Dichloropropane	ND	0.029		mg/Kg	1	7/21/2016 5:21:18 AM	26468
2,2-Dichloropropane	ND	0.057		mg/Kg	1	7/21/2016 5:21:18 AM	26468

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: MW-20 15'-16'
Project: Fairview Station
Collection Date: 7/12/2016 6:55:00 AM
Lab ID: 1607732-028
Matrix: MEOH (SOIL)
Received Date: 7/15/2016 8:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**	
1,1-Dichloropropene	ND	0.057		mg/Kg	1	7/21/2016 5:21:18 AM	26468
Hexachlorobutadiene	ND	0.057		mg/Kg	1	7/21/2016 5:21:18 AM	26468
2-Hexanone	ND	0.29		mg/Kg	1	7/21/2016 5:21:18 AM	26468
Isopropylbenzene	ND	0.029		mg/Kg	1	7/21/2016 5:21:18 AM	26468
4-Isopropyltoluene	ND	0.029		mg/Kg	1	7/21/2016 5:21:18 AM	26468
4-Methyl-2-pentanone	ND	0.29		mg/Kg	1	7/21/2016 5:21:18 AM	26468
Methylene chloride	ND	0.086		mg/Kg	1	7/21/2016 5:21:18 AM	26468
n-Butylbenzene	ND	0.086		mg/Kg	1	7/21/2016 5:21:18 AM	26468
n-Propylbenzene	ND	0.029		mg/Kg	1	7/21/2016 5:21:18 AM	26468
sec-Butylbenzene	ND	0.029		mg/Kg	1	7/21/2016 5:21:18 AM	26468
Styrene	ND	0.029		mg/Kg	1	7/21/2016 5:21:18 AM	26468
tert-Butylbenzene	ND	0.029		mg/Kg	1	7/21/2016 5:21:18 AM	26468
1,1,1,2-Tetrachloroethane	ND	0.029		mg/Kg	1	7/21/2016 5:21:18 AM	26468
1,1,2,2-Tetrachloroethane	ND	0.029		mg/Kg	1	7/21/2016 5:21:18 AM	26468
Tetrachloroethene (PCE)	ND	0.029		mg/Kg	1	7/21/2016 5:21:18 AM	26468
trans-1,2-DCE	ND	0.029		mg/Kg	1	7/21/2016 5:21:18 AM	26468
trans-1,3-Dichloropropene	ND	0.029		mg/Kg	1	7/21/2016 5:21:18 AM	26468
1,2,3-Trichlorobenzene	ND	0.057		mg/Kg	1	7/21/2016 5:21:18 AM	26468
1,2,4-Trichlorobenzene	ND	0.029		mg/Kg	1	7/21/2016 5:21:18 AM	26468
1,1,1-Trichloroethane	ND	0.029		mg/Kg	1	7/21/2016 5:21:18 AM	26468
1,1,2-Trichloroethane	ND	0.029		mg/Kg	1	7/21/2016 5:21:18 AM	26468
Trichloroethene (TCE)	ND	0.029		mg/Kg	1	7/21/2016 5:21:18 AM	26468
Trichlorofluoromethane	ND	0.029		mg/Kg	1	7/21/2016 5:21:18 AM	26468
1,2,3-Trichloropropane	ND	0.057		mg/Kg	1	7/21/2016 5:21:18 AM	26468
Vinyl chloride	ND	0.029		mg/Kg	1	7/21/2016 5:21:18 AM	26468
Xylenes, Total	ND	0.057		mg/Kg	1	7/21/2016 5:21:18 AM	26468
Surr: Dibromofluoromethane	110	70-130		%Rec	1	7/21/2016 5:21:18 AM	26468
Surr: 1,2-Dichloroethane-d4	100	70-130		%Rec	1	7/21/2016 5:21:18 AM	26468
Surr: Toluene-d8	95.6	70-130		%Rec	1	7/21/2016 5:21:18 AM	26468
Surr: 4-Bromofluorobenzene	93.9	70-130		%Rec	1	7/21/2016 5:21:18 AM	26468

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: MW-20 26'-27'
Project: Fairview Station
Collection Date: 7/12/2016 7:16:00 AM
Lab ID: 1607732-029
Matrix: MEOH (SOIL)
Received Date: 7/15/2016 8:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**	
Benzene	ND	0.015		mg/Kg	1	7/21/2016 5:49:43 AM	26468
Toluene	ND	0.030		mg/Kg	1	7/21/2016 5:49:43 AM	26468
Ethylbenzene	ND	0.030		mg/Kg	1	7/21/2016 5:49:43 AM	26468
Methyl tert-butyl ether (MTBE)	ND	0.030		mg/Kg	1	7/21/2016 5:49:43 AM	26468
1,2,4-Trimethylbenzene	ND	0.030		mg/Kg	1	7/21/2016 5:49:43 AM	26468
1,3,5-Trimethylbenzene	ND	0.030		mg/Kg	1	7/21/2016 5:49:43 AM	26468
1,2-Dichloroethane (EDC)	ND	0.030		mg/Kg	1	7/21/2016 5:49:43 AM	26468
1,2-Dibromoethane (EDB)	ND	0.030		mg/Kg	1	7/21/2016 5:49:43 AM	26468
Naphthalene	ND	0.060		mg/Kg	1	7/21/2016 5:49:43 AM	26468
1-Methylnaphthalene	ND	0.12		mg/Kg	1	7/21/2016 5:49:43 AM	26468
2-Methylnaphthalene	ND	0.12		mg/Kg	1	7/21/2016 5:49:43 AM	26468
Acetone	ND	0.45		mg/Kg	1	7/21/2016 5:49:43 AM	26468
Bromobenzene	ND	0.030		mg/Kg	1	7/21/2016 5:49:43 AM	26468
Bromodichloromethane	ND	0.030		mg/Kg	1	7/21/2016 5:49:43 AM	26468
Bromoform	ND	0.030		mg/Kg	1	7/21/2016 5:49:43 AM	26468
Bromomethane	ND	0.090		mg/Kg	1	7/21/2016 5:49:43 AM	26468
2-Butanone	ND	0.30		mg/Kg	1	7/21/2016 5:49:43 AM	26468
Carbon disulfide	ND	0.30		mg/Kg	1	7/21/2016 5:49:43 AM	26468
Carbon tetrachloride	ND	0.030		mg/Kg	1	7/21/2016 5:49:43 AM	26468
Chlorobenzene	ND	0.030		mg/Kg	1	7/21/2016 5:49:43 AM	26468
Chloroethane	ND	0.060		mg/Kg	1	7/21/2016 5:49:43 AM	26468
Chloroform	ND	0.030		mg/Kg	1	7/21/2016 5:49:43 AM	26468
Chloromethane	ND	0.090		mg/Kg	1	7/21/2016 5:49:43 AM	26468
2-Chlorotoluene	ND	0.030		mg/Kg	1	7/21/2016 5:49:43 AM	26468
4-Chlorotoluene	ND	0.030		mg/Kg	1	7/21/2016 5:49:43 AM	26468
cis-1,2-DCE	ND	0.030		mg/Kg	1	7/21/2016 5:49:43 AM	26468
cis-1,3-Dichloropropene	ND	0.030		mg/Kg	1	7/21/2016 5:49:43 AM	26468
1,2-Dibromo-3-chloropropane	ND	0.060		mg/Kg	1	7/21/2016 5:49:43 AM	26468
Dibromochloromethane	ND	0.030		mg/Kg	1	7/21/2016 5:49:43 AM	26468
Dibromomethane	ND	0.030		mg/Kg	1	7/21/2016 5:49:43 AM	26468
1,2-Dichlorobenzene	ND	0.030		mg/Kg	1	7/21/2016 5:49:43 AM	26468
1,3-Dichlorobenzene	ND	0.030		mg/Kg	1	7/21/2016 5:49:43 AM	26468
1,4-Dichlorobenzene	ND	0.030		mg/Kg	1	7/21/2016 5:49:43 AM	26468
Dichlorodifluoromethane	ND	0.030		mg/Kg	1	7/21/2016 5:49:43 AM	26468
1,1-Dichloroethane	ND	0.030		mg/Kg	1	7/21/2016 5:49:43 AM	26468
1,1-Dichloroethene	ND	0.030		mg/Kg	1	7/21/2016 5:49:43 AM	26468
1,2-Dichloropropane	ND	0.030		mg/Kg	1	7/21/2016 5:49:43 AM	26468
1,3-Dichloropropane	ND	0.030		mg/Kg	1	7/21/2016 5:49:43 AM	26468
2,2-Dichloropropane	ND	0.060		mg/Kg	1	7/21/2016 5:49:43 AM	26468

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: MW-20 26'-27'
Project: Fairview Station
Collection Date: 7/12/2016 7:16:00 AM
Lab ID: 1607732-029
Matrix: MEOH (SOIL)
Received Date: 7/15/2016 8:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**	
1,1-Dichloropropene	ND	0.060		mg/Kg	1	7/21/2016 5:49:43 AM	26468
Hexachlorobutadiene	ND	0.060		mg/Kg	1	7/21/2016 5:49:43 AM	26468
2-Hexanone	ND	0.30		mg/Kg	1	7/21/2016 5:49:43 AM	26468
Isopropylbenzene	ND	0.030		mg/Kg	1	7/21/2016 5:49:43 AM	26468
4-Isopropyltoluene	ND	0.030		mg/Kg	1	7/21/2016 5:49:43 AM	26468
4-Methyl-2-pentanone	ND	0.30		mg/Kg	1	7/21/2016 5:49:43 AM	26468
Methylene chloride	ND	0.090		mg/Kg	1	7/21/2016 5:49:43 AM	26468
n-Butylbenzene	ND	0.090		mg/Kg	1	7/21/2016 5:49:43 AM	26468
n-Propylbenzene	ND	0.030		mg/Kg	1	7/21/2016 5:49:43 AM	26468
sec-Butylbenzene	ND	0.030		mg/Kg	1	7/21/2016 5:49:43 AM	26468
Styrene	ND	0.030		mg/Kg	1	7/21/2016 5:49:43 AM	26468
tert-Butylbenzene	ND	0.030		mg/Kg	1	7/21/2016 5:49:43 AM	26468
1,1,1,2-Tetrachloroethane	ND	0.030		mg/Kg	1	7/21/2016 5:49:43 AM	26468
1,1,2,2-Tetrachloroethane	ND	0.030		mg/Kg	1	7/21/2016 5:49:43 AM	26468
Tetrachloroethene (PCE)	ND	0.030		mg/Kg	1	7/21/2016 5:49:43 AM	26468
trans-1,2-DCE	ND	0.030		mg/Kg	1	7/21/2016 5:49:43 AM	26468
trans-1,3-Dichloropropene	ND	0.030		mg/Kg	1	7/21/2016 5:49:43 AM	26468
1,2,3-Trichlorobenzene	ND	0.060		mg/Kg	1	7/21/2016 5:49:43 AM	26468
1,2,4-Trichlorobenzene	ND	0.030		mg/Kg	1	7/21/2016 5:49:43 AM	26468
1,1,1-Trichloroethane	ND	0.030		mg/Kg	1	7/21/2016 5:49:43 AM	26468
1,1,2-Trichloroethane	ND	0.030		mg/Kg	1	7/21/2016 5:49:43 AM	26468
Trichloroethene (TCE)	ND	0.030		mg/Kg	1	7/21/2016 5:49:43 AM	26468
Trichlorofluoromethane	ND	0.030		mg/Kg	1	7/21/2016 5:49:43 AM	26468
1,2,3-Trichloropropane	ND	0.060		mg/Kg	1	7/21/2016 5:49:43 AM	26468
Vinyl chloride	ND	0.030		mg/Kg	1	7/21/2016 5:49:43 AM	26468
Xylenes, Total	ND	0.060		mg/Kg	1	7/21/2016 5:49:43 AM	26468
Surr: Dibromofluoromethane	111	70-130		%Rec	1	7/21/2016 5:49:43 AM	26468
Surr: 1,2-Dichloroethane-d4	101	70-130		%Rec	1	7/21/2016 5:49:43 AM	26468
Surr: Toluene-d8	99.2	70-130		%Rec	1	7/21/2016 5:49:43 AM	26468
Surr: 4-Bromofluorobenzene	94.2	70-130		%Rec	1	7/21/2016 5:49:43 AM	26468

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: MW-21 11'-12'
Project: Fairview Station
Collection Date: 7/12/2016 9:43:00 AM
Lab ID: 1607732-030
Matrix: MEOH (SOIL)
Received Date: 7/15/2016 8:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**	
Benzene	ND	0.015		mg/Kg	1	7/21/2016 6:18:05 AM	26468
Toluene	ND	0.029		mg/Kg	1	7/21/2016 6:18:05 AM	26468
Ethylbenzene	ND	0.029		mg/Kg	1	7/21/2016 6:18:05 AM	26468
Methyl tert-butyl ether (MTBE)	ND	0.029		mg/Kg	1	7/21/2016 6:18:05 AM	26468
1,2,4-Trimethylbenzene	ND	0.029		mg/Kg	1	7/21/2016 6:18:05 AM	26468
1,3,5-Trimethylbenzene	ND	0.029		mg/Kg	1	7/21/2016 6:18:05 AM	26468
1,2-Dichloroethane (EDC)	ND	0.029		mg/Kg	1	7/21/2016 6:18:05 AM	26468
1,2-Dibromoethane (EDB)	ND	0.029		mg/Kg	1	7/21/2016 6:18:05 AM	26468
Naphthalene	ND	0.059		mg/Kg	1	7/21/2016 6:18:05 AM	26468
1-Methylnaphthalene	ND	0.12		mg/Kg	1	7/21/2016 6:18:05 AM	26468
2-Methylnaphthalene	ND	0.12		mg/Kg	1	7/21/2016 6:18:05 AM	26468
Acetone	ND	0.44		mg/Kg	1	7/21/2016 6:18:05 AM	26468
Bromobenzene	ND	0.029		mg/Kg	1	7/21/2016 6:18:05 AM	26468
Bromodichloromethane	ND	0.029		mg/Kg	1	7/21/2016 6:18:05 AM	26468
Bromoform	ND	0.029		mg/Kg	1	7/21/2016 6:18:05 AM	26468
Bromomethane	ND	0.088		mg/Kg	1	7/21/2016 6:18:05 AM	26468
2-Butanone	ND	0.29		mg/Kg	1	7/21/2016 6:18:05 AM	26468
Carbon disulfide	ND	0.29		mg/Kg	1	7/21/2016 6:18:05 AM	26468
Carbon tetrachloride	ND	0.029		mg/Kg	1	7/21/2016 6:18:05 AM	26468
Chlorobenzene	ND	0.029		mg/Kg	1	7/21/2016 6:18:05 AM	26468
Chloroethane	ND	0.059		mg/Kg	1	7/21/2016 6:18:05 AM	26468
Chloroform	ND	0.029		mg/Kg	1	7/21/2016 6:18:05 AM	26468
Chloromethane	ND	0.088		mg/Kg	1	7/21/2016 6:18:05 AM	26468
2-Chlorotoluene	ND	0.029		mg/Kg	1	7/21/2016 6:18:05 AM	26468
4-Chlorotoluene	ND	0.029		mg/Kg	1	7/21/2016 6:18:05 AM	26468
cis-1,2-DCE	ND	0.029		mg/Kg	1	7/21/2016 6:18:05 AM	26468
cis-1,3-Dichloropropene	ND	0.029		mg/Kg	1	7/21/2016 6:18:05 AM	26468
1,2-Dibromo-3-chloropropane	ND	0.059		mg/Kg	1	7/21/2016 6:18:05 AM	26468
Dibromochloromethane	ND	0.029		mg/Kg	1	7/21/2016 6:18:05 AM	26468
Dibromomethane	ND	0.029		mg/Kg	1	7/21/2016 6:18:05 AM	26468
1,2-Dichlorobenzene	ND	0.029		mg/Kg	1	7/21/2016 6:18:05 AM	26468
1,3-Dichlorobenzene	ND	0.029		mg/Kg	1	7/21/2016 6:18:05 AM	26468
1,4-Dichlorobenzene	ND	0.029		mg/Kg	1	7/21/2016 6:18:05 AM	26468
Dichlorodifluoromethane	ND	0.029		mg/Kg	1	7/21/2016 6:18:05 AM	26468
1,1-Dichloroethane	ND	0.029		mg/Kg	1	7/21/2016 6:18:05 AM	26468
1,1-Dichloroethene	ND	0.029		mg/Kg	1	7/21/2016 6:18:05 AM	26468
1,2-Dichloropropane	ND	0.029		mg/Kg	1	7/21/2016 6:18:05 AM	26468
1,3-Dichloropropane	ND	0.029		mg/Kg	1	7/21/2016 6:18:05 AM	26468
2,2-Dichloropropane	ND	0.059		mg/Kg	1	7/21/2016 6:18:05 AM	26468

