

Prepared for:

CAPITAL CITY BANK
1301 Metropolitan Boulevard
Tallahassee, FL 32308

**VOLUNTARY REMEDIATION PROGRAM
PROGRESS REPORT #2
Grantville Mill
41 Industrial Way
Grantville, GA 30220**

Prepared by:



1050 Crown Pointe Parkway, Suite 550
Atlanta, Georgia 30338
Tel: 404-315-9113

July 2016

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A handwritten signature in blue ink, reading "Kirk J. Kessler", is positioned above a horizontal line.

Kirk J. Kessler
Principal

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PROFESSIONAL GEOLOGIST CERTIFICATION

"I certify under penalty of law that this report and all attachments were prepared by me or under my direct supervision in accordance with the Voluntary Remediation Program Act (O.C.G.A. Section 12-8-101, et seq.). I am a professional engineer/professional geologist who is registered with the Georgia State Board of Registration for Professional Engineers and Land Surveyors/Georgia State Board of Registration for Professional Geologists and I have the necessary experience and am in charge of the investigation and remediation of this release of regulated substances.

Furthermore, to document my direct oversight of the Voluntary Remediation Plan development, implementation of corrective action, and long term monitoring, I have attached a monthly summary of hours invoiced and description of services provided by me to the Voluntary Remediation Program participant since the previous submittal to the Georgia Environmental Protection Division.

The information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Kirk Kessler GA000685

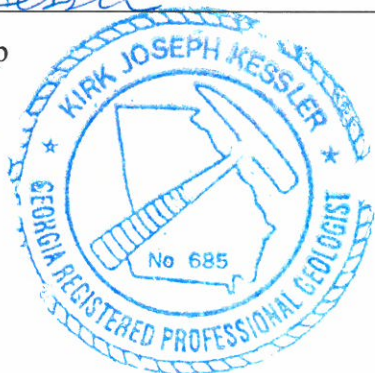
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7/28/2016

Date



Signature and Stamp



1 INTRODUCTION

1.1 Overview

This Voluntary Remediation Program (“VRP”) Progress Report is submitted on behalf of Capital City Bank (“CCB”) for the Grantville Mill site comprised of two parcels as listed on the Hazardous Site Inventory (“HSI”), Site Number 10912. The Site’s Voluntary Investigation and Remediation Plan (“VIRP”) (EPS, 2015) was approved by the Georgia Environmental Protection Division (“GaEPD”) on July 22, 2015 (GaEPD, 2015). The purpose of this Progress Report is to describe the activities accomplished during the current reporting period, January 2016 through June 2016, and to discuss planned activities for the next reporting period. It includes activities completed through July 1, 2016 associated with on-Site and off-Site vapor intrusion (“VI”) assessment and testing of on-Site soil and groundwater for volatile organic compounds (“VOCs”).

Specifically, this Progress Report includes: 1) VI testing of an adjacent off-Site property 2) VI testing of the on-Site building presumed to house the former dry cleaner operation and at the Site property boundary, 3) results of an on-Site soil assessment, 4) results of additional on-Site groundwater testing, 5) an update to the Conceptual Site Model (“CSM”) and 6) discussion of the planned activities to be completed for the next Site progress report.

1.2 Site Location and Description

The CCB property is located in the City of Grantville, Georgia, Coweta County (Figure 1). The CCB property is listed as Coweta County Parcel ID G050008008 and totals 13.48 acres (Figure 2), and has the physical address of 41 Industrial Way, Grantville, Georgia (Figure 2). The other parcel comprising HSI Site Number 10912, Coweta County Parcel ID G050008008A, is owned by Grantville Mill, LLC and was brought into the VRP as an additional qualifying property (Figure 2). Together these two property parcels constitute the “Site”. The Site is approximately 0.2 miles northeast of the City of Grantville, GA.

The Property was first developed in the early 1900s as a cotton mill to make uniforms and canvas during World War I. The mill later became West Point Peppermill’s Grantville Mill, operating into the early 1980s when the mill was closed. Since that time, buildings within the facility have been leased to various companies. One of the tenants, Tropic Formals, Ltd., operated a formals clothing business in one of the former mill buildings, at the southwest portion of the mill complex, between 1980 and 1993. Tropic Formals was a RCRA listed handler of the VOC tetrachloroethene (“PCE”) for the purpose of dry cleaning until it changed its registration status to a non-waste generator on December 31, 1993. The Site is listed on the basis of a documented PCE release to groundwater. The Property is now unoccupied and no intention to occupy the Property or the building previously occupied by Tropic Formals, Ltd. is planned.

Properties bordering the Site are shown on Figure 2 and include:

- to the Northeast - wooded vacant land (Grantville Mill LLC parcel);
- to the East - CSX rail line and Grantville City Cemetery;
- to the South and Southwest - residences; and
- to the West and Northwest – residences and a City park complex.

2 VRP PROJECT MANAGEMENT

2.1 Professional Geologist Oversight

This Progress Report includes a certification by Kirk Kessler, the Professional Geologist (“PG”) specified in the VRP application. Appendix A contains a monthly summary of hours invoiced by the PG.

2.2 Milestone Schedule

The milestone schedule is included in Appendix B.

3 RECENTLY COMPLETED ACTIVITIES

3.1 Overview

This section discusses activities accomplished during the current reporting period including on-Site and off-Site VI testing, additional on-Site groundwater assessment and on-Site soil testing in the presumed PCE release area.

3.2 On-Site Vapor Intrusion Assessment

Six on-Site soil gas samples were collected during the current reporting period, five from beneath the Site building (*i.e.* sub-structure) presumed to house the former on-Site dry cleaner operation and one from shallow soil down-gradient from the presumed release area (Figure 3). Three of the five sub-structure samples were collected from soil beneath the wooden floor of the structure (SG-5 to SG-7) and two samples were collected from beneath the concrete slab floor of the structure's partial basement (SSSG-1 and SSGS-2). The exterior soil gas sample (SG-8) was collected at the Site property line. Each soil gas sample probe was allowed to equilibrate for a minimum of 24 hours after installation before sampling. All soil gas samples were collected from a depth of three feet below ground surface ("ft-bgs"). An attempt to collect a deeper exterior soil gas sample at the Site property line nearer to the water table was unsuccessful as insufficient soil gas was available (*i.e.* the soil strata surrounding the soil gas probe was highly impermeable to soil gas transport) to fill the sample collection vessel. Samples were collected following Environmental Protection Agency ("EPA") Method TO-15.

A summary of soil gas results is provided on Table 1. Twelve VOCs were detected in on-Site soil gas including: 1,2,4-trimethylbenzene (23 micrograms per cubic meter [$\mu\text{g}/\text{m}^3$]), acetone (210 $\mu\text{g}/\text{m}^3$), benzene (37 $\mu\text{g}/\text{m}^3$), chlorobenzene (9.5 $\mu\text{g}/\text{m}^3$), chloroform (410 $\mu\text{g}/\text{m}^3$), ethyl benzene (4.4 $\mu\text{g}/\text{m}^3$), Freon-11 (8.8 - 600 $\mu\text{g}/\text{m}^3$), m&p-xylene (16 $\mu\text{g}/\text{m}^3$), o-xylene (8.7 $\mu\text{g}/\text{m}^3$), PCE (2,500 – 720,000 $\mu\text{g}/\text{m}^3$), toluene (22 $\mu\text{g}/\text{m}^3$) and trichloroethene ("TCE") (60 $\mu\text{g}/\text{m}^3$). Of the constituents detected in on-Site soil gas, only acetone and PCE are reported in the sub-structure soil (Section 3.4), and only Freon-11 and PCE are reported in groundwater (Section 3.5).

3.3 Off-Site Vapor Intrusion Assessment

3.3.1 Soil Gas Sampling

Four soil gas samples were collected from the nearest off-Site property (45 Grady Smith Street) on February 9th, 2016 (Figure 3). The four soil gas samples were collected adjacent to the residential house, with one sample to each side of the house. Each soil gas probe was set approximately 3 feet below the approximate grade of the structure's basement. The probes were

installed on February 8th, 2016 and allowed to equilibrate for 24 hours prior to sampling. Each probe was sampled according to EPA Method TO-15.

A summary of soil gas testing results is provided on Table 1. The range of soil gas constituents reported on the off-Site property is more extensive in comparison to the on-Site soil gas results and includes several aromatic hydrocarbons including benzene (4.3 - 88 $\mu\text{g}/\text{m}^3$), toluene (33 - 250 $\mu\text{g}/\text{m}^3$), ethylbenzene (7.8 - 8.6 $\mu\text{g}/\text{m}^3$), m&p-xylene (20 - 51 $\mu\text{g}/\text{m}^3$), o-xylene (6.3 - 24 $\mu\text{g}/\text{m}^3$) and 1,2,4-trimethylbenzene (5.3 - 6.7 $\mu\text{g}/\text{m}^3$), and common organic ketone compounds including 2-butanone (40 $\mu\text{g}/\text{m}^3$) and 4-methyl-2-pentanone (9.8 - 40.0 $\mu\text{g}/\text{m}^3$). These constituents are not reported in on-Site groundwater and therefore not expected to be associated with the Site release. Additional VOCs detected in off-Site soil gas include: 1,2-dichloropropane (32 - 170 $\mu\text{g}/\text{m}^3$), acetone (26 - 49 $\mu\text{g}/\text{m}^3$), carbon disulfide (6.5 $\mu\text{g}/\text{m}^3$), chloroform (5.4 - 9 $\mu\text{g}/\text{m}^3$) and chloromethane (2.1 $\mu\text{g}/\text{m}^3$). These constituents with the exception of chloroform are not reported in on-Site groundwater and therefore not expected to be associated with the Site release. PCE is reported in two of the four off-Site soil gas samples, SG-1 at 210 $\mu\text{g}/\text{m}^3$ and SG-2 at 10 $\mu\text{g}/\text{m}^3$. PCE is the reported constituent released from the Site, detected in on-Site soil and groundwater, and therefore is reasonably determined to be associated with the on-Site release.

3.3.2 Indoor Air Sampling

Two indoor air samples were collected from the off-Site property following testing of the exterior soil gas (Figure 3). The indoor air samples were collected from opposite ends of the house basement with suma canisters fitted with 24 hour regulators following EPA Method TO-15. The residence was unoccupied at the time of sample collection and without operation of heating or cooling equipment (*i.e.* passive air exchange only).

Seven VOCs were detected in indoor air as summarized in Table 2 including 2-butanone (0.49 - 0.54 $\mu\text{g}/\text{m}^3$), acetone (11 - 12 $\mu\text{g}/\text{m}^3$), chloromethane (0.48 - 0.52 $\mu\text{g}/\text{m}^3$), dichloromethane (0.31 - 0.86 $\mu\text{g}/\text{m}^3$), Freon-12 (0.38 - 0.39 $\mu\text{g}/\text{m}^3$) tetrahydrofuran (0.99 - 1.1 $\mu\text{g}/\text{m}^3$) and toluene (0.23 - 0.24 $\mu\text{g}/\text{m}^3$). VOC constituents associated with the PCE release on the Grantville Mill property, specifically PCE and PCE degradation products, were not detected in off-Site indoor air and therefore the VOCs in the house are not expected to be associated with the Site. All detected indoor VOCs are below residential screening values (10^{-6} target cancer risk) developed by the EPA for human health protection (VISL, June 2015).

3.4 On-Site Soil Assessment

Sixteen soil boring were advanced beneath and adjacent to the Site structure presumed to contain the former on-Site dry cleaner operation (Figure 4A & 4B). Each soil boring was advanced with direct push technology to the water table, typically 10 to 14 ft-bgs, with the soil core preserved in an acetate liner for screening. Field screening of each core was performed with a Photo Ionization Detector (“PID”) to assess for potential VOCs and guide sample selection for laboratory testing. Two soil samples from each boring were selected for VOC analysis with the depth of the sample selected based PID response (*i.e.* the soil segments with highest PID readings were selected for

analysis). If no substantial PID reading of a core was reported, two samples were collected from the core at prescribed depths. Soil boring logs and PID reading are provided in Appendix C.

The results of the soil testing are summarized in Table 3. Except for two detections of acetone (0.07 and 0.081 milligrams per kilogram [“mg/kg”]), PCE is the only VOC detected in soil. Soil PCE detections ranged from 0.0034 mg/kg to 10.0 mg/kg, with the highest reported concentrations located beneath the northwest portion of the structure presumed to house the former on-Site dry cleaner operation (Figures 4A & 4B). Beneath the structure, the highest reported soil PCE concentration is reported at SB-11 at 2 ft-bgs indicating the PCE release in this area likely occurred from a surface release. Soil PCE concentrations rapidly decrease with distance from SB-11, with soil PCE concentrations ranging from 1.0 to 3.0 mg/kg to the immediate north of SB-11 beneath the structure. Soil samples at the perimeter of the assessment area are all below 1.0 mg/kg, with a majority of perimeter soil samples reporting less than 0.1 mg/kg or non-detect.

In comparison to soil Risk Reduction Standards (RRS), PCE is delineated to the non-residential RRS (0.89 mg/kg) horizontally and vertically (Figures 4A & 4B). With respect to the residential RRS (0.5 mg/kg), PCE is delineated with the exception of deep sub-structure soil (samples SB-10 [13.5 ft-bgs] and SB-11 [13.5 ft-bgs]) to the southeast of the presumed release area.

3.5 On-Site Groundwater Assessment

Two additional groundwater monitoring wells were installed during the current reporting period. Monitoring well (MW-16) was installed at the approximate midpoint between the presumed on-Site release area and the nearest off-Site property (Figure 5). The objective of the monitoring well was to further delineate the VOC plume and potential transport of VOCs onto off-Site property. The monitoring well was completed to a depth of 45 ft-bgs, consistent with the depth reported for the highest on-Site PCE concentration in nearby monitoring well MW-5. The other monitoring well, a temporary monitoring well (TW-1), was installed in boring SB-11 beneath the Grantville Mill structure to assess the presumed PCE release area and groundwater below the building (Figure 5).

MW-16 and TW-1 were sampled on June 22, 2016 and tested for VOCs. A summary of groundwater VOC detections for all wells (sampling back to April 2014) is provided in Table 4. PCE was the only VOC detected in both wells, TW-1 reporting 3,400 micrograms per liter (“µg/L”) and MW-16 reporting 18,000 µg/L. An updated depiction of the inferred groundwater VOC plume is provided on Figure 6. The horizontal delineation of constituents associated with the Site release to non-detect is complete; however, additional investigation to refine the horizontal extent onto adjoining properties is ongoing.

4 RISK ASSESSMENT UPDATE

4.1 On-Site Receptors

The tenant that leased the primary building on the Site (where sub-structure VI sampling was performed) has vacated the building and relocated its business. All on-Site structures are currently unoccupied and no plans to occupy the property exist.

4.2 Off-Site Receptors

The tenant living in the off-Site residence assessed for VI vacated the residence on or around February 2016. The residence is currently unoccupied. Results of the off-Site VI testing were submitted to the property owner on June 16, 2016. As outlined in Section 3, testing of the off-Site property indoor air found all detected VOCs below residential screening values (10^{-6} target cancer risk) developed by the EPA for human health protection (VISL, June 2015).

5 PLANNED ACTIVITIES FOR NEXT REPORTING PERIOD

5.1 Groundwater Vertical Delineation

Two deep groundwater monitoring wells are proposed to assess the vertical distribution of VOCs during the next reporting period. One deep monitoring well will be installed in the general vicinity of MW-16. This area of the Site exhibits the highest groundwater VOC condition. A second deeper monitoring well will be placed further down-gradient of MW-16 in line with the VOC plume. Each deep groundwater monitoring well is anticipated to have a total depth of approximately 100 ft.

5.2 Groundwater Horizontal Delineation

Two additional groundwater monitoring wells are proposed adjacent to the western boundaries of the VRP properties to assess for potential transport of VOCs off-Site and refine the horizontal extent of the plume. One well is proposed west of MW-14 and a second west-northwest of MW-8 on an adjoining off-Site property. Installation of an off-Site well west of MW-8 will be subject to attaining an access agreement for the vacant parcel. In the event access cannot be attained, placement of the well near the property line will be evaluated. The two additional horizontal delineation wells will be advanced to auger refusal (*i.e.* the inferred PWR interface) consistent with prior well installation practices.

5.3 Comprehensive Groundwater Sampling Event

Post installation of the proposed delineation wells, a comprehensive groundwater sampling event will be performed for all wells with testing for VOCs. Sampling will be performed following low flow/low stress sampling protocols and tested for VOCs with EPA method 8260C.

6 UPDATES TO THE PRELIMINARY CONCEPTUAL SITE MODEL (CSM)

6.1 Overview

The CSM is intended to establish a common knowledge base about the Site and its environmental condition to facilitate the development of remedial action objectives, and to allow an informed decision regarding possible remedial action measures. For this report, a refinement of the Site lithology (*i.e.* boring logs) and updated geologic cross sections have been prepared. In addition, this update to the CSM refines the hydrogeologic model (potentiometric surface) for the Site and potential receptor and exposure pathways.

6.2 Groundwater Flow

An update to the Site hydrogeologic model has been performed to improve assessment of groundwater flow direction. The new monitoring well (MW-16) was surveyed by a registered land surveyor to an established datum (*i.e.* mean sea level) and one prior well survey elevation was corrected (MW-8). Groundwater depths at each monitoring well were assessed on June 22, 2016 and a potentiometric surface map for the Site was developed for the overburden. As illustrated on Figure 7, groundwater from the suspected release area flows northeast approximately 400 ft, before turning more northerly, consistent with Site topography and surface drainage. Groundwater flow is expected to continue in a northerly direction beyond MW-2 following the axis of the valley floor. Depth to groundwater across the monitoring well network ranged from 5.41 ft-bgs (MW-15) to 28.2 ft-bgs (MW-14).

6.3 Hydrogeologic Cross-section

Figures 8A and 8B provide updated hydrogeologic cross sections for the Site. Cross-section A-A' is oriented from southwest to northeast along the direction of groundwater flow across the Site (Figure 3) and cross section B-B' is oriented northwest to southwest spanning the local valley feature immediately northeast of the presumed PCE release. Monitoring well installation details (*i.e.* screened intervals) and VOC detections are shown on the cross sections. In general, PCE concentrations down-gradient of the assumed release area trend higher in monitoring wells set at the point of drill auger refusal, which characteristically marks the onset of partially weathered rock (*e.g.*, MW-18, MW-8 and MW-14), with nearby shallower wells exhibiting lesser concentrations (*e.g.*, MW-6 and MW-2).

6.4 Compliance Status of Regulated Constituents

6.4.1 Groundwater

Past sampling detected six constituents regulated under Georgia's HSRA in groundwater at the Site: (i) PCE, (ii) TCE, (iii) cis-1,2-dichloroethene, (iv) Freon-11, (v) chloroform, and (vi) bromodichloromethane. Sampling performed in 2016 confirmed the occurrence PCE.

6.4.2 Soil

Soil sampling during the current reporting period detected two constituents regulated under Georgia's HSRA in soil, acetone and PCE. The two detections of acetone (0.07 and 0.081 mg/kg) are well below RRS. PCE is reported above the non-residential RRS (0.89 mg/kg) in 9 of 32 samples.

6.5 Soil and Groundwater COPC for the Site

The 1st Semi-Annual Report identified three VOCs as constituents of potential concern ("COPC") for the Site groundwater including: PCE, TCE and cis-DCE. Groundwater COPCs are conserved for this report. Based on testing performed during the current reporting period PCE is the sole COPC in soil (Section 3.4).

6.6 Potential Receptors and Exposure Pathways

6.6.1 On-Site Receptors and Exposure Pathways

The receptors and exposure pathways presented in the VIRP are conserved for this report submission, however, the Site is currently unoccupied and no plans to occupy the Property exist. Assessment of the VI pathway, the pathway considered most likely to permit exposure, was assessed through collection of soil gas samples from beneath the facility presumed to house the former dry cleaner operation. Based on soil gas concentrations reported beneath the facility and facility construction (*i.e.* wooden flooring) VI is conserved as a potential exposure pathway.

6.6.2 Off-Site Receptors and Exposure Pathways

As presented in the VIRP, the primary potential exposure pathway for off-Site receptors is for VOC vapor intrusion as no drinking water supply wells are known to exist for the presumed down-gradient plume area. The results of the 2015 and 2016 groundwater sampling, which reported higher VOC concentrations than previously found, indicated the potential for off-Site vapor intrusion. Accordingly, the nearest off-site property was assessed through soil gas and interior air sampling. Indoor air test results (Section 3.3.2) found no exposure to COPC to potential occupants in the nearest off-Site residence. The tested residence is also currently unoccupied.

7 REFERENCES

GaEPD (2015). HSI Site Number 10912, Voluntary Investigation and Remediation Plan Approval Letter, Dated July 22, 2015.

EPS (2015). Voluntary Investigation and Remediation Plan, Grantville Mill, Grantville, Georgia. March 26, 2015.

VISL (2015). Vapor Intrusion Screening Level Calculator, Version 3.4. November 2015.

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TABLES

Table 1.
Soil Gas Volatile Organic Compounds

Paramter	Off-Site Property*				Grantville Mill Property					
	SG-1	SG-2	SG-3	SG-4	SG-5	SG-6	SG-7	SG-8	SSSG-1	SSSG-2
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	ND	6.7	ND	5.3	ND	ND	ND	23	ND	ND
1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	170	77	32	95	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	ND	ND	ND	40	ND	ND	ND	ND	ND	ND
2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Ethyltoluene	ND	ND	ND	ND	NM	NM	ND	ND	NM	ND
4-Methyl-2-pentanone	ND	21	9.8	40	ND	ND	ND	ND	ND	ND
Acetone	26	49	ND	ND	ND	ND	210	ND	ND	ND
Benzene	16	9.6	4.3	88	ND	ND	ND	37	ND	ND
Bromoform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	6.5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	9.5	ND	ND
Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ND	ND	5.4	9	ND	410	ND	ND	ND	ND
Chloromethane	ND	2.1	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorobromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichloromethane (Methylene chloride)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethyl benzene	7.8	ND	ND	8.6	ND	ND	ND	4.4	ND	ND
Freon-11	ND	ND	ND	ND	ND	ND	ND	8.8	600	62
Freon-113	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Freon-114	ND	ND	ND	ND	NM	NM	ND	ND	NM	ND
Freon-12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
m&p-Xylene	20	ND	ND	51	ND	ND	ND	16	ND	ND
o-Xylene	6.3	ND	ND	24	ND	ND	ND	8.7	ND	ND
Styrene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	210	10	ND	ND	270,000	720,000	8,900	2,500	72,000	14,000
Toluene	130	66	33	250	ND	ND	22	25	ND	ND
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ND	ND	ND	ND	ND	ND	ND	ND	60	ND
Vinyl chloride	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Units: µg/m³

ND: Non-detect

NM: Not measured (not included in std TO-15 testing)

Table 2.
Off-Site* Indoor Air Volatile Organic Comounds

Parameter	IA-1	IA-2
1,1,1-Trichloroethane	ND	ND
1,1,2,2-Tetrachloroethane	ND	ND
1,1,2-Trichloroethane	ND	ND
1,1-Dichloroethane	ND	ND
1,1-Dichloroethene	ND	ND
1,2,4-Trichlorobenzene	ND	ND
1,2,4-Trimethylbenzene	ND	ND
1,2-Dibromoethane	ND	ND
1,2-Dichlorobenzene	ND	ND
1,2-Dichloroethane	ND	ND
1,2-Dichloropropane	ND	ND
1,3,5-Trimethylbenzene	ND	ND
1,3-Butadiene	ND	ND
1,3-Dichlorobenzene	ND	ND
1,4-Dichlorobenzene	ND	ND
1,4-Dioxane	ND	ND
2-Butanone (MEK)	0.49	0.54
2-Hexanone	ND	ND
4-Ethyltoluene	ND	ND
4-Methyl-2-pentanone	ND	ND
Acetone	11	12
Allyl chloride	ND	ND
Benzene	ND	ND
Benzyl chloride	ND	ND
Bromoform	ND	ND
Bromomethane	ND	ND
Carbon disulfide	ND	ND
Carbon tetrachloride	ND	ND
Chlorobenzene	ND	ND
Chloroethane	ND	ND
Chloroform	ND	ND
Chloromethane	0.48	0.52
cis-1,2-Dichloroethene	ND	ND
cis-1,3-Dichloropropene	ND	ND
Cyclohexane	ND	ND
Dibromochloromethane	ND	ND
Dichlorobromomethane	ND	ND
Dichloromethane (Methylene chloride)	0.86	0.31
Ethyl acetate	ND	ND
Ethyl benzene	ND	ND
Freon-11	ND	ND
Freon-113	ND	ND
Freon-114	ND	ND
Freon-12	0.39	0.38
Heptane	ND	ND
Hexachlorobutadiene	ND	ND
Isooctane	ND	ND
m&p-Xylene	ND	ND
Methyl tertbutyl ether (MTBE)	ND	ND
n-Hexane	ND	ND
o-Xylene	ND	ND
Propylene	ND	ND
Styrene	ND	ND
Tetrachloroethene	ND	ND
Tetrahydrofuran	1.1	0.99
Toluene	0.23	0.24
trans-1,2-Dichloroethene	ND	ND
trans-1,3-Dichloropropene	ND	ND
Trichloroethene	ND	ND
Vinyl acetate	ND	ND
Vinyl bromide (bromoethene)	ND	ND
Vinyl chloride	ND	ND
Xylenes (unspecified)	ND	ND

Table 3.
Soil Volatile Organic Compounds

	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2,4-Trichlorobenzene	1,2-Dibromo-3-chloropropane	1,2-Dibromoethane	1,2-Dichlorobenzene	1,2-Dichloroethane	1,2-Dichloropropane	1,3-Dichlorobenzene	1,4-Dichlorobenzene	2-Butanone (MEK)	2-Hexanone	4-Methyl-2-pentanone	Acetone	Benzene	Bromoform	Bromomethane	Carbon disulfide
Residential RRS																					
non-Residential RRS																					
SB-1																					
5 ft	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
8 ft	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB-2																					
5 ft	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10 ft	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB-3																					
5 ft	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10 ft	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB-4																					
5 ft	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10 ft	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB-5																					
5 ft	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10 ft	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB-6																					
5 ft	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
9 ft	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB-7																					
5 ft	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10 ft	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB-8																					
2 ft	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
14 ft	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB-9																					
2 ft	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.081	ND	ND	ND	ND
13.5 ft	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB-10																					
2 ft	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
13.5 ft	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB-11																					
2 ft	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.07	ND	ND	ND	ND
12 ft	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB-12																					
2 ft	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
13.5 ft	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB-13																					
2 ft	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12 ft	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB-14																					
2 ft	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12 ft	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB-15																					
2 ft	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12 ft	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB-16																					
2 ft	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12 ft	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Units: mg/kg

ND: Non-detect

ft: feet

RRS: Risk Reduction Standard

Blue: > Residential RRS

Yellow: > non-Residential RRS

Table 3.
Soil Volatile Organic Compounds

	Carbon tetrachloride	Chlorobenzene	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethene	cis-1,3-Dichloropropene	Cyclohexane	Dibromochloromethane	Dichlorobromomethane	Dichloromethane (Methylene chloride)	Ethyl benzene	Freon-11	Freon-113	Freon-12	Isopropylbenzene	m&p-Xylene	Methyl acetate	Methyl tertbutyl ether (MTBE)	Methylcyclohexane	o-Xylene
Residential RRS																					
non-Residential RRS																					
SB-1																					
5 ft	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
8 ft	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB-2																					
5 ft	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10 ft	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB-3																					
5 ft	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10 ft	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB-4																					
5 ft	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10 ft	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB-5																					
5 ft	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10 ft	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB-6																					
5 ft	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
9 ft	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB-7																					
5 ft	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
10 ft	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB-8																					
2 ft	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
14 ft	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB-9																					
2 ft	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
13.5 ft	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB-10																					
2 ft	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
13.5 ft	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB-11																					
2 ft	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12 ft	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB-12																					
2 ft	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
13.5 ft	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB-13																					
2 ft	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12 ft	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB-14																					
2 ft	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12 ft	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB-15																					
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12 ft	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB-16																					
2 ft	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12 ft	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Units: mg/kg

ND: Non-detect

ft: feet

RRS: Risk Reduction Standard

Blue: > Residential RRS

Yellow: > non-Residential RRS

Table 3.
Soil Volatile Organic Compounds

	Styrene	Tetrachloroethene	Toluene	trans-1,2-Dichloroethene	trans-1,3-Dichloropropene	Trichloroethene	Vinyl chloride
Residential RRS		0.50					
non-Residential RRS		0.89					
SB-1							
5 ft	ND	0.01	ND	ND	ND	ND	ND
8 ft	ND	0.047	ND	ND	ND	ND	ND
SB-2							
5 ft	ND	ND	ND	ND	ND	ND	ND
10 ft	ND	ND	ND	ND	ND	ND	ND
SB-3							
5 ft	ND	0.96	ND	ND	ND	ND	ND
10 ft	ND	0.11	ND	ND	ND	ND	ND
SB-4							
5 ft	ND	ND	ND	ND	ND	ND	ND
10 ft	ND	ND	ND	ND	ND	ND	ND
SB-5							
5 ft	ND	0.02	ND	ND	ND	ND	ND
10 ft	ND	0.082	ND	ND	ND	ND	ND
SB-6							
5 ft	ND	0.0092	ND	ND	ND	ND	ND
9 ft	ND	0.041	ND	ND	ND	ND	ND
SB-7							
5 ft	ND	ND	ND	ND	ND	ND	ND
10 ft	ND	ND	ND	ND	ND	ND	ND
SB-8							
2 ft	ND	3.0	ND	ND	ND	ND	ND
14 ft	ND	2.3	ND	ND	ND	ND	ND
SB-9							
2 ft	ND	1.1	ND	ND	ND	ND	ND
13.5 ft	ND	1.3	ND	ND	ND	ND	ND
SB-10							
2 ft	ND	0.0044	ND	ND	ND	ND	ND
13.5 ft	ND	0.67	ND	ND	ND	ND	ND
SB-11							
2 ft	ND	10.0	ND	ND	ND	ND	ND
12 ft	ND	1.4	ND	ND	ND	ND	ND
SB-12							
2 ft	ND	0.051	ND	ND	ND	ND	ND
13.5 ft	ND	0.64	ND	ND	ND	ND	ND
SB-13							
2 ft	ND	ND	ND	ND	ND	ND	ND
12 ft	ND	ND	ND	ND	ND	ND	ND
SB-14							
2 ft	ND	0.0034	ND	ND	ND	ND	ND
12 ft	ND	0.0028	ND	ND	ND	ND	ND
SB-15							
2 ft	ND	ND	ND	ND	ND	ND	ND
12 ft	ND	0.013	ND	ND	ND	ND	ND
SB-16							
2 ft	ND	1.1	ND	ND	ND	ND	ND
12 ft	ND	1.3	ND	ND	ND	ND	ND

Units: mg/kg

ND: Non-detect

ft: feet

RRS: Risk Reduction Standard

Table 4.
Summary of Detected VOCs in Groundwater

	Chloroform	cis-1,2-Dichloroethene	Dichlorobromomethane	Freon-11	Tetrachloroethene	Trichloroethene
Residential RRS	80	70	80	4,700	19	5
non-Residential RRS	80	200	80	31,000	98	5.2
MW-1						
04/18/14	1.6	ND	0.42	ND	3.9	ND
11/02/15	25	ND	ND	ND	ND	ND
MW-2						
04/18/14	ND	0.95	ND	11.3	28.7	3.3
11/03/15	ND	ND	ND	31	39	ND
MW-3						
05/22/14	ND	ND	ND	ND	2.3	ND
11/02/15	ND	ND	ND	ND	ND	ND
MW-4						
04/18/14	6	ND	1.5	ND	11.8	ND
11/03/15	ND	ND	ND	ND	ND	ND
MW-5						
04/18/14	ND	ND	ND	ND	598	ND
11/04/15	ND	ND	ND	ND	8,000	ND
MW-5D						
05/22/14	12.1	ND	ND	ND	9.8	6.9
06/30/14	5.3	ND	ND	ND	0.79	3.7
11/02/15	ND	ND	ND	ND	ND	ND
11/03/15	ND	ND	ND	ND	ND	ND
MW-6						
05/22/14	1.1	ND	ND	ND	379	ND
11/03/15	ND	ND	ND	ND	1,600	ND
MW-7						
11/03/15	ND	ND	ND	ND	ND	ND
MW-8						
11/03/15	ND	85	ND	ND	5,100	67
MW-9						
11/03/15	ND	ND	ND	ND	ND	ND
MW-10						
11/02/15	ND	ND	ND	ND	ND	ND
MW-11						
11/02/15	ND	ND	ND	ND	ND	ND
MW-12						
11/02/15	ND	ND	ND	ND	ND	ND

Units: µg/L

ND: Non-detect

RRS: Risk Reduction Standard

Table 4.
Summary of Detected VOCs in Groundwater

	Chloroform	cis-1,2-Dichloroethene	Dichlorobromomethane	Freon-11	Tetrachloroethene	Trichloroethene
Residential RRS	80	70	80	4,700	19	5
non-Residential RRS	80	200	80	31,000	98	5.2
MW-13						
01/12/16	ND	ND	ND	ND	ND	ND
MW-14						
01/12/16	ND	ND	ND	ND	510	ND
MW-15						
01/12/16	ND	ND	ND	ND	ND	ND
MW-16						
6/22/2016	ND	ND	ND	ND	18,000	ND
TW-1						
6/22/2016	ND	ND	ND	ND	3,400	ND

Units: µg/L

ND: Non-detect

RRS: Risk Reduction Standard

Blue: > Residential RRS

Yellow: > non-Residential RRS

FIGURES

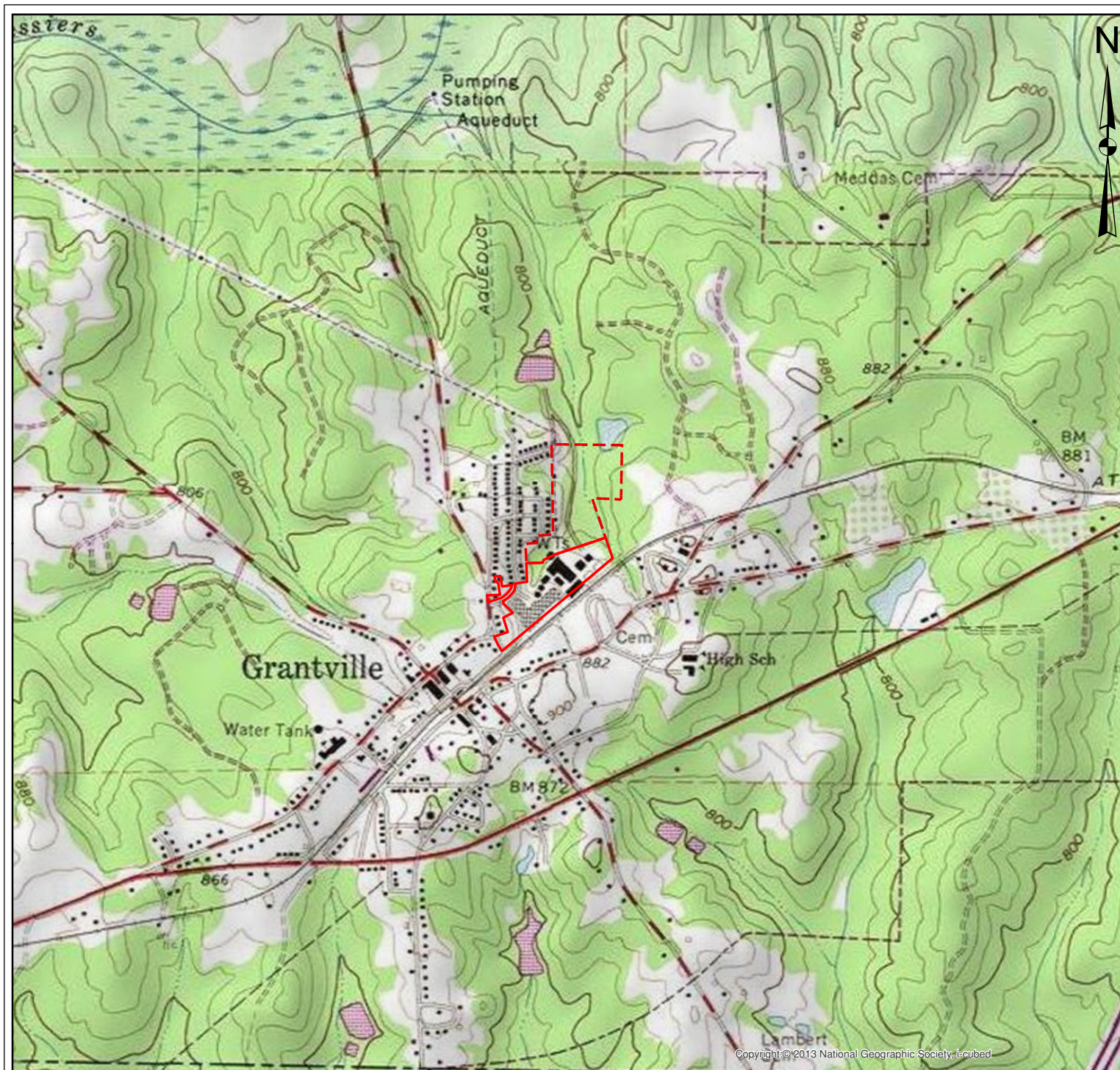


Figure 1
Site Location

Grantville Mill
Grantville, Georgia

Figure Narrative

Figure depicts Site Location and regional topographic features.

Notes

Data obtained from the U.S. Geologic Society.