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: MW-21 11'-12'
Project: Fairview Station
Collection Date: 7/12/2016 9:43:00 AM
Lab ID: 1607732-030
Matrix: MEOH (SOIL)
Received Date: 7/15/2016 8:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**	
1,1-Dichloropropene	ND	0.059		mg/Kg	1	7/21/2016 6:18:05 AM	26468
Hexachlorobutadiene	ND	0.059		mg/Kg	1	7/21/2016 6:18:05 AM	26468
2-Hexanone	ND	0.29		mg/Kg	1	7/21/2016 6:18:05 AM	26468
Isopropylbenzene	ND	0.029		mg/Kg	1	7/21/2016 6:18:05 AM	26468
4-Isopropyltoluene	ND	0.029		mg/Kg	1	7/21/2016 6:18:05 AM	26468
4-Methyl-2-pentanone	ND	0.29		mg/Kg	1	7/21/2016 6:18:05 AM	26468
Methylene chloride	ND	0.088		mg/Kg	1	7/21/2016 6:18:05 AM	26468
n-Butylbenzene	ND	0.088		mg/Kg	1	7/21/2016 6:18:05 AM	26468
n-Propylbenzene	ND	0.029		mg/Kg	1	7/21/2016 6:18:05 AM	26468
sec-Butylbenzene	ND	0.029		mg/Kg	1	7/21/2016 6:18:05 AM	26468
Styrene	ND	0.029		mg/Kg	1	7/21/2016 6:18:05 AM	26468
tert-Butylbenzene	ND	0.029		mg/Kg	1	7/21/2016 6:18:05 AM	26468
1,1,1,2-Tetrachloroethane	ND	0.029		mg/Kg	1	7/21/2016 6:18:05 AM	26468
1,1,2,2-Tetrachloroethane	ND	0.029		mg/Kg	1	7/21/2016 6:18:05 AM	26468
Tetrachloroethene (PCE)	ND	0.029		mg/Kg	1	7/21/2016 6:18:05 AM	26468
trans-1,2-DCE	ND	0.029		mg/Kg	1	7/21/2016 6:18:05 AM	26468
trans-1,3-Dichloropropene	ND	0.029		mg/Kg	1	7/21/2016 6:18:05 AM	26468
1,2,3-Trichlorobenzene	ND	0.059		mg/Kg	1	7/21/2016 6:18:05 AM	26468
1,2,4-Trichlorobenzene	ND	0.029		mg/Kg	1	7/21/2016 6:18:05 AM	26468
1,1,1-Trichloroethane	ND	0.029		mg/Kg	1	7/21/2016 6:18:05 AM	26468
1,1,2-Trichloroethane	ND	0.029		mg/Kg	1	7/21/2016 6:18:05 AM	26468
Trichloroethene (TCE)	ND	0.029		mg/Kg	1	7/21/2016 6:18:05 AM	26468
Trichlorofluoromethane	ND	0.029		mg/Kg	1	7/21/2016 6:18:05 AM	26468
1,2,3-Trichloropropane	ND	0.059		mg/Kg	1	7/21/2016 6:18:05 AM	26468
Vinyl chloride	ND	0.029		mg/Kg	1	7/21/2016 6:18:05 AM	26468
Xylenes, Total	ND	0.059		mg/Kg	1	7/21/2016 6:18:05 AM	26468
Surr: Dibromofluoromethane	108	70-130		%Rec	1	7/21/2016 6:18:05 AM	26468
Surr: 1,2-Dichloroethane-d4	94.5	70-130		%Rec	1	7/21/2016 6:18:05 AM	26468
Surr: Toluene-d8	96.4	70-130		%Rec	1	7/21/2016 6:18:05 AM	26468
Surr: 4-Bromofluorobenzene	98.0	70-130		%Rec	1	7/21/2016 6:18:05 AM	26468

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: MW-21 16'-17'
Project: Fairview Station
Collection Date: 7/12/2016 9:52:00 AM
Lab ID: 1607732-031
Matrix: MEOH (SOIL)
Received Date: 7/15/2016 8:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**	
Benzene	ND	0.015		mg/Kg	1	7/21/2016 6:46:30 AM	B35852
Toluene	ND	0.029		mg/Kg	1	7/21/2016 6:46:30 AM	B35852
Ethylbenzene	ND	0.029		mg/Kg	1	7/21/2016 6:46:30 AM	B35852
Methyl tert-butyl ether (MTBE)	ND	0.029		mg/Kg	1	7/21/2016 6:46:30 AM	B35852
1,2,4-Trimethylbenzene	ND	0.029		mg/Kg	1	7/21/2016 6:46:30 AM	B35852
1,3,5-Trimethylbenzene	ND	0.029		mg/Kg	1	7/21/2016 6:46:30 AM	B35852
1,2-Dichloroethane (EDC)	ND	0.029		mg/Kg	1	7/21/2016 6:46:30 AM	B35852
1,2-Dibromoethane (EDB)	ND	0.029		mg/Kg	1	7/21/2016 6:46:30 AM	B35852
Naphthalene	ND	0.058		mg/Kg	1	7/21/2016 6:46:30 AM	B35852
1-Methylnaphthalene	ND	0.12		mg/Kg	1	7/21/2016 6:46:30 AM	B35852
2-Methylnaphthalene	ND	0.12		mg/Kg	1	7/21/2016 6:46:30 AM	B35852
Acetone	ND	0.44		mg/Kg	1	7/21/2016 6:46:30 AM	B35852
Bromobenzene	ND	0.029		mg/Kg	1	7/21/2016 6:46:30 AM	B35852
Bromodichloromethane	ND	0.029		mg/Kg	1	7/21/2016 6:46:30 AM	B35852
Bromoform	ND	0.029		mg/Kg	1	7/21/2016 6:46:30 AM	B35852
Bromomethane	ND	0.087		mg/Kg	1	7/21/2016 6:46:30 AM	B35852
2-Butanone	ND	0.29		mg/Kg	1	7/21/2016 6:46:30 AM	B35852
Carbon disulfide	ND	0.29		mg/Kg	1	7/21/2016 6:46:30 AM	B35852
Carbon tetrachloride	ND	0.029		mg/Kg	1	7/21/2016 6:46:30 AM	B35852
Chlorobenzene	ND	0.029		mg/Kg	1	7/21/2016 6:46:30 AM	B35852
Chloroethane	ND	0.058		mg/Kg	1	7/21/2016 6:46:30 AM	B35852
Chloroform	ND	0.029		mg/Kg	1	7/21/2016 6:46:30 AM	B35852
Chloromethane	ND	0.087		mg/Kg	1	7/21/2016 6:46:30 AM	B35852
2-Chlorotoluene	ND	0.029		mg/Kg	1	7/21/2016 6:46:30 AM	B35852
4-Chlorotoluene	ND	0.029		mg/Kg	1	7/21/2016 6:46:30 AM	B35852
cis-1,2-DCE	ND	0.029		mg/Kg	1	7/21/2016 6:46:30 AM	B35852
cis-1,3-Dichloropropene	ND	0.029		mg/Kg	1	7/21/2016 6:46:30 AM	B35852
1,2-Dibromo-3-chloropropane	ND	0.058		mg/Kg	1	7/21/2016 6:46:30 AM	B35852
Dibromochloromethane	ND	0.029		mg/Kg	1	7/21/2016 6:46:30 AM	B35852
Dibromomethane	ND	0.029		mg/Kg	1	7/21/2016 6:46:30 AM	B35852
1,2-Dichlorobenzene	ND	0.029		mg/Kg	1	7/21/2016 6:46:30 AM	B35852
1,3-Dichlorobenzene	ND	0.029		mg/Kg	1	7/21/2016 6:46:30 AM	B35852
1,4-Dichlorobenzene	ND	0.029		mg/Kg	1	7/21/2016 6:46:30 AM	B35852
Dichlorodifluoromethane	ND	0.029		mg/Kg	1	7/21/2016 6:46:30 AM	B35852
1,1-Dichloroethane	ND	0.029		mg/Kg	1	7/21/2016 6:46:30 AM	B35852
1,1-Dichloroethene	ND	0.029		mg/Kg	1	7/21/2016 6:46:30 AM	B35852
1,2-Dichloropropane	ND	0.029		mg/Kg	1	7/21/2016 6:46:30 AM	B35852
1,3-Dichloropropane	ND	0.029		mg/Kg	1	7/21/2016 6:46:30 AM	B35852
2,2-Dichloropropane	ND	0.058		mg/Kg	1	7/21/2016 6:46:30 AM	B35852

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: MW-21 16'-17'
Project: Fairview Station
Collection Date: 7/12/2016 9:52:00 AM
Lab ID: 1607732-031
Matrix: MEOH (SOIL)
Received Date: 7/15/2016 8:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**	
1,1-Dichloropropene	ND	0.058		mg/Kg	1	7/21/2016 6:46:30 AM	B35852
Hexachlorobutadiene	ND	0.058		mg/Kg	1	7/21/2016 6:46:30 AM	B35852
2-Hexanone	ND	0.29		mg/Kg	1	7/21/2016 6:46:30 AM	B35852
Isopropylbenzene	ND	0.029		mg/Kg	1	7/21/2016 6:46:30 AM	B35852
4-Isopropyltoluene	ND	0.029		mg/Kg	1	7/21/2016 6:46:30 AM	B35852
4-Methyl-2-pentanone	ND	0.29		mg/Kg	1	7/21/2016 6:46:30 AM	B35852
Methylene chloride	ND	0.087		mg/Kg	1	7/21/2016 6:46:30 AM	B35852
n-Butylbenzene	ND	0.087		mg/Kg	1	7/21/2016 6:46:30 AM	B35852
n-Propylbenzene	ND	0.029		mg/Kg	1	7/21/2016 6:46:30 AM	B35852
sec-Butylbenzene	ND	0.029		mg/Kg	1	7/21/2016 6:46:30 AM	B35852
Styrene	ND	0.029		mg/Kg	1	7/21/2016 6:46:30 AM	B35852
tert-Butylbenzene	ND	0.029		mg/Kg	1	7/21/2016 6:46:30 AM	B35852
1,1,1,2-Tetrachloroethane	ND	0.029		mg/Kg	1	7/21/2016 6:46:30 AM	B35852
1,1,2,2-Tetrachloroethane	ND	0.029		mg/Kg	1	7/21/2016 6:46:30 AM	B35852
Tetrachloroethene (PCE)	ND	0.029		mg/Kg	1	7/21/2016 6:46:30 AM	B35852
trans-1,2-DCE	ND	0.029		mg/Kg	1	7/21/2016 6:46:30 AM	B35852
trans-1,3-Dichloropropene	ND	0.029		mg/Kg	1	7/21/2016 6:46:30 AM	B35852
1,2,3-Trichlorobenzene	ND	0.058		mg/Kg	1	7/21/2016 6:46:30 AM	B35852
1,2,4-Trichlorobenzene	ND	0.029		mg/Kg	1	7/21/2016 6:46:30 AM	B35852
1,1,1-Trichloroethane	ND	0.029		mg/Kg	1	7/21/2016 6:46:30 AM	B35852
1,1,2-Trichloroethane	ND	0.029		mg/Kg	1	7/21/2016 6:46:30 AM	B35852
Trichloroethene (TCE)	ND	0.029		mg/Kg	1	7/21/2016 6:46:30 AM	B35852
Trichlorofluoromethane	ND	0.029		mg/Kg	1	7/21/2016 6:46:30 AM	B35852
1,2,3-Trichloropropane	ND	0.058		mg/Kg	1	7/21/2016 6:46:30 AM	B35852
Vinyl chloride	ND	0.029		mg/Kg	1	7/21/2016 6:46:30 AM	B35852
Xylenes, Total	ND	0.058		mg/Kg	1	7/21/2016 6:46:30 AM	B35852
Surr: Dibromofluoromethane	111	70-130		%Rec	1	7/21/2016 6:46:30 AM	B35852
Surr: 1,2-Dichloroethane-d4	101	70-130		%Rec	1	7/21/2016 6:46:30 AM	B35852
Surr: Toluene-d8	96.9	70-130		%Rec	1	7/21/2016 6:46:30 AM	B35852
Surr: 4-Bromofluorobenzene	97.8	70-130		%Rec	1	7/21/2016 6:46:30 AM	B35852

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: MW-21 26'-27'
Project: Fairview Station
Collection Date: 7/12/2016 10:13:00 AM
Lab ID: 1607732-032
Matrix: MEOH (SOIL)
Received Date: 7/15/2016 8:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**	
Benzene	ND	0.013		mg/Kg	1	7/21/2016 8:11:36 AM	B35852
Toluene	ND	0.026		mg/Kg	1	7/21/2016 8:11:36 AM	B35852
Ethylbenzene	ND	0.026		mg/Kg	1	7/21/2016 8:11:36 AM	B35852
Methyl tert-butyl ether (MTBE)	ND	0.026		mg/Kg	1	7/21/2016 8:11:36 AM	B35852
1,2,4-Trimethylbenzene	ND	0.026		mg/Kg	1	7/21/2016 8:11:36 AM	B35852
1,3,5-Trimethylbenzene	ND	0.026		mg/Kg	1	7/21/2016 8:11:36 AM	B35852
1,2-Dichloroethane (EDC)	ND	0.026		mg/Kg	1	7/21/2016 8:11:36 AM	B35852
1,2-Dibromoethane (EDB)	ND	0.026		mg/Kg	1	7/21/2016 8:11:36 AM	B35852
Naphthalene	ND	0.052		mg/Kg	1	7/21/2016 8:11:36 AM	B35852
1-Methylnaphthalene	ND	0.10		mg/Kg	1	7/21/2016 8:11:36 AM	B35852
2-Methylnaphthalene	ND	0.10		mg/Kg	1	7/21/2016 8:11:36 AM	B35852
Acetone	ND	0.39		mg/Kg	1	7/21/2016 8:11:36 AM	B35852
Bromobenzene	ND	0.026		mg/Kg	1	7/21/2016 8:11:36 AM	B35852
Bromodichloromethane	ND	0.026		mg/Kg	1	7/21/2016 8:11:36 AM	B35852
Bromoform	ND	0.026		mg/Kg	1	7/21/2016 8:11:36 AM	B35852
Bromomethane	ND	0.078		mg/Kg	1	7/21/2016 8:11:36 AM	B35852
2-Butanone	ND	0.26		mg/Kg	1	7/21/2016 8:11:36 AM	B35852
Carbon disulfide	ND	0.26		mg/Kg	1	7/21/2016 8:11:36 AM	B35852
Carbon tetrachloride	ND	0.026		mg/Kg	1	7/21/2016 8:11:36 AM	B35852
Chlorobenzene	ND	0.026		mg/Kg	1	7/21/2016 8:11:36 AM	B35852
Chloroethane	ND	0.052		mg/Kg	1	7/21/2016 8:11:36 AM	B35852
Chloroform	ND	0.026		mg/Kg	1	7/21/2016 8:11:36 AM	B35852
Chloromethane	ND	0.078		mg/Kg	1	7/21/2016 8:11:36 AM	B35852
2-Chlorotoluene	ND	0.026		mg/Kg	1	7/21/2016 8:11:36 AM	B35852
4-Chlorotoluene	ND	0.026		mg/Kg	1	7/21/2016 8:11:36 AM	B35852
cis-1,2-DCE	ND	0.026		mg/Kg	1	7/21/2016 8:11:36 AM	B35852
cis-1,3-Dichloropropene	ND	0.026		mg/Kg	1	7/21/2016 8:11:36 AM	B35852
1,2-Dibromo-3-chloropropane	ND	0.052		mg/Kg	1	7/21/2016 8:11:36 AM	B35852
Dibromochloromethane	ND	0.026		mg/Kg	1	7/21/2016 8:11:36 AM	B35852
Dibromomethane	ND	0.026		mg/Kg	1	7/21/2016 8:11:36 AM	B35852
1,2-Dichlorobenzene	ND	0.026		mg/Kg	1	7/21/2016 8:11:36 AM	B35852
1,3-Dichlorobenzene	ND	0.026		mg/Kg	1	7/21/2016 8:11:36 AM	B35852
1,4-Dichlorobenzene	ND	0.026		mg/Kg	1	7/21/2016 8:11:36 AM	B35852
Dichlorodifluoromethane	ND	0.026		mg/Kg	1	7/21/2016 8:11:36 AM	B35852
1,1-Dichloroethane	ND	0.026		mg/Kg	1	7/21/2016 8:11:36 AM	B35852
1,1-Dichloroethene	ND	0.026		mg/Kg	1	7/21/2016 8:11:36 AM	B35852
1,2-Dichloropropane	ND	0.026		mg/Kg	1	7/21/2016 8:11:36 AM	B35852
1,3-Dichloropropane	ND	0.026		mg/Kg	1	7/21/2016 8:11:36 AM	B35852
2,2-Dichloropropane	ND	0.052		mg/Kg	1	7/21/2016 8:11:36 AM	B35852

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: MW-21 26'-27'
Project: Fairview Station
Collection Date: 7/12/2016 10:13:00 AM
Lab ID: 1607732-032
Matrix: MEOH (SOIL)
Received Date: 7/15/2016 8:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**	
1,1-Dichloropropene	ND	0.052		mg/Kg	1	7/21/2016 8:11:36 AM	B35852
Hexachlorobutadiene	ND	0.052		mg/Kg	1	7/21/2016 8:11:36 AM	B35852
2-Hexanone	ND	0.26		mg/Kg	1	7/21/2016 8:11:36 AM	B35852
Isopropylbenzene	ND	0.026		mg/Kg	1	7/21/2016 8:11:36 AM	B35852
4-Isopropyltoluene	ND	0.026		mg/Kg	1	7/21/2016 8:11:36 AM	B35852
4-Methyl-2-pentanone	ND	0.26		mg/Kg	1	7/21/2016 8:11:36 AM	B35852
Methylene chloride	ND	0.078		mg/Kg	1	7/21/2016 8:11:36 AM	B35852
n-Butylbenzene	ND	0.078		mg/Kg	1	7/21/2016 8:11:36 AM	B35852
n-Propylbenzene	ND	0.026		mg/Kg	1	7/21/2016 8:11:36 AM	B35852
sec-Butylbenzene	ND	0.026		mg/Kg	1	7/21/2016 8:11:36 AM	B35852
Styrene	ND	0.026		mg/Kg	1	7/21/2016 8:11:36 AM	B35852
tert-Butylbenzene	ND	0.026		mg/Kg	1	7/21/2016 8:11:36 AM	B35852
1,1,1,2-Tetrachloroethane	ND	0.026		mg/Kg	1	7/21/2016 8:11:36 AM	B35852
1,1,2,2-Tetrachloroethane	ND	0.026		mg/Kg	1	7/21/2016 8:11:36 AM	B35852
Tetrachloroethene (PCE)	ND	0.026		mg/Kg	1	7/21/2016 8:11:36 AM	B35852
trans-1,2-DCE	ND	0.026		mg/Kg	1	7/21/2016 8:11:36 AM	B35852
trans-1,3-Dichloropropene	ND	0.026		mg/Kg	1	7/21/2016 8:11:36 AM	B35852
1,2,3-Trichlorobenzene	ND	0.052		mg/Kg	1	7/21/2016 8:11:36 AM	B35852
1,2,4-Trichlorobenzene	ND	0.026		mg/Kg	1	7/21/2016 8:11:36 AM	B35852
1,1,1-Trichloroethane	ND	0.026		mg/Kg	1	7/21/2016 8:11:36 AM	B35852
1,1,2-Trichloroethane	ND	0.026		mg/Kg	1	7/21/2016 8:11:36 AM	B35852
Trichloroethene (TCE)	ND	0.026		mg/Kg	1	7/21/2016 8:11:36 AM	B35852
Trichlorofluoromethane	ND	0.026		mg/Kg	1	7/21/2016 8:11:36 AM	B35852
1,2,3-Trichloropropane	ND	0.052		mg/Kg	1	7/21/2016 8:11:36 AM	B35852
Vinyl chloride	ND	0.026		mg/Kg	1	7/21/2016 8:11:36 AM	B35852
Xylenes, Total	ND	0.052		mg/Kg	1	7/21/2016 8:11:36 AM	B35852
Surr: Dibromofluoromethane	109	70-130		%Rec	1	7/21/2016 8:11:36 AM	B35852
Surr: 1,2-Dichloroethane-d4	102	70-130		%Rec	1	7/21/2016 8:11:36 AM	B35852
Surr: Toluene-d8	96.6	70-130		%Rec	1	7/21/2016 8:11:36 AM	B35852
Surr: 4-Bromofluorobenzene	98.4	70-130		%Rec	1	7/21/2016 8:11:36 AM	B35852

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: IDW
Project: Fairview Station
Collection Date: 7/14/2016 7:00:00 AM
Lab ID: 1607732-033
Matrix: SOIL
Received Date: 7/15/2016 8:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 6010B: SOIL METALS						Analyst: **ELS**	
Lead	2.4	0.50		mg/Kg	2	7/21/2016 10:28:06 AM	26514
EPA METHOD 8015M/D: DIESEL RANGE ORGANICS						Analyst: **TOM**	
Diesel Range Organics (DRO)	ND	10		mg/Kg	1	7/21/2016 2:05:19 AM	26465
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	7/21/2016 2:05:19 AM	26465
Surr: DNOP	104	70-130		%Rec	1	7/21/2016 2:05:19 AM	26465
EPA METHOD 8015D: GASOLINE RANGE						Analyst: **NSB**	
Gasoline Range Organics (GRO)	ND	4.7		mg/Kg	1	7/19/2016 12:07:53 PM	26442
Surr: BFB	91.8	80-120		%Rec	1	7/19/2016 12:07:53 PM	26442
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**	
Methyl tert-butyl ether (MTBE)	ND	0.094		mg/Kg	1	7/19/2016 12:07:53 PM	26442
Benzene	ND	0.023		mg/Kg	1	7/19/2016 12:07:53 PM	26442
Toluene	ND	0.047		mg/Kg	1	7/19/2016 12:07:53 PM	26442
Ethylbenzene	ND	0.047		mg/Kg	1	7/19/2016 12:07:53 PM	26442
Xylenes, Total	ND	0.094		mg/Kg	1	7/19/2016 12:07:53 PM	26442
Surr: 4-Bromofluorobenzene	102	80-120		%Rec	1	7/19/2016 12:07:53 PM	26442

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: MeOH Blank
Project: Fairview Station
Collection Date:
Lab ID: 1607732-034
Matrix: MEOH BLAN
Received Date: 7/15/2016 8:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**	
Benzene	ND	0.025		mg/Kg	1	7/21/2016 8:40:01 AM	B35852
Toluene	ND	0.050		mg/Kg	1	7/21/2016 8:40:01 AM	B35852
Ethylbenzene	ND	0.050		mg/Kg	1	7/21/2016 8:40:01 AM	B35852
Methyl tert-butyl ether (MTBE)	ND	0.050		mg/Kg	1	7/21/2016 8:40:01 AM	B35852
1,2,4-Trimethylbenzene	ND	0.050		mg/Kg	1	7/21/2016 8:40:01 AM	B35852
1,3,5-Trimethylbenzene	ND	0.050		mg/Kg	1	7/21/2016 8:40:01 AM	B35852
1,2-Dichloroethane (EDC)	ND	0.050		mg/Kg	1	7/21/2016 8:40:01 AM	B35852
1,2-Dibromoethane (EDB)	ND	0.050		mg/Kg	1	7/21/2016 8:40:01 AM	B35852
Naphthalene	ND	0.10		mg/Kg	1	7/21/2016 8:40:01 AM	B35852
1-Methylnaphthalene	ND	0.20		mg/Kg	1	7/21/2016 8:40:01 AM	B35852
2-Methylnaphthalene	ND	0.20		mg/Kg	1	7/21/2016 8:40:01 AM	B35852
Acetone	ND	0.75		mg/Kg	1	7/21/2016 8:40:01 AM	B35852
Bromobenzene	ND	0.050		mg/Kg	1	7/21/2016 8:40:01 AM	B35852
Bromodichloromethane	ND	0.050		mg/Kg	1	7/21/2016 8:40:01 AM	B35852
Bromoform	ND	0.050		mg/Kg	1	7/21/2016 8:40:01 AM	B35852
Bromomethane	ND	0.15		mg/Kg	1	7/21/2016 8:40:01 AM	B35852
2-Butanone	ND	0.50		mg/Kg	1	7/21/2016 8:40:01 AM	B35852
Carbon disulfide	ND	0.50		mg/Kg	1	7/21/2016 8:40:01 AM	B35852
Carbon tetrachloride	ND	0.050		mg/Kg	1	7/21/2016 8:40:01 AM	B35852
Chlorobenzene	ND	0.050		mg/Kg	1	7/21/2016 8:40:01 AM	B35852
Chloroethane	ND	0.10		mg/Kg	1	7/21/2016 8:40:01 AM	B35852
Chloroform	ND	0.050		mg/Kg	1	7/21/2016 8:40:01 AM	B35852
Chloromethane	ND	0.15		mg/Kg	1	7/21/2016 8:40:01 AM	B35852
2-Chlorotoluene	ND	0.050		mg/Kg	1	7/21/2016 8:40:01 AM	B35852
4-Chlorotoluene	ND	0.050		mg/Kg	1	7/21/2016 8:40:01 AM	B35852
cis-1,2-DCE	ND	0.050		mg/Kg	1	7/21/2016 8:40:01 AM	B35852
cis-1,3-Dichloropropene	ND	0.050		mg/Kg	1	7/21/2016 8:40:01 AM	B35852
1,2-Dibromo-3-chloropropane	ND	0.10		mg/Kg	1	7/21/2016 8:40:01 AM	B35852
Dibromochloromethane	ND	0.050		mg/Kg	1	7/21/2016 8:40:01 AM	B35852
Dibromomethane	ND	0.050		mg/Kg	1	7/21/2016 8:40:01 AM	B35852
1,2-Dichlorobenzene	ND	0.050		mg/Kg	1	7/21/2016 8:40:01 AM	B35852
1,3-Dichlorobenzene	ND	0.050		mg/Kg	1	7/21/2016 8:40:01 AM	B35852
1,4-Dichlorobenzene	ND	0.050		mg/Kg	1	7/21/2016 8:40:01 AM	B35852
Dichlorodifluoromethane	ND	0.050		mg/Kg	1	7/21/2016 8:40:01 AM	B35852
1,1-Dichloroethane	ND	0.050		mg/Kg	1	7/21/2016 8:40:01 AM	B35852
1,1-Dichloroethene	ND	0.050		mg/Kg	1	7/21/2016 8:40:01 AM	B35852
1,2-Dichloropropane	ND	0.050		mg/Kg	1	7/21/2016 8:40:01 AM	B35852
1,3-Dichloropropane	ND	0.050		mg/Kg	1	7/21/2016 8:40:01 AM	B35852
2,2-Dichloropropane	ND	0.10		mg/Kg	1	7/21/2016 8:40:01 AM	B35852

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

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

CLIENT: EA Engineering
Client Sample ID: MeOH Blank
Project: Fairview Station
Collection Date:
Lab ID: 1607732-034
Matrix: MEOH BLAN
Received Date: 7/15/2016 8:15:00 AM

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **DJF**	
1,1-Dichloropropene	ND	0.10		mg/Kg	1	7/21/2016 8:40:01 AM	B35852
Hexachlorobutadiene	ND	0.10		mg/Kg	1	7/21/2016 8:40:01 AM	B35852
2-Hexanone	ND	0.50		mg/Kg	1	7/21/2016 8:40:01 AM	B35852
Isopropylbenzene	ND	0.050		mg/Kg	1	7/21/2016 8:40:01 AM	B35852
4-Isopropyltoluene	ND	0.050		mg/Kg	1	7/21/2016 8:40:01 AM	B35852
4-Methyl-2-pentanone	ND	0.50		mg/Kg	1	7/21/2016 8:40:01 AM	B35852
Methylene chloride	ND	0.15		mg/Kg	1	7/21/2016 8:40:01 AM	B35852
n-Butylbenzene	ND	0.15		mg/Kg	1	7/21/2016 8:40:01 AM	B35852
n-Propylbenzene	ND	0.050		mg/Kg	1	7/21/2016 8:40:01 AM	B35852
sec-Butylbenzene	ND	0.050		mg/Kg	1	7/21/2016 8:40:01 AM	B35852
Styrene	ND	0.050		mg/Kg	1	7/21/2016 8:40:01 AM	B35852
tert-Butylbenzene	ND	0.050		mg/Kg	1	7/21/2016 8:40:01 AM	B35852
1,1,1,2-Tetrachloroethane	ND	0.050		mg/Kg	1	7/21/2016 8:40:01 AM	B35852
1,1,2,2-Tetrachloroethane	ND	0.050		mg/Kg	1	7/21/2016 8:40:01 AM	B35852
Tetrachloroethene (PCE)	ND	0.050		mg/Kg	1	7/21/2016 8:40:01 AM	B35852
trans-1,2-DCE	ND	0.050		mg/Kg	1	7/21/2016 8:40:01 AM	B35852
trans-1,3-Dichloropropene	ND	0.050		mg/Kg	1	7/21/2016 8:40:01 AM	B35852
1,2,3-Trichlorobenzene	ND	0.10		mg/Kg	1	7/21/2016 8:40:01 AM	B35852
1,2,4-Trichlorobenzene	ND	0.050		mg/Kg	1	7/21/2016 8:40:01 AM	B35852
1,1,1-Trichloroethane	ND	0.050		mg/Kg	1	7/21/2016 8:40:01 AM	B35852
1,1,2-Trichloroethane	ND	0.050		mg/Kg	1	7/21/2016 8:40:01 AM	B35852
Trichloroethene (TCE)	ND	0.050		mg/Kg	1	7/21/2016 8:40:01 AM	B35852
Trichlorofluoromethane	ND	0.050		mg/Kg	1	7/21/2016 8:40:01 AM	B35852
1,2,3-Trichloropropane	ND	0.10		mg/Kg	1	7/21/2016 8:40:01 AM	B35852
Vinyl chloride	ND	0.050		mg/Kg	1	7/21/2016 8:40:01 AM	B35852
Xylenes, Total	ND	0.10		mg/Kg	1	7/21/2016 8:40:01 AM	B35852
Surr: Dibromofluoromethane	106	70-130		%Rec	1	7/21/2016 8:40:01 AM	B35852
Surr: 1,2-Dichloroethane-d4	93.1	70-130		%Rec	1	7/21/2016 8:40:01 AM	B35852
Surr: Toluene-d8	94.6	70-130		%Rec	1	7/21/2016 8:40:01 AM	B35852
Surr: 4-Bromofluorobenzene	94.4	70-130		%Rec	1	7/21/2016 8:40:01 AM	B35852

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#: **1607732**
03-Aug-16

Client: EA Engineering
Project: Fairview Station

Sample ID	**MB-26465**	SampType:	**MBLK**	TestCode:	**EPA Method 8015M/D: Diesel Range Organics**
Client ID:	**PBS**	Batch ID:	**26465**	RunNo:	**35794**
Prep Date:	**7/19/2016**	Analysis Date:	**7/20/2016**	SeqNo:	**1110143** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Diesel Range Organics (DRO)	ND	10								
Motor Oil Range Organics (MRO)	ND	50								
Surr: DNOP	10		10.00		101	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#: **1607732**