Legend

- Capital City Bank Parcel
- Grantville Mill LLC Parcel

0 750 1,500
Feet

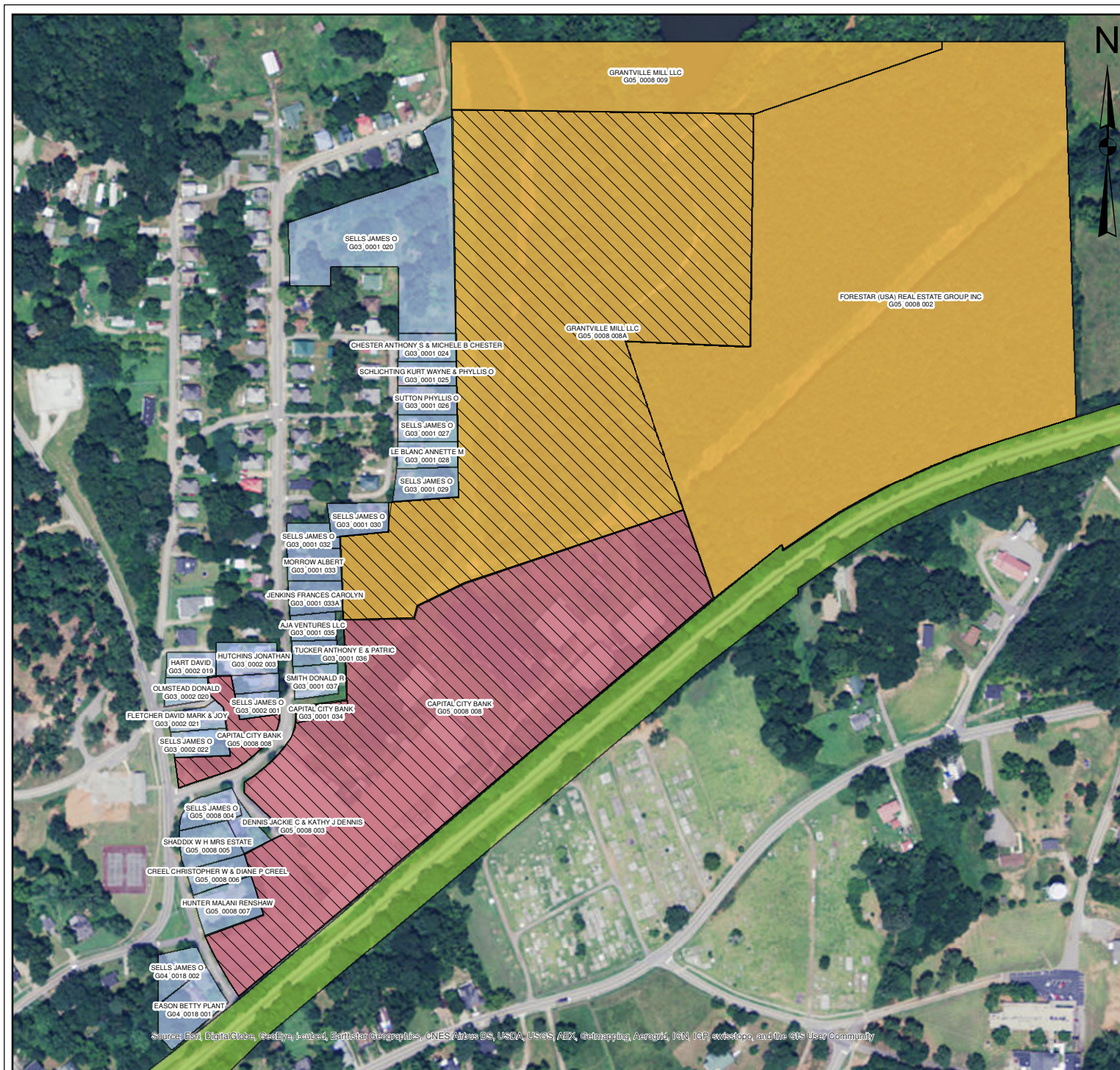


Figure 2
VRP Properties, Adjacent Land
Use and Ownership

Grantville Mill
Grantville, Georgia

Figure Narrative

Figure depicts land parcel ownership, parcel number, and land use of abutting properties to the Site.

Notes

Data obtained from the Coweta County Geographic Information System.

Legend

Land Use

- Forested/Unoccupied
- Commercial/Industrial
- Residential
- Rail Road

VRP Property Status

- VRP Enrolled Property

0 175 350
Feet

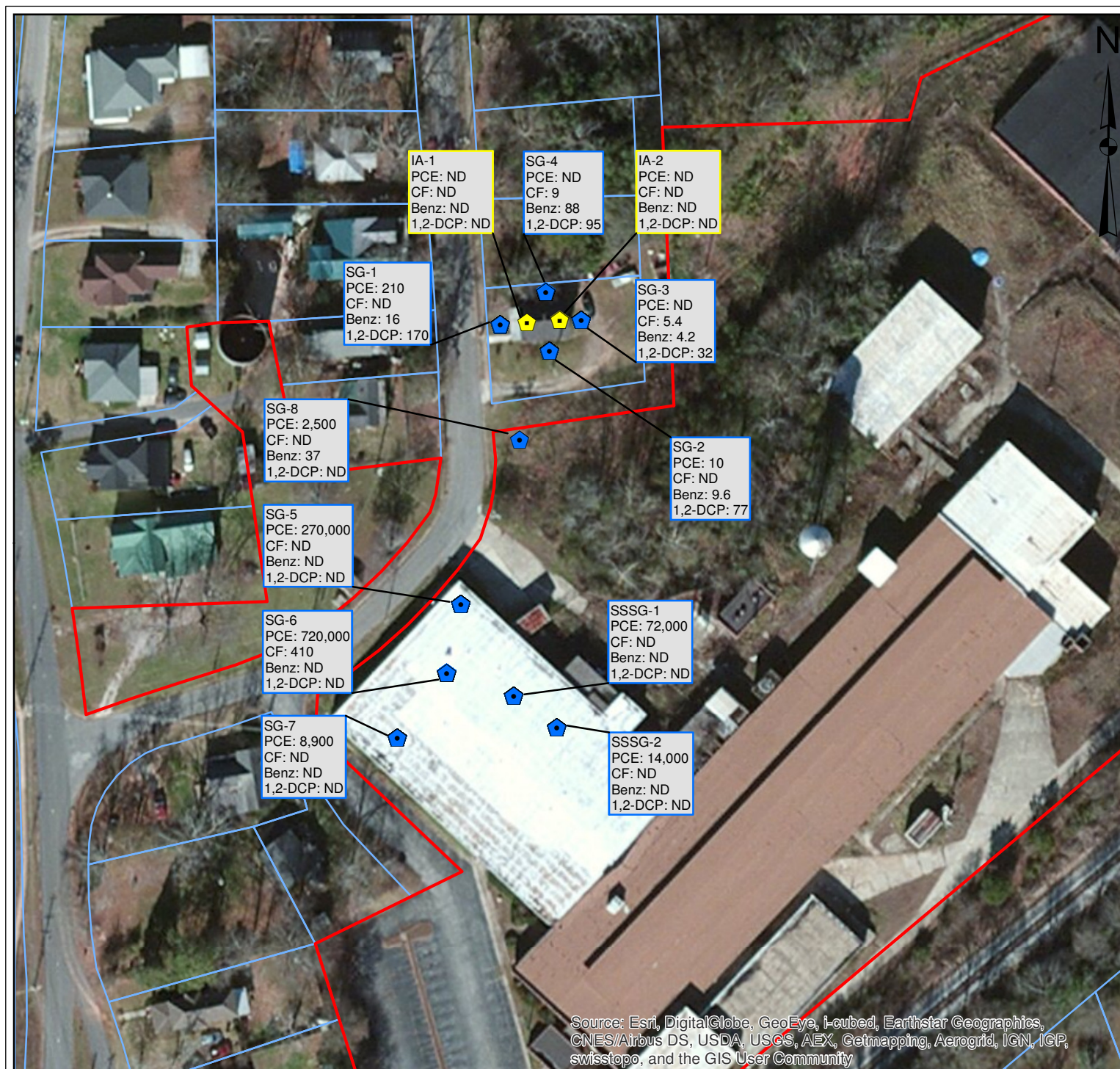


Figure Narrative

Figure depicts soil gas and indoor air results for PCE and constituents detected above residential (TCR= 10^{-6}) screening values (USEPA VISL Calculator).

Notes

PCE: Tetrachloroethene
CF: Chloroform
Benz: Benzene
1,2-DCP: 1,2-Dichloropropane
Units: $\mu\text{g}/\text{m}^3$

Legend

Property Information

- Capital City Bank Parcel
- Off-Site Parcels

Sample Type

- Indoor Air Sample
- Soil Gas Sample

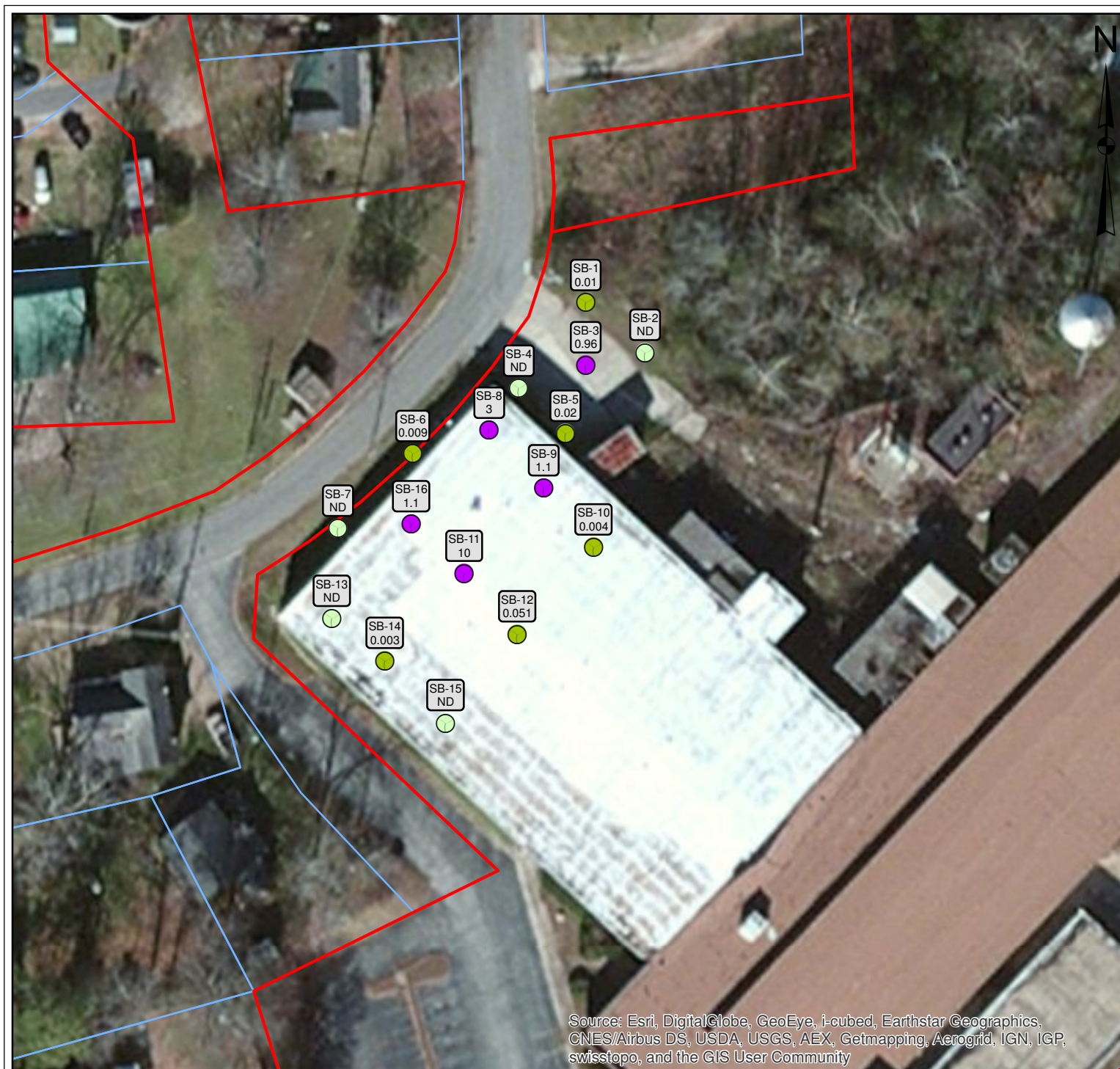


Figure 4A
 Soil VOC Assessment Results
 Shallow Soil (< 5ft)
 Grantville Mill
 Grantville, Georgia

Figure Narrative
 Figure depicts tetrachloroethene (PCE) concentrations reported in vadose zone soil in comparison to Risk Reduction Standards (RRS). Samples collected May 17-19, 2016.

Notes
 Units: mg/kg
 ND: non-detect

- Legend**
- Property Information
- Capital City Bank Parcel
 - Off-Site Parcels
- Soil PCE Concentration (mg/kg)
- Non-detect
 - < Res RRS (0.5)
 - < non-Res RRS (0.89)
 - > non-Res RRS



Figure 4B
 Soil VOC Assessment Results
 Deep Soil (> 5ft)
 Grantville Mill
 Grantville, Georgia

Figure Narrative
 Figure depicts tetrachloroethene (PCE) concentrations reported in vadose zone soil in comparison to Risk Reduction Standards (RRS). Samples collected May 17-19, 2016.

Notes
 Units: mg/kg
 ND: non-detect

- Legend**
- Property Information
- Capital City Bank Parcel
 - Off-Site Parcels
- Soil PCE Concentration (mg/kg)
- Non-detect
 - < Res RRS (0.5)
 - < non-Res RRS (0.89)
 - > non-Res RRS

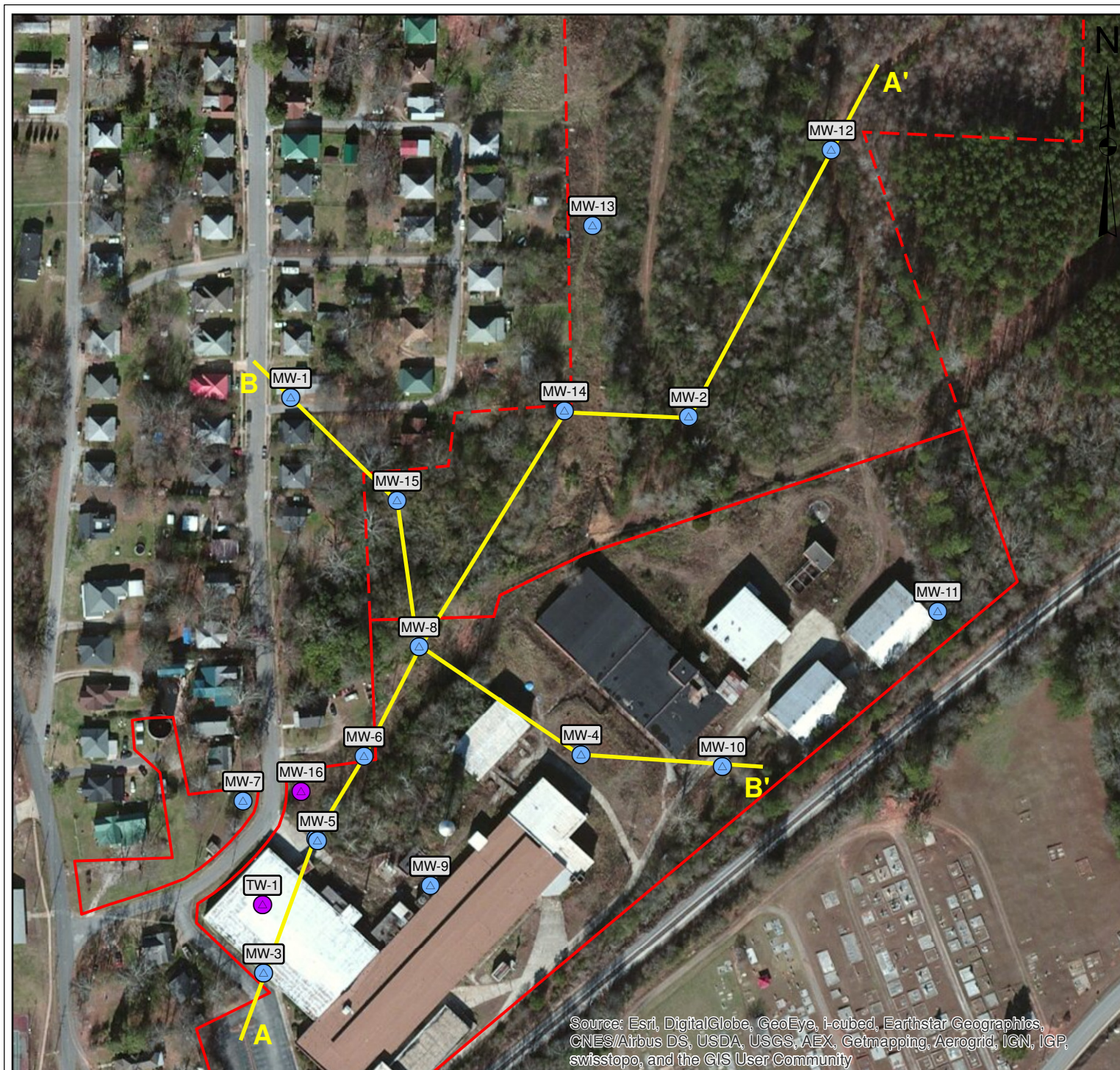


Figure 5
Monitoring Well Network and
Cross Section Transects

Grantville Mill
Grantville, Georgia

Figure Narrative

Figure depicts the Site monitoring well network, well expansion phases and location of hydrogeologic cross-section A-A' and B-B'.

Notes

Installation Date
MW-16: May 17, 2016
TW-1: May 19, 2016

Legend

Property Information

- Capital City Bank Parcel
- Grantville Mill, LLC Parcel

Well Status

- Existing Monitoring Well
- Installed during current reporting period

— Cross section transect

0 100 200
Feet



Figure 6
Groundwater Results Summary

Grantville Mill
Grantville, Georgia

Figure Narrative

Figure depicts the groundwater VOC testing results and sample date.
MW-1 to MW-12: November 2015
MW-13 to MW-15: January 2016
MW-16 and TW-1: June 2016

Notes

Units: µg/L
PCE: Tetrachloroethene
TCE: Trichloroethene
cis-DCE: cis-1,2-Dichloroethene
ND: Non-detect

Legend

Property Information

- Capital City Bank Parcel
- Grantville Mill, LLC Parcel

Well Status

- △ No VOC Detected
- △ VOC Detected

- Inferred Plume Boundary
- Parcel may intersect VOC plume

0 100 200
Feet

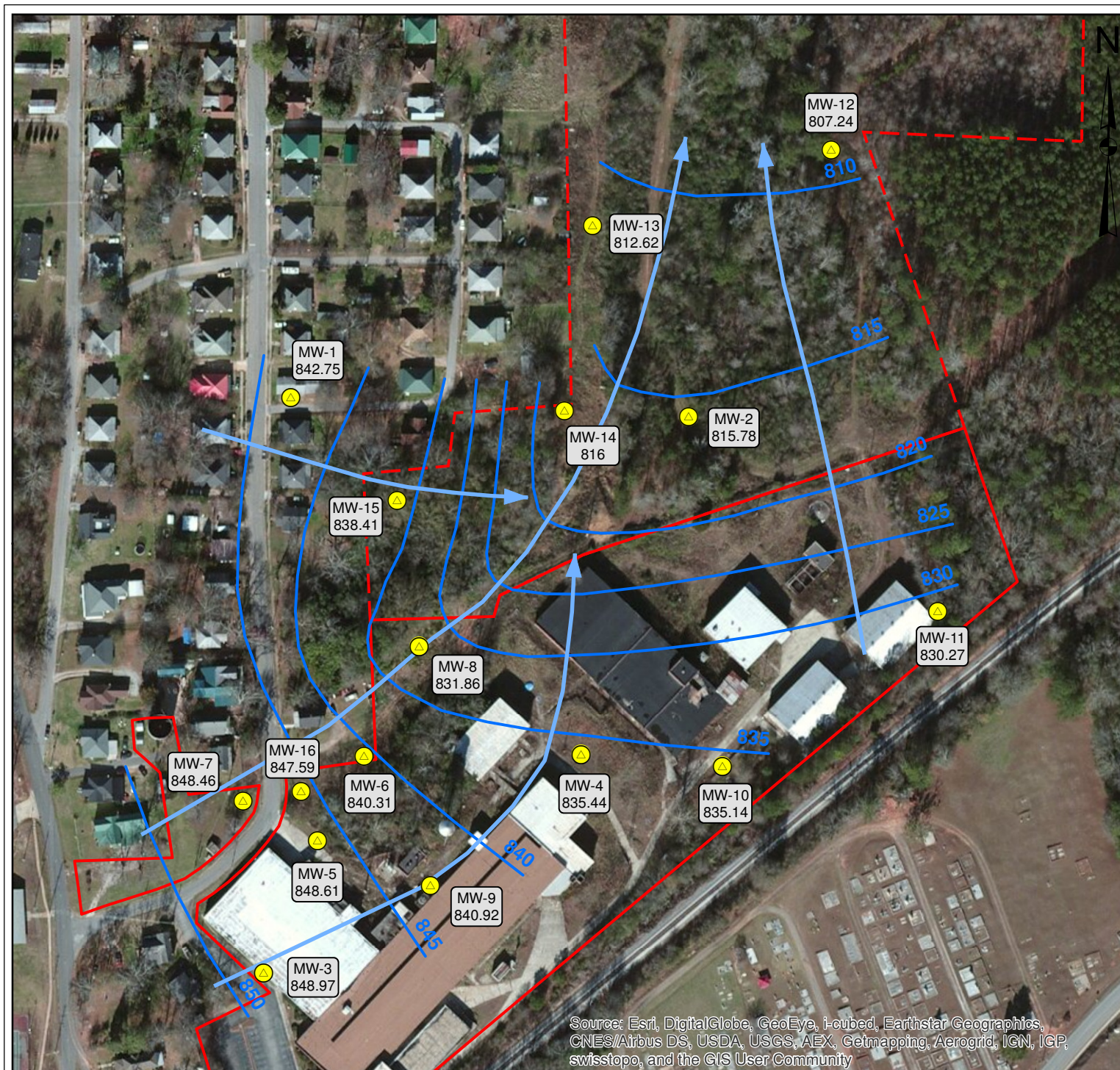


Figure 8A
Cross Section A-A'

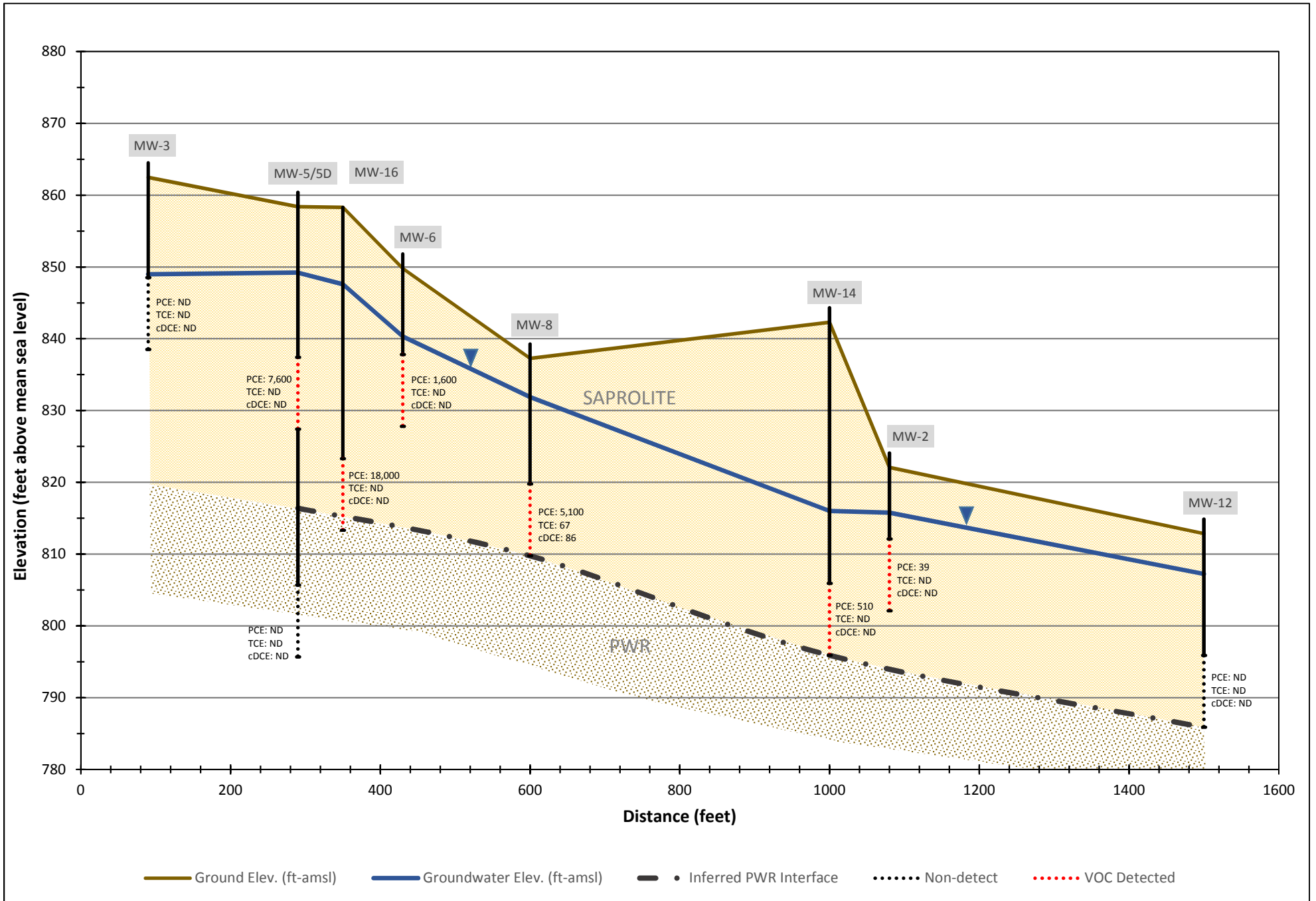
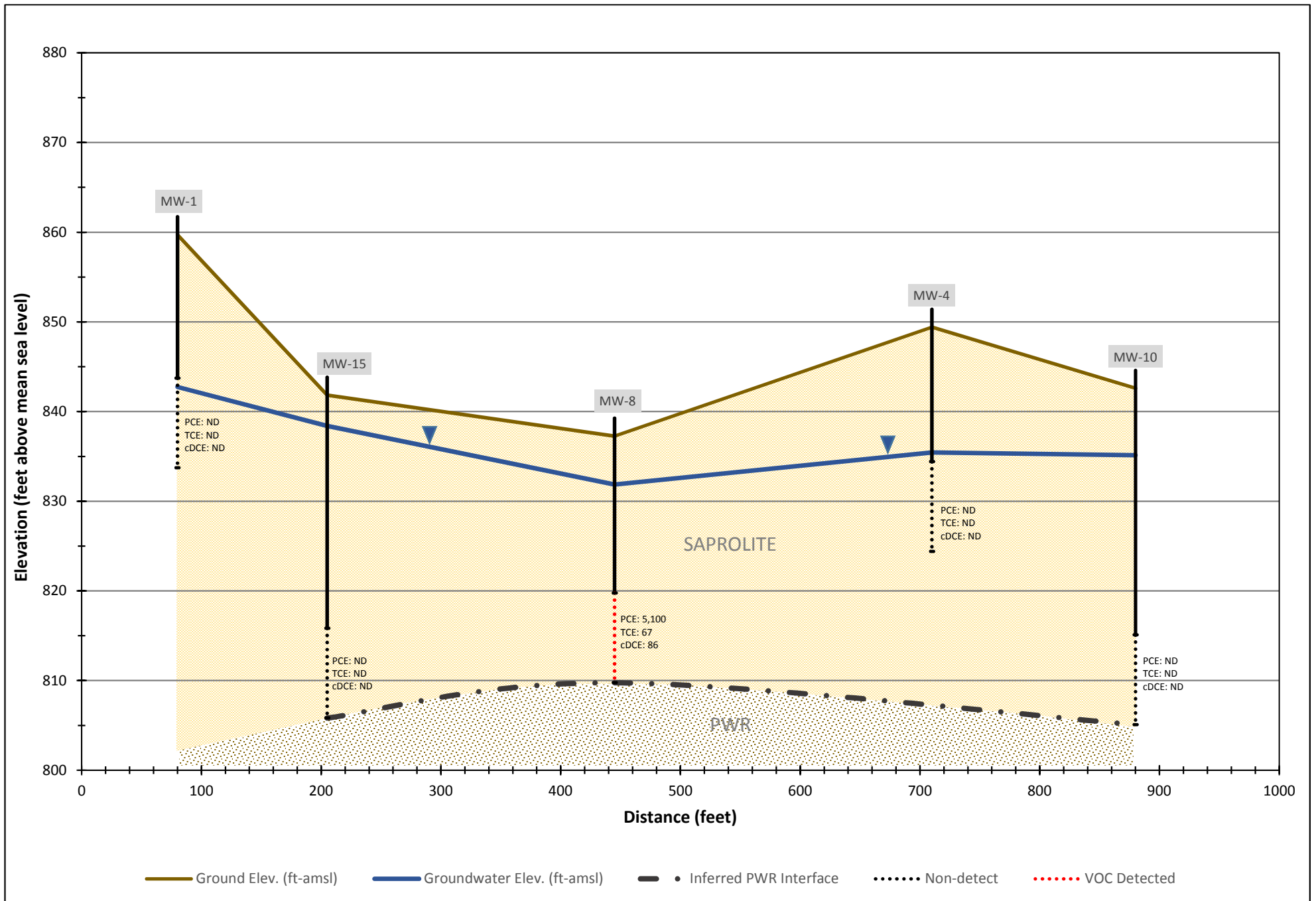


Figure 8B
Cross Section B-B'



APPENDIX A
Professional Geologist Summary of Hours

Appendix A
Professional Geologist Hours
Period: January 2016 - June 2016

Period	Hours
January 2016	5
February 2016	4
March 2016	1.5
April 2016	0
May 2016	0
June 2016	1.5
Total:	12

APPENDIX B

Milestone Schedule

Appendix B

Project Milestone Schedule Grantville Mill, GA HSI Site

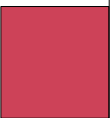

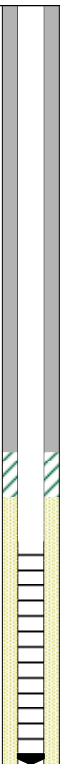
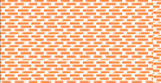





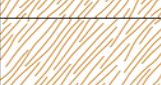

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APPENDIX C

Boring Logs



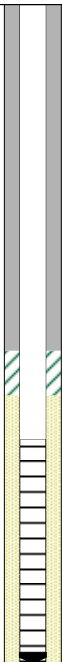




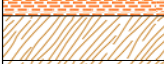


PROJECT:	Grantville Mill	Log of Boring No.		MW-7	
SITE LOCATION:	Grantville, GA	TOP OF CASING ELEVATION (ft):		N/A	
DRILLING CONTRACTOR:	GeoLab	DATE STARTED:	10/6/2015	DATE FINISHED:	10/6/2015
DRILLING METHOD:	Hollow Stem Auger	TOTAL DEPTH (ft.):	34	SCREEN INTERVAL (ft.):	24-34
DRILLING EQUIPMENT:	Geoprobe	DEPTH TO WATER AT TIME OF BORING (ft.):	~24	CASING (ft.):	0-24
SAMPLING METHOD:	Macrocore w/ Acetate Liner	BOREHOLE DIAMETER (In.):	4.25	WELL DIAMETER (In.):	2

LOGGED BY: Alex Testoff

DEPTH (feet)	SAMPLES		PID Reading	DESCRIPTION			WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
	Sample No.	Location		Ground Surface Elevation (ft): N/A			
0	15279-MW-7-NOD				Top soil		Direct push refusal at ~29.5 ft bgs. Advanced to ~34 ft. bgs using hollow stem auger. Hollow stem auger refusal at ~34 ft bgs.
					Red-orange clay		
5			0		Red-orange clay w/ saprolite		
					White saprolite w/ orange-red clay		
10			0		White, pink saprolite w/ tan clay		
					White, tan, pink saprolite		
15			1.1		White, gray saprolite		
20			0		White, pink saprolite w/ quartz (wet at ~24 ft. bgs)		
25			0		White, pink saprolite		
30			0.1				
35							
40							
45							
50							
55							



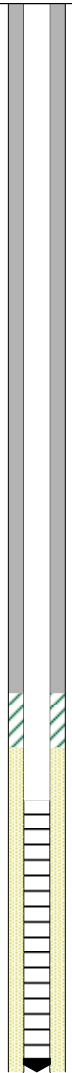
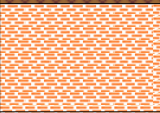
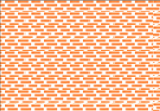
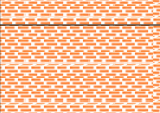
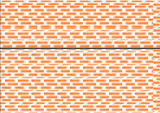
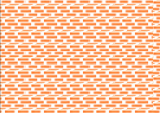
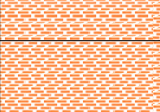
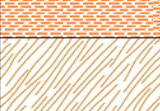
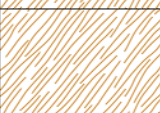
PROJECT:	Grantville Mill	Log of Boring No.	MW-8
SITE LOCATION:	Grantville, GA	TOP OF CASING ELEVATION (ft):	N/A
DRILLING CONTRACTOR:	GeoLab	DATE STARTED:	10/7/2015
DRILLING METHOD:	Hollow Stem Auger	TOTAL DEPTH (ft.):	29.5
DRILLING EQUIPMENT:	Geoprobe	DEPTH TO WATER AT TIME OF BORING (ft.):	~5
SAMPLING METHOD:	Macrocore w/ Acetate Liner	BOREHOLE DIAMETER (In.):	4.25
		DATE FINISHED:	10/7/2015
		SCREEN INTERVAL (ft.):	19.5-29.5
		CASING (ft.):	0-19.5
		WELL DIAMETER (In.):	2

LOGGED BY: Alex Testoff

DEPTH (feet)	SAMPLES		PID Reading	DESCRIPTION			WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS	
	Sample No.	Location		Ground Surface Elevation (ft):				
				N/A				
0	15280-MW-8-NOD				Topsoil		Direct push refusal at ~25 ft bgs. Advanced to ~29.5 ft. bgs using hollow stem auger. Hollow stem auger refusal at ~29.5 ft bgs.	
					Red-orange clay			
5			0		Saturated tan clay			
					Tan saprolite with clay			
10			0		Tan, orange clay			
					Gray, orange saprolite			
15			0		Fine white saprolite with tan clay			
20			0		White, gray saprolite			
25			0					
30								
35								
40								
45								
50								
55								

PROJECT:	Grantville Mill	Log of Boring No.	MW-9
SITE LOCATION:	Grantville, GA	TOP OF CASING ELEVATION (ft):	N/A
DRILLING CONTRACTOR:	GeoLab	DATE STARTED:	10/5/2015
DRILLING METHOD:	Hollow Stem Auger	TOTAL DEPTH (ft.):	39.5
DRILLING EQUIPMENT:	CME 55	DEPTH TO WATER AT TIME OF BORING (ft.):	~25
SAMPLING METHOD:	Split Spoon	BOREHOLE DIAMETER (In.):	4.25
		DATE FINISHED:	10/5/2015
		SCREEN INTERVAL (ft.):	29.5-39.5
		CASING (ft.):	0-29.5
		WELL DIAMETER (In.):	2

LOGGED BY: Alex Testoff


DEPTH (feet)	SAMPLES		Blow Count	DESCRIPTION			WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS		
	Sample No.	Location		Ground Surface Elevation (ft): N/A					
0	15278-MW-9-NOD				Topsoil		Hollow stem auger refusal at ~39.5 ft bgs.		
			4-11-13		Red-orange micaceous clay				
5				4-5-8				tan micaceous clay with pink saprolite	
				6-9-13				Light brown, tan micaceous clay	
10					8-14-17				Light brown, tan micaceous clay with saprolite
15					5-5-8				Light brown micaceous clay with saprolite (wet at ~25 ft. bgs)
20					18-22-26				White, tan saprolite
25					14-24-24				Saturated gray saprolite
30					5-20-52				White, gray saprolite
35									
40									
45									



Hollow stem auger refusal at ~39.5 ft bgs.

PROJECT:	Grantville Mill	Log of Boring No.	MW-10
SITE LOCATION:	Grantville, GA	TOP OF CASING ELEVATION (ft):	N/A
DRILLING CONTRACTOR:	GeoLab	DATE STARTED:	10/5/2015
DRILLING METHOD:	Hollow Stem Auger	TOTAL DEPTH (ft.):	39.5
DRILLING EQUIPMENT:	CME 55	DEPTH TO WATER AT TIME OF BORING (ft.):	~22
SAMPLING METHOD:	Split Spoon	BOREHOLE DIAMETER (In.):	4.25
		DATE FINISHED:	10/5/2015
		SCREEN INTERVAL (ft.):	29.5-39.5
		CASING (ft.):	0-29.5
		WELL DIAMETER (In.):	2

LOGGED BY: **Alex Testoff**



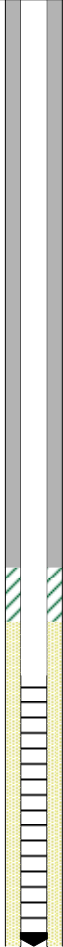
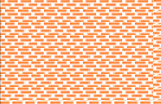
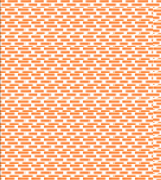
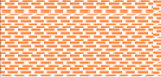




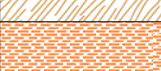

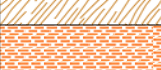
DEPTH (feet)	SAMPLES		Blow Count	DESCRIPTION			WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS	
	Sample No.	Location						
				Ground Surface Elevation (ft): N/A				
0	15278-MW-10-NOD			Topsoil			Hollow stem auger refusal at ~39.5 ft bgs.	
3-5-7			Red-orange clay					
5								
3-3-4			Gray clay					
10								
4-3-4			Gray micaceous clay					
15								
4-4-5			Gray, tan saprolite with clay					
20								
4-4-6			Saturated gray, white saprolite with gold mica flakes					
25								
4-8-10			Red-orange clay					
30								
				Coarse grain saprolite				
				Gray, tan saprolite				
35								
				Tan saprolite				
40								
45								



Hollow stem auger refusal at ~39.5 ft bgs.