03-Aug-16

Client: EA Engineering

Project: Fairview Station

Sample ID	**MB-26442**	SampType:	**MBLK**		TestCode:	**EPA Method 8015D: Gasoline Range**				
Client ID:	**PBS**	Batch ID:	**26442**		RunNo:	**35812**				
Prep Date:	**7/18/2016**	Analysis Date:	**7/19/2016**		SeqNo:	**1108256**	Units:	**mg/Kg**		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	ND	5.0								
Surr: BFB	900		1000		89.8	80	120			

Sample ID	**LCS-26442**	SampType:	**LCS**		TestCode:	**EPA Method 8015D: Gasoline Range**				
Client ID:	**LCSS**	Batch ID:	**26442**		RunNo:	**35812**				
Prep Date:	**7/18/2016**	Analysis Date:	**7/19/2016**		SeqNo:	**1108257**	Units:	**mg/Kg**		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Gasoline Range Organics (GRO)	29	5.0	25.00	0	116	80	120			
Surr: BFB	900		1000		90.0	80	120			

Sample ID	**MB-26468**	SampType:	**MBLK**		TestCode:	**EPA Method 8015D: Gasoline Range**				
Client ID:	**PBS**	Batch ID:	**26468**		RunNo:	**35833**				
Prep Date:	**7/19/2016**	Analysis Date:	**7/20/2016**		SeqNo:	**1109484**	Units:	**%Rec**		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	1000		1000		102	80	120			

Sample ID	**LCS-26468**	SampType:	**LCS**		TestCode:	**EPA Method 8015D: Gasoline Range**				
Client ID:	**LCSS**	Batch ID:	**26468**		RunNo:	**35833**				
Prep Date:	**7/19/2016**	Analysis Date:	**7/20/2016**		SeqNo:	**1109485**	Units:	**%Rec**		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: BFB	1100		1000		115	80	120			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1607732**

03-Aug-16

Client: EA Engineering

Project: Fairview Station

Sample ID **MB-26442**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS**	Batch ID: **26442**	RunNo: **35812**
Prep Date: **7/18/2016**	Analysis Date: **7/19/2016**	SeqNo: **1108288** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Methyl tert-butyl ether (MTBE)	ND	0.10								
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: 4-Bromofluorobenzene	1.0		1.000		103	80	120			

Sample ID **LCS-26442**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS**	Batch ID: **26442**	RunNo: **35812**
Prep Date: **7/18/2016**	Analysis Date: **7/19/2016**	SeqNo: **1108297** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Methyl tert-butyl ether (MTBE)	1.0	0.10	1.000	0	104	61	143			
Benzene	1.1	0.025	1.000	0	113	75.3	123			
Toluene	0.98	0.050	1.000	0	97.8	80	124			
Ethylbenzene	0.96	0.050	1.000	0	95.5	82.8	121			
Xylenes, Total	2.9	0.10	3.000	0	96.0	83.9	122			
Surr: 4-Bromofluorobenzene	1.0		1.000		101	80	120			

Sample ID **MB-26468**	SampType: **MBLK**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **PBS**	Batch ID: **26468**	RunNo: **35833**
Prep Date: **7/19/2016**	Analysis Date: **7/20/2016**	SeqNo: **1109545** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	1.0		1.000		100	80	120			

Sample ID **LCS-26468**	SampType: **LCS**	TestCode: **EPA Method 8021B: Volatiles**
Client ID: **LCSS**	Batch ID: **26468**	RunNo: **35833**
Prep Date: **7/19/2016**	Analysis Date: **7/20/2016**	SeqNo: **1109546** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	1.0		1.000		101	80	120			

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#: **1607732**

03-Aug-16

Client: EA Engineering

Project: Fairview Station

Sample ID **mb-26442**	SampType: **MBLK**	TestCode: **EPA Method 8260B: Volatiles**
Client ID: **PBS**	Batch ID: **26442**	RunNo: **35814**
Prep Date: **7/18/2016**	Analysis Date: **7/19/2016**	SeqNo: **1108409** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: Dibromofluoromethane	0.47		0.5000		93.6	70	130			
Surr: 1,2-Dichloroethane-d4	0.48		0.5000		96.8	70	130			
Surr: Toluene-d8	0.50		0.5000		101	70	130			
Surr: 4-Bromofluorobenzene	0.51		0.5000		103	70	130			

Sample ID **lcs-26442**	SampType: **LCS**	TestCode: **EPA Method 8260B: Volatiles**
Client ID: **LCSS**	Batch ID: **26442**	RunNo: **35814**
Prep Date: **7/18/2016**	Analysis Date: **7/19/2016**	SeqNo: **1108410** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: Dibromofluoromethane	0.48		0.5000		95.8	70	130			
Surr: 1,2-Dichloroethane-d4	0.49		0.5000		98.1	70	130			
Surr: Toluene-d8	0.49		0.5000		97.1	70	130			
Surr: 4-Bromofluorobenzene	0.51		0.5000		101	70	130			

Sample ID **rb**	SampType: **MBLK**	TestCode: **EPA Method 8260B: Volatiles**
Client ID: **PBS**	Batch ID: **B35852**	RunNo: **35852**
Prep Date:	Analysis Date: **7/20/2016**	SeqNo: **1109902** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Methyl tert-butyl ether (MTBE)	ND	0.050								
1,2,4-Trimethylbenzene	ND	0.050								
1,3,5-Trimethylbenzene	ND	0.050								
1,2-Dichloroethane (EDC)	ND	0.050								
1,2-Dibromoethane (EDB)	ND	0.050								
Naphthalene	ND	0.10								
1-Methylnaphthalene	ND	0.20								
2-Methylnaphthalene	ND	0.20								
Acetone	ND	0.75								
Bromobenzene	ND	0.050								
Bromodichloromethane	ND	0.050								
Bromoform	ND	0.050								
Bromomethane	ND	0.15								
2-Butanone	ND	0.50								
Carbon disulfide	ND	0.50								
Carbon tetrachloride	ND	0.050								
Chlorobenzene	ND	0.050								

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#: **1607732**

03-Aug-16

Client: EA Engineering

Project: Fairview Station

Sample ID **rb**	SampType: **MBLK**	TestCode: **EPA Method 8260B: Volatiles**
Client ID: **PBS**	Batch ID: **B35852**	RunNo: **35852**
Prep Date:	Analysis Date: **7/20/2016**	SeqNo: **1109902** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Chloroethane	ND	0.10								
Chloroform	ND	0.050								
Chloromethane	ND	0.15								
2-Chlorotoluene	ND	0.050								
4-Chlorotoluene	ND	0.050								
cis-1,2-DCE	ND	0.050								
cis-1,3-Dichloropropene	ND	0.050								
1,2-Dibromo-3-chloropropane	ND	0.10								
Dibromochloromethane	ND	0.050								
Dibromomethane	ND	0.050								
1,2-Dichlorobenzene	ND	0.050								
1,3-Dichlorobenzene	ND	0.050								
1,4-Dichlorobenzene	ND	0.050								
Dichlorodifluoromethane	ND	0.050								
1,1-Dichloroethane	ND	0.050								
1,1-Dichloroethene	ND	0.050								
1,2-Dichloropropane	ND	0.050								
1,3-Dichloropropane	ND	0.050								
2,2-Dichloropropane	ND	0.10								
1,1-Dichloropropene	ND	0.10								
Hexachlorobutadiene	ND	0.10								
2-Hexanone	ND	0.50								
Isopropylbenzene	ND	0.050								
4-Isopropyltoluene	ND	0.050								
4-Methyl-2-pentanone	ND	0.50								
Methylene chloride	ND	0.15								
n-Butylbenzene	ND	0.15								
n-Propylbenzene	ND	0.050								
sec-Butylbenzene	ND	0.050								
Styrene	ND	0.050								
tert-Butylbenzene	ND	0.050								
1,1,1,2-Tetrachloroethane	ND	0.050								
1,1,2,2-Tetrachloroethane	ND	0.050								
Tetrachloroethene (PCE)	ND	0.050								
trans-1,2-DCE	ND	0.050								
trans-1,3-Dichloropropene	ND	0.050								
1,2,3-Trichlorobenzene	ND	0.10								
1,2,4-Trichlorobenzene	ND	0.050								
1,1,1-Trichloroethane	ND	0.050								

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#: **1607732**

03-Aug-16

Client: EA Engineering

Project: Fairview Station

Sample ID **rb**	SampType: **MBLK**	TestCode: **EPA Method 8260B: Volatiles**
Client ID: **PBS**	Batch ID: **B35852**	RunNo: **35852**
Prep Date:	Analysis Date: **7/20/2016**	SeqNo: **1109902** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,1,2-Trichloroethane	ND	0.050								
Trichloroethene (TCE)	ND	0.050								
Trichlorofluoromethane	ND	0.050								
1,2,3-Trichloropropane	ND	0.10								
Vinyl chloride	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: Dibromofluoromethane	0.53		0.5000		105	70	130			
Surr: 1,2-Dichloroethane-d4	0.51		0.5000		102	70	130			
Surr: Toluene-d8	0.47		0.5000		94.4	70	130			
Surr: 4-Bromofluorobenzene	0.48		0.5000		95.1	70	130			

Sample ID **100ng lcs c**	SampType: **LCS**	TestCode: **EPA Method 8260B: Volatiles**
Client ID: **LCSS**	Batch ID: **B35852**	RunNo: **35852**
Prep Date:	Analysis Date: **7/20/2016**	SeqNo: **1109903** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	1.0	0.025	1.000	0	101	70	130			
Toluene	0.98	0.050	1.000	0	98.3	70	130			
Chlorobenzene	0.92	0.050	1.000	0	91.6	70	130			
1,1-Dichloroethene	1.0	0.050	1.000	0	99.5	70	130			
Trichloroethene (TCE)	0.88	0.050	1.000	0	87.9	70	130			
Surr: Dibromofluoromethane	0.52		0.5000		103	70	130			
Surr: 1,2-Dichloroethane-d4	0.44		0.5000		88.0	70	130			
Surr: Toluene-d8	0.50		0.5000		99.8	70	130			
Surr: 4-Bromofluorobenzene	0.50		0.5000		99.6	70	130			

Sample ID **1607732-031ams**	SampType: **MS**	TestCode: **EPA Method 8260B: Volatiles**
Client ID: **MW-21 16'-17'**	Batch ID: **B35852**	RunNo: **35852**
Prep Date:	Analysis Date: **7/21/2016**	SeqNo: **1109905** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.58	0.015	0.5800	0	99.8	49.2	155			
Toluene	0.55	0.029	0.5800	0	95.1	52	154			
Chlorobenzene	0.54	0.029	0.5800	0	92.6	53.2	150			
1,1-Dichloroethene	0.56	0.029	0.5800	0	97.0	34.2	163			
Trichloroethene (TCE)	0.50	0.029	0.5800	0	85.7	48.2	151			
Surr: Dibromofluoromethane	0.31		0.2900		105	70	130			
Surr: 1,2-Dichloroethane-d4	0.27		0.2900		93.8	70	130			
Surr: Toluene-d8	0.28		0.2900		95.5	70	130			
Surr: 4-Bromofluorobenzene	0.29		0.2900		98.8	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#: **1607732**
03-Aug-16

Client: EA Engineering
Project: Fairview Station

Sample ID **1607732-031amsd**	SampType: **MSD**	TestCode: **EPA Method 8260B: Volatiles**
Client ID: **MW-21 16'-17'**	Batch ID: **B35852**	RunNo: **35852**
Prep Date:	Analysis Date: **7/21/2016**	SeqNo: **1109906** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.57	0.015	0.5800	0	98.9	49.2	155	0.892	20	
Toluene	0.52	0.029	0.5800	0	90.1	52	154	5.33	20	
Chlorobenzene	0.51	0.029	0.5800	0	88.6	53.2	150	4.44	20	
1,1-Dichloroethene	0.56	0.029	0.5800	0	97.4	34.2	163	0.374	20	
Trichloroethene (TCE)	0.50	0.029	0.5800	0	86.5	48.2	151	0.962	20	
Surr: Dibromofluoromethane	0.32		0.2900		111	70	130	0	0	
Surr: 1,2-Dichloroethane-d4	0.29		0.2900		98.9	70	130	0	0	
Surr: Toluene-d8	0.28		0.2900		95.6	70	130	0	0	
Surr: 4-Bromofluorobenzene	0.29		0.2900		98.3	70	130	0	0	

Sample ID **mb-26468**	SampType: **MBLK**	TestCode: **EPA Method 8260B: Volatiles**
Client ID: **PBS**	Batch ID: **26468**	RunNo: **35852**
Prep Date: **7/19/2016**	Analysis Date: **7/20/2016**	SeqNo: **1109909** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	0.025								
Toluene	ND	0.050								
Ethylbenzene	ND	0.050								
Methyl tert-butyl ether (MTBE)	ND	0.050								
1,2,4-Trimethylbenzene	ND	0.050								
1,3,5-Trimethylbenzene	ND	0.050								
1,2-Dichloroethane (EDC)	ND	0.050								
1,2-Dibromoethane (EDB)	ND	0.050								
Naphthalene	ND	0.10								
1-Methylnaphthalene	ND	0.20								
2-Methylnaphthalene	ND	0.20								
Acetone	ND	0.75								
Bromobenzene	ND	0.050								
Bromodichloromethane	ND	0.050								
Bromoform	ND	0.050								
Bromomethane	ND	0.15								
2-Butanone	ND	0.50								
Carbon disulfide	ND	0.50								
Carbon tetrachloride	ND	0.050								
Chlorobenzene	ND	0.050								
Chloroethane	ND	0.10								
Chloroform	ND	0.050								
Chloromethane	ND	0.15								
2-Chlorotoluene	ND	0.050								

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#: **1607732**
03-Aug-16

Client: EA Engineering
Project: Fairview Station

Sample ID **mb-26468**	SampType: **MBLK**	TestCode: **EPA Method 8260B: Volatiles**
Client ID: **PBS**	Batch ID: **26468**	RunNo: **35852**
Prep Date: **7/19/2016**	Analysis Date: **7/20/2016**	SeqNo: **1109909** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
4-Chlorotoluene	ND	0.050								
cis-1,2-DCE	ND	0.050								
cis-1,3-Dichloropropene	ND	0.050								
1,2-Dibromo-3-chloropropane	ND	0.10								
Dibromochloromethane	ND	0.050								
Dibromomethane	ND	0.050								
1,2-Dichlorobenzene	ND	0.050								
1,3-Dichlorobenzene	ND	0.050								
1,4-Dichlorobenzene	ND	0.050								
Dichlorodifluoromethane	ND	0.050								
1,1-Dichloroethane	ND	0.050								
1,1-Dichloroethene	ND	0.050								
1,2-Dichloropropane	ND	0.050								
1,3-Dichloropropane	ND	0.050								
2,2-Dichloropropane	ND	0.10								
1,1-Dichloropropene	ND	0.10								
Hexachlorobutadiene	ND	0.10								
2-Hexanone	ND	0.50								
Isopropylbenzene	ND	0.050								
4-Isopropyltoluene	ND	0.050								
4-Methyl-2-pentanone	ND	0.50								
Methylene chloride	ND	0.15								
n-Butylbenzene	ND	0.15								
n-Propylbenzene	ND	0.050								
sec-Butylbenzene	ND	0.050								
Styrene	ND	0.050								
tert-Butylbenzene	ND	0.050								
1,1,1,2-Tetrachloroethane	ND	0.050								
1,1,2,2-Tetrachloroethane	ND	0.050								
Tetrachloroethene (PCE)	ND	0.050								
trans-1,2-DCE	ND	0.050								
trans-1,3-Dichloropropene	ND	0.050								
1,2,3-Trichlorobenzene	ND	0.10								
1,2,4-Trichlorobenzene	ND	0.050								
1,1,1-Trichloroethane	ND	0.050								
1,1,2-Trichloroethane	ND	0.050								
Trichloroethene (TCE)	ND	0.050								
Trichlorofluoromethane	ND	0.050								
1,2,3-Trichloropropane	ND	0.10								

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#: **1607732**

03-Aug-16

Client: EA Engineering

Project: Fairview Station

Sample ID **mb-26468**	SampType: **MBLK**	TestCode: **EPA Method 8260B: Volatiles**
Client ID: **PBS**	Batch ID: **26468**	RunNo: **35852**
Prep Date: **7/19/2016**	Analysis Date: **7/20/2016**	SeqNo: **1109909** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Vinyl chloride	ND	0.050								
Xylenes, Total	ND	0.10								
Surr: Dibromofluoromethane	0.52		0.5000		104	70	130			
Surr: 1,2-Dichloroethane-d4	0.49		0.5000		97.4	70	130			
Surr: Toluene-d8	0.47		0.5000		93.9	70	130			
Surr: 4-Bromofluorobenzene	0.47		0.5000		94.2	70	130			

Sample ID **lcs-26468**	SampType: **LCS**	TestCode: **EPA Method 8260B: Volatiles**
Client ID: **LCSS**	Batch ID: **26468**	RunNo: **35852**
Prep Date: **7/19/2016**	Analysis Date: **7/20/2016**	SeqNo: **1109910** Units: **mg/Kg**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	0.96	0.025	1.000	0	96.0	70	130			
Toluene	0.97	0.050	1.000	0	97.0	70	130			
Chlorobenzene	0.91	0.050	1.000	0	91.2	70	130			
1,1-Dichloroethene	0.99	0.050	1.000	0	99.1	70	130			
Trichloroethene (TCE)	0.89	0.050	1.000	0	88.8	70	130			
Surr: Dibromofluoromethane	0.50		0.5000		101	70	130			
Surr: 1,2-Dichloroethane-d4	0.48		0.5000		95.1	70	130			
Surr: Toluene-d8	0.47		0.5000		93.6	70	130			
Surr: 4-Bromofluorobenzene	0.49		0.5000		97.1	70	130			

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1607732**

03-Aug-16

Client: EA Engineering

Project: Fairview Station

Sample ID **100ng lcs2**	SampType: **LCS**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **LCSW**	Batch ID: **B35848**	RunNo: **35848**
Prep Date:	Analysis Date: **7/20/2016**	SeqNo: **1109754** 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	19	1.0	20.00	0	96.0	70	130			
Chlorobenzene	19	1.0	20.00	0	94.4	70	130			
1,1-Dichloroethene	19	1.0	20.00	0	96.8	70	130			
Trichloroethene (TCE)	20	1.0	20.00	0	97.8	70	130			
Surr: 1,2-Dichloroethane-d4	11		10.00		112	70	130			
Surr: 4-Bromofluorobenzene	11		10.00		107	70	130			
Surr: Dibromofluoromethane	10		10.00		101	70	130			
Surr: Toluene-d8	9.4		10.00		94.4	70	130			

Sample ID **rb2**	SampType: **MBLK**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW**	Batch ID: **B35848**	RunNo: **35848**
Prep Date:	Analysis Date: **7/20/2016**	SeqNo: **1109853** Units: **µg/L**

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

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1607732**

03-Aug-16

Client: EA Engineering

Project: Fairview Station

Sample ID **rb2**	SampType: **MBLK**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW**	Batch ID: **B35848**	RunNo: **35848**
Prep Date:	Analysis Date: **7/20/2016**	SeqNo: **1109853** Units: **µg/L**

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

Qualifiers:

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

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1607732**

03-Aug-16

Client: EA Engineering

Project: Fairview Station

Sample ID **rb2**	SampType: **MBLK**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW**	Batch ID: **B35848**	RunNo: **35848**
Prep Date:	Analysis Date: **7/20/2016**	SeqNo: **1109853** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Vinyl chloride	ND	1.0								
Xylenes, Total	ND	1.5								
Surr: 1,2-Dichloroethane-d4	12		10.00		122	70	130			
Surr: 4-Bromofluorobenzene	11		10.00		108	70	130			
Surr: Dibromofluoromethane	11		10.00		109	70	130			
Surr: Toluene-d8	9.0		10.00		89.6	70	130			

Sample ID **1607732-017ams**	SampType: **MS**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **MW-16**	Batch ID: **B35848**	RunNo: **35848**
Prep Date:	Analysis Date: **7/21/2016**	SeqNo: **1109859** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	82	1.0	20.00	66.80	76.3	70	130			
Toluene	98	1.0	20.00	78.17	100	70	130			
Chlorobenzene	22	1.0	20.00	0	109	70	130			
1,1-Dichloroethene	21	1.0	20.00	0	106	70	130			
Trichloroethene (TCE)	22	1.0	20.00	0	109	70	130			
Surr: 1,2-Dichloroethane-d4	10		10.00		105	70	130			
Surr: 4-Bromofluorobenzene	9.8		10.00		98.4	70	130			
Surr: Dibromofluoromethane	9.8		10.00		98.2	70	130			
Surr: Toluene-d8	9.5		10.00		95.4	70	130			

Sample ID **1607732-017amsd**	SampType: **MSD**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **MW-16**	Batch ID: **B35848**	RunNo: **35848**
Prep Date:	Analysis Date: **7/21/2016**	SeqNo: **1109860** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	84	1.0	20.00	66.80	85.1	70	130	2.12	20	
Toluene	93	1.0	20.00	78.17	73.1	70	130	5.68	20	
Chlorobenzene	21	1.0	20.00	0	105	70	130	3.16	20	
1,1-Dichloroethene	21	1.0	20.00	0	106	70	130	0.226	20	
Trichloroethene (TCE)	22	1.0	20.00	0	111	70	130	1.85	20	
Surr: 1,2-Dichloroethane-d4	11		10.00		107	70	130	0	0	
Surr: 4-Bromofluorobenzene	10		10.00		101	70	130	0	0	
Surr: Dibromofluoromethane	10		10.00		103	70	130	0	0	
Surr: Toluene-d8	9.2		10.00		92.3	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#: **1607732**

03-Aug-16

Client: EA Engineering

Project: Fairview Station

Sample ID **rb**	SampType: **MBLK**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW**	Batch ID: **B35935**	RunNo: **35935**
Prep Date:	Analysis Date: **7/22/2016**	SeqNo: **1112421** 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								
Naphthalene	ND	2.0								
2-Methylnaphthalene	ND	4.0								
n-Propylbenzene	ND	1.0								
Xylenes, Total	ND	1.5								
Surr: 1,2-Dichloroethane-d4	10		10.00		103	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		99.8	70	130			
Surr: Dibromofluoromethane	11		10.00		108	70	130			
Surr: Toluene-d8	10		10.00		99.5	70	130			

Sample ID **100ng lcs**	SampType: **LCS**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **LCSW**	Batch ID: **B35935**	RunNo: **35935**
Prep Date:	Analysis Date: **7/22/2016**	SeqNo: **1112422** 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	101	70	130			
Surr: 1,2-Dichloroethane-d4	9.4		10.00		94.4	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		101	70	130			
Surr: Dibromofluoromethane	10		10.00		105	70	130			
Surr: Toluene-d8	9.9		10.00		99.4	70	130			

Sample ID **100ng lcs**	SampType: **LCS**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **LCSW**	Batch ID: **R35966**	RunNo: **35966**
Prep Date:	Analysis Date: **7/25/2016**	SeqNo: **1113440** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 1,2-Dichloroethane-d4	8.1		10.00		81.4	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		99.7	70	130			
Surr: Dibromofluoromethane	9.4		10.00		94.0	70	130			
Surr: Toluene-d8	10		10.00		102	70	130			

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#: **1607732**

03-Aug-16

Client: EA Engineering

Project: Fairview Station

Sample ID **vsb deli**	SampType: **MBLK**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW**	Batch ID: **R35966**	RunNo: **35966**
Prep Date:	Analysis Date: **7/25/2016**	SeqNo: **1113441** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Naphthalene	ND	2.0								
n-Propylbenzene	ND	1.0								
Xylenes, Total	ND	1.5								
Surr: 1,2-Dichloroethane-d4	8.1		10.00		80.9	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		100	70	130			
Surr: Dibromofluoromethane	9.2		10.00		92.0	70	130			
Surr: Toluene-d8	10		10.00		102	70	130			

Sample ID **100ng lcs**	SampType: **LCS**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **LCSW**	Batch ID: **R36003**	RunNo: **36003**
Prep Date:	Analysis Date: **7/26/2016**	SeqNo: **1114847** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 1,2-Dichloroethane-d4	8.7		10.00		87.2	70	130			
Surr: 4-Bromofluorobenzene	9.4		10.00		93.8	70	130			
Surr: Dibromofluoromethane	9.2		10.00		91.5	70	130			
Surr: Toluene-d8	9.9		10.00		99.4	70	130			

Sample ID **rb**	SampType: **MBLK**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW**	Batch ID: **R36003**	RunNo: **36003**
Prep Date:	Analysis Date: **7/26/2016**	SeqNo: **1114848** Units: **%Rec**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Surr: 1,2-Dichloroethane-d4	8.8		10.00		87.8	70	130			
Surr: 4-Bromofluorobenzene	9.4		10.00		94.5	70	130			
Surr: Dibromofluoromethane	9.5		10.00		95.1	70	130			
Surr: Toluene-d8	9.7		10.00		97.2	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#: **1607732**

03-Aug-16

Client: EA Engineering

Project: Fairview Station

Sample ID	**MB-26514**	SampType:	**MBLK**	TestCode:	**EPA Method 6010B: Soil Metals**					
Client ID:	**PBS**	Batch ID:	**26514**	RunNo:	**35863**					
Prep Date:	**7/20/2016**	Analysis Date:	**7/21/2016**	SeqNo:	**1110249**	Units:	**mg/Kg**			

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	ND	0.25								

Sample ID	**LCS-26514**	SampType:	**LCS**	TestCode:	**EPA Method 6010B: Soil Metals**					
Client ID:	**LCSS**	Batch ID:	**26514**	RunNo:	**35863**					
Prep Date:	**7/20/2016**	Analysis Date:	**7/21/2016**	SeqNo:	**1110250**	Units:	**mg/Kg**			

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Lead	24	0.25	25.00	0	95.1	80	120			

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: 1607732 RcptNo: 1

Received by/date: 07/15/16

Logged By: Lindsay Mangin 7/15/2016 8:15:00 AM

Completed By: Lindsay Mangin 7/15/2016 1:50:02 PM

Reviewed By: 07/18/16

Chain of Custody

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

Log In

4. Was an attempt made to cool the samples?	Yes ☑	No ☐	NA ☐
5. Were all samples received at a temperature of >0° C to 6.0°C	Yes ☑	No ☐	NA ☐
6. Sample(s) in proper container(s)?	Yes ☑	No ☐	
7. Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
8. Are samples (except VOA and ONG) properly preserved?	Yes ☑	No ☐	
9. Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
10. VOA vials have zero headspace?	Yes ☑	No ☐	No VOA Vials ☐
11. Were any sample containers received broken?	Yes ☐	No ☑	
12. Does paperwork match bottle labels? (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	1.6	Good	Not Present			

Chain-of-Custody Record

Client: EA Engineering

Mailing Address: 320 Gold Ave SW # 1300

Phone #: 224-9013

Mail or Fax#: tmcmillan@eacst.com

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

Accreditation
NELAP ☐ Other _____

EDD (Type) _____

Turn-Around Time:
☑ Standard ☐ Rush _____

Project Name: 6289821 01

Project #: Fairview Station 27

Project Manager: Teri McMillan

Sampler: D Gurule

On Ice: ☑ Yes ☐ No

Sample Temperature: 1.6

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 1607732	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / DRO / MRO)	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)					Air Bubbles (Y or N)
7-16	1221	Soil	MW-15 11'-12'	2 vials 1 jar	MeOH	-001										X						
7-16	1230		MW-15 15'-16'			-002										X						
7-16	1300		MW-15 26'-27'			-003										X						
7-16	1018		MW-16 11'-12'			-004										X						
7-16	1022		MW-16 15'-16'			-005										X						
7-16	1036		MW-16 26'-27'			-006										X						
7-13	0704		MW-17 11'-12'			-007										X						
7-13	0710		MW-17 15'-16'			-008										X						
7-13	0722		MW-17 26'-27'			-009										X						
7-12	1430		MW-18 11'-12'			-010										X						
7-12	1435		MW-18 15'-16'			-011										X						
7-12	1500		MW-18 26'-27'			-012										X						

Date	Time	Relinquished by:	Received by:	Date	Time
7-15	0815			07/15/16	0815
Date	Time	Relinquished by:	Received by:	Date	Time

Remarks:

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

Chain-of-Custody Record

Client: EA Engineering

Mailing Address: 320 Gold Ave SW #1300

Phone #: 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: Fairview Station

Project #: 628982.01

Project Manager: Teri McMillan

Sampler: [signature]

On Ice: ☑ Yes ☐ No

Sample Temperature: 1.6

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 1607732	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)
13	1620	GW	MW-4	VOA 3	HCl	-013										X						
14	0706		MW-5			-014										X						
4	0650		MW-7			-015										X						
14	0735		MW-13			-016										X						
13	1230		MW-16			-017										X						
13	1455		MW-17			-018										X						
14	1010		MW-18			-019										X						
14	1000		MW-19			-020										X						
13	1520		MW-20			-021										X						
13	1510		MW-21			-022										X						
			trip blank			-023										X						

Date:	Time:	Relinquished by:	Received by:	Date	Time
5	0815	[signature]	[signature]	07/15/16	0815
Date:	Time:	Relinquished by:	Received by:	Date	Time

Remarks:

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

Chain-of-Custody Record

Client: EA Engineering

Mailing Address: 320 Gold Ave SW #1300

Phone #: 224-9013

Mail or Fax#: Tmcmillan

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

Accreditation: ☐ NELAP ☐ Other

EDD (Type)

Turn-Around Time: ☒ Standard ☐ Rush

Project Name: Fairview Station

Project #: 628982.01

Project Manager: Teri McMillan

Sampler:

On Ice: ☒ Yes ☐ No

Sample Temperature: 1.6

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. 1607F82	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)	6010 Lead				Air Bubbles (Y or N)
3	0927	soil	MW-19 11-12'	2 Vials 1 Jar	MeOH	-024										X						
	0938		MW-19 15-16'			-025										X						
	1005		MW-19 26-27'			-026										X						
12	0643		MW-20 11-12'			-027										X						
	0655		MW-20 15-16'			-028										X						
	0716		MW-20 26-27'			-029										X						
	0943		MW-21 11-12'			-030										X						
	0952		MW-21 16-17'			-031										X						
	1013		MW-21 26-27'			-032										X						
4	0700		ID-W			-033	X		X									X				
			MeOH Blank			-034										X						

Date	Time	Relinquished by:	Received by:	Date	Time
5	0815			7/15/16	0815

Remarks:

APPENDIX C

PHOTOGRPHIC DOCUMENTATION

Photograph No. 1 Site: Fairview Station
Description: CME-75 drill rig set up on MW-16.
Direction: W

Photograph No. 2 Site: Fairview Station
Description: Placing filter pack around well screen in well MW-16.
Direction: W

Photograph No. 3 Site: Fairview Station
Description: CME-75 drill rig set up on MW-20.
Direction: SW

Photograph No. 4 Site: Fairview Station
Description: Placing filter pack around well screen in well MW-20.
Direction: W

Photograph No. 5 Site: Fairview Station
Description: CME-75 drill rig set up on MW-21.
Direction: S

Photograph No. 6 Site: Fairview Station
Description: Completed well, MW-21.
Direction: NA

Photograph No. 7 Site: Fairview Station
Description: Completed well, MW-20.

Direction: NNW

Photograph No. 8 Site: Fairview Station
Description: Drilling MW-18.

Direction: SE

Photograph No. 9 Site: Fairview Station
Description: Placing filter pack around well screen in MW-17.
Direction: NA

Photograph No. 10 Site: Fairview Station
Description: Placing filter pack around well screen in MW-19.
Direction: NA

Photograph No. 11 Site: Fairview Station
Description: Completed well, MW-15.
Direction: S

Photograph No. 12 Site: Fairview Station
Description: Completed well, MW-16.
Direction: N

Photograph No. 13 Site: Fairview Station
Description: Completed well, MW-17.

Direction: SE

Photograph No. 14 Site: Fairview Station
Description: Completed well, MW-18.