PROJECT:	Grantville Mill	Log of Boring No.	MW-11
SITE LOCATION:	Grantville, GA	TOP OF CASING ELEVATION (ft):	N/A
DRILLING CONTRACTOR:	GeoLab	DATE STARTED:	10/6/2015
DRILLING METHOD:	Hollow Stem Auger	DATE FINISHED:	10/6/2015
DRILLING EQUIPMENT:	CME 55	TOTAL DEPTH (ft.):	35
SAMPLING METHOD:	Split Spoon	DEPTH TO WATER AT TIME OF BORING (ft.):	~14.5
		SCREEN INTERVAL (ft.):	25-35
		CASING (ft.):	0-25
		BOREHOLE DIAMETER (In.):	4.25
		WELL DIAMETER (In.):	2



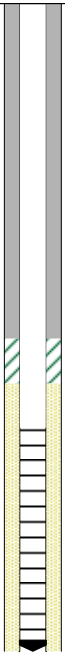






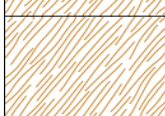




LOGGED BY: Alex Testoff

DEPTH (feet)	SAMPLES		Blow Count	DESCRIPTION			WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS	
	Sample No.	Location		Ground Surface Elevation (ft): N/A				
0	15279-AW-11-NOD				Topsoil		Hollow stem auger refusal at ~35 ft bgs.	
			4-7-9		Red clay			
5								
			4-4-5		Tan sandy clay			
10								
			2-3-3		Saturated light brown micaceous clay			
15								
			3-6-9		Tan saprolite w/ micaceous clay			
20								
			7-17-30		Tan, brown saprolite			
					White, gray saprolite			
25								
			16-18-23		Red, brown micaceous clay			
					Tan, brown saprolite			
30								
	23-50-R		Red, brown saprolite					
			White, gray saprolite					
35								
40								
45								



PROJECT:	Grantville Mill	Log of Boring No.	MW-12
SITE LOCATION:	Grantville, GA	TOP OF CASING ELEVATION (ft):	N/A
DRILLING CONTRACTOR:	GeoLab	DATE STARTED:	10/6/2015
DRILLING METHOD:	Hollow Stem Auger	DATE FINISHED:	10/6/2015
DRILLING EQUIPMENT:	Geoprobe	TOTAL DEPTH (ft.):	29
SAMPLING METHOD:	Macrocore w/ Acetate Liner	DEPTH TO WATER AT TIME OF BORING (ft.):	~7.5
		SCREEN INTERVAL (ft.):	19-29
		CASING (ft.):	0-19
		BOREHOLE DIAMETER (In.):	4.25
		WELL DIAMETER (In.):	2

LOGGED BY: Alex Testoff

DEPTH (feet)	SAMPLES		PID Reading	DESCRIPTION			WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
	Sample No.	Location		Ground Surface Elevation (ft): N/A			
0	15279-MW-12-NOD		0		Topsoil		Hollow stem auger refusal at ~29 ft bgs.
					Gray, pink clay		
5					Gray, pink clay with quartz		
					Gray, tan saprolite		
10					Saturated white saprolite with gray sandy clay		
					Gray clay with gold mica flakes		
15					White, gray saprolite with gold mica flakes		
					White, brown, gray saprolite w/ gold mica flakes		
20					Gray, white saprolite		
					Brown, white saprolite w/ gold mica flakes		
25					Pinkish white saprolite		
					White, brown saprolite		
30							
35							
40							
45							
50							
55							

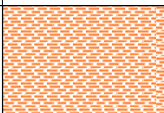


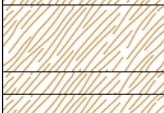
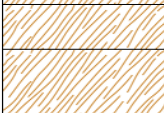
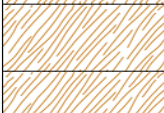
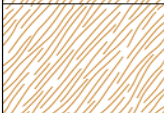
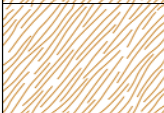
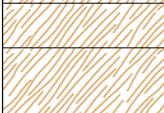
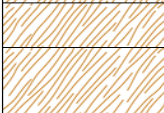
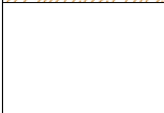


PROJECT:	Grantville Mill	Log of Boring No.		MW-13	
SITE LOCATION:	Grantville, GA	TOP OF CASING ELEVATION (ft):		N/A	
DRILLING CONTRACTOR:	GeoLab	DATE STARTED:	12/18/2015	DATE FINISHED:	12/21/2015
DRILLING METHOD:	Hollow Stem Auger	TOTAL DEPTH (ft.):	53.5	SCREEN INTERVAL (ft.):	43.5-53.5
DRILLING EQUIPMENT:	Geoprobe	DEPTH TO WATER AT TIME OF BORING (ft.):	NM	CASING (ft.):	0-43.5
SAMPLING METHOD:	Macrocore w/ Acetate Liner	BOREHOLE DIAMETER (In.):	4.25	WELL DIAMETER (In.):	2

LOGGED BY: Alex Testoff

DEPTH (feet)	SAMPLES		PID Reading	DESCRIPTION			WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
	Sample No.	Location		Ground Surface Elevation (ft): N/A			
0					Red clay		
5			0.1		Red, gray micaceous clay		
10					Gray, white pink micaceous clay		
					White saprolite		
15			0		Brown, white, pink saprolite		
20			0		Gray, brown, pink saprolite		
25			0		Brown, white saprolite		
30					White, gray saprolite		
35			0.1				
			0		Dark gray, white saprolite		
40							Direct push refusal at ~36 ft bgs. Advanced to ~53.5 ft. bgs using hollow stem auger.
45							
50							
55							Hollow stem auger refusal at ~53.5 ft bgs.

PROJECT:	Grantville Mill	Log of Boring No.		MW-14	
SITE LOCATION:	Grantville, GA	TOP OF CASING ELEVATION (ft):		N/A	
DRILLING CONTRACTOR:	GeoLab	DATE STARTED:	12/17/2015	DATE FINISHED:	12/21/2015
DRILLING METHOD:	Hollow Stem Auger	TOTAL DEPTH (ft.):	48.5	SCREEN INTERVAL (ft.):	38.5-48.5
DRILLING EQUIPMENT:	Geoprobe	DEPTH TO WATER AT TIME OF BORING (ft.):	~24	CASING (ft.):	0-38.5
SAMPLING METHOD:	Macrocore w/ Acetate Liner	BOREHOLE DIAMETER (In.):	4.25	WELL DIAMETER (In.):	2

LOGGED BY: Alex Testoff

DEPTH (feet)	SAMPLES		PID Reading	DESCRIPTION		WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS	
	Sample No.	Location		Ground Surface Elevation (ft): N/A			
0					Red, pink clay with saprolite		Direct push refusal at ~45 ft bgs. Advanced to ~48.5 ft. bgs using hollow stem auger.
5			0		Brown, pink saprolite with clay		
10			0		White, pink saprolite with red clay		
			0		Brown, pink saprolite		
15			0		White, brown saprolite		
			0		Brown, pink, white saprolite		
			0		Brown, white saprolite		
20			0		White, brown, pink saprolite		
25			0		Brown, white saprolite		
			0		White, pink saprolite		
30			0		White, pink, dark gray saprolite		
35			0		Brown, white saprolite with gold mica flakes		
			0		Dark gray, white saprolite with gold mica flakes		
40			0		Gray, white saprolite		
			0		Gray, pink saprolite		
45			0		Brown, white saprolite with gold mica flakes		
50							Hollow stem auger refusal at ~48.5 ft bgs.
55							

PROJECT:	Grantville Mill	Log of Boring No.	MW-15
SITE LOCATION:	Grantville, GA	TOP OF CASING ELEVATION (ft):	N/A
DRILLING CONTRACTOR:	GeoLab	DATE STARTED:	12/18/2015
		DATE FINISHED:	12/21/2015
DRILLING METHOD:	Hollow Stem Auger	TOTAL DEPTH (ft.):	38
		SCREEN INTERVAL (ft.):	28-38
DRILLING EQUIPMENT:	Geoprobe	DEPTH TO WATER AT TIME OF BORING (ft.):	~20
		CASING (ft.):	0-28
SAMPLING METHOD:	Macrocore w/ Acetate Liner	BOREHOLE DIAMETER (In.):	4.25
		WELL DIAMETER (In.):	2

LOGGED BY: Alex Testoff

DEPTH (feet)	SAMPLES		PID Reading	DESCRIPTION			WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
	Sample No.	Location					
				Ground Surface Elevation (ft): N/A			
0					Topsoil		
			0		Red clay		
5							
			0		Red, gray white saprolite (fine grained)		
10							
			0		Saprolite with red micaceous clay		
15							
			0		Gray, red saprolite		
20							
			0.1		Brown, red saprolite		
25							
			0.2		Tan, white saprolite (fine grained)		
30							
			0		Brown, red saprolite		
35							
			0.1		Brown, white saprolite with black mottling		
40							
45							
50							
55							

PROJECT:	Grantville Mill	Log of Boring No.	MW-16
SITE LOCATION:	Grantville, GA	TOP OF CASING ELEVATION (ft):	N/A
DRILLING CONTRACTOR:	Atlas Geo-Sampling	DATE STARTED:	5/17/2016
		DATE FINISHED:	5/17/2016
DRILLING METHOD:	Direct Push/Hollow Stem Auger	TOTAL DEPTH (ft.):	45
		SCREEN INTERVAL (ft.):	35-45
DRILLING EQUIPMENT:	AMS PowerProbe 9510	DEPTH TO WATER AT TIME OF BORING (ft.):	NM
		CASING (ft.):	0-35
SAMPLING METHOD:	Macrocore w/ Acetate Liner	BOREHOLE DIAMETER (In.):	4.25
		WELL DIAMETER (In.):	2

LOGGED BY: Alex Testoff

DEPTH (feet)	SAMPLES		PID Reading	DESCRIPTION		WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
	Sample No.	Location		Ground Surface Elevation (ft): N/A		
0				Topsoil		
5				Red micaceous clay		
			0.2			
			0.4	Orange, brown clayey saprolite		
10			0			
			0.7	Pink, red saprolite		
15			0			
			0			
20			1.2	White, tan, gray, pink saprolite		
25			0.9			
			0.9	Fine-grain tan, pink saprolite w/ black mottling		
30			1.1	Fine-grain. Clayey tan saprolite		
			0.9			
35			0	Fine-grain tan, gray clayey saprolite		
40				No lithology collected.		
45						



PROJECT:	Grantville Mill	Log of Boring No.	SB-1
SITE LOCATION:	Grantville, GA	TOP OF CASING ELEVATION (ft):	N/A
DRILLING CONTRACTOR:	Atlas Geo-Sampling	DATE STARTED:	5/17/2016
DRILLING METHOD:	Direct Push	DATE FINISHED:	5/17/2016
DRILLING EQUIPMENT:	AMS PowerProbe 9510	TOTAL DEPTH (ft.):	20
SAMPLING METHOD:	Macrocore w/ Acetate Liner	DEPTH TO WATER AT TIME OF BORING (ft.):	10
		SCREEN INTERVAL (ft.):	N/A
		CASING (ft.):	N/A
		BOREHOLE DIAMETER (In.):	2.25
		WELL DIAMETER (In.):	N/A

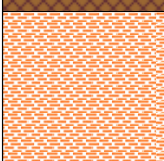
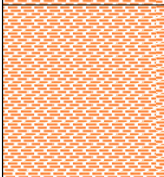


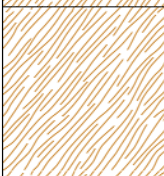
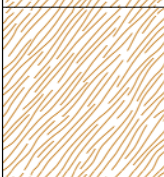
LOGGED BY: Alex Testoff

DEPTH (feet)	SAMPLES		PID Reading	DESCRIPTION			WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS	
	Sample No.	Location		Ground Surface Elevation (ft):				
				N/A				
0	SB-1-5 SB-1-8	<div></div> <div></div> <div></div> <div></div> <div></div> <div></div>		<div></div>	Topsoil		Boring terminated @ ~20 ft. bgs.	
			0	<div></div>	Red micaceous clay			
5			0.4	<div></div>	Red micaceous clay w/ tan saprolite			
			0.9	<div></div>	Orange, tan clay w/ brown, white saprolite (wet ~10 ft. bgs)			
10			0.2	<div></div>	Red, tan clay w/ white saprolite (wet)			
15			0.1	<div></div>	Orange, white clayey saprolite (wet)			
20								
25								



PROJECT:	Grantville Mill	Log of Boring No.	SB-2
SITE LOCATION:	Grantville, GA	TOP OF CASING ELEVATION (ft):	N/A
DRILLING CONTRACTOR:	Atlas Geo-Sampling	DATE STARTED:	5/17/2016
DRILLING METHOD:	Direct Push	DATE FINISHED:	5/17/2016
DRILLING EQUIPMENT:	AMS PowerProbe 9510	TOTAL DEPTH (ft.):	20
SAMPLING METHOD:	Macrocore w/ Acetate Liner	DEPTH TO WATER AT TIME OF BORING (ft.):	11
		SCREEN INTERVAL (ft.):	N/A
		CASING (ft.):	N/A
		BOREHOLE DIAMETER (In.):	2.25
		WELL DIAMETER (In.):	N/A

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DEPTH (feet)	SAMPLES		PID Reading	DESCRIPTION			WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS	
	Sample No.	Location		Ground Surface Elevation (ft):				
				N/A				
0	SB-2-5				Topsoil			
			0		Red, tan micaceous clay			
5			0.1		Orange, red micaceous clay w/ white saprolite			
	SB-2-10		0.5		Orange, red clay w/white saprolite			
10			0.4		Tan, brown clayey saprolite (wet ~11 ft. bgs)			
			0.4		Tan, white, brown saprolite (wet)			
15			0.3		Gray, white saprolite (wet)			
20							Boring terminated @ ~20 ft. bgs.	
25								



PROJECT:	Grantville Mill	Log of Boring No. SB-3			
SITE LOCATION:	Grantville, GA	TOP OF CASING ELEVATION (ft): N/A			
DRILLING CONTRACTOR:	Atlas Geo-Sampling	DATE STARTED:	5/17/2016	DATE FINISHED:	5/17/2016
DRILLING METHOD:	Direct Push	TOTAL DEPTH (ft.):	16	SCREEN INTERVAL (ft.):	N/A
DRILLING EQUIPMENT:	AMS PowerProbe 9510	DEPTH TO WATER AT TIME OF BORING (ft.):	11	CASING (ft.):	N/A
SAMPLING METHOD:	Macrocore w/ Acetate Liner	BOREHOLE DIAMETER (In.):	2.25	WELL DIAMETER (In.):	N/A

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DEPTH (feet)	SAMPLES		PID Reading	DESCRIPTION			WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS	
	Sample No.	Location		Ground Surface Elevation (ft):				
				N/A				
0	SB-3-5		0	Concrete				
			0	Brown micaceous clay				
5			0	Red clay w/ tan, white saprolite				
10	SB-3-10		0	Brown, red clay w/ white saprolite (wet ~11 ft. bgs)				
			0					
15							Boring terminated @ ~16 ft. bgs.	
20								
25								



PROJECT:	Grantville Mill	Log of Boring No. SB-4			
SITE LOCATION:	Grantville, GA	TOP OF CASING ELEVATION (ft): N/A			
DRILLING CONTRACTOR:	Atlas Geo-Sampling	DATE STARTED:	5/18/2016	DATE FINISHED:	5/18/2016
DRILLING METHOD:	Direct Push	TOTAL DEPTH (ft.):	16	SCREEN INTERVAL (ft.):	N/A
DRILLING EQUIPMENT:	AMS PowerProbe 9510	DEPTH TO WATER AT TIME OF BORING (ft.):	12	CASING (ft.):	N/A
SAMPLING METHOD:	Macrocore w/ Acetate Liner	BOREHOLE DIAMETER (In.):	2.25	WELL DIAMETER (In.):	N/A

LOGGED BY: Alex Testoff

DEPTH (feet)	SAMPLES		PID Reading	DESCRIPTION		WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS	
	Sample No.	Location		Ground Surface Elevation (ft): N/A			
0	SB-4-5			Concrete			
0.7							
5			1.3	Red, orange micaceous clay		Boring terminated @ ~16 ft. bgs.	
10	SB-4-10		3.2	Brown clay w/ red, white saprolite			
15			2.7	Red, brown saprolite w/ micaceous clay (wet ~12 ft. bgs)			
20							
25							



PROJECT:	Grantville Mill	Log of Boring No.		SB-5	
SITE LOCATION:	Grantville, GA	TOP OF CASING ELEVATION (ft):		N/A	
DRILLING CONTRACTOR:	Atlas Geo-Sampling	DATE STARTED:	5/18/2016	DATE FINISHED:	5/18/2016
DRILLING METHOD:	Direct Push	TOTAL DEPTH (ft.):	16	SCREEN INTERVAL (ft.):	N/A
DRILLING EQUIPMENT:	AMS PowerProbe 9510	DEPTH TO WATER AT TIME OF BORING (ft.):	11	CASING (ft.):	N/A
SAMPLING METHOD:	Macrocore w/ Acetate Liner	BOREHOLE DIAMETER (In.):	2.25	WELL DIAMETER (In.):	N/A


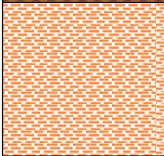

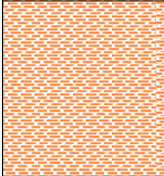
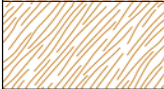
LOGGED BY: Alex Testoff

DEPTH (feet)	SAMPLES		PID Reading	DESCRIPTION			WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS	
	Sample No.	Location		Ground Surface Elevation (ft):				
				N/A				
0	SB-5-5		1.3		Concrete			
					No recovery			
5	SB-5-10		2.2		Orange micaceous clay			
					Orange, brown micaceous clay			
10					Orange, tan clay (wet ~11 ft. bgs)			
					Orange, tan clay w/ white saprolite (saturated)			
15			2.8					
20								
25								
							Boring terminated @ ~16 ft. bgs.	



PROJECT:	Grantville Mill	Log of Boring No.	SB-6
SITE LOCATION:	Grantville, GA	TOP OF CASING ELEVATION (ft):	N/A
DRILLING CONTRACTOR:	Atlas Geo-Sampling	DATE STARTED:	5/18/2016
DRILLING METHOD:	Hand Auger	DATE FINISHED:	5/18/2016
DRILLING EQUIPMENT:	Hand Auger	TOTAL DEPTH (ft.):	10
SAMPLING METHOD:	Hand Auger	DEPTH TO WATER AT TIME OF BORING (ft.):	10
		SCREEN INTERVAL (ft.):	N/A
		CASING (ft.):	N/A
		BOREHOLE DIAMETER (In.):	2.25
		WELL DIAMETER (In.):	N/A


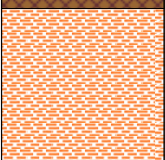

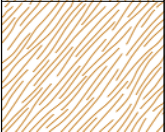
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DEPTH (feet)	SAMPLES		PID Reading	DESCRIPTION			WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS	
	Sample No.	Location		Ground Surface Elevation (ft): N/A				
0	SB-6-5		1.8		Topsoil		Boring terminated @ ~10 ft. bgs.	
					Red micaceous clay			
5		1.2		Red micaceous clay w/ white saprolite				
					White, orange saprolite w/ red clay (wet ~10 ft. bgs)			
10	SB-6-9							
15								
20								
25								



PROJECT:	Grantville Mill	Log of Boring No.	SB-7
SITE LOCATION:	Grantville, GA	TOP OF CASING ELEVATION (ft):	N/A
DRILLING CONTRACTOR:	Atlas Geo-Sampling	DATE STARTED:	5/18/2016
DRILLING METHOD:	Hand Auger	DATE FINISHED:	5/18/2016
DRILLING EQUIPMENT:	Hand Auger	TOTAL DEPTH (ft.):	10.5
SAMPLING METHOD:	Hand Auger	DEPTH TO WATER AT TIME OF BORING (ft.):	10.5
		SCREEN INTERVAL (ft.):	N/A
		CASING (ft.):	N/A
		BOREHOLE DIAMETER (In.):	2.25
		WELL DIAMETER (In.):	N/A

LOGGED BY:	Alex Testoff
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DEPTH (feet)	SAMPLES		PID Reading	DESCRIPTION			WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS	
	Sample No.	Location		Ground Surface Elevation (ft): N/A				
0	SB-7-5				Topsoil		Boring terminated @ ~10.5 ft. bgs.	
			0.8		Red micaceous clay w/ white, pink saprolite			
5	1.5		White, pink, red saprolite					
10	1.2		White, tan, red saprolite (wet ~10.5 ft. bgs)					
15								
20								
25								





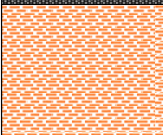
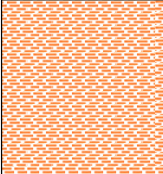
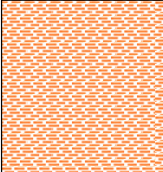
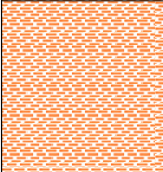
PROJECT:	Grantville Mill	Log of Boring No.	SB-8
SITE LOCATION:	Grantville, GA	TOP OF CASING ELEVATION (ft):	N/A
DRILLING CONTRACTOR:	Atlas Geo-Sampling	DATE STARTED:	5/18/2016
DRILLING METHOD:	Direct Push	DATE FINISHED:	5/18/2016
DRILLING EQUIPMENT:	AMS PowerProbe 9100-VTR	TOTAL DEPTH (ft.):	16
SAMPLING METHOD:	Macrocore w/ Acetate Liner	SCREEN INTERVAL (ft.):	N/A
		DEPTH TO WATER AT TIME OF BORING (ft.):	15.5
		CASING (ft.):	N/A
		BOREHOLE DIAMETER (In.):	2.25
		WELL DIAMETER (In.):	N/A

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DEPTH (feet)	SAMPLES		PID Reading	DESCRIPTION		WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS		
	Sample No.	Location		Ground Surface Elevation (ft):				N/A
0	SB-8-2		16.4			Boring terminated @ ~16 ft. bgs.		
5								
10								
15	SB-8-14		215					
20								
25								

PROJECT:	Grantville Mill	Log of Boring No.		SB-9	
SITE LOCATION:	Grantville, GA	TOP OF CASING ELEVATION (ft):		N/A	
DRILLING CONTRACTOR:	Atlas Geo-Sampling	DATE STARTED:	5/18/2016	DATE FINISHED:	5/18/2016
DRILLING METHOD:	Direct Push	TOTAL DEPTH (ft.):	16	SCREEN INTERVAL (ft.):	N/A
DRILLING EQUIPMENT:	AMS PowerProbe 9100-VTR	DEPTH TO WATER AT TIME OF BORING (ft.):	15	CASING (ft.):	N/A
SAMPLING METHOD:	Macrocore w/ Acetate Liner	BOREHOLE DIAMETER (In.):	2.25	WELL DIAMETER (In.):	N/A

LOGGED BY: Alex Testoff

DEPTH (feet)	SAMPLES		PID Reading	DESCRIPTION			WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS	
	Sample No.	Location						
				Ground Surface Elevation (ft): N/A				
0	SB-9-2		4.5		Wood floor		Boring terminated @ ~16 ft. bgs.	
					Fill material			
					Orange, brown micaceous clay			
5			13.2		Tan, brown micaceous clay w/ black mottling			
10			6.4		Orange, tan micaceous clay w/ white saprolite			
15	SB-9-13.5		31.7		Orange, tan micaceous clay w/ tan saprolite (wet ~15 ft. bgs)			
20								
25								



PROJECT:	Grantville Mill	Log of Boring No.	SB-10
SITE LOCATION:	Grantville, GA	TOP OF CASING ELEVATION (ft):	N/A
DRILLING CONTRACTOR:	Atlas Geo-Sampling	DATE STARTED:	5/18/2016
DRILLING METHOD:	Direct Push	DATE FINISHED:	5/18/2016
DRILLING EQUIPMENT:	AMS PowerProbe 9100-VTR	TOTAL DEPTH (ft.):	16
SAMPLING METHOD:	Macrocore w/ Acetate Liner	SCREEN INTERVAL (ft.):	N/A
		DEPTH TO WATER AT TIME OF BORING (ft.):	15
		CASING (ft.):	N/A
		BOREHOLE DIAMETER (In.):	2.25
		WELL DIAMETER (In.):	N/A


LOGGED BY: Alex Testoff

DEPTH (feet)	SAMPLES		PID Reading	DESCRIPTION		WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS	
	Sample No.	Location					
				Ground Surface Elevation (ft): N/A			
0	SB-10-2			Wood floor			
				Fill material			
		1.3					
5		2.7		Red micaceous clay			
10		6.8		Orange, brown micaceous clay			
15	SB-10-13.5			Orange, tan micaceous clay w/ tan saprolite (wet ~15 ft. bgs)		Boring terminated @ ~16 ft. bgs.	
		16.7					
20							
25							



PROJECT:	Grantville Mill	Log of Boring No.		SB-11/TW-1	
SITE LOCATION:	Grantville, GA	TOP OF CASING ELEVATION (ft):		N/A	
DRILLING CONTRACTOR:	Atlas Geo-Sampling	DATE STARTED:	5/19/2016	DATE FINISHED:	5/19/2016
DRILLING METHOD:	Direct Push	TOTAL DEPTH (ft.):	25	SCREEN INTERVAL (ft.):	15-25
DRILLING EQUIPMENT:	AMS PowerProbe 9100-VTR	DEPTH TO WATER AT TIME OF BORING (ft.):	13	CASING (ft.):	0-15
SAMPLING METHOD:	Macrocore w/ Acetate Liner	BOREHOLE DIAMETER (In.):	2.25	WELL DIAMETER (In.):	0.75

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DEPTH (feet)	SAMPLES		PID Reading	DESCRIPTION		WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS	
	Sample No.	Location		Ground Surface Elevation (ft):			
				N/A			
0	SB-11-2			Wood floor			
			22.3	Fill material			
	SB-11-12			Orange, brown micaceous clay			Pre-packed screen.
5			25	Orange, tan micaceous clay			
			27.8	Orange micaceous clay w/ tan saprolite			
10			29.1	Tan, dark brown, micaceous clayey saprolite (wet ~13 ft. bgs)			
15			40.2	Tan, brown saprolite			
20			50.9				
							Direct push refusal @ ~20 ft. bgs.
25							
30							
35							
40							
45							



PROJECT:	Grantville Mill	Log of Boring No.	SB-12
SITE LOCATION:	Grantville, GA	TOP OF CASING ELEVATION (ft):	N/A
DRILLING CONTRACTOR:	Atlas Geo-Sampling	DATE STARTED:	5/19/2016
DRILLING METHOD:	Direct Push	DATE FINISHED:	5/19/2016
DRILLING EQUIPMENT:	AMS PowerProbe 9100-VTR	TOTAL DEPTH (ft.):	16
SAMPLING METHOD:	Macrocore w/ Acetate Liner	SCREEN INTERVAL (ft.):	N/A
		DEPTH TO WATER AT TIME OF BORING (ft.):	15
		CASING (ft.):	N/A
		BOREHOLE DIAMETER (In.):	2.25
		WELL DIAMETER (In.):	N/A

LOGGED BY: Alex Testoff

DEPTH (feet)	SAMPLES		PID Reading	DESCRIPTION			WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS	
	Sample No.	Location		Ground Surface Elevation (ft):				
				N/A				
0	SB-12-2		0		Wood floor			
					Fill material			
					Orange micaceous clay			
5			1.4					
10			7.9		Orange, brown micaceous clay			
15	SB-12-13.5		10.2				Boring terminated @ ~16 ft. bgs.	
					Tan, orange clayey saprolite (wet ~15 ft. bgs)			
20								
25								



PROJECT:	Grantville Mill	Log of Boring No.	SB-13
SITE LOCATION:	Grantville, GA	TOP OF CASING ELEVATION (ft):	N/A
DRILLING CONTRACTOR:	Atlas Geo-Sampling	DATE STARTED:	5/19/2016
DRILLING METHOD:	Direct Push	DATE FINISHED:	5/19/2016
DRILLING EQUIPMENT:	AMS PowerProbe 9100-VTR	TOTAL DEPTH (ft.):	16
SAMPLING METHOD:	Macrocore w/ Acetate Liner	SCREEN INTERVAL (ft.):	N/A
		DEPTH TO WATER AT TIME OF BORING (ft.):	13
		CASING (ft.):	N/A
		BOREHOLE DIAMETER (In.):	2.25
		WELL DIAMETER (In.):	N/A



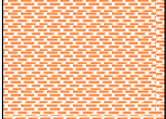
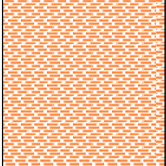
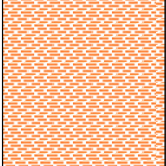
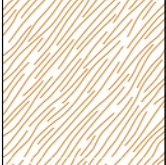
LOGGED BY: Alex Testoff

DEPTH (feet)	SAMPLES		PID Reading	DESCRIPTION		WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS	
	Sample No.	Location					
				Ground Surface Elevation (ft):		N/A	
0	SB-13-2			Wood floor			
				Fill material			
			0.3				
5	SB-13-12		0.5	Orange, red micaceous clay		Boring terminated @ ~16 ft. bgs.	
			0.9	Red, orange, tan micaceous clay			
			1.2	Brown, red, tan micaceous clay (wet ~13 ft. bgs)			
20							
25							



PROJECT:	Grantville Mill	Log of Boring No.	SB-14
SITE LOCATION:	Grantville, GA	TOP OF CASING ELEVATION (ft):	N/A
DRILLING CONTRACTOR:	Atlas Geo-Sampling	DATE STARTED:	5/19/2016
DRILLING METHOD:	Direct Push	DATE FINISHED:	5/19/2016
DRILLING EQUIPMENT:	AMS PowerProbe 9100-VTR	TOTAL DEPTH (ft.):	16
SAMPLING METHOD:	Macrocore w/ Acetate Liner	SCREEN INTERVAL (ft.):	N/A
		DEPTH TO WATER AT TIME OF BORING (ft.):	13
		CASING (ft.):	N/A
		BOREHOLE DIAMETER (In.):	2.25
		WELL DIAMETER (In.):	N/A

LOGGED BY: Alex Testoff

DEPTH (feet)	SAMPLES		PID Reading	DESCRIPTION		WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS	
	Sample No.	Location		Ground Surface Elevation (ft):			
				N/A			
0	SB-14-2				Wood floor		Boring terminated @ ~16 ft. bgs.
					Fill material		
		1.6		Orange micaceous clay			
5		0.8		Orange, tan micaceous clay			
10	SB-14-12	1.5		Orange micaceous clay w/ tan saprolite @ 12 ft. bgs			
		1.3		Tan, pink, white clayey saprolite (wet ~13 ft. bgs)			
15							
20							
25							



PROJECT:	Grantville Mill	Log of Boring No.	SB-15
SITE LOCATION:	Grantville, GA	TOP OF CASING ELEVATION (ft):	N/A
DRILLING CONTRACTOR:	Atlas Geo-Sampling	DATE STARTED:	5/19/2016
DRILLING METHOD:	Direct Push	DATE FINISHED:	5/19/2016
DRILLING EQUIPMENT:	AMS PowerProbe 9100-VTR	TOTAL DEPTH (ft.):	16
SAMPLING METHOD:	Macrocore w/ Acetate Liner	SCREEN INTERVAL (ft.):	N/A
		DEPTH TO WATER AT TIME OF BORING (ft.):	13
		CASING (ft.):	N/A
		BOREHOLE DIAMETER (In.):	2.25
		WELL DIAMETER (In.):	N/A

LOGGED BY: Alex Testoff

DEPTH (feet)	SAMPLES		PID Reading	DESCRIPTION			WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS	
	Sample No.	Location		Ground Surface Elevation (ft):				
				N/A				
0	SB-15-2			Wood floor			Boring terminated @ ~16 ft. bgs.	
				Fill material				
		0.7						
5	SB-15-12		1.5	Red, orange micaceous clay				
			2.7	Red micaceous clay w/ white saprolite				
			3.1	Tan, orange micaceous clay (wet ~13 ft. bgs)				
15								
20								
25								

PROJECT:	Grantville Mill	Log of Boring No.	SB-16
SITE LOCATION:	Grantville, GA	TOP OF CASING ELEVATION (ft):	N/A
DRILLING CONTRACTOR:	Atlas Geo-Sampling	DATE STARTED:	5/19/2016
DRILLING METHOD:	Direct Push	DATE FINISHED:	5/19/2016
DRILLING EQUIPMENT:	AMS PowerProbe 9100-VTR	TOTAL DEPTH (ft.):	16
SAMPLING METHOD:	Macrocore w/ Acetate Liner	SCREEN INTERVAL (ft.):	N/A
		DEPTH TO WATER AT TIME OF BORING (ft.):	14
		CASING (ft.):	N/A
		BOREHOLE DIAMETER (In.):	2.25
		WELL DIAMETER (In.):	N/A

LOGGED BY: Alex Testoff

DEPTH (feet)	SAMPLES		PID Reading	DESCRIPTION			WELL CONSTRUCTION DETAILS AND/OR DRILLING REMARKS
	Sample No.	Location		Ground Surface Elevation (ft): N/A			
0	SB-16-2				Wood floor		Boring terminated @ ~16 ft. bgs.
					Fill material		
			21.3				
5	SB-16-12		27.2		Orange, tan micaceous clay		
			29.4		Orange, tan micaceous clay w/ tan saprolite		
			28.6		Red, pink, white saprolite (wet ~14 ft. bgs)		
15							
20							
25							



**ARDAMAN & ASSOCIATES, INC.**Geotechnical, Environmental and
Materials Consultants**BORING LOG****GENERAL DATA**

MW-5D

DEPTH FT.	BLOWS PER 6"	'N' VALUE	SAMPLE NO.	DESCRIPTION OF MATERIAL	% RECOVERY
			(14)		
5	1 1/2	4	(1)		
	2 3/4	8	(2)		
10	2 3/4	12	(3)		
15	3 1/4	9	(4)		
20	2 3/4	12	(5)		
	4 5/8	11	(6)		
25	2 3/4	7	(7)		
30	3 3/4	7	(8)		
35	12				

4"
pvcFILE NO. M-40-1081
CLIENT: C.C.B. G.
SITE: Grantville Ga
HOLE NO. MW-5 SHEET 1 OF 1
LOCATION OF BORING per plan 1/2DATE 5/7/14**CASING:**INSIDE DIAMETER _____ IN.
OUTSIDE DIAMETER _____ IN.
DEPTH OF CASING _____ FT.**SPOON:**INSIDE DIAMETER 1.5 IN.
OUTSIDE DIAMETER 2.0 IN.**HAMMER:**HAMMER WEIGHT 140 LB.
DROP OF HAMMER 30 IN.**ELEVATION:**

GROUND SURFACE _____ FT.

GWL:DATE 1st _____
DATE 2nd _____
ACTUAL ELEVATION _____**DRILLING CREW:**JD 1
TBL
SM 14**REMARKS:**

**ARDAMAN & ASSOCIATES, INC.**Geotechnical, Environmental and
Materials Consultants

FILE NO. 14-40-1081

BORING NO. MW-50

SHEET 2 OF

DEPTH FT.	BLOWS PER 6"	'N' VALUE	SAMPLE NO.	DESCRIPTION OF MATERIAL	% RECOVERY	DEPTH FT.	BLOWS PER 6"	'N' VALUE	SAMPLE NO.	DESCRIPTION OF MATERIAL	% RECOVERY
14 15	29	(9)		4" PVC ↓							
40 41	32	(10)		— hand drilling @ 42		75					
45 46	50	5" (11)		— softer @ 46'		80					
50 51	5	(12)				85					
55 56	10 12	26 (13)				90					
60 61	12 15	20 35 (14)				95					
65						100					
70						105					

APPENDIX D

Monitoring Well Sampling Forms

[illegible]

Monitoring Well Sampling Form

EPS Project: Grantville Mill

Date: 6-21-16

Well ID: 1W-1

Field Conditions: indoor

Sampling Performed By: Alex Testoff

Well Construction: Flush mount

Well Labeled: no Well Cap: yes Well Locked: no

General Condition of Well: *good*

Well depth from TOC: 20.12

Condition of surrounding area: wood flooring

Well Diameter (in): 3/4"

Depth to Water from TOC: 12.39

Height (Ht) of water in well (Well depth from TOC - Static level from TOC):

Method of measure: Water Level Meter

Volume of water in well (Ht. x(.16 for 2")(.653 for 4") (1.469 for 6")): 0.18 gal

7.73

Purging Method: low flow low stress

Three Well Volumes (gal): 0.53

Sample Method: direct / steam

Time @ Start of Purge: 1050

Sample method: Handwritten / dictated / software

Sample Parameters: well development

[illegible]

Sample ID: _____

Time Collected:

Technician Signature

Alex Schaff

APPENDIX E

Groundwater Laboratory Analytical Reports



ANALYTICAL ENVIRONMENTAL SERVICES, INC.

May 26, 2016

Aaron Williams
Environmental Planning Specialists, Inc.
1050 Crown Pointe Parkway, Suite 550
Atlanta GA 30338

TEL: (404) 315-9113
FAX: (404) 315-8509

RE: Grantville Mill

Dear Aaron Williams:

Order No: 1605G05

Analytical Environmental Services, Inc. received 2 samples on 5/19/2016 4:20:00 PM for the analyses presented in following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative.

AES' certifications are as follows:

-NELAC/Florida Certification number E87582 for analysis of Air & Emissions for Volatile Organics effective 07/01/15-06/30/16.

These results relate only to the items tested. This report may only be reproduced in full.

If you have any questions regarding these test results, please feel free to call.

Sincerely,

Chantelle Kanhai
Project Manager



APPENDIX

Compound	CAS #	Alternate Name	TO-14A	TO-15	SOP
Acetone	67-64-1				X
Allyl chloride	107-05-1	3-Chloropropene		X	
Benzene	71-43-2		X	X	
Benzyl chloride	100-44-7		X	X	
Bromodichloromethane	75-27-4	Dichlorobromomethane			X
Bromoform	75-25-2	Tribromomethane		X	
Bromomethane	74-83-9	Methyl bromide	X	X	
1,3-Butadiene	106-99-0			X	
Carbon disulfide	75-15-0			X	
Carbon tetrachloride	56-23-5		X	X	
Chlorobenzene	108-90-7		X	X	
Chloroethane	75-00-3	Ethyl chloride	X	X	
Chloroform	67-66-3		X	X	
Chloromethane	74-87-3	Methyl chloride	X	X	
Cyclohexane	110-82-7				X
Dibromochloromethane	124-48-1	Chlorodibromomethane			X
1,2-Dibromoethane	106-93-4	EDB/Ethylene dibromide	X	X	
1,2-Dichlorobenzene	95-50-1	<i>o</i> -Dichlorobenzene	X	X	
1,3-Dichlorobenzene	541-73-1	<i>m</i> -Dichlorobenzene	X	X	
1,4-Dichlorobenzene	106-46-7	<i>p</i> -Dichlorobenzene	X	X	
Dichlorodifluoromethane	75-71-8	Freon-12	X		
1,1-Dichloroethane	75-34-3		X	X	
1,2-Dichloroethane	107-06-2		X	X	
1,1-Dichloroethene	75-35-4	1,1-Dichloroethylene	X	X	
<i>cis</i> -1,2-Dichloroethene	156-59-2	<i>cis</i> -1,2-Dichloroethylene	X	X	
<i>trans</i> -1,2-Dichloroethene	156-60-5	<i>trans</i> -1,2-Dichloroethylene		X	
1,2-Dichloropropane	78-87-5		X	X	
<i>cis</i> -1,3-Dichloropropene	10061-01-5		X	X	
<i>trans</i> -1,3-Dichloropropene	10061-02-6		X	X	
1,2-Dichloro-1,1,2,2-tetrafluoroethane	76-14-2	Freon-114	X		
1,4-Dioxane	123-91-1	1,4-Diethylene oxide		X	
Ethyl acetate	141-78-6	Acetic acid, ethyl ester			X
Ethylbenzene	100-41-4		X	X	
4-Ethyltoluene	622-96-8				X
n-Heptane	142-82-5	Heptane			X
Hexachlorobutadiene	87-68-3	Hexachloro-1,3-butadiene	X	X	



n-Hexane	110-54-3	Hexane		X	
Compound	CAS #	Alternate Name	TO-14A	TO-15	SOP
2-Hexanone	591-78-6	Methyl butyl ketone			X
Methylene chloride	75-09-2	Dichloromethane	X	X	
Methyl tert-butyl ether	1634-04-4	MTBE		X	
Methyl ethyl ketone	78-93-3	MEK/2-Butanone		X	
Methyl isobutyl ketone	108-10-1	4-Methyl-2-pentanone		X	
2-Propanol	67-63-0	Isopropanol/Isopropyl alcohol			X
Propene	115-07-1	Propylene			X
Styrene	100-42-5			X	
1,1,2,2-Tetrachloroethane	79-34-5		X	X	
Tetrachloroethene	127-18-4	Tetrachloroethylene	X	X	
Tetrahydrofuran	109-99-9				X
Toluene	108-88-3			X	
1,2,4-Trichlorobenzene	120-82-1			X	
1,1,1-Trichloroethane	74-55-6			X	
1,1,2-Trichloroethane	79-00-5			X	
Trichloroethene	79-01-6	Trichloroethylene		X	
Trichlorofluoromethane	75-69-4	Freon-11	X		
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	Freon-113	X		
1,2,4-Trimethylbenzene	95-63-6		X	X	
1,3,5-Trimethylbenzene	108-67-8		X	X	
2,2,4-Trimethylpentane	540-84-1	Isooctane		X	
Vinyl acetate	108-05-04			X	
Vinyl bromide	593-60-2	Bromoethene		X	
Vinyl chloride	75-01-4	Chloroethene	X	X	
Xylenes, Total	1330-20-7		X	X	
m/p-Xylene	179601-23-1		X	X	
o-Xylene	95-47-6		X	X	



ANALYTICAL ENVIRONMENTAL SERVICES, INC

3080 Presidential Drive, Atlanta GA 30340-3704

TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

VAPOR/AIR CHAIN OF CUSTODY

Work Order #:

1605605

Page 1 of 2

Company: EPS Inc.		Address: 1050 Crown Pointe Pkwy Ste. 550 Atlanta, GA 30338				Bottle Order #: 74017				Turnaround Time (Circle One): <u>Standard</u> 3 Day Rush 2 Day Rush Other												
Phone: 404 315 9113		Fax:				Sample Matrix*		Canister Serial #	Flow Controller ID	Canister Pressure In Field ("Hg) Start	Canister Pressure In Field ("Hg) Stop	ANALYSIS REQUESTED										Remarks
Sampled by: Alex Testoff		Signature: Alex Testoff										TO-15										
#	Sample ID	Sample Start		Sample Finish																		
		Date	Time (24hr)	Date	Time (24 hr)																	
1	16139-IA-1	5-18-16	1012	5-19-16	1012	IA	17458	01158	>30	4	X											
2	16139-IA-2	5-18-16	1017	5-19-16	1017	IA	18892	01151	>30	6.5	X											
3																						
4																						
5																						
6																						
7																						
8																						
9																						
10																						

SPECIAL INSTRUCTIONS/COMMENTS: If specialized list is required, list analytes here:	RELINQUISHED BY:	DATE/TIME:	RECEIVED BY:	DATE/TIME:	PROJECT INFORMATION	
	1: Alex Testoff	5-19-16 1620	1: Jessica Ahlberg	5/19/16 4:20 pm	PROJECT NAME: Grantville Mill	
	2:		2:		PROJECT #:	
	3:		3:		SITE ADDRESS: Grantville, GA	
	SHIPMENT METHOD				SEND REPORT TO: awilliams@envplanning.com & atestoff@envplanning.com	
OUT / / VIA: IN / / VIA: CLIENT FedEx UPS MAIL COURIER GREYHOUND OTHER				INVOICE TO: (IF DIFFERENT FROM ABOVE)		
				PO#:		
				STATE PROGRAM (if any):		
				E-mail? Y / N Fax? Y / N		
				QUOTE #:		
				DATA PACKAGE: I II III IV		

SAMPLES RECEIVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS RECEIVED ON THE NEXT BUSINESS DAY; IF NO TAT IS MARKED ON COC, AES WILL PROCEED AS STANDARD TAT.

Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.

*SAMPLE MATRIX: IA = Indoor Air AA = Ambient Air SS = Subslab SV = Soil Vapor O = Other (specify)

AES, Inc., assumes no liability with respect to the collection and shipment of these samples.

Page 4 of 19

White Copy - Original - Blue Copy - Client



ANALYTICAL ENVIRONMENTAL SERVICES, INC

3080 Presidential Drive, Atlanta GA 30340-3704

AES

TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

VAPOR/AIR FIELD TEST DATA SHEET

Work Order #: 1005605

Page 2 of 2

Company: EPS Inc.		Address: 1050 Crown Pointe Pkwy Ste 550 Atlanta, GA 30338		Project Name: Grantville Mill				Project Number:								
Phone: 404 315 9113		Fax:		Site Address: 41 Industrial Way Grantville, GA												
Sampled by: Alex Testoff		Signature: Alex Testoff		SAMPLING INFORMATION												
#	Sample ID	Canister Serial #	Flow Controller ID#	Canister Cert. ID#	Date	Time (24hr)	Canister Pressure in Field ("Hg)	Flow Control Readout (mL/min)	Temperature		Date	Time (24hr)	Canister Pressure in Field ("Hg)	Flow Control Readout (mL/min)	Temperature	
									Interior (°F)	Ambient (°F)					Interior (°F)	Ambient (°F)
1	16139-IA-1	17458	01158	223156	5-18-16	1012	>30	24 hr	68	—	5-19-16	1012	4	24 hr	68	—
2	16139-IA-2	18892	01151	221285	5-18-16	1017	>30	24 hr	68	—	5-19-16	1017	6.5	24 hr	68	—
3																
4																
5																
6																
7																
8																
9																
10																

Date Shipped Out From Lab: Alex Testoff 1620 5-19-16

Date Received Back To Lab: Jessica Shulley 5/19/16 4:20 pm

Weather Conditions: Indoor

Ambient Temp Avg: _____

Ambient Temp High/Low: _____

Indoor Air Temp Avg: _____

Barometric Pressure: _____

Wind Speed/Direction: _____

Other: _____

Field Notes:

Client: _____

Client: Environmental Planning Specialists, Inc.
Project: Grantville Mill
Lab ID: 1605G05

Case Narrative

Volatiles Organic Compounds Analysis by Method TO-15:

Benzene was detected in Method Blank 224402 at 0.29 ppbv which was above reporting limit of 0.2 ppbv resulting in "B" qualified data for the Batch QC samples. Associated sample values were less than reporting limit and data is reportable with high bias.

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1605G05-001

Client Sample ID: 16139-IA-1
Collection Date: 5/19/2016 10:12:00 AM
Matrix: Air

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Toxic Organic Compounds in Air by GCMS		TO-15						
1,1,1-Trichloroethane	BRL	1.1		ug/m3	224402	2	05/25/2016 15:15	MD
1,1,2,2-Tetrachloroethane	BRL	1.4		ug/m3	224402	2	05/25/2016 15:15	MD
1,1,2-Trichloroethane	BRL	1.1		ug/m3	224402	2	05/25/2016 15:15	MD
1,1-Dichloroethane	BRL	0.81		ug/m3	224402	2	05/25/2016 15:15	MD
1,1-Dichloroethene	BRL	0.79		ug/m3	224402	2	05/25/2016 15:15	MD
1,2,4-Trichlorobenzene	BRL	1.5		ug/m3	224402	2	05/25/2016 15:15	MD
1,2,4-Trimethylbenzene	BRL	0.98		ug/m3	224402	2	05/25/2016 15:15	MD
1,2-Dibromoethane	BRL	1.5		ug/m3	224402	2	05/25/2016 15:15	MD
1,2-Dichlorobenzene	BRL	1.2		ug/m3	224402	2	05/25/2016 15:15	MD
1,2-Dichloroethane	BRL	0.81		ug/m3	224402	2	05/25/2016 15:15	MD
1,2-Dichloropropane	BRL	0.92		ug/m3	224402	2	05/25/2016 15:15	MD
1,3,5-Trimethylbenzene	BRL	0.98		ug/m3	224402	2	05/25/2016 15:15	MD
1,3-Butadiene	BRL	0.44		ug/m3	224402	2	05/25/2016 15:15	MD
1,3-Dichlorobenzene	BRL	1.2		ug/m3	224402	2	05/25/2016 15:15	MD
1,4-Dichlorobenzene	BRL	1.2		ug/m3	224402	2	05/25/2016 15:15	MD
1,4-Dioxane	BRL	0.72		ug/m3	224402	2	05/25/2016 15:15	MD
2,2,4-Trimethylpentane	BRL	0.93		ug/m3	224402	2	05/25/2016 15:15	MD
2-Butanone	1.4	0.59		ug/m3	224402	2	05/25/2016 15:15	MD
2-Hexanone	BRL	0.82		ug/m3	224402	2	05/25/2016 15:15	MD
4-Ethyltoluene	BRL	0.98		ug/m3	224402	2	05/25/2016 15:15	MD
4-Methyl-2-pentanone	BRL	0.82		ug/m3	224402	2	05/25/2016 15:15	MD
Acetone	26	0.48		ug/m3	224402	2	05/25/2016 15:15	MD
Allyl chloride	BRL	0.63		ug/m3	224402	2	05/25/2016 15:15	MD
Benzene	BRL	0.64		ug/m3	224402	2	05/25/2016 15:15	MD
Benzyl chloride	BRL	1.0		ug/m3	224402	2	05/25/2016 15:15	MD
Bromodichloromethane	BRL	1.3		ug/m3	224402	2	05/25/2016 15:15	MD
Bromoform	BRL	2.1		ug/m3	224402	2	05/25/2016 15:15	MD
Bromomethane	BRL	0.78		ug/m3	224402	2	05/25/2016 15:15	MD
Carbon disulfide	BRL	0.62		ug/m3	224402	2	05/25/2016 15:15	MD
Carbon tetrachloride	BRL	1.3		ug/m3	224402	2	05/25/2016 15:15	MD
Chlorobenzene	BRL	0.92		ug/m3	224402	2	05/25/2016 15:15	MD
Chloroethane	BRL	0.53		ug/m3	224402	2	05/25/2016 15:15	MD
Chloroform	BRL	0.98		ug/m3	224402	2	05/25/2016 15:15	MD
Chloromethane	0.99	0.41		ug/m3	224402	2	05/25/2016 15:15	MD
cis-1,2-Dichloroethene	BRL	0.79		ug/m3	224402	2	05/25/2016 15:15	MD
cis-1,3-Dichloropropene	BRL	0.91		ug/m3	224402	2	05/25/2016 15:15	MD
Cyclohexane	BRL	0.69		ug/m3	224402	2	05/25/2016 15:15	MD
Dibromochloromethane	BRL	1.7		ug/m3	224402	2	05/25/2016 15:15	MD
Dichlorodifluoromethane	1.9	0.99		ug/m3	224402	2	05/25/2016 15:15	MD
Ethyl acetate	BRL	0.72		ug/m3	224402	2	05/25/2016 15:15	MD
Ethylbenzene	BRL	0.87		ug/m3	224402	2	05/25/2016 15:15	MD

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1605G05-001

Client Sample ID: 16139-IA-1
Collection Date: 5/19/2016 10:12:00 AM
Matrix: Air

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Toxic Organic Compounds in Air by GCMS		TO-15						
Freon-113	BRL	1.5		ug/m3	224402	2	05/25/2016 15:15	MD
Freon-114	BRL	1.4		ug/m3	224402	2	05/25/2016 15:15	MD
Hexachlorobutadiene	BRL	2.1		ug/m3	224402	2	05/25/2016 15:15	MD
m,p-Xylene	BRL	1.7		ug/m3	224402	2	05/25/2016 15:15	MD
Methyl tert-butyl ether	BRL	0.72		ug/m3	224402	2	05/25/2016 15:15	MD
Methylene chloride	3.0	0.69		ug/m3	224402	2	05/25/2016 15:15	MD
n-Heptane	BRL	0.82		ug/m3	224402	2	05/25/2016 15:15	MD
n-Hexane	BRL	0.70		ug/m3	224402	2	05/25/2016 15:15	MD
o-Xylene	BRL	0.87		ug/m3	224402	2	05/25/2016 15:15	MD
Propene	BRL	0.34		ug/m3	224402	2	05/25/2016 15:15	MD
Styrene	BRL	0.85		ug/m3	224402	2	05/25/2016 15:15	MD
Tetrachloroethene	BRL	1.4		ug/m3	224402	2	05/25/2016 15:15	MD
Tetrahydrofuran	3.2	0.59		ug/m3	224402	2	05/25/2016 15:15	MD
Toluene	0.87	0.75		ug/m3	224402	2	05/25/2016 15:15	MD
trans-1,2-Dichloroethene	BRL	0.79		ug/m3	224402	2	05/25/2016 15:15	MD
trans-1,3-Dichloropropene	BRL	0.91		ug/m3	224402	2	05/25/2016 15:15	MD
Trichloroethene	BRL	1.1		ug/m3	224402	2	05/25/2016 15:15	MD
Trichlorofluoromethane	BRL	1.1		ug/m3	224402	2	05/25/2016 15:15	MD
Vinyl acetate	BRL	0.70		ug/m3	224402	2	05/25/2016 15:15	MD
Vinyl bromide	BRL	0.87		ug/m3	224402	2	05/25/2016 15:15	MD
Vinyl chloride	BRL	0.51		ug/m3	224402	2	05/25/2016 15:15	MD
Xylenes, Total	BRL	2.6		ug/m3	224402	2	05/25/2016 15:15	MD
Surr: 4-Bromofluorobenzene	96.8	70-130		%REC	224402	2	05/25/2016 15:15	MD

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1605G05-002

Client Sample ID: 16139-IA-2
Collection Date: 5/18/2016 10:17:00 AM
Matrix: Air

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Toxic Organic Compounds in Air by GCMS		TO-15						
1,1,1-Trichloroethane	BRL	1.1		ug/m3	224402	2	05/25/2016 16:13	MD
1,1,2,2-Tetrachloroethane	BRL	1.4		ug/m3	224402	2	05/25/2016 16:13	MD
1,1,2-Trichloroethane	BRL	1.1		ug/m3	224402	2	05/25/2016 16:13	MD
1,1-Dichloroethane	BRL	0.81		ug/m3	224402	2	05/25/2016 16:13	MD
1,1-Dichloroethene	BRL	0.79		ug/m3	224402	2	05/25/2016 16:13	MD
1,2,4-Trichlorobenzene	BRL	1.5		ug/m3	224402	2	05/25/2016 16:13	MD
1,2,4-Trimethylbenzene	BRL	0.98		ug/m3	224402	2	05/25/2016 16:13	MD
1,2-Dibromoethane	BRL	1.5		ug/m3	224402	2	05/25/2016 16:13	MD
1,2-Dichlorobenzene	BRL	1.2		ug/m3	224402	2	05/25/2016 16:13	MD
1,2-Dichloroethane	BRL	0.81		ug/m3	224402	2	05/25/2016 16:13	MD
1,2-Dichloropropane	BRL	0.92		ug/m3	224402	2	05/25/2016 16:13	MD
1,3,5-Trimethylbenzene	BRL	0.98		ug/m3	224402	2	05/25/2016 16:13	MD
1,3-Butadiene	BRL	0.44		ug/m3	224402	2	05/25/2016 16:13	MD
1,3-Dichlorobenzene	BRL	1.2		ug/m3	224402	2	05/25/2016 16:13	MD
1,4-Dichlorobenzene	BRL	1.2		ug/m3	224402	2	05/25/2016 16:13	MD
1,4-Dioxane	BRL	0.72		ug/m3	224402	2	05/25/2016 16:13	MD
2,2,4-Trimethylpentane	BRL	0.93		ug/m3	224402	2	05/25/2016 16:13	MD
2-Butanone	1.6	0.59		ug/m3	224402	2	05/25/2016 16:13	MD
2-Hexanone	BRL	0.82		ug/m3	224402	2	05/25/2016 16:13	MD
4-Ethyltoluene	BRL	0.98		ug/m3	224402	2	05/25/2016 16:13	MD
4-Methyl-2-pentanone	BRL	0.82		ug/m3	224402	2	05/25/2016 16:13	MD
Acetone	28	0.48		ug/m3	224402	2	05/25/2016 16:13	MD
Allyl chloride	BRL	0.63		ug/m3	224402	2	05/25/2016 16:13	MD
Benzene	BRL	0.64		ug/m3	224402	2	05/25/2016 16:13	MD
Benzyl chloride	BRL	1.0		ug/m3	224402	2	05/25/2016 16:13	MD
Bromodichloromethane	BRL	1.3		ug/m3	224402	2	05/25/2016 16:13	MD
Bromoform	BRL	2.1		ug/m3	224402	2	05/25/2016 16:13	MD
Bromomethane	BRL	0.78		ug/m3	224402	2	05/25/2016 16:13	MD
Carbon disulfide	BRL	0.62		ug/m3	224402	2	05/25/2016 16:13	MD
Carbon tetrachloride	BRL	1.3		ug/m3	224402	2	05/25/2016 16:13	MD
Chlorobenzene	BRL	0.92		ug/m3	224402	2	05/25/2016 16:13	MD
Chloroethane	BRL	0.53		ug/m3	224402	2	05/25/2016 16:13	MD
Chloroform	BRL	0.98		ug/m3	224402	2	05/25/2016 16:13	MD
Chloromethane	1.1	0.41		ug/m3	224402	2	05/25/2016 16:13	MD
cis-1,2-Dichloroethene	BRL	0.79		ug/m3	224402	2	05/25/2016 16:13	MD
cis-1,3-Dichloropropene	BRL	0.91		ug/m3	224402	2	05/25/2016 16:13	MD
Cyclohexane	BRL	0.69		ug/m3	224402	2	05/25/2016 16:13	MD
Dibromochloromethane	BRL	1.7		ug/m3	224402	2	05/25/2016 16:13	MD
Dichlorodifluoromethane	1.9	0.99		ug/m3	224402	2	05/25/2016 16:13	MD
Ethyl acetate	BRL	0.72		ug/m3	224402	2	05/25/2016 16:13	MD
Ethylbenzene	BRL	0.87		ug/m3	224402	2	05/25/2016 16:13	MD

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1605G05-002

Client Sample ID: 16139-IA-2
Collection Date: 5/18/2016 10:17:00 AM
Matrix: Air

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Toxic Organic Compounds in Air by GCMS		TO-15						
Freon-113	BRL	1.5		ug/m3	224402	2	05/25/2016 16:13	MD
Freon-114	BRL	1.4		ug/m3	224402	2	05/25/2016 16:13	MD
Hexachlorobutadiene	BRL	2.1		ug/m3	224402	2	05/25/2016 16:13	MD
m,p-Xylene	BRL	1.7		ug/m3	224402	2	05/25/2016 16:13	MD
Methyl tert-butyl ether	BRL	0.72		ug/m3	224402	2	05/25/2016 16:13	MD
Methylene chloride	1.1	0.69		ug/m3	224402	2	05/25/2016 16:13	MD
n-Heptane	BRL	0.82		ug/m3	224402	2	05/25/2016 16:13	MD
n-Hexane	BRL	0.70		ug/m3	224402	2	05/25/2016 16:13	MD
o-Xylene	BRL	0.87		ug/m3	224402	2	05/25/2016 16:13	MD
Propene	BRL	0.34		ug/m3	224402	2	05/25/2016 16:13	MD
Styrene	BRL	0.85		ug/m3	224402	2	05/25/2016 16:13	MD
Tetrachloroethene	BRL	1.4		ug/m3	224402	2	05/25/2016 16:13	MD
Tetrahydrofuran	2.9	0.59		ug/m3	224402	2	05/25/2016 16:13	MD
Toluene	0.90	0.75		ug/m3	224402	2	05/25/2016 16:13	MD
trans-1,2-Dichloroethene	BRL	0.79		ug/m3	224402	2	05/25/2016 16:13	MD
trans-1,3-Dichloropropene	BRL	0.91		ug/m3	224402	2	05/25/2016 16:13	MD
Trichloroethene	BRL	1.1		ug/m3	224402	2	05/25/2016 16:13	MD
Trichlorofluoromethane	BRL	1.1		ug/m3	224402	2	05/25/2016 16:13	MD
Vinyl acetate	BRL	0.70		ug/m3	224402	2	05/25/2016 16:13	MD
Vinyl bromide	BRL	0.87		ug/m3	224402	2	05/25/2016 16:13	MD
Vinyl chloride	BRL	0.51		ug/m3	224402	2	05/25/2016 16:13	MD
Xylenes, Total	BRL	2.6		ug/m3	224402	2	05/25/2016 16:13	MD
Surr: 4-Bromofluorobenzene	94.8	70-130		%REC	224402	2	05/25/2016 16:13	MD

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc.

Sample Receipt Checklist for Air Canisters

Client EPS Work Order Number 1605405

Checklist completed by Alvin Paurar 5/19/2016
Signature Date

Carrier name: FedEx ☐ UPS ☐ Courier ☐ Client ☒ US Mail ☐ Other ☐

Shipping container in good condition?

Yes ☒ No ☐ Not Present ☐

Custody seals intact on shipping container?

Yes ☐ No ☐ Not Present ☒

Chain of custody present?

Yes ☒ No ☐

Chain of custody signed when relinquished and received?

Yes ☒ No ☐

Chain of custody agrees with sample labels?

Yes ☒ No ☐

Field data sheets present?

Yes ☒ No ☐

Sample containers intact?

Yes ☒ No ☐

If no, explain: _____

All samples received within holding time?

Yes ☒ No ☐

Was TAT marked on the COC?

Yes ☒ No ☐

Proceed with Standard TAT as per project history?

Yes ☐ No ☐

All canisters received per Bottle Order issued?

Yes ☒ No ☐

Not Applicable ☒

See Case Narrative for resolution of the Non-Conformance.

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Workorder: 1605G05

ANALYTICAL QC SUMMARY REPORT**BatchID: 224402**

Sample ID: MB-224402	Client ID:					Units: ppbv	Prep Date: 05/24/2016	Run No: 317423			
SampleType: MBLK	TestCode: Toxic Organic Compounds in Air by GCMS TO-15					BatchID: 224402	Analysis Date: 05/24/2016	Seq No: 6841907			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1,1-Trichloroethane	BRL	0.20									
1,1,2,2-Tetrachloroethane	BRL	0.20									
1,1,2-Trichloroethane	BRL	0.20									
1,1-Dichloroethane	BRL	0.20									
1,1-Dichloroethene	BRL	0.20									
1,2,4-Trichlorobenzene	BRL	0.20									
1,2,4-Trimethylbenzene	BRL	0.20									
1,2-Dibromoethane	BRL	0.20									
1,2-Dichlorobenzene	BRL	0.20									
1,2-Dichloroethane	BRL	0.20									
1,2-Dichloropropane	BRL	0.20									
1,3,5-Trimethylbenzene	BRL	0.20									
1,3-Butadiene	BRL	0.20									
1,3-Dichlorobenzene	BRL	0.20									
1,4-Dichlorobenzene	BRL	0.20									
1,4-Dioxane	BRL	0.20									
2,2,4-Trimethylpentane	BRL	0.20									
2-Butanone	BRL	0.20									
2-Hexanone	BRL	0.20									
4-Ethyltoluene	BRL	0.20									
4-Methyl-2-pentanone	BRL	0.20									
Acetone	BRL	1.0									
Allyl chloride	BRL	0.20									
Benzene	0.2900	0.20									B
Benzyl chloride	BRL	0.20									
Bromodichloromethane	BRL	0.20									
Bromoform	BRL	0.20									

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Workorder: 1605G05

ANALYTICAL QC SUMMARY REPORT

BatchID: 224402

Sample ID: MB-224402	Client ID:	Units: ppbv				Prep Date: 05/24/2016	Run No: 317423				
SampleType: MBLK	TestCode: Toxic Organic Compounds in Air by GCMS TO-15	BatchID: 224402				Analysis Date: 05/24/2016	Seq No: 6841907				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Bromomethane	BRL	0.20
Carbon disulfide	BRL	0.20
Carbon tetrachloride	BRL	0.20
Chlorobenzene	BRL	0.20
Chloroethane	BRL	0.20
Chloroform	BRL	0.20
Chloromethane	BRL	0.20
cis-1,2-Dichloroethene	BRL	0.20
cis-1,3-Dichloropropene	BRL	0.20
Cyclohexane	BRL	0.20
Dibromochloromethane	BRL	0.20
Dichlorodifluoromethane	BRL	0.20
Ethyl acetate	BRL	0.20
Ethylbenzene	BRL	0.20
Freon-113	BRL	0.20
Freon-114	BRL	0.20
Hexachlorobutadiene	BRL	0.20
m,p-Xylene	BRL	0.40
Methyl tert-butyl ether	BRL	0.20
Methylene chloride	BRL	0.20
n-Heptane	BRL	0.20
n-Hexane	BRL	0.20
o-Xylene	BRL	0.20
Propene	BRL	0.20
Styrene	BRL	0.20
Tetrachloroethene	BRL	0.20
Tetrahydrofuran	BRL	0.20

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Workorder: 1605G05

ANALYTICAL QC SUMMARY REPORT**BatchID: 224402**

Sample ID: MB-224402	Client ID:					Units: ppbv	Prep Date: 05/24/2016	Run No: 317423			
SampleType: MBLK	TestCode: Toxic Organic Compounds in Air by GCMS TO-15					BatchID: 224402	Analysis Date: 05/24/2016	Seq No: 6841907			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Toluene	BRL	0.20									
trans-1,2-Dichloroethene	BRL	0.20									
trans-1,3-Dichloropropene	BRL	0.20									
Trichloroethene	BRL	0.20									
Trichlorofluoromethane	BRL	0.20									
Vinyl acetate	BRL	0.20									
Vinyl bromide	BRL	0.20									
Vinyl chloride	BRL	0.20									
Xylenes, Total	BRL	0.60									
Surr: 4-Bromofluorobenzene	3.910	0	4.000		97.8	70	130				

Sample ID: LCS-224402	Client ID:					Units: ppbv	Prep Date: 05/24/2016	Run No: 317423			
SampleType: LCS	TestCode: Toxic Organic Compounds in Air by GCMS TO-15					BatchID: 224402	Analysis Date: 05/24/2016	Seq No: 6841908			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1,1-Trichloroethane	3.840	0.20	4.000		96.0	70	130				
1,1,2,2-Tetrachloroethane	3.990	0.20	4.000	0.1500	96.0	70	130				
1,1,2-Trichloroethane	4.220	0.20	4.000	0.1500	102	70	130				
1,1-Dichloroethane	3.940	0.20	4.000		98.5	70	130				
1,1-Dichloroethene	4.090	0.20	4.000		102	70	130				
1,2,4-Trichlorobenzene	3.480	0.20	4.000	0.07000	85.2	70	130				
1,2,4-Trimethylbenzene	3.790	0.20	4.000	0.1100	92.0	70	130				
1,2-Dibromoethane	3.970	0.20	4.000	0.1100	96.5	70	130				
1,2-Dichlorobenzene	3.710	0.20	4.000	0.1200	89.8	70	130				
1,2-Dichloroethane	4.150	0.20	4.000		104	70	130				
1,2-Dichloropropane	4.310	0.20	4.000		108	70	130				
1,3,5-Trimethylbenzene	3.860	0.20	4.000	0.1100	93.8	70	130				
1,3-Butadiene	3.760	0.20	4.000		94.0	70	130				

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Planning Specialists, Inc.
 Project Name: Grantville Mill
 Workorder: 1605G05

ANALYTICAL QC SUMMARY REPORT

BatchID: 224402

Sample ID: LCS-224402	Client ID:	Units: ppbv				Prep Date: 05/24/2016	Run No: 317423				
SampleType: LCS	TestCode: Toxic Organic Compounds in Air by GCMS TO-15	BatchID: 224402				Analysis Date: 05/24/2016	Seq No: 6841908				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,3-Dichlorobenzene	3.770	0.20	4.000	0.1200	91.2	70	130				
1,4-Dichlorobenzene	3.730	0.20	4.000	0.1200	90.2	70	130				
1,4-Dioxane	4.160	0.20	4.000		104	70	130				
2,2,4-Trimethylpentane	4.240	0.20	4.000		106	70	130				
2-Butanone	3.740	0.20	4.000		93.5	70	130				
2-Hexanone	4.180	0.20	4.000		104	70	130				
4-Ethyltoluene	3.790	0.20	4.000		94.8	70	130				
4-Methyl-2-pentanone	4.380	0.20	4.000		110	70	130				
Acetone	3.810	1.0	4.000	0.1600	91.2	70	130				
Allyl chloride	4.520	0.20	4.000		113	70	130				
Benzene	4.140	0.20	4.000	0.2900	96.2	70	130				B
Benzyl chloride	4.500	0.20	4.000		112	70	130				
Bromodichloromethane	4.080	0.20	4.000		102	70	130				
Bromoform	3.860	0.20	4.000	0.06000	95.0	70	130				
Bromomethane	3.600	0.20	4.000		90.0	70	130				
Carbon disulfide	4.340	0.20	4.000		108	70	130				
Carbon tetrachloride	3.970	0.20	4.000	0.07000	97.5	70	130				
Chlorobenzene	3.920	0.20	4.000	0.1700	93.8	70	130				
Chloroethane	3.670	0.20	4.000		91.8	70	130				
Chloroform	3.850	0.20	4.000	0.07000	94.5	70	130				
Chloromethane	3.940	0.20	4.000		98.5	70	130				
cis-1,2-Dichloroethene	3.790	0.20	4.000		94.8	70	130				
cis-1,3-Dichloropropene	4.280	0.20	4.000		107	70	130				
Cyclohexane	4.000	0.20	4.000		100	70	130				
Dibromochloromethane	3.870	0.20	4.000	0.05000	95.5	70	130				
Dichlorodifluoromethane	3.710	0.20	4.000		92.8	70	130				
Ethyl acetate	4.030	0.20	4.000		101	70	130				

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Workorder: 1605G05

ANALYTICAL QC SUMMARY REPORT**BatchID: 224402**

Sample ID: LCS-224402	Client ID:					Units: ppbv	Prep Date: 05/24/2016	Run No: 317423			
SampleType: LCS	TestCode: Toxic Organic Compounds in Air by GCMS TO-15					BatchID: 224402	Analysis Date: 05/24/2016	Seq No: 6841908			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Ethylbenzene	4.070	0.20	4.000	0.1600	97.8	70	130				
Freon-113	4.190	0.20	4.000		105	70	130				
Freon-114	3.680	0.20	4.000		92.0	70	130				
Hexachlorobutadiene	3.370	0.20	4.000	0.07000	82.5	70	130				
m,p-Xylene	8.020	0.40	8.000	0.3000	96.5	70	130				
Methyl tert-butyl ether	3.830	0.20	4.000		95.8	70	130				
Methylene chloride	4.230	0.20	4.000	0.1800	101	70	130				
n-Heptane	4.350	0.20	4.000		109	70	130				
n-Hexane	4.050	0.20	4.000		101	70	130				
o-Xylene	4.000	0.20	4.000	0.1600	96.0	70	130				
Propene	3.700	0.20	4.000		92.5	70	130				
Styrene	4.010	0.20	4.000	0.1400	96.8	70	130				
Tetrachloroethene	3.820	0.20	4.000	0.1700	91.2	70	130				
Tetrahydrofuran	4.030	0.20	4.000		101	70	130				
Toluene	4.220	0.20	4.000	0.1900	101	70	130				
trans-1,2-Dichloroethene	3.680	0.20	4.000		92.0	70	130				
trans-1,3-Dichloropropene	4.350	0.20	4.000		109	70	130				
Trichloroethene	4.030	0.20	4.000	0.1100	98.0	70	130				
Trichlorofluoromethane	3.640	0.20	4.000		91.0	70	130				
Vinyl acetate	3.850	0.20	4.000		96.2	70	130				
Vinyl bromide	3.580	0.20	4.000		89.5	70	130				
Vinyl chloride	3.760	0.20	4.000		94.0	70	130				
Xylenes, Total	12.02	0.60	12.00	0.4600	96.3	70	130				
Surr: 4-Bromofluorobenzene	3.570	0	4.000		89.2	70	130				

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Workorder: 1605G05

ANALYTICAL QC SUMMARY REPORT**BatchID: 224402**

Sample ID: 1605G05-001ADUP	Client ID: 16139-IA-1	Units: ppbv	Prep Date: 05/24/2016	Run No: 317539
SampleType: DUP	TestCode: Toxic Organic Compounds in Air by GCMS TO-15	BatchID: 224402	Analysis Date: 05/25/2016	Seq No: 6842884

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	BRL	0.20						0	0	25	
1,1,2,2-Tetrachloroethane	BRL	0.20						0	0	25	
1,1,2-Trichloroethane	BRL	0.20						0	0	25	
1,1-Dichloroethane	BRL	0.20						0	0	25	
1,1-Dichloroethene	BRL	0.20						0	0	25	
1,2,4-Trichlorobenzene	BRL	0.20						0	0	25	
1,2,4-Trimethylbenzene	BRL	0.20						0	0	25	
1,2-Dibromoethane	BRL	0.20						0	0	25	
1,2-Dichlorobenzene	BRL	0.20						0	0	25	
1,2-Dichloroethane	BRL	0.20						0	0	25	
1,2-Dichloropropane	BRL	0.20						0	0	25	
1,3,5-Trimethylbenzene	BRL	0.20						0	0	25	
1,3-Butadiene	BRL	0.20						0	0	25	
1,3-Dichlorobenzene	BRL	0.20						0	0	25	
1,4-Dichlorobenzene	BRL	0.20						0	0	25	
1,4-Dioxane	BRL	0.20						0	0	25	
2,2,4-Trimethylpentane	BRL	0.20						0	0	25	
2-Butanone	0.5100	0.20						0.4900	4.00	25	
2-Hexanone	BRL	0.20						0	0	25	
4-Ethyltoluene	BRL	0.20						0	0	25	
4-Methyl-2-pentanone	BRL	0.20						0	0	25	
Acetone	11.05	1.0						11.02	0.272	25	
Allyl chloride	BRL	0.20						0	0	25	
Benzene	BRL	0.20						0.1000	0	25	
Benzyl chloride	BRL	0.20						0	0	25	
Bromodichloromethane	BRL	0.20						0	0	25	
Bromoform	BRL	0.20						0	0	25	

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Workorder: 1605G05

ANALYTICAL QC SUMMARY REPORT**BatchID: 224402**

Sample ID: 1605G05-001ADUP	Client ID: 16139-IA-1	Units: ppbv				Prep Date: 05/24/2016	Run No: 317539				
SampleType: DUP	TestCode: Toxic Organic Compounds in Air by GCMS TO-15	BatchID: 224402				Analysis Date: 05/25/2016	Seq No: 6842884				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Bromomethane	BRL	0.20						0	0	25	
Carbon disulfide	BRL	0.20						0	0	25	
Carbon tetrachloride	BRL	0.20						0	0	25	
Chlorobenzene	BRL	0.20						0	0	25	
Chloroethane	BRL	0.20						0	0	25	
Chloroform	BRL	0.20						0.07000	0	25	
Chloromethane	0.4900	0.20						0.4800	2.06	25	
cis-1,2-Dichloroethene	BRL	0.20						0	0	25	
cis-1,3-Dichloropropene	BRL	0.20						0	0	25	
Cyclohexane	BRL	0.20						0	0	25	
Dibromochloromethane	BRL	0.20						0	0	25	
Dichlorodifluoromethane	0.3900	0.20						0.3900	0	25	
Ethyl acetate	BRL	0.20						0	0	25	
Ethylbenzene	BRL	0.20						0	0	25	
Freon-113	BRL	0.20						0.06000	0	25	
Freon-114	BRL	0.20						0	0	25	
Hexachlorobutadiene	BRL	0.20						0	0	25	
m,p-Xylene	BRL	0.40						0.09000	0	25	
Methyl tert-butyl ether	BRL	0.20						0	0	25	
Methylene chloride	0.8800	0.20						0.8600	2.30	25	
n-Heptane	BRL	0.20						0	0	25	
n-Hexane	BRL	0.20						0	0	25	
o-Xylene	BRL	0.20						0.05000	0	25	
Propene	BRL	0.20						0	0	25	
Styrene	BRL	0.20						0	0	25	
Tetrachloroethene	BRL	0.20						0.1000	0	25	
Tetrahydrofuran	1.070	0.20						1.090	1.85	25	

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Workorder: 1605G05

ANALYTICAL QC SUMMARY REPORT

BatchID: 224402

Sample ID: 1605G05-001ADUP	Client ID: 16139-IA-1	Units: ppbv	Prep Date: 05/24/2016	Run No: 317539							
SampleType: DUP	TestCode: Toxic Organic Compounds in Air by GCMS TO-15	BatchID: 224402	Analysis Date: 05/25/2016	Seq No: 6842884							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Toluene	0.2300	0.20						0.2300	0	25	
trans-1,2-Dichloroethene	BRL	0.20						0	0	25	
trans-1,3-Dichloropropene	BRL	0.20						0	0	25	
Trichloroethene	BRL	0.20						0	0	25	
Trichlorofluoromethane	BRL	0.20						0.1800	0	25	
Vinyl acetate	BRL	0.20						0	0	25	
Vinyl bromide	BRL	0.20						0	0	25	
Vinyl chloride	BRL	0.20						0	0	25	
Xylenes, Total	BRL	0.60						0.1400	0	25	
Surr: 4-Bromofluorobenzene	3.850	0	4.000		96.2	70	130	3.870	0	0	

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		



ANALYTICAL ENVIRONMENTAL SERVICES, INC.

May 26, 2016

Aaron Williams
Environmental Planning Specialists, Inc.
1050 Crown Pointe Parkway, Suite 550
Atlanta GA 30338

TEL: (404) 315-9113
FAX: (404) 315-8509

RE: Grantville Mill

Dear Aaron Williams:

Order No: 1605G05

Analytical Environmental Services, Inc. received 2 samples on 5/19/2016 4:20:00 PM for the analyses presented in following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative.

AES' certifications are as follows:

-NELAC/Florida Certification number E87582 for analysis of Air & Emissions for Volatile Organics effective 07/01/15-06/30/16.

These results relate only to the items tested. This report may only be reproduced in full.

If you have any questions regarding these test results, please feel free to call.