Direction: S

Photograph No. 15 Site: Fairview Station
Description: Completed well, MW-19.

Direction: S

APPENDIX D

WASTE MANIFEST

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

2. Page 1 of

3. Emergency Response Phone: 915-886-4355

4. Waste Tracking Number: 8916-01

5. Generator's Name and Mailing Address: [illegible] 330 Gold Avenue SW

Generator's Site Address (if different than mailing address): 1626 N. Riverside Dr. Espanola NM

Generator's Phone:

6. Transporter 1 Company Name: [illegible] Environmental [illegible] El Paso TX 915 886-4355

U.S. EPA ID Number: NM # 494

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address: [illegible] DP Land Farm 1/2 miles N of NM/TX stateline Hwy 54 Otero County NM

Facility's Phone:

U.S. EPA ID Number: State ID DP1051

9. Waste Shipping Name and Description	10. Containers No.	Type	11. Total Quantity	12. Unit Wt./Vol.
1. Non-Hazardous Cont. Soils	7	Drums	2.33	cy
2.				
3.				
4.				

13. Special Handling Instructions and Additional Information

Cell P

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Danny Herrera

Signature: Danny Herrera

Month 8 Day 6 Year 16

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Danny Herrera

Signature: Danny Herrera

Month 8 Day 9 Year 16

Transporter 2 Printed/Typed Name

Signature

Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)

Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Danny Herrera

Signature: Danny Herrera

Month 8 Day 9 Year 16

GENERATOR | INT'L | TRANSPORTER | DESIGNATED FACILITY

169-BLS-C 5 11979 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

2. Page 1 of

3. Emergency Response Phone: 915 886 4355

4. Waste Tracking Number: 89160

GENERATOR

5. Generator's Name and Mailing Address: EA NMED PSTB, 32e Gold Ave SW

Generator's Site Address (if different than mailing address): 1628 N Rivers Dr, Espanola NM

Generator's Phone:

6. Transporter 1 Company Name: Rhino Environmental 4661 Hondo Pass Eclipse TX 915 886 4355

U.S. EPA ID Number: NM # 494

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address: Rhino DP Land Farm, 17 miles N of NM/TX Stateline, Otero County NM

U.S. EPA ID Number: SW State ID

Facility's Phone:

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1.	Non Hazardous Cont Soil	5	DMS	1.66	Ty	
2.						
3.						
4.						

13. Special Handling Instructions and Additional Information: cell p

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Danny Herrera | Signature: Danny Herrera | Month: 8 | Day: 9 | Year: 16

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:

Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: JSS | Signature: Jose D Silva | Month: 8 | Day: 9 | Year: 16

Transporter 2 Printed/Typed Name | Signature | Month | Day | Year

DESIGNATED FACILITY

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) | U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) | Month | Day | Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Danny Herrera | Signature: Danny Herrera | Month: 8 | Day: 15 | Year: 16

169-BLS-C 5 11979 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

APPENDIX E

FIELD FORMS

Fairview Station 7-14-16

Well	DTP	DTW	NAPL Thickness
MW-20	—	15.29	—
MW-21	—	15.47	—
MW-17	—	15.20	—
MW-4	—	14.89	—
MW-16	—	14.54	—
MW-18	—	15.36	—
MW-19	—	15.80	—
MW-7	—	14.52	—
MW-5	—	14.17	—
MW-13	—	14.24	—
MW-1	14.45	19.15	4.70'
MW-2	15.23	19.11	3.88'
MW-3	14.23	22.18	7.95'
MW-6	14.34	14.37	0.03'
MW-8	15.15	21.46	6.31'
MW-9	15.13	15.76	0.63'
MW-10	15.37	15.38	0.01'
MW-11	16.01	19.10	3.09'
MW-14	15.23	15.70	0.47'
MW-15	14.35	15.94	1.59'

Rite in the Rain

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

MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID	MW-1	Date gauged	7-14-16
Site	Fairview Station	Time gauged	1257
Depth to PSH	14.45 Feet	Well diameter	2" Inches
Depth to water	19.15 Feet	Height of fluid column	____ Feet
Total depth	— Feet	Volume in well	____ Gallons
NAPL thickness	4.70 Feet		

(3 well volumes = _____ gallons)

After Bailing NAPL

Depth to PSH	15.50 Feet
Depth to water	15.51 Feet
NAPL thickness	0.01 Feet
NAPL Recovered	3.25 Gallons

GROUNDWATER SAMPLING DATA

Time/date purged _____ Purge Method _____

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

NAPL

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

Time/date sampled _____ Purged/sampled by _____

Sample method _____

Requested analyses _____

Comments/observations Placed skimmer in well; let set 5 mins then retrieved w/ no water in skimmer; reset skimmer

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

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

MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID	MW-2	Date gauged	7-14-16
Site	Fairview Station	Time gauged	1334
Depth to PSH	15.23 Feet	Well diameter	2 Inches
Depth to water	19.11 Feet	Height of fluid column	____ Feet
Total depth	— Feet	Volume in well	____ Gallons
NAPL thickness	3.88 Feet		

(3 well volumes = _____ gallons)

After Bailing NAPL

Depth to PSH	16.05 Feet
Depth to water	16.06 Feet
NAPL thickness	0.01 Feet
NAPL Recovered	2.75 Gallons

GROUNDWATER SAMPLING DATA

Time/date purged _____ Purge Method _____

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

NAPL

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

Time/date sampled _____ Purged/sampled by _____

Sample method _____

Requested analyses _____

Comments/observations Set Skimmer; let set 5 mins & retrieved; no water; reset Skimmer

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

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

MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID: MW-3
Site: Fairview Station
Depth to PSH: 14.23 Feet
Depth to water: 22.18 Feet
Total depth: — Feet
NAPL thickness: ~~7.95~~ Feet

Date gauged: 7-14-16
Time gauged: 1417
Well diameter: 2 Inches
Height of fluid column: _____ Feet
Volume in well: _____ Gallons

(3 well volumes = _____ gallons)

After Bailing NAPL
Depth to PSH: 16.70 Feet
Depth to water: 16.71 Feet
NAPL thickness: 0.01 Feet
NAPL Recovered: 5.5 Gallons

GROUNDWATER SAMPLING DATA

Time/date purged: _____ Purge Method: _____

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

NAPL

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

Time/date sampled _____ Purged/sampled by _____

Sample method _____

Requested analyses _____

Comments/observations: Set skimmer in well; retrieved after 5 mins w/ no water; reset skimmer

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-4
Site: Fairview Station
Date gauged: 7-13-16
Time gauged: 1604

Depth to PSH: _____ Feet
Well diameter: 2 Inches
Depth to water: 15.55 Feet
Height of fluid column: 11.60 Feet
Total depth: 27.15 Feet
Volume in well: 1.0 Gallons
NAPL thickness: _____ Feet
(3 well volumes = 6.0 gallons)

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

GROUNDWATER SAMPLING DATA

Time/date purged: 1608
Purge Method: w/ bail

Time	Purge Volume (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
1608	0.25	17.1	1359	7.13		
1613	3.0	16.0	1557	7.08		
1619	5.75	15.9	1624	7.10		

Actual purge volume: 6.0 gal.
Field measurements stabilized within ± 10%? Y
Time/date sampled: 1620 7-13-16
Purged/sampled by: [illegible]
Sample method: disposable bailer
Requested analyses: 8260B
Comments/observations: _____

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

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MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID: MW-5
Site: fairview Station
Date gauged: 7-14-16
Time gauged: 0657

Depth to PSH: _____ Feet
Depth to water: 14.17 Feet
Total depth: 21.90 Feet
NAPL thickness: _____ Feet

Well diameter: 2 Inches
Height of fluid column: 7.73 Feet
Volume in well: 1.3 Gallons

(3 well volumes = 3.9 gallons)

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

GROUNDWATER SAMPLING DATA

Time/date purged: 0701
Purge Method: bailer

Time	Purge Volume (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
0701	0.25	15.6	1600	7.14		

Actual purge volume: 1.25 gal.
Field measurements stabilized within ± 10%? N
Time/date sampled: 0706 7-14-16
Purged/sampled by: MCC
Sample method: disposable bailer
Requested analyses: 8260B
Comments/observations: bailing dry ; took sample

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

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MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID	Fairview		Date gauged	7-14-16	
Site	MW-6		Time gauged	0853	
Depth to PSH	14.34	Feet	Well diameter	2"	Inches
Depth to water	14.37	Feet	Height of fluid column		Feet
Total depth	—	Feet	Volume in well		Gallons
NAPL thickness	0.03	Feet			

(3 well volumes = _____ gallons)

After Bailing NAPL

Depth to PSH	—	Feet
Depth to water	15.15	Feet
NAPL thickness	0.00	Feet
NAPL Recovered	neg	Gallons

GROUNDWATER SAMPLING DATA

Time/date purged _____ Purge Method _____

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

NAPL

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

Time/date sampled _____ Purged/sampled by _____

Sample method _____

Requested analyses _____

Comments/observations placed sock in well; set bottom of sock @ 15' toc

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-7
Site: Fairview Station
Date gauged: 7-14-16
Time gauged: 0635

Depth to PSH: _____ Feet
Well diameter: 2 Inches
Depth to water: 14.52 Feet
Height of fluid column: 10.13 Feet
Total depth: 24.65 Feet
Volume in well: 1.7 Gallons
NAPL thickness: _____ Feet
(3 well volumes = 5.2 gallons)

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

GROUNDWATER SAMPLING DATA

Time/date purged: 0640
Purge Method: bailer

Time	Purge Volume (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
0640	0.25	15.6	1501	7.00		
0644	2.75	16.2	1445	7.00		
0647	5.0	16.0	1088	7.10		

Actual purge volume: 5.25 gal.
Field measurements stabilized within ± 10%? no
Time/date sampled: 0650 7-14-16
Purged/sampled by: MWest
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-8
Site: Fairview Station
Date gauged: 7-14-16
Time gauged: 1212

Depth to PSH: 15.15 Feet
Depth to water: 21.46 Feet
Total depth: — Feet
NAPL thickness: 6.31 Feet

Well diameter: 2 Inches
Height of fluid column: _____ Feet
Volume in well: _____ Gallons

(3 well volumes = _____ gallons)

After Bailing NAPL
Depth to PSH: 16.75 Feet
Depth to water: 16.76 Feet
NAPL thickness: 0.01 Feet
NAPL Recovered: 3.0 Gallons

GROUNDWATER SAMPLING DATA

Time/date purged: _____ Purge Method: _____

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

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

Time/date sampled _____
Purged/sampled by _____

Sample method _____

Requested analyses _____

Comments/observations: Placed skimmer in well; let set 5 mins & retrieved; no water in skimmer; reset skimmer

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

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MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID: MW-9
Site: Fairview Station
Depth to PSH: 15.13 Feet
Depth to water: 15.76 Feet
Total depth: — Feet
NAPL thickness: 0.63 Feet

Date gauged: 7-14-16
Time gauged: 0917
Well diameter: 2 Inches
Height of fluid column: _____ Feet
Volume in well: _____ Gallons

(3 well volumes = _____ gallons)

After Bailing NAPL
Depth to PSH: 15.21 Feet
Depth to water: 15.22 Feet
NAPL thickness: 0.01 Feet
NAPL Recovered: 0.25 Gallons

GROUNDWATER SAMPLING DATA

Time/date purged: _____ Purge Method: _____

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

NAPL

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

Time/date sampled _____ Purged/sampled by _____

Sample method _____

Requested analyses _____

Comments/observations: placed sock in well w/ bottom of sock @ 16' TOC

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

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MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID	MW-10	Date gauged	7-14-16
Site	Fairview Station	Time gauged	0907
Depth to PSH	15.37 Feet	Well diameter	2" Inches
Depth to water	15.38 Feet	Height of fluid column	____ Feet
Total depth	____ Feet	Volume in well	____ Gallons
NAPL thickness	0.01 Feet		

(3 well volumes = ____ gallons)

After Bailing NAPL

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

GROUNDWATER SAMPLING DATA

Time/date purged ____ Purge Method ____

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

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

Time/date sampled ____ Purged/sampled by ____

Sample method ____

Requested analyses ____

Comments/observations placed SOCK in well w/ bottom of sock @ 16' TOC

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

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MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID	MW-11	Date gauged	7-14-16
Site	Fairview Station	Time gauged	1133
Depth to PSH	16.01 Feet	Well diameter	2" Inches
Depth to water	19.10 Feet	Height of fluid column	____ Feet
Total depth	____ Feet	Volume in well	____ Gallons
NAPL thickness	3.09 Feet		

(3 well volumes = ____ gallons)

After Bailing NAPL

Depth to PSH	16.70 Feet
Depth to water	16.71 Feet
NAPL thickness	0.01 Feet
NAPL Recovered	2.0 Gallons

GROUNDWATER SAMPLING DATA

Time/date purged ____ Purge Method ____

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

NAPL

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

Time/date sampled ____ Purged/sampled by ____

Sample method ____

Requested analyses ____

Comments/observations Placed skimmer in well; let set in well 5 mins and retrieved; no water in skimmer; reset skimmer

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-13
Site: Eastview Station
Date gauged: 7-14-16
Time gauged: 0718
Depth to PSH: _____ Feet
Well diameter: 2 Inches
Depth to water: 14.24 Feet
Height of fluid column: 8.99 Feet
Total depth: 23.23 Feet
Volume in well: 1.5 Gallons
NAPL thickness: _____ Feet
(3 well volumes = 4.6 gallons)

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

GROUNDWATER SAMPLING DATA

Time/date purged: 0723
Purge Method: Bailer

Time	Purge Volume (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
0723	0.25	15.0	2830	7.16		
0726	2.25	14.8	2920	7.18		
0730	4.5	14.8	1584	7.24		

Actual purge volume: 4.75 gal.
Field measurements stabilized within ± 10%? No
Time/date sampled: 0735 7-14-16
Purged/sampled by: [signature]
Sample method: disposable bailer
Requested analyses: 8260B
Comments/observations: _____

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

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MONITOR WELL SAMPLING FIELD FORM

FLUID LEVEL DATA

Well ID	MW-14		Date gauged	7-14-16	
Site	Fairview Station		Time gauged	0938	
Depth to PSH	15.23 Feet	Well diameter	2 Inches	After Bailing NAPL	
Depth to water	15.70 Feet	Height of fluid column	____ Feet	Depth to PSH	15.44 Feet
Total depth	— Feet	Volume in well	____ Gallons	Depth to water	15.45 Feet
NAPL thickness	0.47 Feet			NAPL thickness	0.01 Feet
				NAPL Recovered	0.10 Gallons

(3 well volumes = _____ gallons)

GROUNDWATER SAMPLING DATA

Time/date purged _____ Purge Method _____

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

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

Time/date sampled _____ Purged/sampled by _____

Sample method _____

Requested analyses _____

Comments/observations Placed sock in well w/bottom of sock @ 16' TOC

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

FIELD RECORD OF WELL DEVELOPMENT

Project Name: Fairview Station	Project No:	Date: 7-14-16
EA Personnel: DMcP	Development Method: purge / bail	
Weather/Temperature/Barometric Pressure:		Time: 1020

Well No.: MW-15	Well Condition: New
Well Diameter: 2"	Measurement Reference: TOC
Well Volume Calculations	
A. Depth To Water (ft): * 14.35	D. Well Volume/ft:
B. Total Well Depth (ft): 24.00	E. Total Well Volume (gal)[C*D]: 1.6
C. Water Column Height (ft): 9.65	F. Ten Well Volumes (gal): 16.4

Parameter	Beginning	1 Volume	2 Volumes	3 Volumes	4 Volumes	5 Volumes
Time (min)	1125					
Depth to Water (ft)	—					
Purge Rate (gpm)	—					
Volume Purged (gal)	20					
pH	7.80					
Temperature (°F)	17.9					
Conductivity (µmhos/cm)	490					
Dissolved Oxygen	—					
Turbidity (NTU)	—					
ORP (mV)	—					

Parameter	6 Volumes	7 Volumes	8 Volumes	9 Volumes	10 Volumes	End
Time (min)						
Depth to Water (ft)						
Purge Rate (gpm)						
Volume Purged (gal)						
pH						
Temperature (°F)						
Conductivity (µmhos/cm)						
Dissolved Oxygen						
Turbidity (NTU)						
ORP (mV)						

NOTE: NTU = Nephelometric turbidity unit.
ORP = Oxidation-reduction potential.

COMMENTS AND OBSERVATIONS: * NAPL in well; 14.35 = DTP
15.94 = DTW
Bail off NAPL Prior to Development: DTP = 15.11 DTW = 15.12
Approximately 1.5gals removed
did not sample water due to NAPL

FIELD RECORD OF WELL DEVELOPMENT

Project Name: Fairview Station	Project No:	Date: 7-13-16
EA Personnel: Dwerth	Development Method: Surge/ bail	
Weather/Temperature/Barometric Pressure:		Time: 1145

Well No.: MW-16	Well Condition: new
Well Diameter: 2"	Measurement Reference: uncut

Well Volume Calculations	
A. Depth To Water (ft): 16.47	D. Well Volume/ft:
B. Total Well Depth (ft): 24.70	E. Total Well Volume (gal)[C*D]: 1.4
C. Water Column Height (ft): 8.23	F. Ten Well Volumes (gal): 14

Parameter	Beginning	1 Volume	2 Volumes	3 Volumes	4 Volumes	5 Volumes
Time (min)	1150	1159	1207	1214	1224	
Depth to Water (ft)	—	—	—	—	—	
Purge Rate (gpm)	—	—	—	—	—	
Volume Purged (gal)	0.25	5.0	10	15	20	
pH	7.22	7.72	7.72	7.72	7.75	
Temperature (°F)	17.1	16.5	16.6	16.7	16.3	
Conductivity (µmhos/cm)	803	781	770	757	770	
Dissolved Oxygen	—	—	—	—	—	
Turbidity (NTU)	—	—	—	—	—	
ORP (mV)	—	—	—	—	—	

Parameter	6 Volumes	7 Volumes	8 Volumes	9 Volumes	10 Volumes	End
Time (min)						
Depth to Water (ft)						
Purge Rate (gpm)						
Volume Purged (gal)						
pH						
Temperature (°F)						
Conductivity (µmhos/cm)						
Dissolved Oxygen						
Turbidity (NTU)						
ORP (mV)						

NOTE: NTU = Nephelometric turbidity unit.
ORP = Oxidation-reduction potential.

COMMENTS AND OBSERVATIONS: sample time: 1230 7-13-16
new TD after development = 24.90

FIELD RECORD OF WELL DEVELOPMENT

Project Name: Fairview Station	Project No:	Date: 7-13-16
EA Personnel: Overdl	Development Method: Surge/bail	
Weather/Temperature/Barometric Pressure:		Time: 1405

Well No.: MW-17	Well Condition: New
Well Diameter: 2"	Measurement Reference: TOC
Well Volume Calculations	
A. Depth To Water (ft): 17.13	D. Well Volume/ft:
B. Total Well Depth (ft): 24.90	E. Total Well Volume (gal)[C*D]: 1.3
C. Water Column Height (ft): 7.77	F. Ten Well Volumes (gal): 13.2

Parameter	Beginning	1 Volume	2 Volumes	3 Volumes	4 Volumes	5 Volumes
Time (min)	1412	1420	1429	1439	1448	
Depth to Water (ft)	—	—	—	—	—	
Purge Rate (gpm)	—	—	—	—	—	
Volume Purged (gal)	0.25	5.0	10.0	15.0	20.0	
pH	8.22	7.77	7.68	7.67	7.65	
Temperature (°F)	19.9	16.8	17.1	18.1	16.8	
Conductivity (µmhos/cm)	761	773	751	726	682	
Dissolved Oxygen	—	—	—	—	—	
Turbidity (NTU)	—	—	—	—	—	
ORP (mV)	—	—	—	—	—	

Parameter	6 Volumes	7 Volumes	8 Volumes	9 Volumes	10 Volumes	End
Time (min)						
Depth to Water (ft)						
Purge Rate (gpm)						
Volume Purged (gal)						
pH						
Temperature (°F)						
Conductivity (µmhos/cm)						
Dissolved Oxygen						
Turbidity (NTU)						
ORP (mV)						

NOTE: NTU = Nephelometric turbidity unit.
ORP = Oxidation-reduction potential.

COMMENTS AND OBSERVATIONS: Sample time 1455 7-13-16

FIELD RECORD OF WELL DEVELOPMENT

Project Name: Fairview Station	Project No:	Date: 7-14-16
EA Personnel: DWork	Development Method: surge / bail	
Weather/Temperature/Barometric Pressure:		Time: 0804

Well No.: MW-18	Well Condition: New
Well Diameter: 2"	Measurement Reference: TOC
Well Volume Calculations	
A. Depth To Water (ft): 15.36	D. Well Volume/ft:
B. Total Well Depth (ft): 23.85	E. Total Well Volume (gal)[C*D]: 1.4
C. Water Column Height (ft): 8.49	F. Ten Well Volumes (gal): 14.4

Parameter	Beginning	1 Volume	2 Volumes	3 Volumes	4 Volumes	5 Volumes
Time (min)	0845	0936	1006			
Depth to Water (ft)	–	–	–			
Purge Rate (gpm)	–	–	–			
Volume Purged (gal)	14	31	38			
pH	7.75	7.85	7.81			
Temperature (°F)	15.6	15.9	16.4			
Conductivity (µmhos/cm)	1011	936	951			
Dissolved Oxygen	–	–	–			
Turbidity (NTU)	–	–	–			
ORP (mV)	–	–	–			

Parameter	6 Volumes	7 Volumes	8 Volumes	9 Volumes	10 Volumes	End
Time (min)						
Depth to Water (ft)						
Purge Rate (gpm)						
Volume Purged (gal)						
pH						
Temperature (°F)						
Conductivity (µmhos/cm)						
Dissolved Oxygen						
Turbidity (NTU)						
ORP (mV)						

NOTE: NTU = Nephelometric turbidity unit.
ORP = Oxidation-reduction potential.

COMMENTS AND OBSERVATIONS: Slight sheen in purge bucket

Sample time 1010 7-14-16

FIELD RECORD OF WELL DEVELOPMENT

Project Name: Fairview Station	Project No:	Date: 7-14-16
EA Personnel: Dwerp	Development Method: Surge/bail	
Weather/Temperature/Barometric Pressure:		Time: 0753

Well No.: MW-19	Well Condition: New
Well Diameter: 2"	Measurement Reference: TOC
dw Well Volume Calculations	
A. Depth To Water (ft): 15.80	D. Well Volume/ft:
B. Total Well Depth (ft): 24.75	E. Total Well Volume (gal)[C*D]: 1.7
C. Water Column Height (ft): 9.95	F. Ten Well Volumes (gal): 17.0

Parameter	Beginning	1 Volume	2 Volumes	3 Volumes	4 Volumes	5 Volumes
Time (min)	0842	0935	0956			
Depth to Water (ft)	—	—	—			
Purge Rate (gpm)	—	—	—			
Volume Purged (gal)	13	35	45			
pH	7.58	7.52	7.70			
Temperature (°F)	16.0	16.2	16.8			
Conductivity (µmhos/cm)	1647	1930	1758			
Dissolved Oxygen	—	—	—			
Turbidity (NTU)	—	—	—			
ORP (mV)	—	—	—			

Parameter	6 Volumes	7 Volumes	8 Volumes	9 Volumes	10 Volumes	End
Time (min)						
Depth to Water (ft)						
Purge Rate (gpm)						
Volume Purged (gal)						
pH						
Temperature (°F)						
Conductivity (µmhos/cm)						
Dissolved Oxygen						
Turbidity (NTU)						
ORP (mV)						

NOTE: NTU = Nephelometric turbidity unit.
ORP = Oxidation-reduction potential.

COMMENTS AND OBSERVATIONS:
Sample time 1000 7-14-16

FIELD RECORD OF WELL DEVELOPMENT

Project Name: Fairview Station	Project No:	Date: 7-13-16
EA Personnel: DWorth	Development Method: Surge/bail	
Weather/Temperature/Barometric Pressure:		Time: 1246

Well No.: MW-20	Well Condition: New
Well Diameter: 2"	Measurement Reference: TOC
Well Volume Calculations	
A. Depth To Water (ft): 14.98	D. Well Volume/ft: .01
B. Total Well Depth (ft): 25.00	E. Total Well Volume (gal)[C*D]: 1.7
C. Water Column Height (ft): 10.02	F. Ten Well Volumes (gal): 17

Parameter	Beginning	1 Volume	2 Volumes	3 Volumes	4 Volumes	5 Volumes
Time (min)	1253	1300	1307			
Depth to Water (ft)	—	—	—			
Purge Rate (gpm)						
Volume Purged (gal)	0.25	1.0	5.0			
pH	7.76	7.52	7.71			
Temperature (°F)	20.1	18.0	17.7			
Conductivity (µmhos/cm)	4120	5490	5380			
Dissolved Oxygen	—	—	—			
Turbidity (NTU)	—	—	—			
ORP (mV)	—	—	—			

Parameter	6 Volumes	7 Volumes	8 Volumes	9 Volumes	10 Volumes	End
Time (min)						
Depth to Water (ft)						
Purge Rate (gpm)						
Volume Purged (gal)						
pH						
Temperature (°F)						
Conductivity (µmhos/cm)						
Dissolved Oxygen						
Turbidity (NTU)						
ORP (mV)						

NOTE: NTU = Nephelometric turbidity unit.
ORP = Oxidation-reduction potential.

COMMENTS AND OBSERVATIONS: bailed dry after 7 gals removed; no fines in purge bucket

Sample time: 1520 7-13-16

FIELD RECORD OF WELL DEVELOPMENT

Project Name: Fairview Station	Project No:	Date: 7-13-16
EA Personnel: DWerth	Development Method: Surge/bail	
Weather/Temperature/Barometric Pressure:		Time: 1325

Well No.: MW-21	Well Condition: New
Well Diameter: 2	Measurement Reference: TOC
Well Volume Calculations	
A. Depth To Water (ft): * 19.45	D. Well Volume/ft:
B. Total Well Depth (ft): 26.80	E. Total Well Volume (gal)[C*D]: 1.25
C. Water Column Height (ft): 7.35	F. Ten Well Volumes (gal): 12.5

Parameter	Beginning	1 Volume	2 Volumes	3 Volumes	4 Volumes	5 Volumes
Time (min)	1337	1345				
Depth to Water (ft)	—	—				
Purge Rate (gpm)	—	—				
Volume Purged (gal)	0.25	1.0				
pH	7.76	7.71				
Temperature (°F)	19.1	18.3				
Conductivity (µmhos/cm)	866	966				
Dissolved Oxygen	—	—				
Turbidity (NTU)	—	—				
ORP (mV)	—	—				

Parameter	6 Volumes	7 Volumes	8 Volumes	9 Volumes	10 Volumes	End
Time (min)						
Depth to Water (ft)						
Purge Rate (gpm)						
Volume Purged (gal)						
pH						
Temperature (°F)						
Conductivity (µmhos/cm)						
Dissolved Oxygen						
Turbidity (NTU)						
ORP (mV)						

NOTE: NTU = Nephelometric turbidity unit.
ORP = Oxidation-reduction potential.

COMMENTS AND OBSERVATIONS: * pressure relief when T-Plug removed; water level artificially low, observe level increasing very slowly
Bailed dry with 5gals removed; no fines in bucket
Sample time 1510 7-13-16

APPENDIX F

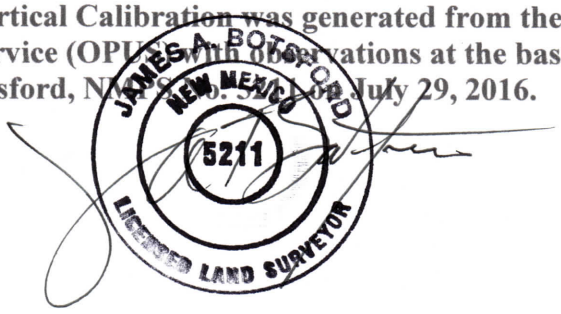
SURVEY

Project Information		Coordinate System	
Name:	DEC-EA-Espanola-July29-16.vce	Name:	US State Plane 1983
Size:	180 KB	Datum:	NAD 1983 (Conus)
Modified:	7/29/2016 12:36:35 PM (UTC:-6)	Zone:	New Mexico Central 3002
Time zone:	Mountain Daylight Time	Geoid:	GEOID09 (Conus)
Description:		Vertical datum:	NAVD88 (OPUS)

Point List

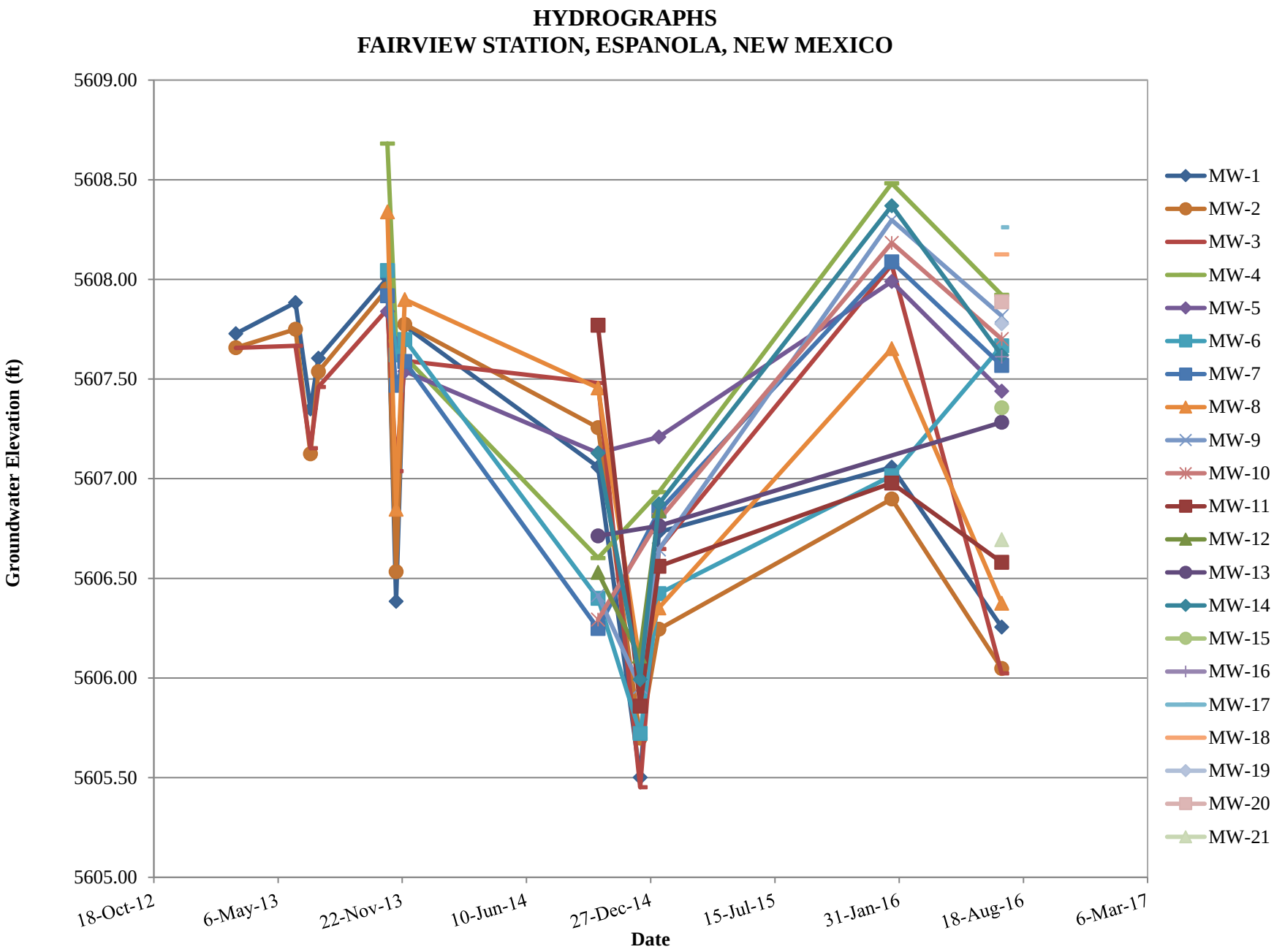
ID	Northing (US survey foot)	Easting (US survey foot)	Elevation (US survey foot)	Feature Code
1	1825407.387	1695429.115	5621.880	MW-1 TOP N-SIDE PVC
2	1825384.848	1695384.788	5622.248	MW-2 TOP N-SIDE PVC
3	1825335.555	1695382.273	5622.241	MW-3 TOP N-SIDE PVC
4	1825389.858	1695478.155	5622.812	MW-4 TOP N-SIDE PVC
5	1825285.314	1695368.193	5621.609	MW-5 TOP N-SIDE PVC
6	1825418.201	1695357.137	5622.014	MW-6 TOP N-SIDE PVC
7	1825370.518	1695355.899	5622.088	MW-7 TOP N-SIDE PVC
8	1825453.301	1695402.237	5623.103	MW-8 TOP N-SIDE PVC
9	1825527.039	1695376.368	5623.105	MW-9 TOP N-SIDE PVC
10	1825456.216	1695363.611	5623.073	MW-10 TOP N-SIDE PVC
11	1825451.121	1695456.836	5623.363	MW-11 TOP N-SIDE PVC
12	1825373.895	1695248.568	5622.050	MW-12 TOP N-SIDE PVC
13	1825203.294	1695365.307	5621.523	MW13 TOP N-SIDE PVC
14	1825595.649	1695371.248	5622.967	MW-14 TOP N-SIDE PVC
15	1825307.763	1695360.233	5622.104	MW-15 TOP N-SIDE PVC
16	1825306.899	1695428.889	5622.152	MW-16 TOP N-SIDE PVC
17	1825469.015	1695521.707	5623.461	MW-17 TOP N-SIDE PVC
18	1825597.296	1695477.297	5623.486	MW-18 TOP N-SIDE PVC
19	1825621.077	1695402.206	5623.577	MW19 TOP N-SIDE PVC
20	1825556.586	1695251.168	5623.177	MW-20 TOP N-SIDE PVC
21	1825454.854	1695221.648	5622.164	MW-21 TOP N-SIDE PVC
5000	1825284.269	1695476.173	5622.732	NAIL