Sincerely,

Chantelle Kanhai
Project Manager



APPENDIX

Compound	CAS #	Alternate Name	TO-14A	TO-15	SOP
Acetone	67-64-1				X
Allyl chloride	107-05-1	3-Chloropropene		X	
Benzene	71-43-2		X	X	
Benzyl chloride	100-44-7		X	X	
Bromodichloromethane	75-27-4	Dichlorobromomethane			X
Bromoform	75-25-2	Tribromomethane		X	
Bromomethane	74-83-9	Methyl bromide	X	X	
1,3-Butadiene	106-99-0			X	
Carbon disulfide	75-15-0			X	
Carbon tetrachloride	56-23-5		X	X	
Chlorobenzene	108-90-7		X	X	
Chloroethane	75-00-3	Ethyl chloride	X	X	
Chloroform	67-66-3		X	X	
Chloromethane	74-87-3	Methyl chloride	X	X	
Cyclohexane	110-82-7				X
Dibromochloromethane	124-48-1	Chlorodibromomethane			X
1,2-Dibromoethane	106-93-4	EDB/Ethylene dibromide	X	X	
1,2-Dichlorobenzene	95-50-1	<i>o</i> -Dichlorobenzene	X	X	
1,3-Dichlorobenzene	541-73-1	<i>m</i> -Dichlorobenzene	X	X	
1,4-Dichlorobenzene	106-46-7	<i>p</i> -Dichlorobenzene	X	X	
Dichlorodifluoromethane	75-71-8	Freon-12	X		
1,1-Dichloroethane	75-34-3		X	X	
1,2-Dichloroethane	107-06-2		X	X	
1,1-Dichloroethene	75-35-4	1,1-Dichloroethylene	X	X	
<i>cis</i> -1,2-Dichloroethene	156-59-2	<i>cis</i> -1,2-Dichloroethylene	X	X	
<i>trans</i> -1,2-Dichloroethene	156-60-5	<i>trans</i> -1,2-Dichloroethylene		X	
1,2-Dichloropropane	78-87-5		X	X	
<i>cis</i> -1,3-Dichloropropene	10061-01-5		X	X	
<i>trans</i> -1,3-Dichloropropene	10061-02-6		X	X	
1,2-Dichloro-1,1,2,2-tetrafluoroethane	76-14-2	Freon-114	X		
1,4-Dioxane	123-91-1	1,4-Diethylene oxide		X	
Ethyl acetate	141-78-6	Acetic acid, ethyl ester			X
Ethylbenzene	100-41-4		X	X	
4-Ethyltoluene	622-96-8				X
n-Heptane	142-82-5	Heptane			X
Hexachlorobutadiene	87-68-3	Hexachloro-1,3-butadiene	X	X	



n-Hexane	110-54-3	Hexane		X	
Compound	CAS #	Alternate Name	TO-14A	TO-15	SOP
2-Hexanone	591-78-6	Methyl butyl ketone			X
Methylene chloride	75-09-2	Dichloromethane	X	X	
Methyl tert-butyl ether	1634-04-4	MTBE		X	
Methyl ethyl ketone	78-93-3	MEK/2-Butanone		X	
Methyl isobutyl ketone	108-10-1	4-Methyl-2-pentanone		X	
2-Propanol	67-63-0	Isopropanol/Isopropyl alcohol			X
Propene	115-07-1	Propylene			X
Styrene	100-42-5			X	
1,1,2,2-Tetrachloroethane	79-34-5		X	X	
Tetrachloroethene	127-18-4	Tetrachloroethylene	X	X	
Tetrahydrofuran	109-99-9				X
Toluene	108-88-3			X	
1,2,4-Trichlorobenzene	120-82-1			X	
1,1,1-Trichloroethane	74-55-6			X	
1,1,2-Trichloroethane	79-00-5			X	
Trichloroethene	79-01-6	Trichloroethylene		X	
Trichlorofluoromethane	75-69-4	Freon-11	X		
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	Freon-113	X		
1,2,4-Trimethylbenzene	95-63-6		X	X	
1,3,5-Trimethylbenzene	108-67-8		X	X	
2,2,4-Trimethylpentane	540-84-1	Isooctane		X	
Vinyl acetate	108-05-04			X	
Vinyl bromide	593-60-2	Bromoethene		X	
Vinyl chloride	75-01-4	Chloroethene	X	X	
Xylenes, Total	1330-20-7		X	X	
m/p-Xylene	179601-23-1		X	X	
o-Xylene	95-47-6		X	X	



ANALYTICAL ENVIRONMENTAL SERVICES, INC

3080 Presidential Drive, Atlanta GA 30340-3704

TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

VAPOR/AIR CHAIN OF CUSTODY

Work Order #:

1605605

Page 1 of 2

Company: EPS Inc.		Address: 1050 Crown Pointe Pkwy Ste. 550 Atlanta, GA 30338				Bottle Order #: 74017				Turnaround Time (Circle One): Standard 3 Day Rush 2 Day Rush Other																	
Phone: 404 315 9113		Fax:				Sample Matrix*				Canister Serial #		Flow Controller ID		Canister Pressure In Field ("Hg) Start		Canister Pressure In Field ("Hg) Stop		ANALYSIS REQUESTED								Remarks	
Sampled by: Alex Testoff		Signature: <i>Alex Testoff</i>																TO-15									
#	Sample ID	Sample Start		Sample Finish		Sample Matrix*	Canister Serial #	Flow Controller ID	Canister Pressure In Field ("Hg) Start	Canister Pressure In Field ("Hg) Stop	TO-15																
Date	Time (24hr)	Date	Time (24 hr)																								
1	16139-IA-1	5-18-16	1012	5-19-16	1012	IA	17458	01158	>30	4	X																
2	16139-IA-2	5-18-16	1017	5-19-16	1017	IA	18892	01151	>30	6.5	X																
3																											
4																											
5																											
6																											
7																											
8																											
9																											
10																											

SPECIAL INSTRUCTIONS/COMMENTS: If specialized list is required, list analytes here:		RELINQUISHED BY: <i>Alex Testoff</i>		DATE/TIME: 5-19-16 1620		RECEIVED BY: <i>Jessica Kelly</i>		DATE/TIME: 5/19/16 4:20 pm		PROJECT INFORMATION			
		1:				1:				PROJECT NAME: Grantville Mill			
		2:				2:				PROJECT #:			
		3:				3:				SITE ADDRESS: Grantville, GA			
										SEND REPORT TO: awilliams@envplanning.com & atestoff@envplanning.com			
										INVOICE TO: (IF DIFFERENT FROM ABOVE)			
										PO#:			
										STATE PROGRAM (if any):			
										E-mail? Y / N Fax? Y / N			
										QUOTE #:			
										DATA PACKAGE: I II III IV			

SHIPMENT METHOD
OUT / / VIA:
IN / / VIA:
CLIENT FedEx UPS MAIL COURIER
GREYHOUND OTHER

SAMPLES RECEIVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS RECEIVED ON THE NEXT BUSINESS DAY; IF NO TAT IS MARKED ON COC, AES WILL PROCEED AS STANDARD TAT.
Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.

*SAMPLE MATRIX: IA = Indoor Air AA = Ambient Air SS = Subslab SV = Soil Vapor O = Other (specify)

AES, Inc., assumes no liability with respect to the collection and shipment of these samples.

Page 4 of 19

White Copy - Original - Blue Copy - Client



ANALYTICAL ENVIRONMENTAL SERVICES, INC

3080 Presidential Drive, Atlanta GA 30340-3704

AES

TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

VAPOR/AIR FIELD TEST DATA SHEET

Work Order #: 1005605

Page 2 of 2

Company: EPS Inc.		Address: 1050 Crown Pointe Pkwy Ste 550 Atlanta, GA 30338			Project Name: Grantville Mill					Project Number:						
Phone: 404 315 9113		Fax:			Site Address: 41 Industrial Way Grantville, GA											
Sampled by: Alex Testoff		Signature: Alex Testoff			SAMPLING INFORMATION											
		Sample Start						Sample Stop								
#	Sample ID	Canister Serial #	Flow Controller ID#	Canister Cert. ID#	Date	Time (24hr)	Canister Pressure in Field (\"Hg)	Flow Control Readout (mL/min)	Temperature		Date	Time (24hr)	Canister Pressure in Field (\"Hg)	Flow Control Readout (mL/min)	Temperature	
									Interior (°F)	Ambient (°F)					Interior (°F)	Ambient (°F)
1	16139-IA-1	17458	01158	223156	5-18-16	1012	>30	24 hr	68	—	5-19-16	1012	4	24 hr	68	—
2	16139-IA-2	18892	01151	221285	5-18-16	1017	>30	24 hr	68	—	5-19-16	1017	6.5	24 hr	68	—
3																
4																
5																
6																
7																
8																
9																
10																

Date Shipped Out From Lab: Alex Testoff 1620 5-19-16

Date Received Back To Lab: Jessica Shulley 5/19/16 4:20 pm

Weather Conditions: Indoor

Ambient Temp Avg: _____

Ambient Temp High/Low: _____

Indoor Air Temp Avg: _____

Barometric Pressure: _____

Wind Speed/Direction: _____

Other: _____

Field Notes:

Client: _____

Client: Environmental Planning Specialists, Inc.
Project: Grantville Mill
Lab ID: 1605G05

Case Narrative

Volatiles Organic Compounds Analysis by Method TO-15:

Benzene was detected in Method Blank 224402 at 0.29 ppbv which was above reporting limit of 0.2 ppbv resulting in "B" qualified data for the Batch QC samples. Associated sample values were less than reporting limit and data is reportable with high bias.

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1605G05-001

Client Sample ID: 16139-IA-1
Collection Date: 5/19/2016 10:12:00 AM
Matrix: Air

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Toxic Organic Compounds in Air by GCMS		TO-15						
1,1,1-Trichloroethane	BRL	1.1		ug/m3	224402	2	05/25/2016 15:15	MD
1,1,2,2-Tetrachloroethane	BRL	1.4		ug/m3	224402	2	05/25/2016 15:15	MD
1,1,2-Trichloroethane	BRL	1.1		ug/m3	224402	2	05/25/2016 15:15	MD
1,1-Dichloroethane	BRL	0.81		ug/m3	224402	2	05/25/2016 15:15	MD
1,1-Dichloroethene	BRL	0.79		ug/m3	224402	2	05/25/2016 15:15	MD
1,2,4-Trichlorobenzene	BRL	1.5		ug/m3	224402	2	05/25/2016 15:15	MD
1,2,4-Trimethylbenzene	BRL	0.98		ug/m3	224402	2	05/25/2016 15:15	MD
1,2-Dibromoethane	BRL	1.5		ug/m3	224402	2	05/25/2016 15:15	MD
1,2-Dichlorobenzene	BRL	1.2		ug/m3	224402	2	05/25/2016 15:15	MD
1,2-Dichloroethane	BRL	0.81		ug/m3	224402	2	05/25/2016 15:15	MD
1,2-Dichloropropane	BRL	0.92		ug/m3	224402	2	05/25/2016 15:15	MD
1,3,5-Trimethylbenzene	BRL	0.98		ug/m3	224402	2	05/25/2016 15:15	MD
1,3-Butadiene	BRL	0.44		ug/m3	224402	2	05/25/2016 15:15	MD
1,3-Dichlorobenzene	BRL	1.2		ug/m3	224402	2	05/25/2016 15:15	MD
1,4-Dichlorobenzene	BRL	1.2		ug/m3	224402	2	05/25/2016 15:15	MD
1,4-Dioxane	BRL	0.72		ug/m3	224402	2	05/25/2016 15:15	MD
2,2,4-Trimethylpentane	BRL	0.93		ug/m3	224402	2	05/25/2016 15:15	MD
2-Butanone	1.4	0.59		ug/m3	224402	2	05/25/2016 15:15	MD
2-Hexanone	BRL	0.82		ug/m3	224402	2	05/25/2016 15:15	MD
4-Ethyltoluene	BRL	0.98		ug/m3	224402	2	05/25/2016 15:15	MD
4-Methyl-2-pentanone	BRL	0.82		ug/m3	224402	2	05/25/2016 15:15	MD
Acetone	26	0.48		ug/m3	224402	2	05/25/2016 15:15	MD
Allyl chloride	BRL	0.63		ug/m3	224402	2	05/25/2016 15:15	MD
Benzene	BRL	0.64		ug/m3	224402	2	05/25/2016 15:15	MD
Benzyl chloride	BRL	1.0		ug/m3	224402	2	05/25/2016 15:15	MD
Bromodichloromethane	BRL	1.3		ug/m3	224402	2	05/25/2016 15:15	MD
Bromoform	BRL	2.1		ug/m3	224402	2	05/25/2016 15:15	MD
Bromomethane	BRL	0.78		ug/m3	224402	2	05/25/2016 15:15	MD
Carbon disulfide	BRL	0.62		ug/m3	224402	2	05/25/2016 15:15	MD
Carbon tetrachloride	BRL	1.3		ug/m3	224402	2	05/25/2016 15:15	MD
Chlorobenzene	BRL	0.92		ug/m3	224402	2	05/25/2016 15:15	MD
Chloroethane	BRL	0.53		ug/m3	224402	2	05/25/2016 15:15	MD
Chloroform	BRL	0.98		ug/m3	224402	2	05/25/2016 15:15	MD
Chloromethane	0.99	0.41		ug/m3	224402	2	05/25/2016 15:15	MD
cis-1,2-Dichloroethene	BRL	0.79		ug/m3	224402	2	05/25/2016 15:15	MD
cis-1,3-Dichloropropene	BRL	0.91		ug/m3	224402	2	05/25/2016 15:15	MD
Cyclohexane	BRL	0.69		ug/m3	224402	2	05/25/2016 15:15	MD
Dibromochloromethane	BRL	1.7		ug/m3	224402	2	05/25/2016 15:15	MD
Dichlorodifluoromethane	1.9	0.99		ug/m3	224402	2	05/25/2016 15:15	MD
Ethyl acetate	BRL	0.72		ug/m3	224402	2	05/25/2016 15:15	MD
Ethylbenzene	BRL	0.87		ug/m3	224402	2	05/25/2016 15:15	MD

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1605G05-001

Client Sample ID: 16139-IA-1
Collection Date: 5/19/2016 10:12:00 AM
Matrix: Air

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Toxic Organic Compounds in Air by GCMS		TO-15						
Freon-113	BRL	1.5		ug/m3	224402	2	05/25/2016 15:15	MD
Freon-114	BRL	1.4		ug/m3	224402	2	05/25/2016 15:15	MD
Hexachlorobutadiene	BRL	2.1		ug/m3	224402	2	05/25/2016 15:15	MD
m,p-Xylene	BRL	1.7		ug/m3	224402	2	05/25/2016 15:15	MD
Methyl tert-butyl ether	BRL	0.72		ug/m3	224402	2	05/25/2016 15:15	MD
Methylene chloride	3.0	0.69		ug/m3	224402	2	05/25/2016 15:15	MD
n-Heptane	BRL	0.82		ug/m3	224402	2	05/25/2016 15:15	MD
n-Hexane	BRL	0.70		ug/m3	224402	2	05/25/2016 15:15	MD
o-Xylene	BRL	0.87		ug/m3	224402	2	05/25/2016 15:15	MD
Propene	BRL	0.34		ug/m3	224402	2	05/25/2016 15:15	MD
Styrene	BRL	0.85		ug/m3	224402	2	05/25/2016 15:15	MD
Tetrachloroethene	BRL	1.4		ug/m3	224402	2	05/25/2016 15:15	MD
Tetrahydrofuran	3.2	0.59		ug/m3	224402	2	05/25/2016 15:15	MD
Toluene	0.87	0.75		ug/m3	224402	2	05/25/2016 15:15	MD
trans-1,2-Dichloroethene	BRL	0.79		ug/m3	224402	2	05/25/2016 15:15	MD
trans-1,3-Dichloropropene	BRL	0.91		ug/m3	224402	2	05/25/2016 15:15	MD
Trichloroethene	BRL	1.1		ug/m3	224402	2	05/25/2016 15:15	MD
Trichlorofluoromethane	BRL	1.1		ug/m3	224402	2	05/25/2016 15:15	MD
Vinyl acetate	BRL	0.70		ug/m3	224402	2	05/25/2016 15:15	MD
Vinyl bromide	BRL	0.87		ug/m3	224402	2	05/25/2016 15:15	MD
Vinyl chloride	BRL	0.51		ug/m3	224402	2	05/25/2016 15:15	MD
Xylenes, Total	BRL	2.6		ug/m3	224402	2	05/25/2016 15:15	MD
Surr: 4-Bromofluorobenzene	96.8	70-130		%REC	224402	2	05/25/2016 15:15	MD

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1605G05-002

Client Sample ID: 16139-IA-2
Collection Date: 5/18/2016 10:17:00 AM
Matrix: Air

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Toxic Organic Compounds in Air by GCMS		TO-15						
1,1,1-Trichloroethane	BRL	1.1		ug/m3	224402	2	05/25/2016 16:13	MD
1,1,2,2-Tetrachloroethane	BRL	1.4		ug/m3	224402	2	05/25/2016 16:13	MD
1,1,2-Trichloroethane	BRL	1.1		ug/m3	224402	2	05/25/2016 16:13	MD
1,1-Dichloroethane	BRL	0.81		ug/m3	224402	2	05/25/2016 16:13	MD
1,1-Dichloroethene	BRL	0.79		ug/m3	224402	2	05/25/2016 16:13	MD
1,2,4-Trichlorobenzene	BRL	1.5		ug/m3	224402	2	05/25/2016 16:13	MD
1,2,4-Trimethylbenzene	BRL	0.98		ug/m3	224402	2	05/25/2016 16:13	MD
1,2-Dibromoethane	BRL	1.5		ug/m3	224402	2	05/25/2016 16:13	MD
1,2-Dichlorobenzene	BRL	1.2		ug/m3	224402	2	05/25/2016 16:13	MD
1,2-Dichloroethane	BRL	0.81		ug/m3	224402	2	05/25/2016 16:13	MD
1,2-Dichloropropane	BRL	0.92		ug/m3	224402	2	05/25/2016 16:13	MD
1,3,5-Trimethylbenzene	BRL	0.98		ug/m3	224402	2	05/25/2016 16:13	MD
1,3-Butadiene	BRL	0.44		ug/m3	224402	2	05/25/2016 16:13	MD
1,3-Dichlorobenzene	BRL	1.2		ug/m3	224402	2	05/25/2016 16:13	MD
1,4-Dichlorobenzene	BRL	1.2		ug/m3	224402	2	05/25/2016 16:13	MD
1,4-Dioxane	BRL	0.72		ug/m3	224402	2	05/25/2016 16:13	MD
2,2,4-Trimethylpentane	BRL	0.93		ug/m3	224402	2	05/25/2016 16:13	MD
2-Butanone	1.6	0.59		ug/m3	224402	2	05/25/2016 16:13	MD
2-Hexanone	BRL	0.82		ug/m3	224402	2	05/25/2016 16:13	MD
4-Ethyltoluene	BRL	0.98		ug/m3	224402	2	05/25/2016 16:13	MD
4-Methyl-2-pentanone	BRL	0.82		ug/m3	224402	2	05/25/2016 16:13	MD
Acetone	28	0.48		ug/m3	224402	2	05/25/2016 16:13	MD
Allyl chloride	BRL	0.63		ug/m3	224402	2	05/25/2016 16:13	MD
Benzene	BRL	0.64		ug/m3	224402	2	05/25/2016 16:13	MD
Benzyl chloride	BRL	1.0		ug/m3	224402	2	05/25/2016 16:13	MD
Bromodichloromethane	BRL	1.3		ug/m3	224402	2	05/25/2016 16:13	MD
Bromoform	BRL	2.1		ug/m3	224402	2	05/25/2016 16:13	MD
Bromomethane	BRL	0.78		ug/m3	224402	2	05/25/2016 16:13	MD
Carbon disulfide	BRL	0.62		ug/m3	224402	2	05/25/2016 16:13	MD
Carbon tetrachloride	BRL	1.3		ug/m3	224402	2	05/25/2016 16:13	MD
Chlorobenzene	BRL	0.92		ug/m3	224402	2	05/25/2016 16:13	MD
Chloroethane	BRL	0.53		ug/m3	224402	2	05/25/2016 16:13	MD
Chloroform	BRL	0.98		ug/m3	224402	2	05/25/2016 16:13	MD
Chloromethane	1.1	0.41		ug/m3	224402	2	05/25/2016 16:13	MD
cis-1,2-Dichloroethene	BRL	0.79		ug/m3	224402	2	05/25/2016 16:13	MD
cis-1,3-Dichloropropene	BRL	0.91		ug/m3	224402	2	05/25/2016 16:13	MD
Cyclohexane	BRL	0.69		ug/m3	224402	2	05/25/2016 16:13	MD
Dibromochloromethane	BRL	1.7		ug/m3	224402	2	05/25/2016 16:13	MD
Dichlorodifluoromethane	1.9	0.99		ug/m3	224402	2	05/25/2016 16:13	MD
Ethyl acetate	BRL	0.72		ug/m3	224402	2	05/25/2016 16:13	MD
Ethylbenzene	BRL	0.87		ug/m3	224402	2	05/25/2016 16:13	MD

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1605G05-002

Client Sample ID: 16139-IA-2
Collection Date: 5/18/2016 10:17:00 AM
Matrix: Air

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Toxic Organic Compounds in Air by GCMS		TO-15						
Freon-113	BRL	1.5		ug/m3	224402	2	05/25/2016 16:13	MD
Freon-114	BRL	1.4		ug/m3	224402	2	05/25/2016 16:13	MD
Hexachlorobutadiene	BRL	2.1		ug/m3	224402	2	05/25/2016 16:13	MD
m,p-Xylene	BRL	1.7		ug/m3	224402	2	05/25/2016 16:13	MD
Methyl tert-butyl ether	BRL	0.72		ug/m3	224402	2	05/25/2016 16:13	MD
Methylene chloride	1.1	0.69		ug/m3	224402	2	05/25/2016 16:13	MD
n-Heptane	BRL	0.82		ug/m3	224402	2	05/25/2016 16:13	MD
n-Hexane	BRL	0.70		ug/m3	224402	2	05/25/2016 16:13	MD
o-Xylene	BRL	0.87		ug/m3	224402	2	05/25/2016 16:13	MD
Propene	BRL	0.34		ug/m3	224402	2	05/25/2016 16:13	MD
Styrene	BRL	0.85		ug/m3	224402	2	05/25/2016 16:13	MD
Tetrachloroethene	BRL	1.4		ug/m3	224402	2	05/25/2016 16:13	MD
Tetrahydrofuran	2.9	0.59		ug/m3	224402	2	05/25/2016 16:13	MD
Toluene	0.90	0.75		ug/m3	224402	2	05/25/2016 16:13	MD
trans-1,2-Dichloroethene	BRL	0.79		ug/m3	224402	2	05/25/2016 16:13	MD
trans-1,3-Dichloropropene	BRL	0.91		ug/m3	224402	2	05/25/2016 16:13	MD
Trichloroethene	BRL	1.1		ug/m3	224402	2	05/25/2016 16:13	MD
Trichlorofluoromethane	BRL	1.1		ug/m3	224402	2	05/25/2016 16:13	MD
Vinyl acetate	BRL	0.70		ug/m3	224402	2	05/25/2016 16:13	MD
Vinyl bromide	BRL	0.87		ug/m3	224402	2	05/25/2016 16:13	MD
Vinyl chloride	BRL	0.51		ug/m3	224402	2	05/25/2016 16:13	MD
Xylenes, Total	BRL	2.6		ug/m3	224402	2	05/25/2016 16:13	MD
Surr: 4-Bromofluorobenzene	94.8	70-130		%REC	224402	2	05/25/2016 16:13	MD

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc.

Sample Receipt Checklist for Air Canisters

Client EPS Work Order Number 1605405

Checklist completed by Alvin Paurar 5/19/2016
Signature Date

Carrier name: FedEx ☐ UPS ☐ Courier ☐ Client ☒ US Mail ☐ Other ☐

Shipping container in good condition?

Yes ☒ No ☐ Not Present ☐

Custody seals intact on shipping container?

Yes ☐ No ☐ Not Present ☒

Chain of custody present?

Yes ☒ No ☐

Chain of custody signed when relinquished and received?

Yes ☒ No ☐

Chain of custody agrees with sample labels?

Yes ☒ No ☐

Field data sheets present?

Yes ☒ No ☐

Sample containers intact?

Yes ☒ No ☐

If no, explain: _____

All samples received within holding time?

Yes ☒ No ☐

Was TAT marked on the COC?

Yes ☒ No ☐

Proceed with Standard TAT as per project history?

Yes ☐ No ☐ Not Applicable ☒

All canisters received per Bottle Order issued?

Yes ☒ No ☐

See Case Narrative for resolution of the Non-Conformance.

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Workorder: 1605G05

ANALYTICAL QC SUMMARY REPORT**BatchID: 224402**

Sample ID: MB-224402	Client ID:					Units: ppbv	Prep Date: 05/24/2016	Run No: 317423			
SampleType: MBLK	TestCode: Toxic Organic Compounds in Air by GCMS TO-15					BatchID: 224402	Analysis Date: 05/24/2016	Seq No: 6841907			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1,1-Trichloroethane	BRL	0.20									
1,1,2,2-Tetrachloroethane	BRL	0.20									
1,1,2-Trichloroethane	BRL	0.20									
1,1-Dichloroethane	BRL	0.20									
1,1-Dichloroethene	BRL	0.20									
1,2,4-Trichlorobenzene	BRL	0.20									
1,2,4-Trimethylbenzene	BRL	0.20									
1,2-Dibromoethane	BRL	0.20									
1,2-Dichlorobenzene	BRL	0.20									
1,2-Dichloroethane	BRL	0.20									
1,2-Dichloropropane	BRL	0.20									
1,3,5-Trimethylbenzene	BRL	0.20									
1,3-Butadiene	BRL	0.20									
1,3-Dichlorobenzene	BRL	0.20									
1,4-Dichlorobenzene	BRL	0.20									
1,4-Dioxane	BRL	0.20									
2,2,4-Trimethylpentane	BRL	0.20									
2-Butanone	BRL	0.20									
2-Hexanone	BRL	0.20									
4-Ethyltoluene	BRL	0.20									
4-Methyl-2-pentanone	BRL	0.20									
Acetone	BRL	1.0									
Allyl chloride	BRL	0.20									
Benzene	0.2900	0.20									B
Benzyl chloride	BRL	0.20									
Bromodichloromethane	BRL	0.20									
Bromoform	BRL	0.20									

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Workorder: 1605G05

ANALYTICAL QC SUMMARY REPORT

BatchID: 224402

Sample ID: MB-224402	Client ID:	Units: ppbv				Prep Date: 05/24/2016	Run No: 317423				
SampleType: MBLK	TestCode: Toxic Organic Compounds in Air by GCMS TO-15	BatchID: 224402				Analysis Date: 05/24/2016	Seq No: 6841907				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Bromomethane	BRL	0.20
Carbon disulfide	BRL	0.20
Carbon tetrachloride	BRL	0.20
Chlorobenzene	BRL	0.20
Chloroethane	BRL	0.20
Chloroform	BRL	0.20
Chloromethane	BRL	0.20
cis-1,2-Dichloroethene	BRL	0.20
cis-1,3-Dichloropropene	BRL	0.20
Cyclohexane	BRL	0.20
Dibromochloromethane	BRL	0.20
Dichlorodifluoromethane	BRL	0.20
Ethyl acetate	BRL	0.20
Ethylbenzene	BRL	0.20
Freon-113	BRL	0.20
Freon-114	BRL	0.20
Hexachlorobutadiene	BRL	0.20
m,p-Xylene	BRL	0.40
Methyl tert-butyl ether	BRL	0.20
Methylene chloride	BRL	0.20
n-Heptane	BRL	0.20
n-Hexane	BRL	0.20
o-Xylene	BRL	0.20
Propene	BRL	0.20
Styrene	BRL	0.20
Tetrachloroethene	BRL	0.20
Tetrahydrofuran	BRL	0.20

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Workorder: 1605G05

ANALYTICAL QC SUMMARY REPORT**BatchID: 224402**

Sample ID: MB-224402	Client ID:					Units: ppbv	Prep Date: 05/24/2016	Run No: 317423			
SampleType: MBLK	TestCode: Toxic Organic Compounds in Air by GCMS TO-15					BatchID: 224402	Analysis Date: 05/24/2016	Seq No: 6841907			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Toluene	BRL	0.20									
trans-1,2-Dichloroethene	BRL	0.20									
trans-1,3-Dichloropropene	BRL	0.20									
Trichloroethene	BRL	0.20									
Trichlorofluoromethane	BRL	0.20									
Vinyl acetate	BRL	0.20									
Vinyl bromide	BRL	0.20									
Vinyl chloride	BRL	0.20									
Xylenes, Total	BRL	0.60									
Surr: 4-Bromofluorobenzene	3.910	0	4.000		97.8	70	130				

Sample ID: LCS-224402	Client ID:					Units: ppbv	Prep Date: 05/24/2016	Run No: 317423			
SampleType: LCS	TestCode: Toxic Organic Compounds in Air by GCMS TO-15					BatchID: 224402	Analysis Date: 05/24/2016	Seq No: 6841908			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1,1-Trichloroethane	3.840	0.20	4.000		96.0	70	130				
1,1,2,2-Tetrachloroethane	3.990	0.20	4.000	0.1500	96.0	70	130				
1,1,2-Trichloroethane	4.220	0.20	4.000	0.1500	102	70	130				
1,1-Dichloroethane	3.940	0.20	4.000		98.5	70	130				
1,1-Dichloroethene	4.090	0.20	4.000		102	70	130				
1,2,4-Trichlorobenzene	3.480	0.20	4.000	0.07000	85.2	70	130				
1,2,4-Trimethylbenzene	3.790	0.20	4.000	0.1100	92.0	70	130				
1,2-Dibromoethane	3.970	0.20	4.000	0.1100	96.5	70	130				
1,2-Dichlorobenzene	3.710	0.20	4.000	0.1200	89.8	70	130				
1,2-Dichloroethane	4.150	0.20	4.000		104	70	130				
1,2-Dichloropropane	4.310	0.20	4.000		108	70	130				
1,3,5-Trimethylbenzene	3.860	0.20	4.000	0.1100	93.8	70	130				
1,3-Butadiene	3.760	0.20	4.000		94.0	70	130				

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Planning Specialists, Inc.
 Project Name: Grantville Mill
 Workorder: 1605G05

ANALYTICAL QC SUMMARY REPORT

BatchID: 224402

Sample ID: LCS-224402	Client ID:	Units: ppbv				Prep Date:	05/24/2016	Run No:	317423		
SampleType: LCS	TestCode: Toxic Organic Compounds in Air by GCMS TO-15	BatchID: 224402				Analysis Date:	05/24/2016	Seq No:	6841908		
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,3-Dichlorobenzene	3.770	0.20	4.000	0.1200	91.2	70	130				
1,4-Dichlorobenzene	3.730	0.20	4.000	0.1200	90.2	70	130				
1,4-Dioxane	4.160	0.20	4.000		104	70	130				
2,2,4-Trimethylpentane	4.240	0.20	4.000		106	70	130				
2-Butanone	3.740	0.20	4.000		93.5	70	130				
2-Hexanone	4.180	0.20	4.000		104	70	130				
4-Ethyltoluene	3.790	0.20	4.000		94.8	70	130				
4-Methyl-2-pentanone	4.380	0.20	4.000		110	70	130				
Acetone	3.810	1.0	4.000	0.1600	91.2	70	130				
Allyl chloride	4.520	0.20	4.000		113	70	130				
Benzene	4.140	0.20	4.000	0.2900	96.2	70	130				B
Benzyl chloride	4.500	0.20	4.000		112	70	130				
Bromodichloromethane	4.080	0.20	4.000		102	70	130				
Bromoform	3.860	0.20	4.000	0.06000	95.0	70	130				
Bromomethane	3.600	0.20	4.000		90.0	70	130				
Carbon disulfide	4.340	0.20	4.000		108	70	130				
Carbon tetrachloride	3.970	0.20	4.000	0.07000	97.5	70	130				
Chlorobenzene	3.920	0.20	4.000	0.1700	93.8	70	130				
Chloroethane	3.670	0.20	4.000		91.8	70	130				
Chloroform	3.850	0.20	4.000	0.07000	94.5	70	130				
Chloromethane	3.940	0.20	4.000		98.5	70	130				
cis-1,2-Dichloroethene	3.790	0.20	4.000		94.8	70	130				
cis-1,3-Dichloropropene	4.280	0.20	4.000		107	70	130				
Cyclohexane	4.000	0.20	4.000		100	70	130				
Dibromochloromethane	3.870	0.20	4.000	0.05000	95.5	70	130				
Dichlorodifluoromethane	3.710	0.20	4.000		92.8	70	130				
Ethyl acetate	4.030	0.20	4.000		101	70	130				

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Planning Specialists, Inc.
 Project Name: Grantville Mill
 Workorder: 1605G05

ANALYTICAL QC SUMMARY REPORT

BatchID: 224402

Sample ID: LCS-224402	Client ID:					Units: ppbv	Prep Date: 05/24/2016	Run No: 317423			
SampleType: LCS	TestCode: Toxic Organic Compounds in Air by GCMS TO-15					BatchID: 224402	Analysis Date: 05/24/2016	Seq No: 6841908			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Ethylbenzene	4.070	0.20	4.000	0.1600	97.8	70	130				
Freon-113	4.190	0.20	4.000		105	70	130				
Freon-114	3.680	0.20	4.000		92.0	70	130				
Hexachlorobutadiene	3.370	0.20	4.000	0.07000	82.5	70	130				
m,p-Xylene	8.020	0.40	8.000	0.3000	96.5	70	130				
Methyl tert-butyl ether	3.830	0.20	4.000		95.8	70	130				
Methylene chloride	4.230	0.20	4.000	0.1800	101	70	130				
n-Heptane	4.350	0.20	4.000		109	70	130				
n-Hexane	4.050	0.20	4.000		101	70	130				
o-Xylene	4.000	0.20	4.000	0.1600	96.0	70	130				
Propene	3.700	0.20	4.000		92.5	70	130				
Styrene	4.010	0.20	4.000	0.1400	96.8	70	130				
Tetrachloroethene	3.820	0.20	4.000	0.1700	91.2	70	130				
Tetrahydrofuran	4.030	0.20	4.000		101	70	130				
Toluene	4.220	0.20	4.000	0.1900	101	70	130				
trans-1,2-Dichloroethene	3.680	0.20	4.000		92.0	70	130				
trans-1,3-Dichloropropene	4.350	0.20	4.000		109	70	130				
Trichloroethene	4.030	0.20	4.000	0.1100	98.0	70	130				
Trichlorofluoromethane	3.640	0.20	4.000		91.0	70	130				
Vinyl acetate	3.850	0.20	4.000		96.2	70	130				
Vinyl bromide	3.580	0.20	4.000		89.5	70	130				
Vinyl chloride	3.760	0.20	4.000		94.0	70	130				
Xylenes, Total	12.02	0.60	12.00	0.4600	96.3	70	130				
Surr: 4-Bromofluorobenzene	3.570	0	4.000		89.2	70	130				

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Workorder: 1605G05

ANALYTICAL QC SUMMARY REPORT**BatchID: 224402**

Sample ID: 1605G05-001ADUP	Client ID: 16139-IA-1	Units: ppbv				Prep Date: 05/24/2016	Run No: 317539				
SampleType: DUP	TestCode: Toxic Organic Compounds in Air by GCMS TO-15	BatchID: 224402				Analysis Date: 05/25/2016	Seq No: 6842884				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1,1-Trichloroethane	BRL	0.20						0	0	25	
1,1,2,2-Tetrachloroethane	BRL	0.20						0	0	25	
1,1,2-Trichloroethane	BRL	0.20						0	0	25	
1,1-Dichloroethane	BRL	0.20						0	0	25	
1,1-Dichloroethene	BRL	0.20						0	0	25	
1,2,4-Trichlorobenzene	BRL	0.20						0	0	25	
1,2,4-Trimethylbenzene	BRL	0.20						0	0	25	
1,2-Dibromoethane	BRL	0.20						0	0	25	
1,2-Dichlorobenzene	BRL	0.20						0	0	25	
1,2-Dichloroethane	BRL	0.20						0	0	25	
1,2-Dichloropropane	BRL	0.20						0	0	25	
1,3,5-Trimethylbenzene	BRL	0.20						0	0	25	
1,3-Butadiene	BRL	0.20						0	0	25	
1,3-Dichlorobenzene	BRL	0.20						0	0	25	
1,4-Dichlorobenzene	BRL	0.20						0	0	25	
1,4-Dioxane	BRL	0.20						0	0	25	
2,2,4-Trimethylpentane	BRL	0.20						0	0	25	
2-Butanone	0.5100	0.20						0.4900	4.00	25	
2-Hexanone	BRL	0.20						0	0	25	
4-Ethyltoluene	BRL	0.20						0	0	25	
4-Methyl-2-pentanone	BRL	0.20						0	0	25	
Acetone	11.05	1.0						11.02	0.272	25	
Allyl chloride	BRL	0.20						0	0	25	
Benzene	BRL	0.20						0.1000	0	25	
Benzyl chloride	BRL	0.20						0	0	25	
Bromodichloromethane	BRL	0.20						0	0	25	
Bromoform	BRL	0.20						0	0	25	

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Workorder: 1605G05

ANALYTICAL QC SUMMARY REPORT**BatchID: 224402**

Sample ID: 1605G05-001ADUP	Client ID: 16139-IA-1	Units: ppbv				Prep Date: 05/24/2016	Run No: 317539				
SampleType: DUP	TestCode: Toxic Organic Compounds in Air by GCMS TO-15	BatchID: 224402				Analysis Date: 05/25/2016	Seq No: 6842884				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Bromomethane	BRL	0.20						0	0	25	
Carbon disulfide	BRL	0.20						0	0	25	
Carbon tetrachloride	BRL	0.20						0	0	25	
Chlorobenzene	BRL	0.20						0	0	25	
Chloroethane	BRL	0.20						0	0	25	
Chloroform	BRL	0.20						0.07000	0	25	
Chloromethane	0.4900	0.20						0.4800	2.06	25	
cis-1,2-Dichloroethene	BRL	0.20						0	0	25	
cis-1,3-Dichloropropene	BRL	0.20						0	0	25	
Cyclohexane	BRL	0.20						0	0	25	
Dibromochloromethane	BRL	0.20						0	0	25	
Dichlorodifluoromethane	0.3900	0.20						0.3900	0	25	
Ethyl acetate	BRL	0.20						0	0	25	
Ethylbenzene	BRL	0.20						0	0	25	
Freon-113	BRL	0.20						0.06000	0	25	
Freon-114	BRL	0.20						0	0	25	
Hexachlorobutadiene	BRL	0.20						0	0	25	
m,p-Xylene	BRL	0.40						0.09000	0	25	
Methyl tert-butyl ether	BRL	0.20						0	0	25	
Methylene chloride	0.8800	0.20						0.8600	2.30	25	
n-Heptane	BRL	0.20						0	0	25	
n-Hexane	BRL	0.20						0	0	25	
o-Xylene	BRL	0.20						0.05000	0	25	
Propene	BRL	0.20						0	0	25	
Styrene	BRL	0.20						0	0	25	
Tetrachloroethene	BRL	0.20						0.1000	0	25	
Tetrahydrofuran	1.070	0.20						1.090	1.85	25	

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Workorder: 1605G05

ANALYTICAL QC SUMMARY REPORT

BatchID: 224402

Sample ID: 1605G05-001ADUP	Client ID: 16139-IA-1	Units: ppbv				Prep Date: 05/24/2016	Run No: 317539				
SampleType: DUP	TestCode: Toxic Organic Compounds in Air by GCMS TO-15	BatchID: 224402				Analysis Date: 05/25/2016	Seq No: 6842884				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Toluene	0.2300	0.20						0.2300	0	25	
trans-1,2-Dichloroethene	BRL	0.20						0	0	25	
trans-1,3-Dichloropropene	BRL	0.20						0	0	25	
Trichloroethene	BRL	0.20						0	0	25	
Trichlorofluoromethane	BRL	0.20						0.1800	0	25	
Vinyl acetate	BRL	0.20						0	0	25	
Vinyl bromide	BRL	0.20						0	0	25	
Vinyl chloride	BRL	0.20						0	0	25	
Xylenes, Total	BRL	0.60						0.1400	0	25	
Surr: 4-Bromofluorobenzene	3.850	0	4.000		96.2	70	130	3.870	0	0	

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		



ANALYTICAL ENVIRONMENTAL SERVICES, INC.

June 29, 2016

Aaron Williams
Environmental Planning Specialists, Inc.
1050 Crown Pointe Parkway
Atlanta GA 30338

TEL: (404) 315-9113
FAX: (404) 315-8509

RE: Grantville Mill

Dear Aaron Williams:

Order No: 1606M09

Analytical Environmental Services, Inc. received 3 samples on 6/22/2016 3:15:00 PM for the analyses presented in following report.

No problems were encountered during the analyses. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits. Any discrepancies associated with the analyses contained herein will be noted and submitted in the form of a project Case Narrative.

AES's accreditations are as follows:

- NELAC/Florida State Laboratory ID E87582 for analysis of Non-Potable Water, Solid & Chemical Materials, and Drinking Water Microbiology, effective 07/01/15-06/30/16.
- NELAC/Louisiana Agency Interest No. 100818 for or analysis of Non-Potable Water and Solid & Chemical Materials, effective 07/01/15-06/30/16.
- NELAC/Texas Certificate No. T104704509-16-6 for or analysis of Non-Potable Water and Solid & Chemical Materials, effective 03/01/16-02/28/17.
- AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Organics, Metals, PCM Asbestos, Gravimetric), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 09/01/17.

Chantelle Kanhai
Project Manager



3080 Presidential Drive, Atlanta GA 30340-3704

AES

TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 1106409

Date: 6-22-16 Page 1 of 1

COMPANY: EPS Inc.		ADDRESS: 1050 Crown Point Pkwy Ste. 550 Atlanta, GA 30338		ANALYSIS REQUESTED												Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.		No # of Containers				
PHONE: 404 315 9113		FAX:		PRESERVATION (See codes)																		
SAMPLED BY: Alex Testoff / Alex Hyman		SIGNATURE: <i>[Signature]</i>																				
#	SAMPLE ID	SAMPLED		DATE	TIME	Grab	Composite	Matrix (See codes)														
1	16173-MW-16	6-22-11	1215	X				GW	X													
2	16173-TW-1	6-22-11	1315	X				GW	X													2
3	Trip Blank							W	X													2
4																						2
5																						
6																						
7																						
8																						
9																						
10																						
11																						
12																						
13																						
14																						
RELINQUISHED BY: <i>[Signature]</i>		DATE/TIME: 6-22-11 1515		RECEIVED BY: <i>[Signature]</i>		DATE/TIME: 6/22/11 3:15 pm		PROJECT INFORMATION												RECEIPT		
1:				1:				PROJECT NAME: Grantville Mill												Total # of Containers 6		
2:				2:				PROJECT #:														
3:				3:				SITE ADDRESS: Grantville, GA														
SPECIAL INSTRUCTIONS/COMMENTS:								SEND REPORT TO: awilliams@envplanning.com & atestoff@envplanning.com												Turnaround Time Request <input checked="" type="radio"/> Standard 5 Business Days <input type="radio"/> 2 Business Day Rush <input type="radio"/> Next Business Day Rush <input type="radio"/> Same Day Rush (auth req.) <input type="radio"/> Other		
								INVOICE TO: (IF DIFFERENT FROM ABOVE)														
								QUOTE #:														
								SHIPMENT METHOD OUT / / VIA: IN / / VIA: <input checked="" type="radio"/> CLIENT FedEx UPS MAIL COURIER <input type="radio"/> GROUND OTHER												STATE PROGRAM (if any): E-mail? Y / N; Fax? Y / N		
SAMPLES RECEIVED AFTER 3PM OR ON SATURDAY ARE CONSIDERED RECEIVED THE NEXT BUSINESS DAY. IF TURNAROUND TIME IS NOT INDICATED, AES WILL PROCEED WITH STANDARD TAT OF SAMPLES.														DATA PACKAGE: I II III IV								
MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SIV = Surface Water W = Water (Blanks) DW = Drinking Water (Blanks) O = Other (specify) _____																						
PRESERVATIVE CODES: _____																						

White Copy - Original; Yellow Copy - Client

Analytical Environmental Services, Inc
Date: 29-Jun-16

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1606M09-001

Client Sample ID: 16173-MW-16
Collection Date: 6/22/2016 12:15:00 PM
Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5030B)				
1,1,1-Trichloroethane	BRL	5.0		ug/L	225985	1	06/24/2016 04:13	CH
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	225985	1	06/24/2016 04:13	CH
1,1,2-Trichloroethane	BRL	5.0		ug/L	225985	1	06/24/2016 04:13	CH
1,1-Dichloroethane	BRL	5.0		ug/L	225985	1	06/24/2016 04:13	CH
1,1-Dichloroethene	BRL	5.0		ug/L	225985	1	06/24/2016 04:13	CH
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	225985	1	06/24/2016 04:13	CH
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	225985	1	06/24/2016 04:13	CH
1,2-Dibromoethane	BRL	5.0		ug/L	225985	1	06/24/2016 04:13	CH
1,2-Dichlorobenzene	BRL	5.0		ug/L	225985	1	06/24/2016 04:13	CH
1,2-Dichloroethane	BRL	5.0		ug/L	225985	1	06/24/2016 04:13	CH
1,2-Dichloropropane	BRL	5.0		ug/L	225985	1	06/24/2016 04:13	CH
1,3-Dichlorobenzene	BRL	5.0		ug/L	225985	1	06/24/2016 04:13	CH
1,4-Dichlorobenzene	BRL	5.0		ug/L	225985	1	06/24/2016 04:13	CH
2-Butanone	BRL	50		ug/L	225985	1	06/24/2016 04:13	CH
2-Hexanone	BRL	10		ug/L	225985	1	06/24/2016 04:13	CH
4-Methyl-2-pentanone	BRL	10		ug/L	225985	1	06/24/2016 04:13	CH
Acetone	BRL	50		ug/L	225985	1	06/24/2016 04:13	CH
Benzene	BRL	5.0		ug/L	225985	1	06/24/2016 04:13	CH
Bromodichloromethane	BRL	5.0		ug/L	225985	1	06/24/2016 04:13	CH
Bromoform	BRL	5.0		ug/L	225985	1	06/24/2016 04:13	CH
Bromomethane	BRL	5.0		ug/L	225985	1	06/24/2016 04:13	CH
Carbon disulfide	BRL	5.0		ug/L	225985	1	06/24/2016 04:13	CH
Carbon tetrachloride	BRL	5.0		ug/L	225985	1	06/24/2016 04:13	CH
Chlorobenzene	BRL	5.0		ug/L	225985	1	06/24/2016 04:13	CH
Chloroethane	BRL	10		ug/L	225985	1	06/24/2016 04:13	CH
Chloroform	BRL	5.0		ug/L	225985	1	06/24/2016 04:13	CH
Chloromethane	BRL	10		ug/L	225985	1	06/24/2016 04:13	CH
cis-1,2-Dichloroethene	BRL	5.0		ug/L	225985	1	06/24/2016 04:13	CH
cis-1,3-Dichloropropene	BRL	5.0		ug/L	225985	1	06/24/2016 04:13	CH
Cyclohexane	BRL	5.0		ug/L	225985	1	06/24/2016 04:13	CH
Dibromochloromethane	BRL	5.0		ug/L	225985	1	06/24/2016 04:13	CH
Dichlorodifluoromethane	BRL	10		ug/L	225985	1	06/24/2016 04:13	CH
Ethylbenzene	BRL	5.0		ug/L	225985	1	06/24/2016 04:13	CH
Freon-113	BRL	10		ug/L	225985	1	06/24/2016 04:13	CH
Isopropylbenzene	BRL	5.0		ug/L	225985	1	06/24/2016 04:13	CH
m,p-Xylene	BRL	5.0		ug/L	225985	1	06/24/2016 04:13	CH
Methyl acetate	BRL	5.0		ug/L	225985	1	06/24/2016 04:13	CH
Methyl tert-butyl ether	BRL	5.0		ug/L	225985	1	06/24/2016 04:13	CH
Methylcyclohexane	BRL	5.0		ug/L	225985	1	06/24/2016 04:13	CH
Methylene chloride	BRL	10		ug/L	225985	1	06/24/2016 04:13	CH
o-Xylene	BRL	5.0		ug/L	225985	1	06/24/2016 04:13	CH

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc
Date: 29-Jun-16

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1606M09-001

Client Sample ID: 16173-MW-16
Collection Date: 6/22/2016 12:15:00 PM
Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5030B)				
Styrene	BRL	5.0		ug/L	225985	1	06/24/2016 04:13	CH
Tetrachloroethene	18000	2500		ug/L	225985	500	06/24/2016 18:34	CH
Toluene	BRL	5.0		ug/L	225985	1	06/24/2016 04:13	CH
trans-1,2-Dichloroethene	BRL	5.0		ug/L	225985	1	06/24/2016 04:13	CH
trans-1,3-Dichloropropene	BRL	5.0		ug/L	225985	1	06/24/2016 04:13	CH
Trichloroethene	BRL	5.0		ug/L	225985	1	06/24/2016 04:13	CH
Trichlorofluoromethane	BRL	5.0		ug/L	225985	1	06/24/2016 04:13	CH
Vinyl chloride	BRL	2.0		ug/L	225985	1	06/24/2016 04:13	CH
Surr: 4-Bromofluorobenzene	79.5	70.7-125		%REC	225985	500	06/24/2016 18:34	CH
Surr: 4-Bromofluorobenzene	86.9	70.7-125		%REC	225985	1	06/24/2016 04:13	CH
Surr: Dibromofluoromethane	96.9	82.2-120		%REC	225985	500	06/24/2016 18:34	CH
Surr: Dibromofluoromethane	84.4	82.2-120		%REC	225985	1	06/24/2016 04:13	CH
Surr: Toluene-d8	98.5	81.8-120		%REC	225985	500	06/24/2016 18:34	CH
Surr: Toluene-d8	87	81.8-120		%REC	225985	1	06/24/2016 04:13	CH

Qualifiers: * Value exceeds maximum contaminant level
 BRL Below reporting limit
 H Holding times for preparation or analysis exceeded
 N Analyte not NELAC certified
 B Analyte detected in the associated method blank
 > Greater than Result value

E Estimated (value above quantitation range)
 S Spike Recovery outside limits due to matrix
 Narr See case narrative
 NC Not confirmed
 < Less than Result value
 J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc
Date: 29-Jun-16

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1606M09-002

Client Sample ID: 16173-TW-1
Collection Date: 6/22/2016 1:15:00 PM
Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5030B)				
1,1,1-Trichloroethane	BRL	5.0		ug/L	225985	1	06/24/2016 04:39	CH
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	225985	1	06/24/2016 04:39	CH
1,1,2-Trichloroethane	BRL	5.0		ug/L	225985	1	06/24/2016 04:39	CH
1,1-Dichloroethane	BRL	5.0		ug/L	225985	1	06/24/2016 04:39	CH
1,1-Dichloroethene	BRL	5.0		ug/L	225985	1	06/24/2016 04:39	CH
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	225985	1	06/24/2016 04:39	CH
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	225985	1	06/24/2016 04:39	CH
1,2-Dibromoethane	BRL	5.0		ug/L	225985	1	06/24/2016 04:39	CH
1,2-Dichlorobenzene	BRL	5.0		ug/L	225985	1	06/24/2016 04:39	CH
1,2-Dichloroethane	BRL	5.0		ug/L	225985	1	06/24/2016 04:39	CH
1,2-Dichloropropane	BRL	5.0		ug/L	225985	1	06/24/2016 04:39	CH
1,3-Dichlorobenzene	BRL	5.0		ug/L	225985	1	06/24/2016 04:39	CH
1,4-Dichlorobenzene	BRL	5.0		ug/L	225985	1	06/24/2016 04:39	CH
2-Butanone	BRL	50		ug/L	225985	1	06/24/2016 04:39	CH
2-Hexanone	BRL	10		ug/L	225985	1	06/24/2016 04:39	CH
4-Methyl-2-pentanone	BRL	10		ug/L	225985	1	06/24/2016 04:39	CH
Acetone	BRL	50		ug/L	225985	1	06/24/2016 04:39	CH
Benzene	BRL	5.0		ug/L	225985	1	06/24/2016 04:39	CH
Bromodichloromethane	BRL	5.0		ug/L	225985	1	06/24/2016 04:39	CH
Bromoform	BRL	5.0		ug/L	225985	1	06/24/2016 04:39	CH
Bromomethane	BRL	5.0		ug/L	225985	1	06/24/2016 04:39	CH
Carbon disulfide	BRL	5.0		ug/L	225985	1	06/24/2016 04:39	CH
Carbon tetrachloride	BRL	5.0		ug/L	225985	1	06/24/2016 04:39	CH
Chlorobenzene	BRL	5.0		ug/L	225985	1	06/24/2016 04:39	CH
Chloroethane	BRL	10		ug/L	225985	1	06/24/2016 04:39	CH
Chloroform	BRL	5.0		ug/L	225985	1	06/24/2016 04:39	CH
Chloromethane	BRL	10		ug/L	225985	1	06/24/2016 04:39	CH
cis-1,2-Dichloroethene	BRL	5.0		ug/L	225985	1	06/24/2016 04:39	CH
cis-1,3-Dichloropropene	BRL	5.0		ug/L	225985	1	06/24/2016 04:39	CH
Cyclohexane	BRL	5.0		ug/L	225985	1	06/24/2016 04:39	CH
Dibromochloromethane	BRL	5.0		ug/L	225985	1	06/24/2016 04:39	CH
Dichlorodifluoromethane	BRL	10		ug/L	225985	1	06/24/2016 04:39	CH
Ethylbenzene	BRL	5.0		ug/L	225985	1	06/24/2016 04:39	CH
Freon-113	BRL	10		ug/L	225985	1	06/24/2016 04:39	CH
Isopropylbenzene	BRL	5.0		ug/L	225985	1	06/24/2016 04:39	CH
m,p-Xylene	BRL	5.0		ug/L	225985	1	06/24/2016 04:39	CH
Methyl acetate	BRL	5.0		ug/L	225985	1	06/24/2016 04:39	CH
Methyl tert-butyl ether	BRL	5.0		ug/L	225985	1	06/24/2016 04:39	CH
Methylcyclohexane	BRL	5.0		ug/L	225985	1	06/24/2016 04:39	CH
Methylene chloride	BRL	10		ug/L	225985	1	06/24/2016 04:39	CH
o-Xylene	BRL	5.0		ug/L	225985	1	06/24/2016 04:39	CH

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 29-Jun-16

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1606M09-002

Client Sample ID: 16173-TW-1
Collection Date: 6/22/2016 1:15:00 PM
Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5030B)				
Styrene	BRL	5.0		ug/L	225985	1	06/24/2016 04:39	CH
Tetrachloroethene	3400	250		ug/L	225985	50	06/24/2016 19:52	CH
Toluene	BRL	5.0		ug/L	225985	1	06/24/2016 04:39	CH
trans-1,2-Dichloroethene	BRL	5.0		ug/L	225985	1	06/24/2016 04:39	CH
trans-1,3-Dichloropropene	BRL	5.0		ug/L	225985	1	06/24/2016 04:39	CH
Trichloroethene	BRL	5.0		ug/L	225985	1	06/24/2016 04:39	CH
Trichlorofluoromethane	BRL	5.0		ug/L	225985	1	06/24/2016 04:39	CH
Vinyl chloride	BRL	2.0		ug/L	225985	1	06/24/2016 04:39	CH
Surr: 4-Bromofluorobenzene	80.1	70.7-125		%REC	225985	50	06/24/2016 19:52	CH
Surr: 4-Bromofluorobenzene	85.2	70.7-125		%REC	225985	1	06/24/2016 04:39	CH
Surr: Dibromofluoromethane	105	82.2-120		%REC	225985	50	06/24/2016 19:52	CH
Surr: Dibromofluoromethane	96	82.2-120		%REC	225985	1	06/24/2016 04:39	CH
Surr: Toluene-d8	104	81.8-120		%REC	225985	50	06/24/2016 19:52	CH
Surr: Toluene-d8	98.2	81.8-120		%REC	225985	1	06/24/2016 04:39	CH

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc
Date: 29-Jun-16

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1606M09-003

Client Sample ID: TRIP BLANK
Collection Date: 6/22/2016
Matrix: Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5030B)				
1,1,1-Trichloroethane	BRL	5.0		ug/L	225985	1	06/24/2016 20:18	CH
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	225985	1	06/24/2016 20:18	CH
1,1,2-Trichloroethane	BRL	5.0		ug/L	225985	1	06/24/2016 20:18	CH
1,1-Dichloroethane	BRL	5.0		ug/L	225985	1	06/24/2016 20:18	CH
1,1-Dichloroethene	BRL	5.0		ug/L	225985	1	06/24/2016 20:18	CH
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	225985	1	06/24/2016 20:18	CH
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	225985	1	06/24/2016 20:18	CH
1,2-Dibromoethane	BRL	5.0		ug/L	225985	1	06/24/2016 20:18	CH
1,2-Dichlorobenzene	BRL	5.0		ug/L	225985	1	06/24/2016 20:18	CH
1,2-Dichloroethane	BRL	5.0		ug/L	225985	1	06/24/2016 20:18	CH
1,2-Dichloropropane	BRL	5.0		ug/L	225985	1	06/24/2016 20:18	CH
1,3-Dichlorobenzene	BRL	5.0		ug/L	225985	1	06/24/2016 20:18	CH
1,4-Dichlorobenzene	BRL	5.0		ug/L	225985	1	06/24/2016 20:18	CH
2-Butanone	BRL	50		ug/L	225985	1	06/24/2016 20:18	CH
2-Hexanone	BRL	10		ug/L	225985	1	06/24/2016 20:18	CH
4-Methyl-2-pentanone	BRL	10		ug/L	225985	1	06/24/2016 20:18	CH
Acetone	BRL	50		ug/L	225985	1	06/24/2016 20:18	CH
Benzene	BRL	5.0		ug/L	225985	1	06/24/2016 20:18	CH
Bromodichloromethane	BRL	5.0		ug/L	225985	1	06/24/2016 20:18	CH
Bromoform	BRL	5.0		ug/L	225985	1	06/24/2016 20:18	CH
Bromomethane	BRL	5.0		ug/L	225985	1	06/24/2016 20:18	CH
Carbon disulfide	BRL	5.0		ug/L	225985	1	06/24/2016 20:18	CH
Carbon tetrachloride	BRL	5.0		ug/L	225985	1	06/24/2016 20:18	CH
Chlorobenzene	BRL	5.0		ug/L	225985	1	06/24/2016 20:18	CH
Chloroethane	BRL	10		ug/L	225985	1	06/24/2016 20:18	CH
Chloroform	BRL	5.0		ug/L	225985	1	06/24/2016 20:18	CH
Chloromethane	BRL	10		ug/L	225985	1	06/24/2016 20:18	CH
cis-1,2-Dichloroethene	BRL	5.0		ug/L	225985	1	06/24/2016 20:18	CH
cis-1,3-Dichloropropene	BRL	5.0		ug/L	225985	1	06/24/2016 20:18	CH
Cyclohexane	BRL	5.0		ug/L	225985	1	06/24/2016 20:18	CH
Dibromochloromethane	BRL	5.0		ug/L	225985	1	06/24/2016 20:18	CH
Dichlorodifluoromethane	BRL	10		ug/L	225985	1	06/24/2016 20:18	CH
Ethylbenzene	BRL	5.0		ug/L	225985	1	06/24/2016 20:18	CH
Freon-113	BRL	10		ug/L	225985	1	06/24/2016 20:18	CH
Isopropylbenzene	BRL	5.0		ug/L	225985	1	06/24/2016 20:18	CH
m,p-Xylene	BRL	5.0		ug/L	225985	1	06/24/2016 20:18	CH
Methyl acetate	BRL	5.0		ug/L	225985	1	06/24/2016 20:18	CH
Methyl tert-butyl ether	BRL	5.0		ug/L	225985	1	06/24/2016 20:18	CH
Methylcyclohexane	BRL	5.0		ug/L	225985	1	06/24/2016 20:18	CH
Methylene chloride	BRL	10		ug/L	225985	1	06/24/2016 20:18	CH
o-Xylene	BRL	5.0		ug/L	225985	1	06/24/2016 20:18	CH

Qualifiers: * Value exceeds maximum contaminant level
 BRL Below reporting limit
 H Holding times for preparation or analysis exceeded
 N Analyte not NELAC certified
 B Analyte detected in the associated method blank
 > Greater than Result value

E Estimated (value above quantitation range)
 S Spike Recovery outside limits due to matrix
 Narr See case narrative
 NC Not confirmed
 < Less than Result value
 J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc

Date: 29-Jun-16

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1606M09-003

Client Sample ID: TRIP BLANK
Collection Date: 6/22/2016
Matrix: Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5030B)				
Styrene	BRL	5.0		ug/L	225985	1	06/24/2016 20:18	CH
Tetrachloroethene	BRL	5.0		ug/L	225985	1	06/24/2016 20:18	CH
Toluene	BRL	5.0		ug/L	225985	1	06/24/2016 20:18	CH
trans-1,2-Dichloroethene	BRL	5.0		ug/L	225985	1	06/24/2016 20:18	CH
trans-1,3-Dichloropropene	BRL	5.0		ug/L	225985	1	06/24/2016 20:18	CH
Trichloroethene	BRL	5.0		ug/L	225985	1	06/24/2016 20:18	CH
Trichlorofluoromethane	BRL	5.0		ug/L	225985	1	06/24/2016 20:18	CH
Vinyl chloride	BRL	2.0		ug/L	225985	1	06/24/2016 20:18	CH
Surr: 4-Bromofluorobenzene	80.3	70.7-125		%REC	225985	1	06/24/2016 20:18	CH
Surr: Dibromofluoromethane	102	82.2-120		%REC	225985	1	06/24/2016 20:18	CH
Surr: Toluene-d8	102	81.8-120		%REC	225985	1	06/24/2016 20:18	CH

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
- H Holding times for preparation or analysis exceeded
- N Analyte not NELAC certified
- B Analyte detected in the associated method blank
- > Greater than Result value

- E Estimated (value above quantitation range)
- S Spike Recovery outside limits due to matrix
- Narr See case narrative
- NC Not confirmed
- < Less than Result value
- J Estimated value detected below Reporting Limit

Analytical Environmental Services, Inc.

Sample/Cooler Receipt Checklist

Client EP3

Work Order Number 1606409

Checklist completed by [Signature] 6/22/2016
Signature Date

Carrier name: FedEx ☐ UPS ☐ Courier ☐ Client ☒ US Mail ☐ Other ☐

Shipping container/cooler in good condition? Yes ☒ No ☐ Not Present ☐

Custody seals intact on shipping container/cooler? Yes ☐ No ☐ Not Present ☒

Custody seals intact on sample bottles? Yes ☐ No ☐ Not Present ☒

Container/Temp Blank temperature in compliance? ($0^{\circ} \leq 6^{\circ}C$)* Yes ☒ No ☐

Cooler #1 21°C Cooler #2 ☐ Cooler #3 ☐ Cooler #4 ☐ Cooler #5 ☐ Cooler #6 ☐

Chain of custody present? Yes ☒ No ☐

Chain of custody signed when relinquished and received? Yes ☒ No ☐

Chain of custody agrees with sample labels? Yes ☒ No ☐

Samples in proper container/bottle? Yes ☒ No ☐

Sample containers intact? Yes ☒ No ☐

Sufficient sample volume for indicated test? Yes ☒ No ☐

All samples received within holding time? Yes ☒ No ☐

Was TAT marked on the COC? Yes ☒ No ☐

Proceed with Standard TAT as per project history? Yes ☐ No ☐ Not Applicable ☒

Water - VOA vials have zero headspace? No VOA vials submitted ☐ Yes ☒ No ☐

Water - pH acceptable upon receipt? Yes ☒ No ☐ Not Applicable ☐

Adjusted? ☐ Checked by ☐

Sample Condition: Good ☒ Other(Explain) ☐

(For diffusive samples or AIHA lead) Is a known blank included? Yes ☐ No ☒

See Case Narrative for resolution of the Non-Conformance.

* Samples do not have to comply with the given range for certain parameters.

\\Aes_server\\Sample Receipt\\My Documents\\COCs and pH Adjustment Sheet\\Sample_Cooler_Recipt_Checklist_Rev1.rtf

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Workorder: 1606M09

ANALYTICAL QC SUMMARY REPORT**BatchID: 225985**

Sample ID: MB-225985	Client ID:	Units: ug/L				Prep Date: 06/23/2016	Run No: 319637				
SampleType: MBLK	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 225985				Analysis Date: 06/23/2016	Seq No: 6898004				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1,1-Trichloroethane	BRL	5.0
1,1,2,2-Tetrachloroethane	BRL	5.0
1,1,2-Trichloroethane	BRL	5.0
1,1-Dichloroethane	BRL	5.0
1,1-Dichloroethene	BRL	5.0
1,2,4-Trichlorobenzene	BRL	5.0
1,2-Dibromo-3-chloropropane	BRL	5.0
1,2-Dibromoethane	BRL	5.0
1,2-Dichlorobenzene	BRL	5.0
1,2-Dichloroethane	BRL	5.0
1,2-Dichloropropane	BRL	5.0
1,3-Dichlorobenzene	BRL	5.0
1,4-Dichlorobenzene	BRL	5.0
2-Butanone	BRL	50
2-Hexanone	BRL	10
4-Methyl-2-pentanone	BRL	10
Acetone	BRL	50
Benzene	BRL	5.0
Bromodichloromethane	BRL	5.0
Bromoform	BRL	5.0
Bromomethane	BRL	5.0
Carbon disulfide	BRL	5.0
Carbon tetrachloride	BRL	5.0
Chlorobenzene	BRL	5.0
Chloroethane	BRL	10
Chloroform	BRL	5.0
Chloromethane	BRL	10

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Workorder: 1606M09

ANALYTICAL QC SUMMARY REPORT**BatchID: 225985**

Sample ID: MB-225985	Client ID:					Units: ug/L	Prep Date: 06/23/2016		Run No: 319637		
SampleType: MBLK	TestCode: TCL VOLATILE ORGANICS	SW8260B				BatchID: 225985	Analysis Date: 06/23/2016		Seq No: 6898004		
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
cis-1,2-Dichloroethene	BRL	5.0									
cis-1,3-Dichloropropene	BRL	5.0									
Cyclohexane	BRL	5.0									
Dibromochloromethane	BRL	5.0									
Dichlorodifluoromethane	BRL	10									
Ethylbenzene	BRL	5.0									
Freon-113	BRL	10									
Isopropylbenzene	BRL	5.0									
m,p-Xylene	BRL	5.0									
Methyl acetate	BRL	5.0									
Methyl tert-butyl ether	BRL	5.0									
Methylcyclohexane	BRL	5.0									
Methylene chloride	BRL	5.0									
o-Xylene	BRL	5.0									
Styrene	BRL	5.0									
Tetrachloroethene	BRL	5.0									
Toluene	BRL	5.0									
trans-1,2-Dichloroethene	BRL	5.0									
trans-1,3-Dichloropropene	BRL	5.0									
Trichloroethene	BRL	5.0									
Trichlorofluoromethane	BRL	5.0									
Vinyl chloride	BRL	2.0									
Surr: 4-Bromofluorobenzene	41.68	0	50.00		83.4	70.7	125				
Surr: Dibromofluoromethane	49.72	0	50.00		99.4	82.2	120				
Surr: Toluene-d8	52.85	0	50.00		106	81.8	120				

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Workorder: 1606M09

ANALYTICAL QC SUMMARY REPORT**BatchID: 225985**

Sample ID: LCS-225985	Client ID:					Units: ug/L	Prep Date: 06/23/2016	Run No: 319637			
SampleType: LCS	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 225985	Analysis Date: 06/23/2016	Seq No: 6898002			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	57.27	5.0	50.00		115	65.3	137				
Benzene	50.95	5.0	50.00		102	74.9	123				
Chlorobenzene	49.40	5.0	50.00		98.8	73.9	124				
Toluene	54.35	5.0	50.00		109	75	124				
Trichloroethene	53.36	5.0	50.00		107	73.1	128				
Surr: 4-Bromofluorobenzene	42.00	0	50.00		84.0	70.7	125				
Surr: Dibromofluoromethane	50.36	0	50.00		101	82.2	120				
Surr: Toluene-d8	52.30	0	50.00		105	81.8	120				

Sample ID: 1606M09-001AMS	Client ID: 16173-MW-16	Units: ug/L			Prep Date: 06/23/2016	Run No: 319700					
SampleType: MS	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 225985			Analysis Date: 06/24/2016	Seq No: 6902126					
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	26760	2500	25000		107	60	150				
Benzene	24740	2500	25000		98.9	70.1	132				
Chlorobenzene	25340	2500	25000		101	70.9	131				
Toluene	25330	2500	25000		101	70.1	133				
Trichloroethene	25450	2500	25000		102	70	136				
Surr: 4-Bromofluorobenzene	20060	0	25000		80.2	70.7	125				
Surr: Dibromofluoromethane	23450	0	25000		93.8	82.2	120				
Surr: Toluene-d8	23830	0	25000		95.3	81.8	120				

Sample ID: 1606M09-001AMSD	Client ID: 16173-MW-16	Units: ug/L				Prep Date: 06/23/2016	Run No: 319700				
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 225985				Analysis Date: 06/24/2016	Seq No: 6902127				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	27240	2500	25000		109	60	150	26760	1.78	17.7	
Benzene	25210	2500	25000		101	70.1	132	24740	1.90	20	

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Workorder: 1606M09

ANALYTICAL QC SUMMARY REPORT

BatchID: 225985

Sample ID: 1606M09-001AMSD	Client ID: 16173-MW-16	Units: ug/L	Prep Date: 06/23/2016	Run No: 319700							
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 225985	Analysis Date: 06/24/2016	Seq No: 6902127							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Chlorobenzene	24890	2500	25000		99.6	70.9	131	25340	1.77	20	
Toluene	26490	2500	25000		106	70.1	133	25330	4.46	20	
Trichloroethene	25320	2500	25000		101	70	136	25450	0.492	20	
Surr: 4-Bromofluorobenzene	20000	0	25000		80.0	70.7	125	20060	0	0	
Surr: Dibromofluoromethane	24860	0	25000		99.4	82.2	120	23450	0	0	
Surr: Toluene-d8	25560	0	25000		102	81.8	120	23830	0	0	

Qualifiers:	>	Greater than Result value	<	Less than Result value	B	Analyte detected in the associated method blank
	BRL	Below reporting limit	E	Estimated (value above quantitation range)	H	Holding times for preparation or analysis exceeded
	J	Estimated value detected below Reporting Limit	N	Analyte not NELAC certified	R	RPD outside limits due to matrix
	Rpt Lim	Reporting Limit	S	Spike Recovery outside limits due to matrix		

18 February 2016

Mr. Aaron Williams
EPS, Inc.
1050 Crown Pointe Parkway, Suite 550
Atlanta, GA 30338



H&P Project: EPS021116-15
Client Project: Grantville Mill

Dear Mr. Aaron Williams:

Enclosed is the analytical report for the above referenced project. The data herein applies to samples as received by H&P Mobile Geochemistry, Inc. on 11-Feb-16 which were analyzed in accordance with the attached Chain of Custody record(s).

The results for all sample analyses and required QA/QC analyses are presented in the following sections and summarized in the documents:

- Sample Summary
- Case Narrative (if applicable)
- Sample Results
- Quality Control Summary
- Notes and Definitions / Appendix
- Chain of Custody
- Sampling Logs (if applicable)

Unless otherwise noted, I certify that all analyses were performed and reviewed in compliance with our Quality Systems Manual and Standard Operating Procedures. This report shall not be reproduced, except in full, without the written approval of H&P Mobile Geochemistry, Inc.

We at H&P Mobile Geochemistry, Inc. sincerely appreciate the opportunity to provide analytical services to you on this project. If you have any questions or concerns regarding this analytical report, please contact me at your convenience at 760-804-9678.

Sincerely,



Janis Villarreal
Laboratory Director

H&P Mobile Geochemistry, Inc. is certified under the California ELAP, the National Environmental Laboratory Accreditation Conference (NELAC) and the Department of Defense Accreditation Programs.

EPS, Inc.
1050 Crown Pointe Parkway, Suite 550
Atlanta, GA 30338

Project: EPS021116-15
Project Number: Grantville Mill
Project Manager: Mr. Aaron Williams

Reported:
18-Feb-16 07:50

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
16040-SG-1	E602065-01	Vapor	09-Feb-16	11-Feb-16
16040-SG-2	E602065-02	Vapor	09-Feb-16	11-Feb-16
16040-SG-3	E602065-03	Vapor	09-Feb-16	11-Feb-16
16040-SG-4	E602065-04	Vapor	09-Feb-16	11-Feb-16

The percent recoveries for 1,2,4-Trichlorobenzene and Hexachlorobutadiene fell below the method criteria in the continuing calibration verification. Any results for these analytes may be biased low.

EPS, Inc.
1050 Crown Pointe Parkway, Suite 550
Atlanta, GA 30338

Project: EPS021116-15
Project Number: Grantville Mill
Project Manager: Mr. Aaron Williams

Reported:
18-Feb-16 07:50

DETECTIONS SUMMARY

Sample ID: **16040-SG-1**

Laboratory ID: **E602065-01**

Analyte	Result	Reporting	Units	Method	Notes
		Limit			
Acetone	26	24	ug/m3	EPA TO-15	
Carbon disulfide	6.5	6.3	ug/m3	EPA TO-15	
Benzene	16	3.2	ug/m3	EPA TO-15	
1,2-Dichloropropane	170	9.4	ug/m3	EPA TO-15	
Toluene	130	3.8	ug/m3	EPA TO-15	
Tetrachloroethene	210	6.9	ug/m3	EPA TO-15	
Ethylbenzene	7.8	4.4	ug/m3	EPA TO-15	
m,p-Xylene	20	8.8	ug/m3	EPA TO-15	
o-Xylene	6.3	4.4	ug/m3	EPA TO-15	

Sample ID: **16040-SG-2**

Laboratory ID: **E602065-02**

Analyte	Result	Reporting	Units	Method	Notes
		Limit			
Chloromethane	2.1	2.1	ug/m3	EPA TO-15	
Acetone	49	24	ug/m3	EPA TO-15	
Benzene	9.6	3.2	ug/m3	EPA TO-15	
1,2-Dichloropropane	77	9.4	ug/m3	EPA TO-15	
4-Methyl-2-pentanone (MIBK)	21	8.3	ug/m3	EPA TO-15	
Toluene	66	3.8	ug/m3	EPA TO-15	
Tetrachloroethene	10	6.9	ug/m3	EPA TO-15	
1,2,4-Trimethylbenzene	6.7	5.0	ug/m3	EPA TO-15	

Sample ID: **16040-SG-3**

Laboratory ID: **E602065-03**

Analyte	Result	Reporting	Units	Method	Notes
		Limit			
Chloroform	5.4	4.9	ug/m3	EPA TO-15	
Benzene	4.3	3.2	ug/m3	EPA TO-15	
1,2-Dichloropropane	32	9.4	ug/m3	EPA TO-15	
4-Methyl-2-pentanone (MIBK)	9.8	8.3	ug/m3	EPA TO-15	
Toluene	33	3.8	ug/m3	EPA TO-15	

Sample ID: **16040-SG-4**

Laboratory ID: **E602065-04**

Analyte	Result	Reporting	Units	Method	Notes
		Limit			
2-Butanone (MEK)	40	30	ug/m3	EPA TO-15	
Chloroform	9.0	4.9	ug/m3	EPA TO-15	
Benzene	88	3.2	ug/m3	EPA TO-15	

EPS, Inc.
1050 Crown Pointe Parkway, Suite 550
Atlanta, GA 30338

Project: EPS021116-15
Project Number: Grantville Mill
Project Manager: Mr. Aaron Williams

Reported:
18-Feb-16 07:50

Sample ID: **16040-SG-4**

Laboratory ID: **E602065-04**

Analyte	Result	Reporting		Units	Method	Notes
		Limit				
1,2-Dichloropropane	95	9.4		ug/m3	EPA TO-15	
4-Methyl-2-pentanone (MIBK)	40	8.3		ug/m3	EPA TO-15	
Toluene	250	3.8		ug/m3	EPA TO-15	
Ethylbenzene	8.6	4.4		ug/m3	EPA TO-15	
m,p-Xylene	51	8.8		ug/m3	EPA TO-15	
o-Xylene	24	4.4		ug/m3	EPA TO-15	
1,2,4-Trimethylbenzene	5.3	5.0		ug/m3	EPA TO-15	

EPS, Inc.
1050 Crown Pointe Parkway, Suite 550
Atlanta, GA 30338

Project: EPS021116-15
Project Number: Grantville Mill
Project Manager: Mr. Aaron Williams

Reported:
18-Feb-16 07:50

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
16040-SG-1 (E602065-01) Vapor Sampled: 09-Feb-16 Received: 11-Feb-16									
Dichlorodifluoromethane (F12)	ND	5.0	ug/m3	1	EB61510	15-Feb-16	15-Feb-16	EPA TO-15	
Chloromethane	ND	2.1	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	7.1	"	"	"	"	"	"	
Vinyl chloride	ND	2.6	"	"	"	"	"	"	
Bromomethane	ND	16	"	"	"	"	"	"	
Chloroethane	ND	8.0	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	5.6	"	"	"	"	"	"	
Acetone	26	24	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.0	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	7.7	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	3.5	"	"	"	"	"	"	
Carbon disulfide	6.5	6.3	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	8.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.1	"	"	"	"	"	"	
2-Butanone (MEK)	ND	30	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
Chloroform	ND	4.9	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.5	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	4.1	"	"	"	"	"	"	
Benzene	16	3.2	"	"	"	"	"	"	
Carbon tetrachloride	ND	6.4	"	"	"	"	"	"	
Trichloroethene	ND	5.5	"	"	"	"	"	"	
1,2-Dichloropropane	170	9.4	"	"	"	"	"	"	
Bromodichloromethane	ND	6.8	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	ND	8.3	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
Toluene	130	3.8	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.5	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	8.3	"	"	"	"	"	"	
Dibromochloromethane	ND	8.6	"	"	"	"	"	"	
Tetrachloroethene	210	6.9	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	7.8	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
Chlorobenzene	ND	4.7	"	"	"	"	"	"	
Ethylbenzene	7.8	4.4	"	"	"	"	"	"	
m,p-Xylene	20	8.8	"	"	"	"	"	"	
Styrene	ND	4.3	"	"	"	"	"	"	

EPS, Inc.
1050 Crown Pointe Parkway, Suite 550
Atlanta, GA 30338

Project: EPS021116-15
Project Number: Grantville Mill
Project Manager: Mr. Aaron Williams

Reported:
18-Feb-16 07:50

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
16040-SG-1 (E602065-01) Vapor Sampled: 09-Feb-16 Received: 11-Feb-16									
o-Xylene	6.3	4.4	ug/m3	1	EB61510	15-Feb-16	15-Feb-16	EPA TO-15	
Bromoform	ND	10	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
4-Ethyltoluene	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	38	"	"	"	"	"	"	
Hexachlorobutadiene	ND	54	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		107 %	76-134		"	"	"	"	
<i>Surrogate: Toluene-d8</i>		100 %	78-125		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		81.0 %	77-127		"	"	"	"	
16040-SG-2 (E602065-02) Vapor Sampled: 09-Feb-16 Received: 11-Feb-16									
Dichlorodifluoromethane (F12)	ND	5.0	ug/m3	1	EB61510	15-Feb-16	15-Feb-16	EPA TO-15	
Chloromethane	2.1	2.1	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	7.1	"	"	"	"	"	"	
Vinyl chloride	ND	2.6	"	"	"	"	"	"	
Bromomethane	ND	16	"	"	"	"	"	"	
Chloroethane	ND	8.0	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	5.6	"	"	"	"	"	"	
Acetone	49	24	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.0	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	7.7	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	3.5	"	"	"	"	"	"	
Carbon disulfide	ND	6.3	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	8.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.1	"	"	"	"	"	"	
2-Butanone (MEK)	ND	30	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
Chloroform	ND	4.9	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.5	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	4.1	"	"	"	"	"	"	
Benzene	9.6	3.2	"	"	"	"	"	"	
Carbon tetrachloride	ND	6.4	"	"	"	"	"	"	

EPS, Inc.
1050 Crown Pointe Parkway, Suite 550
Atlanta, GA 30338

Project: EPS021116-15
Project Number: Grantville Mill
Project Manager: Mr. Aaron Williams

Reported:
18-Feb-16 07:50

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
16040-SG-2 (E602065-02) Vapor Sampled: 09-Feb-16 Received: 11-Feb-16									
Trichloroethene	ND	5.5	ug/m3	1	EB61510	15-Feb-16	15-Feb-16	EPA TO-15	
1,2-Dichloropropane	77	9.4	"	"	"	"	"	"	
Bromodichloromethane	ND	6.8	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	21	8.3	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
Toluene	66	3.8	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.5	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	8.3	"	"	"	"	"	"	
Dibromochloromethane	ND	8.6	"	"	"	"	"	"	
Tetrachloroethene	10	6.9	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	7.8	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
Chlorobenzene	ND	4.7	"	"	"	"	"	"	
Ethylbenzene	ND	4.4	"	"	"	"	"	"	
m,p-Xylene	ND	8.8	"	"	"	"	"	"	
Styrene	ND	4.3	"	"	"	"	"	"	
o-Xylene	ND	4.4	"	"	"	"	"	"	
Bromoform	ND	10	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
4-Ethyltoluene	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	6.7	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	38	"	"	"	"	"	"	
Hexachlorobutadiene	ND	54	"	"	"	"	"	"	
<hr/>									
Surrogate: 1,2-Dichloroethane-d4		87.6 %	76-134		"	"	"	"	
Surrogate: Toluene-d8		109 %	78-125		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		86.5 %	77-127		"	"	"	"	