NOTE: Horizontal and Vertical Calibration was generated from the National Geodetic Survey's (NGS) Online Positioning User Service (OPUS) with observations at the base control point (5000). All work was completed by James A. Botsford, NMPS No. 5211 on July 29, 2016.



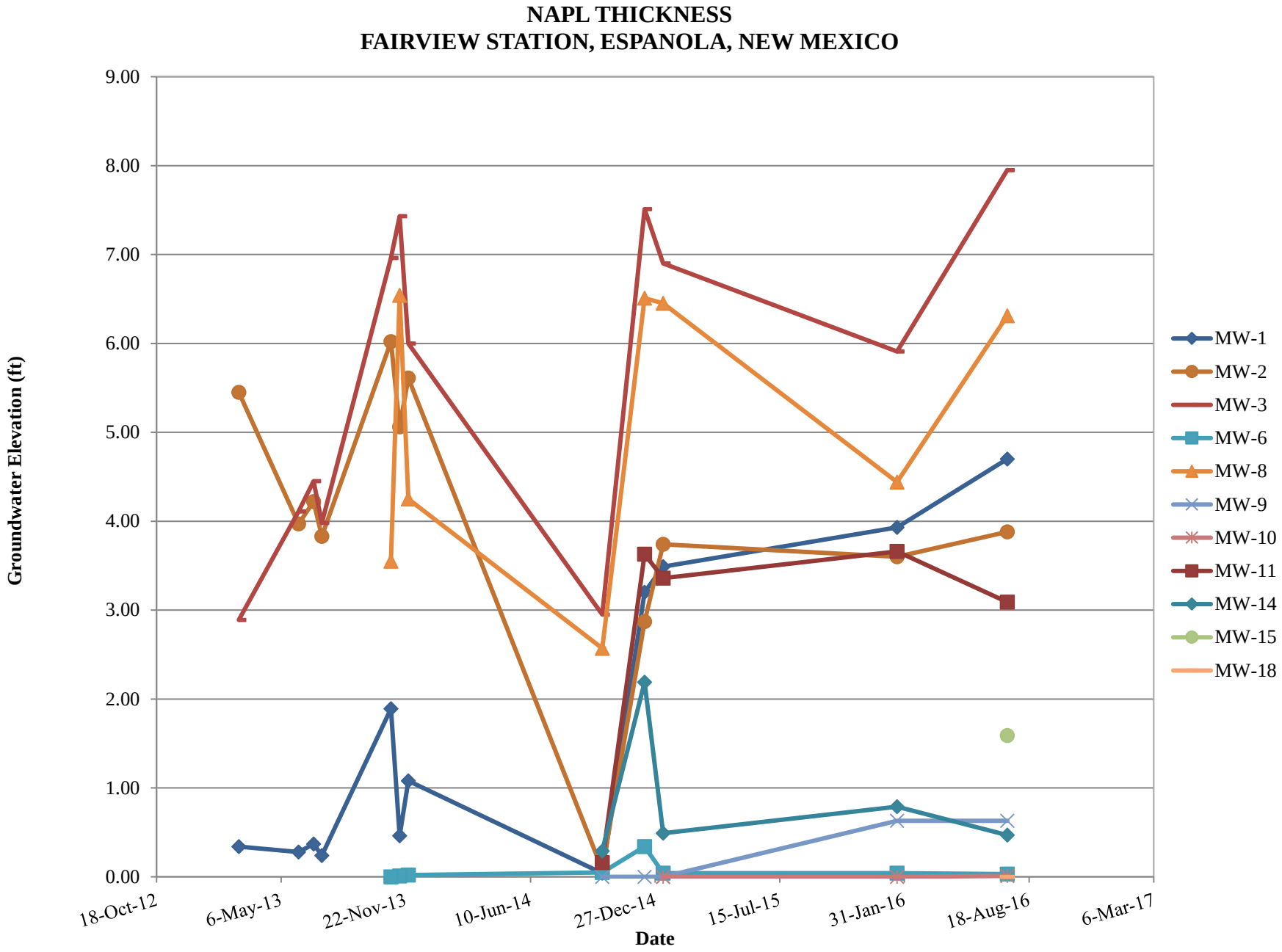
APPENDIX G

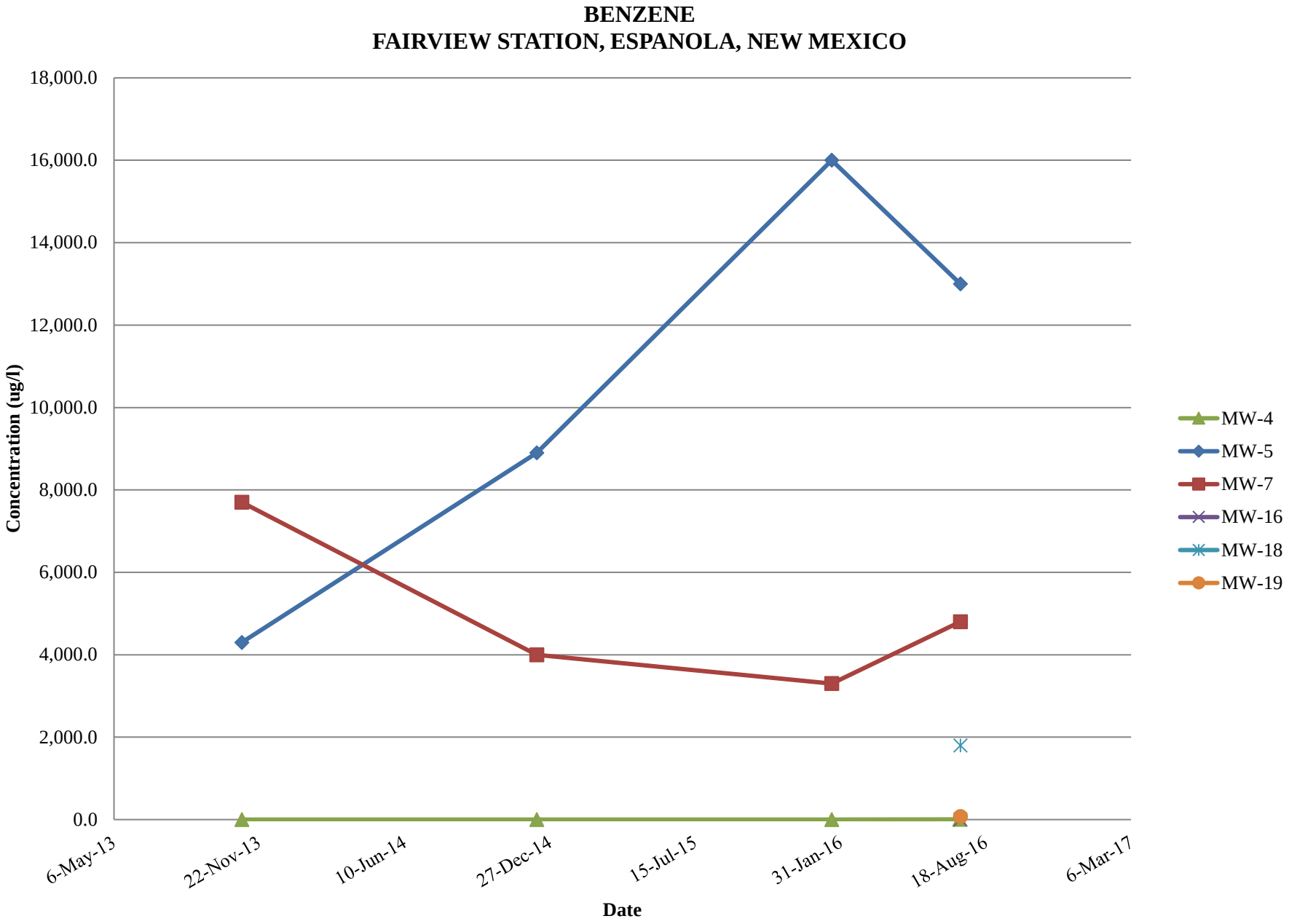
HYDROGRAPHS

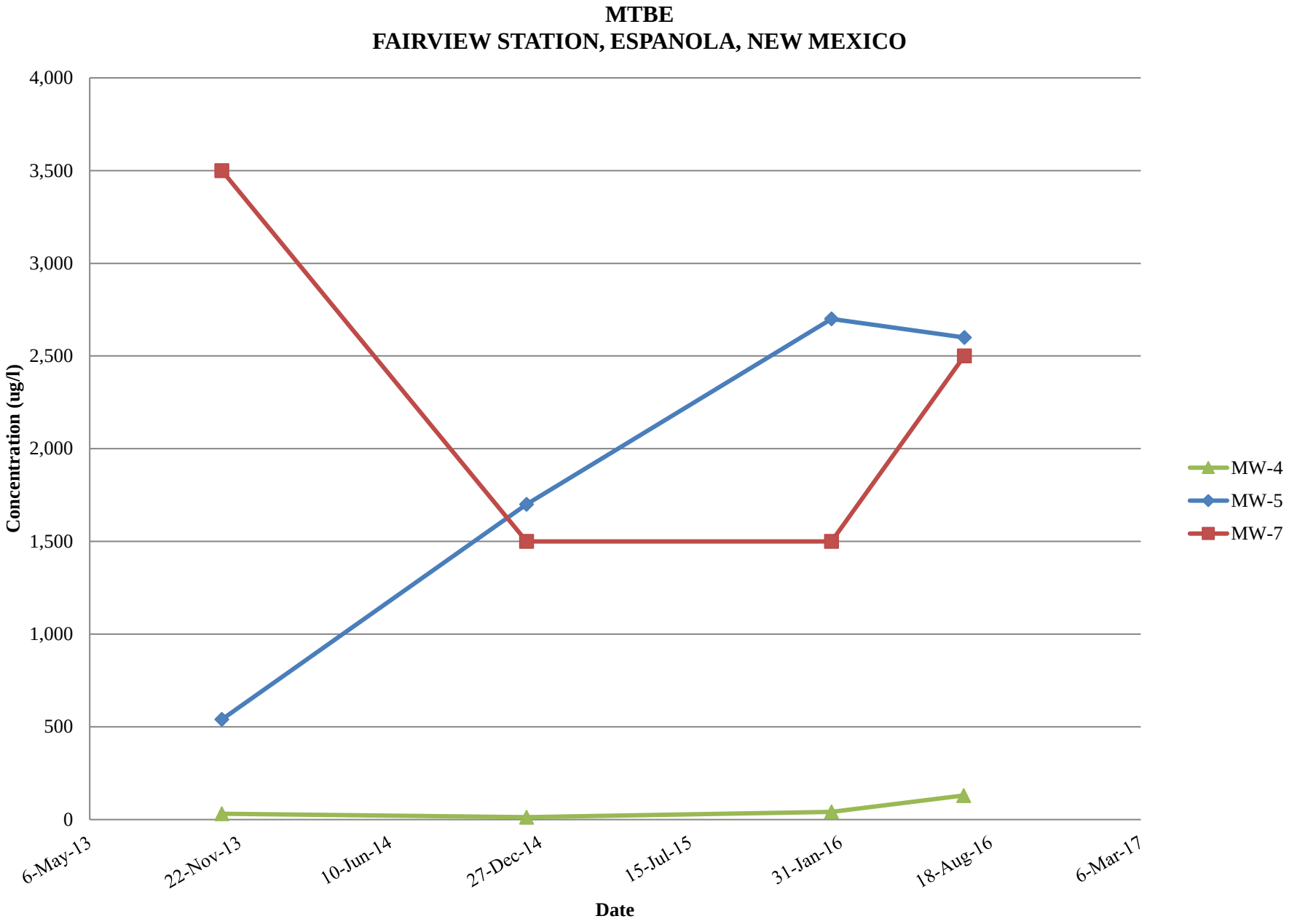

HYDROGRAPHS
FAIRVIEW STATION, ESPANOLA, NEW MEXICO
Groundwater Elevation (ft)
5609.00
5608.50
5608.00
5607.50
5607.00
5606.50
5606.00
5605.50
5605.00
18-Oct-12
6-May-13
22-Nov-13
10-Jun-14
27-Dec-14
15-Jul-15
31-Jan-16
18-Aug-16
6-Mar-17
Date
MW-1
MW-2
MW-3
MW-4
MW-5
MW-6
MW-7
MW-8
MW-9
MW-10
MW-11
MW-12
MW-13
MW-14
MW-15
MW-16
MW-17
MW-18
MW-19
MW-20
MW-21

APPENDIX H

TRENDS


NAPL THICKNESS
FAIRVIEW STATION, ESPANOLA, NEW MEXICO
Groundwater Elevation (ft)
9.00
8.00
7.00
6.00
5.00
4.00
3.00
2.00
1.00
0.00
18-Oct-12
6-May-13
22-Nov-13
10-Jun-14
27-Dec-14
15-Jul-15
31-Jan-16
18-Aug-16
6-Mar-17
Date
MW-1
MW-2
MW-3
MW-6
MW-8
MW-9
MW-10
MW-11
MW-14
MW-15
MW-18


BENZENE
FAIRVIEW STATION, ESPANOLA, NEW MEXICO
18,000.0
16,000.0
14,000.0
12,000.0
10,000.0
8,000.0
6,000.0
4,000.0
2,000.0
0.0
Concentration (ug/l)
6-May-13
22-Nov-13
10-Jun-14
27-Dec-14
15-Jul-15
31-Jan-16
18-Aug-16
6-Mar-17
Date
MW-4
MW-5
MW-7
MW-16
MW-18
MW-19


MTBE
FAIRVIEW STATION, ESPANOLA, NEW MEXICO
4,000
3,500
3,000
2,500
2,000
1,500
1,000
500
0
Concentration (ug/l)
6-May-13
22-Nov-13
10-Jun-14
27-Dec-14
15-Jul-15
31-Jan-16
18-Aug-16
6-Mar-17
Date
MW-4
MW-5
MW-7