EPS, Inc.
1050 Crown Pointe Parkway, Suite 550
Atlanta, GA 30338

Project: EPS021116-15
Project Number: Grantville Mill
Project Manager: Mr. Aaron Williams

Reported:
18-Feb-16 07:50

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
16040-SG-3 (E602065-03) Vapor Sampled: 09-Feb-16 Received: 11-Feb-16									
Dichlorodifluoromethane (F12)	ND	5.0	ug/m3	1	EB61510	15-Feb-16	15-Feb-16	EPA TO-15	
Chloromethane	ND	2.1	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	7.1	"	"	"	"	"	"	
Vinyl chloride	ND	2.6	"	"	"	"	"	"	
Bromomethane	ND	16	"	"	"	"	"	"	
Chloroethane	ND	8.0	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	5.6	"	"	"	"	"	"	
Acetone	ND	24	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.0	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	7.7	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	3.5	"	"	"	"	"	"	
Carbon disulfide	ND	6.3	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	8.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.1	"	"	"	"	"	"	
2-Butanone (MEK)	ND	30	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
Chloroform	5.4	4.9	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.5	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	4.1	"	"	"	"	"	"	
Benzene	4.3	3.2	"	"	"	"	"	"	
Carbon tetrachloride	ND	6.4	"	"	"	"	"	"	
Trichloroethene	ND	5.5	"	"	"	"	"	"	
1,2-Dichloropropane	32	9.4	"	"	"	"	"	"	
Bromodichloromethane	ND	6.8	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	9.8	8.3	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
Toluene	33	3.8	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.5	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	8.3	"	"	"	"	"	"	
Dibromochloromethane	ND	8.6	"	"	"	"	"	"	
Tetrachloroethene	ND	6.9	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	7.8	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
Chlorobenzene	ND	4.7	"	"	"	"	"	"	
Ethylbenzene	ND	4.4	"	"	"	"	"	"	
m,p-Xylene	ND	8.8	"	"	"	"	"	"	
Styrene	ND	4.3	"	"	"	"	"	"	

EPS, Inc.
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18-Feb-16 07:50

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
16040-SG-3 (E602065-03) Vapor Sampled: 09-Feb-16 Received: 11-Feb-16									
o-Xylene	ND	4.4	ug/m3	1	EB61510	15-Feb-16	15-Feb-16	EPA TO-15	
Bromoform	ND	10	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
4-Ethyltoluene	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	38	"	"	"	"	"	"	
Hexachlorobutadiene	ND	54	"	"	"	"	"	"	

<i>Surrogate: 1,2-Dichloroethane-d4</i>	89.4 %	76-134	"	"	"	"
<i>Surrogate: Toluene-d8</i>	99.1 %	78-125	"	"	"	"
<i>Surrogate: 4-Bromofluorobenzene</i>	86.0 %	77-127	"	"	"	"

16040-SG-4 (E602065-04) Vapor **Sampled: 09-Feb-16** **Received: 11-Feb-16**

Dichlorodifluoromethane (F12)	ND	5.0	ug/m3	1	EB61510	15-Feb-16	15-Feb-16	EPA TO-15	
Chloromethane	ND	2.1	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	7.1	"	"	"	"	"	"	
Vinyl chloride	ND	2.6	"	"	"	"	"	"	
Bromomethane	ND	16	"	"	"	"	"	"	
Chloroethane	ND	8.0	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	5.6	"	"	"	"	"	"	
Acetone	ND	24	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.0	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	7.7	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	3.5	"	"	"	"	"	"	
Carbon disulfide	ND	6.3	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	8.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.1	"	"	"	"	"	"	
2-Butanone (MEK)	40	30	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
Chloroform	9.0	4.9	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.5	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	4.1	"	"	"	"	"	"	
Benzene	88	3.2	"	"	"	"	"	"	
Carbon tetrachloride	ND	6.4	"	"	"	"	"	"	

EPS, Inc.
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Project: EPS021116-15
Project Number: Grantville Mill
Project Manager: Mr. Aaron Williams

Reported:
18-Feb-16 07:50

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
16040-SG-4 (E602065-04) Vapor Sampled: 09-Feb-16 Received: 11-Feb-16									
Trichloroethene	ND	5.5	ug/m3	1	EB61510	15-Feb-16	15-Feb-16	EPA TO-15	
1,2-Dichloropropane	95	9.4	"	"	"	"	"	"	
Bromodichloromethane	ND	6.8	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	40	8.3	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
Toluene	250	3.8	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.5	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	8.3	"	"	"	"	"	"	
Dibromochloromethane	ND	8.6	"	"	"	"	"	"	
Tetrachloroethene	ND	6.9	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	7.8	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
Chlorobenzene	ND	4.7	"	"	"	"	"	"	
Ethylbenzene	8.6	4.4	"	"	"	"	"	"	
m,p-Xylene	51	8.8	"	"	"	"	"	"	
Styrene	ND	4.3	"	"	"	"	"	"	
o-Xylene	24	4.4	"	"	"	"	"	"	
Bromoform	ND	10	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
4-Ethyltoluene	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	5.3	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	38	"	"	"	"	"	"	
Hexachlorobutadiene	ND	54	"	"	"	"	"	"	
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Surrogate: 1,2-Dichloroethane-d4		115 %	76-134		"	"	"	"	
Surrogate: Toluene-d8		107 %	78-125		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		91.1 %	77-127		"	"	"	"	

EPS, Inc.
1050 Crown Pointe Parkway, Suite 550
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Project: EPS021116-15
Project Number: Grantville Mill
Project Manager: Mr. Aaron Williams

Reported:
18-Feb-16 07:50

Volatile Organic Compounds by EPA TO-15 - Quality Control
H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch EB61510 - TO-15

Blank (EB61510-BLK1)

Prepared & Analyzed: 15-Feb-16

Dichlorodifluoromethane (F12)	ND	5.0	ug/m3
Chloromethane	ND	2.1	"
Dichlorotetrafluoroethane (F114)	ND	7.1	"
Vinyl chloride	ND	2.6	"
Bromomethane	ND	16	"
Chloroethane	ND	8.0	"
Trichlorofluoromethane (F11)	ND	5.6	"
Acetone	ND	24	"
1,1-Dichloroethene	ND	4.0	"
1,1,2-Trichlorotrifluoroethane (F113)	ND	7.7	"
Methylene chloride (Dichloromethane)	ND	3.5	"
Carbon disulfide	ND	6.3	"
trans-1,2-Dichloroethene	ND	8.0	"
1,1-Dichloroethane	ND	4.1	"
2-Butanone (MEK)	ND	30	"
cis-1,2-Dichloroethene	ND	4.0	"
Chloroform	ND	4.9	"
1,1,1-Trichloroethane	ND	5.5	"
1,2-Dichloroethane (EDC)	ND	4.1	"
Benzene	ND	3.2	"
Carbon tetrachloride	ND	6.4	"
Trichloroethene	ND	5.5	"
1,2-Dichloropropane	ND	9.4	"
Bromodichloromethane	ND	6.8	"
cis-1,3-Dichloropropene	ND	4.6	"
4-Methyl-2-pentanone (MIBK)	ND	8.3	"
trans-1,3-Dichloropropene	ND	4.6	"
Toluene	ND	3.8	"
1,1,2-Trichloroethane	ND	5.5	"
2-Hexanone (MBK)	ND	8.3	"
Dibromochloromethane	ND	8.6	"
Tetrachloroethene	ND	6.9	"
1,2-Dibromoethane (EDB)	ND	7.8	"
1,1,1,2-Tetrachloroethane	ND	7.0	"

EPS, Inc.
1050 Crown Pointe Parkway, Suite 550
Atlanta, GA 30338

Project: EPS021116-15
Project Number: Grantville Mill
Project Manager: Mr. Aaron Williams

Reported:
18-Feb-16 07:50

Volatile Organic Compounds by EPA TO-15 - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch EB61510 - TO-15

Blank (EB61510-BLK1)

Prepared & Analyzed: 15-Feb-16

Chlorobenzene	ND	4.7	ug/m3
Ethylbenzene	ND	4.4	"
m,p-Xylene	ND	8.8	"
Styrene	ND	4.3	"
o-Xylene	ND	4.4	"
Bromoform	ND	10	"
1,1,2,2-Tetrachloroethane	ND	7.0	"
4-Ethyltoluene	ND	5.0	"
1,3,5-Trimethylbenzene	ND	5.0	"
1,2,4-Trimethylbenzene	ND	5.0	"
1,3-Dichlorobenzene	ND	12	"
1,4-Dichlorobenzene	ND	12	"
1,2-Dichlorobenzene	ND	12	"
1,2,4-Trichlorobenzene	ND	38	"
Hexachlorobutadiene	ND	54	"

Surrogate: 1,2-Dichloroethane-d4	227	"	214	106	76-134
Surrogate: Toluene-d8	205	"	207	99.0	78-125
Surrogate: 4-Bromofluorobenzene	307	"	364	84.1	77-127

LCS (EB61510-BS1)

Prepared & Analyzed: 15-Feb-16

Dichlorodifluoromethane (F12)	95	5.0	ug/m3	101	94.6	59-128
Vinyl chloride	46	2.6	"	52.0	87.8	64-127
Chloroethane	60	8.0	"	53.6	112	63-127
Trichlorofluoromethane (F11)	93	5.6	"	113	82.1	62-126
1,1-Dichloroethene	71	4.0	"	80.8	88.0	61-133
1,1,2-Trichlorotrifluoroethane (F113)	140	7.7	"	155	87.5	66-126
Methylene chloride (Dichloromethane)	61	3.5	"	70.8	86.1	62-115
trans-1,2-Dichloroethene	68	8.0	"	80.8	83.6	67-124
1,1-Dichloroethane	70	4.1	"	82.4	84.4	68-126
cis-1,2-Dichloroethene	69	4.0	"	80.0	86.4	70-121
Chloroform	85	4.9	"	99.2	85.5	68-123
1,1,1-Trichloroethane	96	5.5	"	111	86.4	68-125
1,2-Dichloroethane (EDC)	71	4.1	"	82.4	86.4	65-128

EPS, Inc.
1050 Crown Pointe Parkway, Suite 550
Atlanta, GA 30338

Project: EPS021116-15
Project Number: Grantville Mill
Project Manager: Mr. Aaron Williams

Reported:
18-Feb-16 07:50

Volatile Organic Compounds by EPA TO-15 - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch EB61510 - TO-15

LCS (EB61510-BS1)

Prepared & Analyzed: 15-Feb-16

Benzene	56	3.2	ug/m3	64.8		86.4	69-119			
Carbon tetrachloride	110	6.4	"	128		87.1	68-132			
Trichloroethene	93	5.5	"	110		84.4	71-123			
Toluene	63	3.8	"	76.8		81.4	66-119			
1,1,2-Trichloroethane	91	5.5	"	111		81.9	73-119			
Tetrachloroethene	110	6.9	"	138		77.4	66-124			
1,1,1,2-Tetrachloroethane	110	7.0	"	140		79.1	67-129			
Ethylbenzene	66	4.4	"	88.4		74.3	70-124			
m,p-Xylene	67	8.8	"	88.4		76.1	61-134			
o-Xylene	66	4.4	"	88.4		74.4	67-125			
1,1,2,2-Tetrachloroethane	100	7.0	"	140		74.3	65-127			

Surrogate: 1,2-Dichloroethane-d4	228		"	214		107	76-134			
Surrogate: Toluene-d8	205		"	207		98.8	78-125			
Surrogate: 4-Bromofluorobenzene	332		"	364		91.1	77-127			

LCS Dup (EB61510-BSD1)

Prepared & Analyzed: 15-Feb-16

Dichlorodifluoromethane (F12)	95	5.0	ug/m3	101		94.1	59-128	0.633	25	
Vinyl chloride	45	2.6	"	52.0		87.2	64-127	0.684	25	
Chloroethane	59	8.0	"	53.6		110	63-127	2.03	25	
Trichlorofluoromethane (F11)	90	5.6	"	113		79.9	62-126	2.71	25	
1,1-Dichloroethene	71	4.0	"	80.8		87.6	61-133	0.397	25	
1,1,2-Trichlorotrifluoroethane (F113)	130	7.7	"	155		86.6	66-126	1.03	25	
Methylene chloride (Dichloromethane)	61	3.5	"	70.8		85.9	62-115	0.231	25	
trans-1,2-Dichloroethene	68	8.0	"	80.8		84.5	67-124	1.18	25	
1,1-Dichloroethane	70	4.1	"	82.4		85.0	68-126	0.765	25	
cis-1,2-Dichloroethene	69	4.0	"	80.0		85.8	70-121	0.701	25	
Chloroform	84	4.9	"	99.2		84.8	68-123	0.818	25	
1,1,1-Trichloroethane	96	5.5	"	111		86.0	68-125	0.518	25	
1,2-Dichloroethane (EDC)	70	4.1	"	82.4		85.0	65-128	1.63	25	
Benzene	54	3.2	"	64.8		83.9	69-119	2.93	25	
Carbon tetrachloride	110	6.4	"	128		85.3	68-132	2.08	25	
Trichloroethene	94	5.5	"	110		85.4	71-123	1.11	25	
Toluene	64	3.8	"	76.8		83.3	66-119	2.29	25	

EPS, Inc.
1050 Crown Pointe Parkway, Suite 550
Atlanta, GA 30338

Project: EPS021116-15
Project Number: Grantville Mill
Project Manager: Mr. Aaron Williams

Reported:
18-Feb-16 07:50

Volatile Organic Compounds by EPA TO-15 - Quality Control
H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch EB61510 - TO-15

LCS Dup (EB61510-BSD1)

Prepared & Analyzed: 15-Feb-16

1,1,2-Trichloroethane	90	5.5	ug/m3	111		81.1	73-119	1.04	25	
Tetrachloroethene	110	6.9	"	138		78.0	66-124	0.771	25	
1,1,1,2-Tetrachloroethane	110	7.0	"	140		80.2	67-129	1.37	25	
Ethylbenzene	66	4.4	"	88.4		74.9	70-124	0.734	25	
m,p-Xylene	67	8.8	"	88.4		75.2	61-134	1.18	25	
o-Xylene	67	4.4	"	88.4		75.3	67-125	1.33	25	
1,1,2,2-Tetrachloroethane	110	7.0	"	140		76.3	65-127	2.65	25	
Surrogate: 1,2-Dichloroethane-d4	223		"	214		104	76-134			
Surrogate: Toluene-d8	208		"	207		100	78-125			
Surrogate: 4-Bromofluorobenzene	345		"	364		94.6	77-127			

EPS, Inc.
1050 Crown Pointe Parkway, Suite 550
Atlanta, GA 30338

Project: EPS021116-15
Project Number: Grantville Mill
Project Manager: Mr. Aaron Williams

Reported:
18-Feb-16 07:50

Notes and Definitions

LCC	Leak Check Compound
ND	Analyte NOT DETECTED at or above the reporting limit
MDL	Method Detection Limit
%REC	Percent Recovery
RPD	Relative Percent Difference

Appendix

H&P Mobile Geochemistry, Inc. is approved as an Environmental Testing Laboratory and Mobile Laboratory in accordance with the DoD-ELAP and the ISO 17025 programs, certification number L11-175.

H&P is approved by the State of Arizona as an Environmental Testing Laboratory and Mobile Laboratory, certification numbers AZM758 and AZ0779.

H&P is approved by the State of California as an Environmental Laboratory and Mobile Laboratory in conformance with the Environmental Laboratory Accreditation Program (ELAP) for the category of Volatile and Semi-Volatile Organic Chemistry of Hazardous Waste, certification numbers 2740, 2741, 2743, 2744, 2745, 2754 & 2930.

H&P is approved by the State of Florida Department of Health under the National Environmental Laboratory Accreditation Conference (NELAC) certification number E871100.

The complete list of stationary and mobile laboratory certifications along with the fields of testing (FOTs) and analyte lists are available at www.handpimg.com/about/certifications.

Lab Client and Project Information			
Lab Client/Consultant: EPS Inc. Atlas Geo-Sampling		Project Name / #: Grantville Mill	
Lab Client Project Manager: Jim Fineis Aaron Williams		Project Location: Grantville, GA	
Lab Client Address: 1050 Coast Pointe Pkwy 120 Nottaway Lane Ste. 550		Report E-Mail(s): jimfineis@atlas-geo.com SUZ 2/11/16 awilliams@envuplanning.com atestoff@envuplanning.com	
Lab Client City, State, Zip: Atlanta, GA 30338 Alpharetta, GA 30009			
Phone Number: 404-315-9113 770-883-5972			
Reporting Requirements		Turnaround Time	
<input checked="" type="checkbox"/> Standard Report <input type="checkbox"/> Level III <input type="checkbox"/> Level IV <input type="checkbox"/> Excel EDD <input type="checkbox"/> Other EDD: _____ <input type="checkbox"/> CA Geotracker Global ID: _____		<input checked="" type="checkbox"/> 5-7 day Std <input type="checkbox"/> 24-Hr Rush <input type="checkbox"/> 3-day Rush <input type="checkbox"/> Mobile Lab <input type="checkbox"/> 48-Hr Rush <input type="checkbox"/> Other: _____	
Sampler Information			
Sampler(s): Alex Testoff			
Signature: Alex Testoff			
Date: 2-9-2016			

Sample Receipt (Lab Use Only)	
Date Rec'd: 2/11/16	Control #: 160155.01
H&P Project # EPS021116-15	
Lab Work Order # E602065	
Sample Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> See Notes Below	
Receipt Gauge ID: 11167	Temp: RT
Outside Lab:	
Receipt Notes/Tracking #: 1293TT618749113893	
Lab PM Initials: SUZ	

Additional Instructions to Laboratory:

- ☐ Check if Project Analyte List is Attached
- * Preferred VOC units (please choose one):
- ☐ µg/L ☒ µg/m³ ☐ ppbv ☐ ppmv

SAMPLE NAME	FIELD POINT NAME (if applicable)	DATE mm/dd/yy	TIME 24hr clock	SAMPLE TYPE Indoor Air (IA), Ambient Air (AA), Subslab (SS), Soil Vapor (SV)	CONTAINER SIZE & TYPE 400mL/1L/6L Summa or Tedlar or Tube	CONTAINER ID (###)	Lab use only: Receipt Vac	VOCs Standard Full List <input type="checkbox"/> 8260SV <input checked="" type="checkbox"/> TO-15	VOCs Short List / Project List <input type="checkbox"/> 8260SV <input type="checkbox"/> TO-15	Oxygenates <input type="checkbox"/> 8260SV <input type="checkbox"/> TO-15	Naphthalene <input type="checkbox"/> 8260SV <input type="checkbox"/> TO-15 <input type="checkbox"/> TO-17m	TPHv as Gas <input type="checkbox"/> 8260SVm <input type="checkbox"/> TO-15m	TPHv as Diesel (sorbet tube) <input type="checkbox"/> TO-17m	Aromatic/Aliphatic Fractions <input type="checkbox"/> 8260SVm <input type="checkbox"/> TO-15m	Leak Check Compound <input type="checkbox"/> DFA <input type="checkbox"/> IPA <input type="checkbox"/> He	Methane by EPA 8015m	Fixed Gases by ASTM D1945 <input type="checkbox"/> CO2 <input type="checkbox"/> O2 <input type="checkbox"/> N2			
16040-SG-1		02/09/16	11:40	SV	400 mL	135	-1.2	X												
16040-SG-2		02/09/16	12:00	SV	400 mL	221	-7.30	X												
16040-SG-3		02/09/16	12:30	SV	400 mL	250	.43	X												
16040-SG-4		02/09/16	12:45	SV	400 mL	144	-1.42	X												

Approved/Relinquished by: Alex Testoff	Company: EPS Inc	Date: 2-9-16	Time: 15:00	Received by: Joni Unsworth	Company: H&P	Date: 2/11/16	Time: 1030
Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:
Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:

25 February 2016

Mr. Aaron Williams
EPS, Inc.
1050 Crown Pointe Parkway, Suite 550
Atlanta, GA 30338



H&P Project: EPS021516-13
Client Project: Grantville Mill

Dear Mr. Aaron Williams:

Enclosed is the analytical report for the above referenced project. The data herein applies to samples as received by H&P Mobile Geochemistry, Inc. on 15-Feb-16 which were analyzed in accordance with the attached Chain of Custody record(s).

The results for all sample analyses and required QA/QC analyses are presented in the following sections and summarized in the documents:

- Sample Summary
- Case Narrative (if applicable)
- Sample Results
- Quality Control Summary
- Notes and Definitions / Appendix
- Chain of Custody
- Sampling Logs (if applicable)

Unless otherwise noted, I certify that all analyses were performed and reviewed in compliance with our Quality Systems Manual and Standard Operating Procedures. This report shall not be reproduced, except in full, without the written approval of H&P Mobile Geochemistry, Inc.

We at H&P Mobile Geochemistry, Inc. sincerely appreciate the opportunity to provide analytical services to you on this project. If you have any questions or concerns regarding this analytical report, please contact me at your convenience at 760-804-9678.

Sincerely,



Janis Villarreal
Laboratory Director

H&P Mobile Geochemistry, Inc. is certified under the California ELAP, the National Environmental Laboratory Accreditation Conference (NELAC) and the Department of Defense Accreditation Programs.

EPS, Inc.
1050 Crown Pointe Parkway, Suite 550
Atlanta, GA 30338

Project: EPS021516-13
Project Number: Grantville Mill
Project Manager: Mr. Aaron Williams

Reported:
25-Feb-16 11:37

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
16043-SG-7	E602078-01	Vapor	12-Feb-16	15-Feb-16
16043-SG-6	E602078-02	Vapor	12-Feb-16	15-Feb-16
16043-SG-5	E602078-03	Vapor	12-Feb-16	15-Feb-16
16043-SSSG-2	E602078-04	Vapor	12-Feb-16	15-Feb-16
16043-SSSG-1	E602078-05	Vapor	12-Feb-16	15-Feb-16
16043-DUP	E602078-06	Vapor	12-Feb-16	15-Feb-16

Due to the presence of elevated concentrations, the following samples were analyzed using H&P 8260SV rather than EPA Method TO-15:

16043-SG-6
16043-SG-5
16043- SSSG-1
16043-Dup

The following EPA Method TO-15 analytes are not reported by H&P 8260SV:

Dichlorotetrafluoroethane
4-Ethyltoluene

EPS, Inc.
1050 Crown Pointe Parkway, Suite 550
Atlanta, GA 30338

Project: EPS021516-13
Project Number: Grantville Mill
Project Manager: Mr. Aaron Williams

Reported:
25-Feb-16 11:37

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
16043-SG-7 (E602078-01) Vapor Sampled: 12-Feb-16 Received: 15-Feb-16										
Dichlorodifluoromethane (F12)	ND		25	ug/m3	5	EB62316	23-Feb-16	24-Feb-16	EPA TO-15	
Chloromethane	ND		10	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND		35	"	"	"	"	"	"	
Vinyl chloride	ND		13	"	"	"	"	"	"	
Bromomethane	ND		79	"	"	"	"	"	"	
Chloroethane	ND		40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND		28	"	"	"	"	"	"	
Acetone	210		120	"	"	"	"	"	"	
1,1-Dichloroethene	ND		20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND		39	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND		18	"	"	"	"	"	"	
Carbon disulfide	ND		32	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND		40	"	"	"	"	"	"	
1,1-Dichloroethane	ND		21	"	"	"	"	"	"	
2-Butanone (MEK)	ND		150	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND		20	"	"	"	"	"	"	
Chloroform	ND		25	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND		28	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND		21	"	"	"	"	"	"	
Benzene	ND		16	"	"	"	"	"	"	
Carbon tetrachloride	ND		32	"	"	"	"	"	"	
Trichloroethene	ND		27	"	"	"	"	"	"	
1,2-Dichloropropane	ND		47	"	"	"	"	"	"	
Bromodichloromethane	ND		34	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND		23	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	ND		41	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND		23	"	"	"	"	"	"	
Toluene	22		19	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND		28	"	"	"	"	"	"	
2-Hexanone (MBK)	ND		41	"	"	"	"	"	"	
Dibromochloromethane	ND		43	"	"	"	"	"	"	
Tetrachloroethene	8900		34	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND		39	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND		35	"	"	"	"	"	"	
Chlorobenzene	ND		23	"	"	"	"	"	"	
Ethylbenzene	ND		22	"	"	"	"	"	"	

EPS, Inc.
1050 Crown Pointe Parkway, Suite 550
Atlanta, GA 30338

Project: EPS021516-13
Project Number: Grantville Mill
Project Manager: Mr. Aaron Williams

Reported:
25-Feb-16 11:37

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
16043-SG-7 (E602078-01) Vapor Sampled: 12-Feb-16 Received: 15-Feb-16										
m,p-Xylene	ND		44	ug/m3	5	EB62316	23-Feb-16	24-Feb-16	EPA TO-15	
Styrene	ND		22	"	"	"	"	"	"	
o-Xylene	ND		22	"	"	"	"	"	"	
Bromoform	ND		52	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND		35	"	"	"	"	"	"	
4-Ethyltoluene	ND		25	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND		25	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND		25	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND		61	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND		61	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND		61	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND		190	"	"	"	"	"	"	
Hexachlorobutadiene	ND		270	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>			131 %	76-134		"	"	"	"	
<i>Surrogate: Toluene-d8</i>			101 %	78-125		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>			84.6 %	77-127		"	"	"	"	
16043-SSSG-2 (E602078-04) Vapor Sampled: 12-Feb-16 Received: 15-Feb-16										
Dichlorodifluoromethane (F12)	ND		25	ug/m3	5	EB62316	23-Feb-16	24-Feb-16	EPA TO-15	
Chloromethane	ND		10	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND		35	"	"	"	"	"	"	
Vinyl chloride	ND		13	"	"	"	"	"	"	
Bromomethane	ND		79	"	"	"	"	"	"	
Chloroethane	ND		40	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	62		28	"	"	"	"	"	"	
Acetone	ND		120	"	"	"	"	"	"	
1,1-Dichloroethene	ND		20	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND		39	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND		18	"	"	"	"	"	"	
Carbon disulfide	ND		32	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND		40	"	"	"	"	"	"	
1,1-Dichloroethane	ND		21	"	"	"	"	"	"	
2-Butanone (MEK)	ND		150	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND		20	"	"	"	"	"	"	
Chloroform	ND		25	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND		28	"	"	"	"	"	"	

EPS, Inc.
1050 Crown Pointe Parkway, Suite 550
Atlanta, GA 30338

Project: EPS021516-13
Project Number: Grantville Mill
Project Manager: Mr. Aaron Williams

Reported:
25-Feb-16 11:37

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
16043-SSSG-2 (E602078-04) Vapor Sampled: 12-Feb-16 Received: 15-Feb-16										
1,2-Dichloroethane (EDC)	ND		21	ug/m3	5	EB62316	23-Feb-16	24-Feb-16	EPA TO-15	
Benzene	ND		16	"	"	"	"	"	"	
Carbon tetrachloride	ND		32	"	"	"	"	"	"	
Trichloroethene	ND		27	"	"	"	"	"	"	
1,2-Dichloropropane	ND		47	"	"	"	"	"	"	
Bromodichloromethane	ND		34	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND		23	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	ND		41	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND		23	"	"	"	"	"	"	
Toluene	ND		19	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND		28	"	"	"	"	"	"	
2-Hexanone (MBK)	ND		41	"	"	"	"	"	"	
Dibromochloromethane	ND		43	"	"	"	"	"	"	
Tetrachloroethene	14000		34	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND		39	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND		35	"	"	"	"	"	"	
Chlorobenzene	ND		23	"	"	"	"	"	"	
Ethylbenzene	ND		22	"	"	"	"	"	"	
m,p-Xylene	ND		44	"	"	"	"	"	"	
Styrene	ND		22	"	"	"	"	"	"	
o-Xylene	ND		22	"	"	"	"	"	"	
Bromoform	ND		52	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND		35	"	"	"	"	"	"	
4-Ethyltoluene	ND		25	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND		25	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND		25	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND		61	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND		61	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND		61	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND		190	"	"	"	"	"	"	
Hexachlorobutadiene	ND		270	"	"	"	"	"	"	

Surrogate: 1,2-Dichloroethane-d4

129 %

76-134

"

"

"

"

Surrogate: Toluene-d8

102 %

78-125

"

"

"

"

Surrogate: 4-Bromofluorobenzene

85.0 %

77-127

"

"

"

"

EPS, Inc.
1050 Crown Pointe Parkway, Suite 550
Atlanta, GA 30338

Project: EPS021516-13
Project Number: Grantville Mill
Project Manager: Mr. Aaron Williams

Reported:
25-Feb-16 11:37

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
16043-SG-6 (E602078-02) Vapor Sampled: 12-Feb-16 Received: 15-Feb-16										J- Report
Acetone	ND	5000	5000	ug/m3	0.05	EB61714	16-Feb-16	16-Feb-16	H&P 8260SV	
2-Butanone (MEK)	ND	1000	2500	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	1000	2500	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	ND	1000	2500	"	"	"	"	"	"	
Dichlorodifluoromethane (F12)	ND	200	500	"	"	"	"	"	"	
Chloromethane	ND	200	500	"	"	"	"	"	"	
Vinyl chloride	ND	50	50	"	"	"	"	"	"	
Bromomethane	ND	200	500	"	"	"	"	"	"	
Chloroethane	ND	200	500	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	200	500	"	"	"	"	"	"	
1,1-Dichloroethene	ND	200	500	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	200	500	"	"	"	"	"	"	
Carbon disulfide	ND	200	500	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	200	500	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	200	500	"	"	"	"	"	"	
1,1-Dichloroethane	ND	200	500	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	200	500	"	"	"	"	"	"	
Chloroform	410	50	100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	200	500	"	"	"	"	"	"	
Carbon tetrachloride	ND	50	100	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	50	100	"	"	"	"	"	"	
Benzene	ND	50	100	"	"	"	"	"	"	
Trichloroethene	ND	50	100	"	"	"	"	"	"	
1,2-Dichloropropane	ND	200	500	"	"	"	"	"	"	
Bromodichloromethane	ND	200	500	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	200	500	"	"	"	"	"	"	
Toluene	ND	400	1000	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	200	500	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	200	500	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	200	500	"	"	"	"	"	"	
Tetrachloroethene	720000	2800	4000	"	2	"	"	"	"	
Dibromochloromethane	ND	200	500	"	0.05	"	"	"	"	
Chlorobenzene	ND	50	100	"	"	"	"	"	"	
Ethylbenzene	ND	200	500	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	200	500	"	"	"	"	"	"	
m,p-Xylene	ND	200	500	"	"	"	"	"	"	

EPS, Inc.
1050 Crown Pointe Parkway, Suite 550
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Project: EPS021516-13
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Reported:
25-Feb-16 11:37

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
16043-SG-6 (E602078-02) Vapor Sampled: 12-Feb-16 Received: 15-Feb-16										J- Report
o-Xylene	ND	200	500	ug/m3	0.05	EB61714	16-Feb-16	16-Feb-16	H&P 8260SV	
Styrene	ND	200	500	"	"	"	"	"	"	
Bromoform	ND	200	500	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	200	500	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	200	500	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	200	500	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	200	500	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	200	500	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	200	500	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	200	500	"	"	"	"	"	"	
Hexachlorobutadiene	ND	200	500	"	"	"	"	"	"	

Surrogate: Dibromofluoromethane	99.9 %	75-125	"	"	"	"
Surrogate: 1,2-Dichloroethane-d4	98.9 %	75-125	"	"	"	"
Surrogate: Toluene-d8	93.4 %	75-125	"	"	"	"
Surrogate: 4-Bromofluorobenzene	98.9 %	75-125	"	"	"	"

16043-SG-5 (E602078-03) Vapor Sampled: 12-Feb-16 Received: 15-Feb-16										J- Report
Acetone	ND	5000	5000	ug/m3	0.05	EB61714	16-Feb-16	16-Feb-16	H&P 8260SV	
2-Butanone (MEK)	ND	1000	2500	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	1000	2500	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	ND	1000	2500	"	"	"	"	"	"	
Dichlorodifluoromethane (F12)	ND	200	500	"	"	"	"	"	"	
Chloromethane	ND	200	500	"	"	"	"	"	"	
Vinyl chloride	ND	50	50	"	"	"	"	"	"	
Bromomethane	ND	200	500	"	"	"	"	"	"	
Chloroethane	ND	200	500	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	200	500	"	"	"	"	"	"	
1,1-Dichloroethene	ND	200	500	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	200	500	"	"	"	"	"	"	
Carbon disulfide	ND	200	500	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	200	500	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	200	500	"	"	"	"	"	"	
1,1-Dichloroethane	ND	200	500	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	200	500	"	"	"	"	"	"	
Chloroform	ND	50	100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	200	500	"	"	"	"	"	"	

EPS, Inc.
1050 Crown Pointe Parkway, Suite 550
Atlanta, GA 30338

Project: EPS021516-13
Project Number: Grantville Mill
Project Manager: Mr. Aaron Williams

Reported:
25-Feb-16 11:37

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
16043-SG-5 (E602078-03) Vapor Sampled: 12-Feb-16 Received: 15-Feb-16										J- Report
Carbon tetrachloride	ND	50	100	ug/m3	0.05	EB61714	16-Feb-16	16-Feb-16	H&P 8260SV	
1,2-Dichloroethane (EDC)	ND	50	100	"	"	"	"	"	"	
Benzene	ND	50	100	"	"	"	"	"	"	
Trichloroethene	ND	50	100	"	"	"	"	"	"	
1,2-Dichloropropane	ND	200	500	"	"	"	"	"	"	
Bromodichloromethane	ND	200	500	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	200	500	"	"	"	"	"	"	
Toluene	ND	400	1000	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	200	500	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	200	500	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	200	500	"	"	"	"	"	"	
Tetrachloroethene	270000	1400	2000	"	1	"	"	"	"	
Dibromochloromethane	ND	200	500	"	0.05	"	"	"	"	
Chlorobenzene	ND	50	100	"	"	"	"	"	"	
Ethylbenzene	ND	200	500	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	200	500	"	"	"	"	"	"	
m,p-Xylene	ND	200	500	"	"	"	"	"	"	
o-Xylene	ND	200	500	"	"	"	"	"	"	
Styrene	ND	200	500	"	"	"	"	"	"	
Bromoform	ND	200	500	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	200	500	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	200	500	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	200	500	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	200	500	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	200	500	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	200	500	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	200	500	"	"	"	"	"	"	
Hexachlorobutadiene	ND	200	500	"	"	"	"	"	"	
<hr/>										
Surrogate: Dibromofluoromethane			102 %	75-125		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4			108 %	75-125		"	"	"	"	
Surrogate: Toluene-d8			99.4 %	75-125		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			103 %	75-125		"	"	"	"	

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Reported:
25-Feb-16 11:37

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
16043-SSSG-1 (E602078-05) Vapor Sampled: 12-Feb-16 Received: 15-Feb-16										J- Report
Acetone	ND	5000	5000	ug/m3	0.05	EB61714	16-Feb-16	16-Feb-16	H&P 8260SV	
2-Butanone (MEK)	ND	1000	2500	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	1000	2500	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	ND	1000	2500	"	"	"	"	"	"	
Dichlorodifluoromethane (F12)	ND	200	500	"	"	"	"	"	"	
Chloromethane	ND	200	500	"	"	"	"	"	"	
Vinyl chloride	ND	50	50	"	"	"	"	"	"	
Bromomethane	ND	200	500	"	"	"	"	"	"	
Chloroethane	ND	200	500	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	600	200	500	"	"	"	"	"	"	
1,1-Dichloroethene	ND	200	500	"	"	"	"	"	"	
1,1,2 Trichlorotrifluoroethane (F113)	ND	200	500	"	"	"	"	"	"	
Carbon disulfide	ND	200	500	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	200	500	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	200	500	"	"	"	"	"	"	
1,1-Dichloroethane	ND	200	500	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	200	500	"	"	"	"	"	"	
Chloroform	ND	50	100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	200	500	"	"	"	"	"	"	
Carbon tetrachloride	ND	50	100	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	50	100	"	"	"	"	"	"	
Benzene	ND	50	100	"	"	"	"	"	"	
Trichloroethene	60	50	100	"	"	"	"	"	"	J
1,2-Dichloropropane	ND	200	500	"	"	"	"	"	"	
Bromodichloromethane	ND	200	500	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	200	500	"	"	"	"	"	"	
Toluene	ND	400	1000	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	200	500	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	200	500	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	200	500	"	"	"	"	"	"	
Tetrachloroethene	72000	70	100	"	"	"	"	"	"	
Dibromochloromethane	ND	200	500	"	"	"	"	"	"	
Chlorobenzene	ND	50	100	"	"	"	"	"	"	
Ethylbenzene	ND	200	500	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	200	500	"	"	"	"	"	"	
m,p-Xylene	ND	200	500	"	"	"	"	"	"	

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Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
16043-SSSG-1 (E602078-05) Vapor Sampled: 12-Feb-16 Received: 15-Feb-16 J- Report										
o-Xylene	ND	200	500	ug/m3	0.05	EB61714	16-Feb-16	16-Feb-16	H&P 8260SV	
Styrene	ND	200	500	"	"	"	"	"	"	
Bromoform	ND	200	500	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	200	500	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	200	500	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	200	500	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	200	500	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	200	500	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	200	500	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	200	500	"	"	"	"	"	"	
Hexachlorobutadiene	ND	200	500	"	"	"	"	"	"	

Surrogate: Dibromofluoromethane	106 %	75-125	"	"	"	"
Surrogate: 1,2-Dichloroethane-d4	104 %	75-125	"	"	"	"
Surrogate: Toluene-d8	98.2 %	75-125	"	"	"	"
Surrogate: 4-Bromofluorobenzene	101 %	75-125	"	"	"	"

16043-DUP (E602078-06) Vapor Sampled: 12-Feb-16 Received: 15-Feb-16 J- Report									
Acetone	ND	5000	5000	ug/m3	0.05	EB61714	16-Feb-16	16-Feb-16	H&P 8260SV
2-Butanone (MEK)	ND	1000	2500	"	"	"	"	"	"
2-Hexanone (MBK)	ND	1000	2500	"	"	"	"	"	"
4-Methyl-2-pentanone (MIBK)	ND	1000	2500	"	"	"	"	"	"
Dichlorodifluoromethane (F12)	ND	200	500	"	"	"	"	"	"
Chloromethane	ND	200	500	"	"	"	"	"	"
Vinyl chloride	ND	50	50	"	"	"	"	"	"
Bromomethane	ND	200	500	"	"	"	"	"	"
Chloroethane	ND	200	500	"	"	"	"	"	"
Trichlorofluoromethane (F11)	ND	200	500	"	"	"	"	"	"
1,1-Dichloroethene	ND	200	500	"	"	"	"	"	"
1,1,2 Trichlorotrifluoroethane (F113)	ND	200	500	"	"	"	"	"	"
Carbon disulfide	ND	200	500	"	"	"	"	"	"
Methylene chloride (Dichloromethane)	ND	200	500	"	"	"	"	"	"
trans-1,2-Dichloroethene	ND	200	500	"	"	"	"	"	"
1,1-Dichloroethane	ND	200	500	"	"	"	"	"	"
cis-1,2-Dichloroethene	ND	200	500	"	"	"	"	"	"
Chloroform	ND	50	100	"	"	"	"	"	"
1,1,1-Trichloroethane	ND	200	500	"	"	"	"	"	"

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25-Feb-16 11:37

Volatile Organic Compounds by H&P 8260SV

H&P Mobile Geochemistry, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
16043-DUP (E602078-06) Vapor Sampled: 12-Feb-16 Received: 15-Feb-16										J- Report
Carbon tetrachloride	ND	50	100	ug/m3	0.05	EB61714	16-Feb-16	16-Feb-16	H&P 8260SV	
1,2-Dichloroethane (EDC)	ND	50	100	"	"	"	"	"	"	
Benzene	ND	50	100	"	"	"	"	"	"	
Trichloroethene	ND	50	100	"	"	"	"	"	"	
1,2-Dichloropropane	ND	200	500	"	"	"	"	"	"	
Bromodichloromethane	ND	200	500	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	200	500	"	"	"	"	"	"	
Toluene	ND	400	1000	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	200	500	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	200	500	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	200	500	"	"	"	"	"	"	
Tetrachloroethene	260000	1400	2000	"	1	"	"	"	"	
Dibromochloromethane	ND	200	500	"	0.05	"	"	"	"	
Chlorobenzene	ND	50	100	"	"	"	"	"	"	
Ethylbenzene	ND	200	500	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	200	500	"	"	"	"	"	"	
m,p-Xylene	ND	200	500	"	"	"	"	"	"	
o-Xylene	ND	200	500	"	"	"	"	"	"	
Styrene	ND	200	500	"	"	"	"	"	"	
Bromoform	ND	200	500	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	200	500	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	200	500	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	200	500	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	200	500	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	200	500	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	200	500	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	200	500	"	"	"	"	"	"	
Hexachlorobutadiene	ND	200	500	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane			100 %	75-125		"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4			108 %	75-125		"	"	"	"	
Surrogate: Toluene-d8			95.0 %	75-125		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			101 %	75-125		"	"	"	"	

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Reported:
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Volatile Organic Compounds by EPA TO-15 - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch EB62316 - TO-15

Blank (EB62316-BLK1)

Prepared & Analyzed: 23-Feb-16

Dichlorodifluoromethane (F12)	ND	5.0	ug/m3
Chloromethane	ND	2.1	"
Dichlorotetrafluoroethane (F114)	ND	7.1	"
Vinyl chloride	ND	2.6	"
Bromomethane	ND	16	"
Chloroethane	ND	8.0	"
Trichlorofluoromethane (F11)	ND	5.6	"
Acetone	ND	24	"
1,1-Dichloroethene	ND	4.0	"
1,1,2-Trichlorotrifluoroethane (F113)	ND	7.7	"
Methylene chloride (Dichloromethane)	ND	3.5	"
Carbon disulfide	ND	6.3	"
trans-1,2-Dichloroethene	ND	8.0	"
1,1-Dichloroethane	ND	4.1	"
2-Butanone (MEK)	ND	30	"
cis-1,2-Dichloroethene	ND	4.0	"
Chloroform	ND	4.9	"
1,1,1-Trichloroethane	ND	5.5	"
1,2-Dichloroethane (EDC)	ND	4.1	"
Benzene	ND	3.2	"
Carbon tetrachloride	ND	6.4	"
Trichloroethene	ND	5.5	"
1,2-Dichloropropane	ND	9.4	"
Bromodichloromethane	ND	6.8	"
cis-1,3-Dichloropropene	ND	4.6	"
4-Methyl-2-pentanone (MIBK)	ND	8.3	"
trans-1,3-Dichloropropene	ND	4.6	"
Toluene	ND	3.8	"
1,1,2-Trichloroethane	ND	5.5	"
2-Hexanone (MBK)	ND	8.3	"
Dibromochloromethane	ND	8.6	"
Tetrachloroethene	ND	6.9	"
1,2-Dibromoethane (EDB)	ND	7.8	"
1,1,1,2-Tetrachloroethane	ND	7.0	"

EPS, Inc.
1050 Crown Pointe Parkway, Suite 550
Atlanta, GA 30338

Project: EPS021516-13
Project Number: Grantville Mill
Project Manager: Mr. Aaron Williams

Reported:
25-Feb-16 11:37

Volatile Organic Compounds by EPA TO-15 - Quality Control
H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch EB62316 - TO-15

Blank (EB62316-BLK1)

Prepared & Analyzed: 23-Feb-16

Chlorobenzene	ND	4.7	ug/m3
Ethylbenzene	ND	4.4	"
m,p-Xylene	ND	8.8	"
Styrene	ND	4.3	"
o-Xylene	ND	4.4	"
Bromoform	ND	10	"
1,1,2,2-Tetrachloroethane	ND	7.0	"
4-Ethyltoluene	ND	5.0	"
1,3,5-Trimethylbenzene	ND	5.0	"
1,2,4-Trimethylbenzene	ND	5.0	"
1,3-Dichlorobenzene	ND	12	"
1,4-Dichlorobenzene	ND	12	"
1,2-Dichlorobenzene	ND	12	"
1,2,4-Trichlorobenzene	ND	38	"
Hexachlorobutadiene	ND	54	"

Surrogate: 1,2-Dichloroethane-d4	261	"	214	122	76-134
Surrogate: Toluene-d8	203	"	207	98.2	78-125
Surrogate: 4-Bromofluorobenzene	325	"	364	89.3	77-127

LCS (EB62316-BS1)

Prepared & Analyzed: 23-Feb-16

Dichlorodifluoromethane (F12)	110	5.0	ug/m3	101	110	59-128
Vinyl chloride	56	2.6	"	52.0	109	64-127
Chloroethane	52	8.0	"	53.6	97.1	63-127
Trichlorofluoromethane (F11)	120	5.6	"	113	110	62-126
1,1-Dichloroethene	84	4.0	"	80.8	104	61-133
1,1,2-Trichlorotrifluoroethane (F113)	160	7.7	"	155	106	66-126
Methylene chloride (Dichloromethane)	71	3.5	"	70.8	99.9	62-115
trans-1,2-Dichloroethene	74	8.0	"	80.8	91.5	67-124
1,1-Dichloroethane	80	4.1	"	82.4	97.3	68-126
cis-1,2-Dichloroethene	80	4.0	"	80.0	100	70-121
Chloroform	110	4.9	"	99.2	110	68-123
1,1,1-Trichloroethane	130	5.5	"	111	119	68-125
1,2-Dichloroethane (EDC)	93	4.1	"	82.4	112	65-128

EPS, Inc.
1050 Crown Pointe Parkway, Suite 550
Atlanta, GA 30338

Project: EPS021516-13
Project Number: Grantville Mill
Project Manager: Mr. Aaron Williams

Reported:
25-Feb-16 11:37

Volatile Organic Compounds by EPA TO-15 - Quality Control
H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch EB62316 - TO-15

LCS (EB62316-BS1)

Prepared & Analyzed: 23-Feb-16

Benzene	64	3.2	ug/m3	64.8		98.4	69-119			
Carbon tetrachloride	150	6.4	"	128		118	68-132			
Trichloroethene	110	5.5	"	110		102	71-123			
Toluene	77	3.8	"	76.8		100	66-119			
1,1,2-Trichloroethane	100	5.5	"	111		94.3	73-119			
Tetrachloroethene	130	6.9	"	138		96.1	66-124			
1,1,1,2-Tetrachloroethane	140	7.0	"	140		96.8	67-129			
Ethylbenzene	84	4.4	"	88.4		94.5	70-124			
m,p-Xylene	85	8.8	"	88.4		96.5	61-134			
o-Xylene	86	4.4	"	88.4		97.6	67-125			
1,1,2,2-Tetrachloroethane	120	7.0	"	140		84.7	65-127			

Surrogate: 1,2-Dichloroethane-d4	264		"	214		123	76-134			
Surrogate: Toluene-d8	200		"	207		96.7	78-125			
Surrogate: 4-Bromofluorobenzene	375		"	364		103	77-127			

LCS Dup (EB62316-BS1)

Prepared & Analyzed: 23-Feb-16

Dichlorodifluoromethane (F12)	110	5.0	ug/m3	101		110	59-128	0.226	25	
Vinyl chloride	57	2.6	"	52.0		110	64-127	1.01	25	
Chloroethane	63	8.0	"	53.6		118	63-127	19.3	25	
Trichlorofluoromethane (F11)	130	5.6	"	113		113	62-126	2.19	25	
1,1-Dichloroethene	85	4.0	"	80.8		105	61-133	0.476	25	
1,1,2-Trichlorotrifluoroethane (F113)	160	7.7	"	155		106	66-126	0.282	25	
Methylene chloride (Dichloromethane)	71	3.5	"	70.8		101	62-115	0.893	25	
trans-1,2-Dichloroethene	76	8.0	"	80.8		93.9	67-124	2.58	25	
1,1-Dichloroethane	81	4.1	"	82.4		97.7	68-126	0.409	25	
cis-1,2-Dichloroethene	79	4.0	"	80.0		98.8	70-121	1.21	25	
Chloroform	110	4.9	"	99.2		110	68-123	0.453	25	
1,1,1-Trichloroethane	130	5.5	"	111		117	68-125	1.35	25	
1,2-Dichloroethane (EDC)	94	4.1	"	82.4		115	65-128	1.80	25	
Benzene	66	3.2	"	64.8		101	69-119	3.10	25	
Carbon tetrachloride	150	6.4	"	128		120	68-132	1.39	25	
Trichloroethene	110	5.5	"	110		102	71-123	0.146	25	
Toluene	79	3.8	"	76.8		103	66-119	2.98	25	

EPS, Inc.
1050 Crown Pointe Parkway, Suite 550
Atlanta, GA 30338

Project: EPS021516-13
Project Number: Grantville Mill
Project Manager: Mr. Aaron Williams

Reported:
25-Feb-16 11:37

Volatile Organic Compounds by EPA TO-15 - Quality Control
H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch EB62316 - TO-15

LCS Dup (EB62316-BSD1)

Prepared & Analyzed: 23-Feb-16

1,1,2-Trichloroethane	110	5.5	ug/m3	111		96.6	73-119	2.49	25	
Tetrachloroethene	140	6.9	"	138		99.6	66-124	3.52	25	
1,1,1,2-Tetrachloroethane	140	7.0	"	140		97.4	67-129	0.564	25	
Ethylbenzene	84	4.4	"	88.4		95.2	70-124	0.734	25	
m,p-Xylene	87	8.8	"	88.4		97.9	61-134	1.48	25	
o-Xylene	87	4.4	"	88.4		98.1	67-125	0.559	25	
1,1,2,2-Tetrachloroethane	120	7.0	"	140		85.2	65-127	0.586	25	
Surrogate: 1,2-Dichloroethane-d4	265		"	214		124	76-134			
Surrogate: Toluene-d8	202		"	207		97.4	78-125			
Surrogate: 4-Bromofluorobenzene	378		"	364		104	77-127			

EPS, Inc.
1050 Crown Pointe Parkway, Suite 550
Atlanta, GA 30338

Project: EPS021516-13
Project Number: Grantville Mill
Project Manager: Mr. Aaron Williams

Reported:
25-Feb-16 11:37

Volatile Organic Compounds by H&P 8260SV - Quality Control
H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch EB61714 - EPA 5030

Blank (EB61714-BLK1)

Prepared & Analyzed: 16-Feb-16

Acetone	ND	5000	ug/m3
2-Butanone (MEK)	ND	2500	"
2-Hexanone (MBK)	ND	2500	"
4-Methyl-2-pentanone (MIBK)	ND	2500	"
Dichlorodifluoromethane (F12)	ND	500	"
Chloromethane	ND	500	"
Vinyl chloride	ND	50	"
Bromomethane	ND	500	"
Chloroethane	ND	500	"
Trichlorofluoromethane (F11)	ND	500	"
1,1-Dichloroethene	ND	500	"
1,1,2 Trichlorotrifluoroethane (F113)	ND	500	"
Carbon disulfide	ND	500	"
Methylene chloride (Dichloromethane)	ND	500	"
trans-1,2-Dichloroethene	ND	500	"
1,1-Dichloroethane	ND	500	"
cis-1,2-Dichloroethene	ND	500	"
Chloroform	ND	100	"
1,1,1-Trichloroethane	ND	500	"
Carbon tetrachloride	ND	100	"
1,2-Dichloroethane (EDC)	ND	100	"
Benzene	ND	100	"
Trichloroethene	ND	100	"
1,2-Dichloropropane	ND	500	"
Bromodichloromethane	ND	500	"
cis-1,3-Dichloropropene	ND	500	"
Toluene	ND	1000	"
trans-1,3-Dichloropropene	ND	500	"
1,1,2-Trichloroethane	ND	500	"
1,2-Dibromoethane (EDB)	ND	500	"
Tetrachloroethene	ND	100	"
Dibromochloromethane	ND	500	"
Chlorobenzene	ND	100	"
Ethylbenzene	ND	500	"

EPS, Inc.
1050 Crown Pointe Parkway, Suite 550
Atlanta, GA 30338

Project: EPS021516-13
Project Number: Grantville Mill
Project Manager: Mr. Aaron Williams

Reported:
25-Feb-16 11:37

Volatile Organic Compounds by H&P 8260SV - Quality Control
H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch EB61714 - EPA 5030

Blank (EB61714-BLK1)

Prepared & Analyzed: 16-Feb-16

1,1,1,2-Tetrachloroethane	ND	500	ug/m3							
m,p-Xylene	ND	500	"							
o-Xylene	ND	500	"							
Styrene	ND	500	"							
Bromoform	ND	500	"							
1,1,2,2-Tetrachloroethane	ND	500	"							
1,3,5-Trimethylbenzene	ND	500	"							
1,2,4-Trimethylbenzene	ND	500	"							
1,3-Dichlorobenzene	ND	500	"							
1,4-Dichlorobenzene	ND	500	"							
1,2-Dichlorobenzene	ND	500	"							
1,2,4-Trichlorobenzene	ND	500	"							
Hexachlorobutadiene	ND	500	"							

<i>Surrogate: Dibromofluoromethane</i>	<i>2460</i>		<i>"</i>	<i>2500</i>		<i>98.3</i>	<i>75-125</i>			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>2600</i>		<i>"</i>	<i>2500</i>		<i>104</i>	<i>75-125</i>			
<i>Surrogate: Toluene-d8</i>	<i>2360</i>		<i>"</i>	<i>2500</i>		<i>94.3</i>	<i>75-125</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>2470</i>		<i>"</i>	<i>2500</i>		<i>98.8</i>	<i>75-125</i>			

LCS (EB61714-BS1)

Prepared & Analyzed: 16-Feb-16

Dichlorodifluoromethane (F12)	3600	500	ug/m3	5000		72.5	70-130			
Vinyl chloride	4000	50	"	5000		80.5	70-130			
Chloroethane	4200	500	"	5000		83.1	70-130			
Trichlorofluoromethane (F11)	5000	500	"	5000		99.8	70-130			
1,1-Dichloroethene	5000	500	"	5000		99.9	70-130			
1,1,2 Trichlorotrifluoroethane (F113)	5400	500	"	5000		108	70-130			
Methylene chloride (Dichloromethane)	4900	500	"	5000		97.4	70-130			
trans-1,2-Dichloroethene	4900	500	"	5000		98.6	70-130			
1,1-Dichloroethane	4800	500	"	5000		96.1	70-130			
cis-1,2-Dichloroethene	5000	500	"	5000		99.4	70-130			
Chloroform	5300	100	"	5000		106	70-130			
1,1,1-Trichloroethane	5200	500	"	5000		104	70-130			
Carbon tetrachloride	5500	100	"	5000		111	70-130			
1,2-Dichloroethane (EDC)	4900	100	"	5000		98.3	70-130			

EPS, Inc.
1050 Crown Pointe Parkway, Suite 550
Atlanta, GA 30338

Project: EPS021516-13
Project Number: Grantville Mill
Project Manager: Mr. Aaron Williams

Reported:
25-Feb-16 11:37

Volatile Organic Compounds by H&P 8260SV - Quality Control
H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch EB61714 - EPA 5030

LCS (EB61714-BS1)

Prepared & Analyzed: 16-Feb-16

Benzene	4800	100	ug/m3	5000		95.3	70-130			
Trichloroethene	5100	100	"	5000		102	70-130			
Toluene	4700	1000	"	5000		94.5	70-130			
1,1,2-Trichloroethane	4800	500	"	5000		96.5	70-130			
Tetrachloroethene	4900	100	"	5000		98.0	70-130			
Ethylbenzene	5000	500	"	5000		101	70-130			
1,1,1,2-Tetrachloroethane	5200	500	"	5000		104	70-130			
m,p-Xylene	9800	500	"	10000		97.9	70-130			
o-Xylene	5000	500	"	5000		99.4	70-130			
1,1,2,2-Tetrachloroethane	5100	500	"	5000		102	70-130			

Surrogate: Dibromofluoromethane	2480		"	2500		99.2	75-125			
Surrogate: 1,2-Dichloroethane-d4	2430		"	2500		97.4	75-125			
Surrogate: Toluene-d8	2470		"	2500		98.8	75-125			
Surrogate: 4-Bromofluorobenzene	2500		"	2500		100	75-125			

EPS, Inc.
1050 Crown Pointe Parkway, Suite 550
Atlanta, GA 30338

Project: EPS021516-13
Project Number: Grantville Mill
Project Manager: Mr. Aaron Williams

Reported:
25-Feb-16 11:37

Notes and Definitions

J- Report	This sample is reported to the MDL or LOD determined for this method. All confirmed hits above the listed MDL or LOD value and below the RL/LOQ, will be flagged with a "J" result. If an MDL or LOD is not listed, the analyte is ND at the RL.
J	Detected but below the RL/LOQ; therefore, result is an estimated concentration.
LCC	Leak Check Compound
ND	Analyte NOT DETECTED at or above the reporting limit
MDL	Method Detection Limit
%REC	Percent Recovery
RPD	Relative Percent Difference

Appendix

H&P Mobile Geochemistry, Inc. is approved as an Environmental Testing Laboratory and Mobile Laboratory in accordance with the DoD-ELAP and the ISO 17025 programs, certification number L11-175.

H&P is approved by the State of Arizona as an Environmental Testing Laboratory and Mobile Laboratory, certification numbers AZM758 and AZ0779.

H&P is approved by the State of California as an Environmental Laboratory and Mobile Laboratory in conformance with the Environmental Laboratory Accreditation Program (ELAP) for the category of Volatile and Semi-Volatile Organic Chemistry of Hazardous Waste, certification numbers 2740, 2741, 2743, 2744, 2745, 2754 & 2930.

H&P is approved by the State of Florida Department of Health under the National Environmental Laboratory Accreditation Conference (NELAC) certification number E871100.

The complete list of stationary and mobile laboratory certifications along with the fields of testing (FOTs) and analyte lists are available at www.handpimg.com/about/certifications.



2470 Impala Drive, Carlsbad, CA 92010
 & Field Office - Signal Hill, CA
 W handpmsg.com E info@handpmsg.com
 P 760.804.9678 F 760.804.9159

VAPOR / AIR Chain of Custody

DATE: 2-12-16
Page 1 of 1

Lab Client and Project Information

Lab Client/Consultant:	EPS Inc.	Project Name / #:	Grantville Mill
Lab Client Project Manager:	Aaron Williams	Project Location:	Grantville, GA
Lab Client Address:	1050 Crown Pointe Pkwy, Ste. 550	Report E-Mail(s):	a.williams@envuplanning.com
Lab Client City, State, Zip:	Atlanta, GA 30338		a-testaff@envuplanning.com
Phone Number:	404 315 9113		

Reporting Requirements

☒ Standard Report ☐ Level III ☐ Level IV
☐ Excel EDD ☐ Other EDD: _____
☐ CA Geotracker Global ID: _____

Turnaround Time

☒ 5-7 day Std ☐ 24-Hr Rush
☐ 3-day Rush ☐ Mobile Lab
☐ 48-Hr Rush ☐ Other: _____

Sampler Information

Sampler(s):	Alex Testoff
Signature:	Alex Testoff
Date:	02/12/16

Sample Receipt (Lab Use Only)

Date Rec'd: 2/15/16	Control #: 160156.01
H&P Project # EPS021516-13	
Lab Work Order # E602078	
Sample Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> See Notes Below	
Receipt Gauge ID: 11167	Temp: RT
Outside Lab:	
Receipt Notes/Tracking #: 1293TT618449121920	
Lab PM Initials: SUZ	

Additional Instructions to Laboratory:


☐ Check if Project Analyte List is Attached

* Preferred VOC units (please choose one):

☐ $\mu\text{g/L}$ ☒ $\mu\text{g/m}^3$ ☐ ppbv ☐ ppmv

(*) Samples reported by
H & P 82 LOSV gfe
02/11/00

[illegible]

Approved/Relinquished by:	Company:	Date:	Time:
 Alex Testoff	EPS Inc.	02-12-16	15:20
Approved/Relinquished by:	Company:	Date:	Time:
Approved/Relinquished by:	Company:	Date:	Time:

Received by:	Company:	Date:	Time:
Joni Unsworth	H&P	2/15/16	1025
Received by:	Company:	Date:	Time:
Received by:	Company:	Date:	Time:

**Approval constitutes as authorization to proceed with analysis and acceptance of conditions on back*

Rev 08/18/2014

27 June 2016

Mr. Aaron Williams
EPS, Inc.
1050 Crown Pointe Parkway, Suite 550
Atlanta, GA 30338



H&P Project: EPS062216-10
Client Project: Grantville Mill

Dear Mr. Aaron Williams:

Enclosed is the analytical report for the above referenced project. The data herein applies to samples as received by H&P Mobile Geochemistry, Inc. on 22-Jun-16 which were analyzed in accordance with the attached Chain of Custody record(s).

The results for all sample analyses and required QA/QC analyses are presented in the following sections and summarized in the documents:

- Sample Summary
- Case Narrative (if applicable)
- Sample Results
- Quality Control Summary
- Notes and Definitions / Appendix
- Chain of Custody
- Sampling Logs (if applicable)

Unless otherwise noted, I certify that all analyses were performed and reviewed in compliance with our Quality Systems Manual and Standard Operating Procedures. This report shall not be reproduced, except in full, without the written approval of H&P Mobile Geochemistry, Inc.

We at H&P Mobile Geochemistry, Inc. sincerely appreciate the opportunity to provide analytical services to you on this project. If you have any questions or concerns regarding this analytical report, please contact me at your convenience at 760-804-9678.

Sincerely,



Janis Villarreal
Laboratory Director

H&P Mobile Geochemistry, Inc. is certified under the California ELAP, the National Environmental Laboratory Accreditation Conference (NELAC) and the Department of Defense Accreditation Programs.

EPS, Inc.
1050 Crown Pointe Parkway, Suite 550
Atlanta, GA 30338

Project: EPS062216-10
Project Number: Grantville Mill
Project Manager: Mr. Aaron Williams

Reported:
27-Jun-16 14:51

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
16172-SG-8	E606089-01	Vapor	21-Jun-16	22-Jun-16

EPS, Inc.
1050 Crown Pointe Parkway, Suite 550
Atlanta, GA 30338

Project: EPS062216-10
Project Number: Grantville Mill
Project Manager: Mr. Aaron Williams

Reported:
27-Jun-16 14:51

DETECTIONS SUMMARY

Sample ID: 16172-SG-8

Laboratory ID: E606089-01

Analyte	Result	Reporting		Units	Method	Notes
		Limit				
Trichlorofluoromethane (F11)	8.8	5.6		ug/m3	EPA TO-15	
Benzene	37	3.2		ug/m3	EPA TO-15	
Toluene	25	3.8		ug/m3	EPA TO-15	
Tetrachloroethene	2500	6.9		ug/m3	EPA TO-15	
Chlorobenzene	9.5	4.7		ug/m3	EPA TO-15	
Ethylbenzene	4.4	4.4		ug/m3	EPA TO-15	
m,p-Xylene	16	8.8		ug/m3	EPA TO-15	
o-Xylene	8.7	4.4		ug/m3	EPA TO-15	
1,2,4-Trimethylbenzene	23	5.0		ug/m3	EPA TO-15	

EPS, Inc.
1050 Crown Pointe Parkway, Suite 550
Atlanta, GA 30338

Project: EPS062216-10
Project Number: Grantville Mill
Project Manager: Mr. Aaron Williams

Reported:
27-Jun-16 14:51

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
16172-SG-8 (E606089-01) Vapor Sampled: 21-Jun-16 Received: 22-Jun-16									
Dichlorodifluoromethane (F12)	ND	5.0	ug/m3	1	EF62403	24-Jun-16	24-Jun-16	EPA TO-15	
Chloromethane	ND	2.1	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	7.1	"	"	"	"	"	"	
Vinyl chloride	ND	2.6	"	"	"	"	"	"	
Bromomethane	ND	16	"	"	"	"	"	"	
Chloroethane	ND	8.0	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	8.8	5.6	"	"	"	"	"	"	
1,1-Dichloroethene	ND	4.0	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	7.7	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	3.5	"	"	"	"	"	"	
Carbon disulfide	ND	6.3	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	8.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	4.1	"	"	"	"	"	"	
2-Butanone (MEK)	ND	30	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	4.0	"	"	"	"	"	"	
Chloroform	ND	4.9	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	5.5	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	4.1	"	"	"	"	"	"	
Benzene	37	3.2	"	"	"	"	"	"	
Carbon tetrachloride	ND	6.4	"	"	"	"	"	"	
Trichloroethene	ND	5.5	"	"	"	"	"	"	
1,2-Dichloropropane	ND	9.4	"	"	"	"	"	"	
Bromodichloromethane	ND	6.8	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
4-Methyl-2-pentanone (MIBK)	ND	8.3	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	4.6	"	"	"	"	"	"	
Toluene	25	3.8	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	5.5	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	8.3	"	"	"	"	"	"	
Dibromochloromethane	ND	8.6	"	"	"	"	"	"	
Tetrachloroethene	2500	6.9	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	7.8	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
Chlorobenzene	9.5	4.7	"	"	"	"	"	"	
Ethylbenzene	4.4	4.4	"	"	"	"	"	"	
m,p-Xylene	16	8.8	"	"	"	"	"	"	
Styrene	ND	4.3	"	"	"	"	"	"	
o-Xylene	8.7	4.4	"	"	"	"	"	"	

EPS, Inc.
1050 Crown Pointe Parkway, Suite 550
Atlanta, GA 30338

Project: EPS062216-10
Project Number: Grantville Mill
Project Manager: Mr. Aaron Williams

Reported:
27-Jun-16 14:51

Volatile Organic Compounds by EPA TO-15

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
16172-SG-8 (E606089-01) Vapor Sampled: 21-Jun-16 Received: 22-Jun-16									
Bromoform	ND	10	ug/m3	1	EF62403	24-Jun-16	24-Jun-16	EPA TO-15	
1,1,2,2-Tetrachloroethane	ND	7.0	"	"	"	"	"	"	
4-Ethyltoluene	ND	5.0	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	23	5.0	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	12	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	38	"	"	"	"	"	"	
Hexachlorobutadiene	ND	54	"	"	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		99.7 %	76-134		"	"	"	"	
Surrogate: Toluene-d8		101 %	78-125		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		100 %	77-127		"	"	"	"	

EPS, Inc.
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Project: EPS062216-10
Project Number: Grantville Mill
Project Manager: Mr. Aaron Williams

Reported:
27-Jun-16 14:51

Volatile Organic Compounds by EPA TO-15 - Quality Control
H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch EF62403 - TO-15

Blank (EF62403-BLK1)

Prepared & Analyzed: 24-Jun-16

Dichlorodifluoromethane (F12)	ND	5.0	ug/m3
Chloromethane	ND	2.1	"
Dichlorotetrafluoroethane (F114)	ND	7.1	"
Vinyl chloride	ND	2.6	"
Bromomethane	ND	16	"
Chloroethane	ND	8.0	"
Trichlorofluoromethane (F11)	ND	5.6	"
1,1-Dichloroethene	ND	4.0	"
1,1,2-Trichlorotrifluoroethane (F113)	ND	7.7	"
Methylene chloride (Dichloromethane)	ND	3.5	"
Carbon disulfide	ND	6.3	"
trans-1,2-Dichloroethene	ND	8.0	"
1,1-Dichloroethane	ND	4.1	"
2-Butanone (MEK)	ND	30	"
cis-1,2-Dichloroethene	ND	4.0	"
Chloroform	ND	4.9	"
1,1,1-Trichloroethane	ND	5.5	"
1,2-Dichloroethane (EDC)	ND	4.1	"
Benzene	ND	3.2	"
Carbon tetrachloride	ND	6.4	"
Trichloroethene	ND	5.5	"
1,2-Dichloropropane	ND	9.4	"
Bromodichloromethane	ND	6.8	"
cis-1,3-Dichloropropene	ND	4.6	"
4-Methyl-2-pentanone (MIBK)	ND	8.3	"
trans-1,3-Dichloropropene	ND	4.6	"
Toluene	ND	3.8	"
1,1,2-Trichloroethane	ND	5.5	"
2-Hexanone (MBK)	ND	8.3	"
Dibromochloromethane	ND	8.6	"
Tetrachloroethene	ND	6.9	"
1,2-Dibromoethane (EDB)	ND	7.8	"
1,1,1,2-Tetrachloroethane	ND	7.0	"
Chlorobenzene	ND	4.7	"

EPS, Inc.
1050 Crown Pointe Parkway, Suite 550
Atlanta, GA 30338

Project: EPS062216-10
Project Number: Grantville Mill
Project Manager: Mr. Aaron Williams

Reported:
27-Jun-16 14:51

Volatile Organic Compounds by EPA TO-15 - Quality Control
H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch EF62403 - TO-15

Blank (EF62403-BLK1)

Prepared & Analyzed: 24-Jun-16

Ethylbenzene	ND	4.4	ug/m3
m,p-Xylene	ND	8.8	"
Styrene	ND	4.3	"
o-Xylene	ND	4.4	"
Bromoform	ND	10	"
1,1,2,2-Tetrachloroethane	ND	7.0	"
4-Ethyltoluene	ND	5.0	"
1,3,5-Trimethylbenzene	ND	5.0	"
1,2,4-Trimethylbenzene	ND	5.0	"
1,3-Dichlorobenzene	ND	12	"
1,4-Dichlorobenzene	ND	12	"
1,2-Dichlorobenzene	ND	12	"
1,2,4-Trichlorobenzene	ND	38	"
Hexachlorobutadiene	ND	54	"

Surrogate: 1,2-Dichloroethane-d4	43.2	"	42.9	101	76-134
Surrogate: Toluene-d8	42.1	"	41.4	102	78-125
Surrogate: 4-Bromofluorobenzene	73.0	"	72.9	100	77-127

LCS (EF62403-BS1)

Prepared: 24-Jun-16 Analyzed: 25-Jun-16

Dichlorodifluoromethane (F12)	110	5.0	ug/m3	101	111	59-128
Vinyl chloride	57	2.6	"	52.0	110	64-127
Chloroethane	58	8.0	"	53.6	107	63-127
Trichlorofluoromethane (F11)	120	5.6	"	113	104	62-126
1,1-Dichloroethene	88	4.0	"	80.8	109	61-133
1,1,2-Trichlorotrifluoroethane (F113)	170	7.7	"	155	111	66-126
Methylene chloride (Dichloromethane)	78	3.5	"	70.8	111	62-115
trans-1,2-Dichloroethene	86	8.0	"	80.8	106	67-124
1,1-Dichloroethane	90	4.1	"	82.4	109	68-126
cis-1,2-Dichloroethene	89	4.0	"	80.0	111	70-121
Chloroform	110	4.9	"	99.2	112	68-123
1,1,1-Trichloroethane	130	5.5	"	111	113	68-125
1,2-Dichloroethane (EDC)	92	4.1	"	82.4	111	65-128
Benzene	76	3.2	"	64.8	117	69-119

EPS, Inc.
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Project: EPS062216-10
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Project Manager: Mr. Aaron Williams

Reported:
27-Jun-16 14:51

Volatile Organic Compounds by EPA TO-15 - Quality Control

H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch EF62403 - TO-15

LCS (EF62403-BS1)

Prepared: 24-Jun-16 Analyzed: 25-Jun-16

Carbon tetrachloride	150	6.4	ug/m3	128		117	68-132			
Trichloroethene	110	5.5	"	110		102	71-123			
Toluene	81	3.8	"	76.8		106	66-119			
1,1,2-Trichloroethane	120	5.5	"	111		108	73-119			
Tetrachloroethene	150	6.9	"	138		109	66-124			
1,1,1,2-Tetrachloroethane	160	7.0	"	140		116	67-129			
Ethylbenzene	97	4.4	"	88.4		110	70-124			
m,p-Xylene	99	8.8	"	88.4		111	61-134			
o-Xylene	94	4.4	"	88.4		107	67-125			
1,1,2,2-Tetrachloroethane	150	7.0	"	140		109	65-127			

Surrogate: 1,2-Dichloroethane-d4	45.0		"	42.9		105	76-134			
Surrogate: Toluene-d8	42.3		"	41.4		102	78-125			
Surrogate: 4-Bromofluorobenzene	72.6		"	72.9		99.6	77-127			

LCS Dup (EF62403-BS1)

Prepared: 24-Jun-16 Analyzed: 25-Jun-16

Dichlorodifluoromethane (F12)	110	5.0	ug/m3	101		109	59-128	2.08	25	
Vinyl chloride	56	2.6	"	52.0		107	64-127	2.61	25	
Chloroethane	53	8.0	"	53.6		99.7	63-127	7.42	25	
Trichlorofluoromethane (F11)	110	5.6	"	113		101	62-126	3.41	25	
1,1-Dichloroethene	87	4.0	"	80.8		108	61-133	0.783	25	
1,1,2-Trichlorotrifluoroethane (F113)	170	7.7	"	155		112	66-126	0.760	25	
Methylene chloride (Dichloromethane)	74	3.5	"	70.8		104	62-115	5.97	25	
trans-1,2-Dichloroethene	86	8.0	"	80.8		107	67-124	0.234	25	
1,1-Dichloroethane	91	4.1	"	82.4		111	68-126	1.68	25	
cis-1,2-Dichloroethene	85	4.0	"	80.0		106	70-121	4.81	25	
Chloroform	110	4.9	"	99.2		109	68-123	2.70	25	
1,1,1-Trichloroethane	120	5.5	"	111		108	68-125	3.90	25	
1,2-Dichloroethane (EDC)	89	4.1	"	82.4		108	65-128	3.09	25	
Benzene	74	3.2	"	64.8		115	69-119	2.15	25	
Carbon tetrachloride	120	6.4	"	128		96.9	68-132	18.6	25	
Trichloroethene	110	5.5	"	110		103	71-123	1.26	25	
Toluene	81	3.8	"	76.8		106	66-119	0.0938	25	
1,1,2-Trichloroethane	120	5.5	"	111		108	73-119	0.277	25	

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Volatile Organic Compounds by EPA TO-15 - Quality Control
H&P Mobile Geochemistry, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch EF62403 - TO-15

LCS Dup (EF62403-BSD1)

Prepared: 24-Jun-16 Analyzed: 25-Jun-16

Tetrachloroethene	150	6.9	ug/m3	138		112	66-124	2.67	25	
1,1,1,2-Tetrachloroethane	160	7.0	"	140		116	67-129	0.472	25	
Ethylbenzene	98	4.4	"	88.4		111	70-124	1.48	25	
m,p-Xylene	100	8.8	"	88.4		115	61-134	3.03	25	
o-Xylene	98	4.4	"	88.4		110	67-125	3.53	25	
1,1,2,2-Tetrachloroethane	160	7.0	"	140		112	65-127	2.92	25	
Surrogate: 1,2-Dichloroethane-d4	43.8		"	42.9		102	76-134			
Surrogate: Toluene-d8	42.7		"	41.4		103	78-125			
Surrogate: 4-Bromofluorobenzene	75.1		"	72.9		103	77-127			

EPS, Inc.
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Atlanta, GA 30338

Project: EPS062216-10
Project Number: Grantville Mill
Project Manager: Mr. Aaron Williams

Reported:
27-Jun-16 14:51

Notes and Definitions

LCC	Leak Check Compound
ND	Analyte NOT DETECTED at or above the reporting limit
MDL	Method Detection Limit
%REC	Percent Recovery
RPD	Relative Percent Difference

Appendix

H&P Mobile Geochemistry, Inc. is approved as an Environmental Testing Laboratory and Mobile Laboratory in accordance with the DoD-ELAP and the ISO 17025 programs, certification number L11-175.

H&P is approved by the State of Arizona as an Environmental Testing Laboratory and Mobile Laboratory, certification numbers AZM758 and AZ0779.

H&P is approved by the State of California as an Environmental Laboratory and Mobile Laboratory in conformance with the Environmental Laboratory Accreditation Program (ELAP) for the category of Volatile and Semi-Volatile Organic Chemistry of Hazardous Waste, certification numbers 2740, 2741, 2743, 2744, 2745, 2754 & 2930.

H&P is approved by the State of Florida Department of Health under the National Environmental Laboratory Accreditation Conference (NELAC) certification number E871100.

The complete list of stationary and mobile laboratory certifications along with the fields of testing (FOTs) and analyte lists are available at www.handpimg.com/about/certifications.



2470 Impala Drive, Carlsbad, CA 92010
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 P 760.804.9678 F 760.804.9159

DATE: 6-21-16
Page 1 of 1



Lab Client and Project Information		
Lab Client/Consultant: EPS Inc.	Project Name / #: Grantville Mill	
Lab Client Project Manager: Aaron Williams	Project Location: Grantville, GA	
Lab Client Address: 1050 Crown Pointe Pkwy, Ste 550	Report E-Mail(s): awilliams@envuplanning.com	
Lab Client City, State, Zip: Atlanta, GA 30338		
Phone Number: 404 315 9113		
Reporting Requirements	Turnaround Time	Sampler Information
<input checked="" type="checkbox"/> Standard Report <input type="checkbox"/> Level III <input type="checkbox"/> Level IV <input type="checkbox"/> Excel EDD <input type="checkbox"/> Other EDD: _____ <input type="checkbox"/> CA Geotracker Global ID: _____	<input checked="" type="checkbox"/> 5-7 day Std <input type="checkbox"/> 24-Hr Rush <input type="checkbox"/> 3-day Rush <input type="checkbox"/> Mobile Lab <input type="checkbox"/> 48-Hr Rush <input type="checkbox"/> Other: _____	Sampler(s): Alex Testoff Signature: Alex Testoff Date: 6-21-16

Sample Receipt (Lab Use Only)		
Date Rec'd:	6/22/16	Control #: 160525.01
H&P Project #	EPS062216-10	
Lab Work Order #	E606089	
Sample Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> See Notes Below	
Receipt Gauge ID:	11167	Temp: RT
Outside Lab:		
Receipt Notes/Tracking #: 12813E0F0173341782		
Lab PM Initials: KIM		

☐ Check if Project Analyte List is Attached

* Preferred VOC units (please choose one):

☐ $\mu\text{g/L}$ ☒ $\mu\text{g/m}^3$ ☐ ppbv ☐ ppmv[illegible]

Approved/Relinquished by: 	Company: EPS Inc.	Date: 6-21-16	Time: 1730	Received by: 	Company: HHP	Date: 6/22/16	Time: 10:00
Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time:
Approved/Relinquished by:	Company:	Date:	Time:	Received by:	Company:	Date:	Time: