



400 Northbridge Road
Suite 400
Sandy Springs, Georgia 30350

(404) 315-9113 *Telephone*
(404) 315-8509 *Fax*

Aaron Williams
Principal

(678) 336-8537 *Direct Line*
awilliams@envplanning.com

August 14, 2018

Mr. Williams Lucas.
Georgia Department of Natural Resources
Environmental Protection Division
Voluntary Remediation Program
2 MLK, Jr. Dr, SE, Suite 1054 East
Atlanta, Georgia 30334

Re: Project Status, 6th VRP Period, Grantville Mill Property, HSI#10912

Dear Mr. Lucas:

Environmental Planning Specialists, Inc. ("EPS") is submitting this letter as a status update for the 6th Voluntary Remediation Program ("VRP") period for the above listed property on behalf of Capital City Bank ("CCB"). On January 21, 2018, EPS submitted VRP Progress Report #5, which provided a comprehensive summary of property remedial investigation data and the proposed remediation strategy to address risk under the framework of the VRP. CCB and EPS received comment on the VRP Progress Report #5 on June 29, 2018. Implementation of the proposed remedial strategy and supporting tasks were subject to the EPD's review and comment, thus project activity for the 6th VRP period was limited to routine site management. As the EPD did not comment we presume the EPD finds the strategy acceptable, and the activities provided in the 5th VRP Progress Report will commence during the 7th VRP period. A summary of planned activities for the 7th VRP period are provided below and referenced with respect to the the June 29, 2018 EPD comment letter where applicable.

7th VRP Period Planned Activities

1. Complete the delineation of arsenic in soil (EPD letter, comments #1 and #2).
2. Install one additional groundwater monitoring well (MW-19) as proposed on Figure 14 of the 5th VRP Progress Report to refine the delineation of volatile organic compounds ("VOCs") in groundwater with respect to off-site properties.
3. Sample and test the groundwater from MW-19 for VOCs; update the groundwater conceptual site model.
4. Further advance the proposed implementation strategy for VOC reduction in the release area.

Lastly, the laboratory analytical reports for data noted in the EPD comment letter (comments #5 and #6) are attached as requested.



Mr. Lucas
August 14, 2018
Page 2

If you have any questions or concerns, please contact me at 678-336-8537.

Sincerely,

A handwritten signature in blue ink that reads "Aaron Williams". The signature is written in a cursive, flowing style.

Aaron Williams
Principal

Attachments:

- (1) Laboratory Report 1605G06
Sample SB-16-2
- (2) Laboratory Report 1706K29
Samples: S-13-0.5, S-15-0.5, S-16-0.5, S-17-0.5, S-18-0.5 and S-20-0.5
- (3) Laboratory Report 1706259
Samples: SB-18-2, SB-18-4, SB-20-2 and SB-20-4



ANALYTICAL ENVIRONMENTAL SERVICES, INC.

May 31, 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: 1605G06

Analytical Environmental Services, Inc. received 35 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'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, Inorganics), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 09/01/17.

Chantelle Kanhai
Project Manager



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

Work Order: 110057206

Date: **5-19-16** Page **1** of **3**

COMPANY: EPS Inc.		ADDRESS: 1050 Crown Pointe 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.					
PHONE: 404 315 9113		FAX:		VOCs											
SAMPLED BY: Alex Testoff		SIGNATURE: <i>Alex Testoff</i>													
#	SAMPLE ID	SAMPLED		Grab	Composite	Matrix (See codes)	PRESERVATION (See codes)						REMARKS	No # of Containers	
		DATE	TIME												
1	16138-SB-1-5	5-17-16	1548	X		So	X							5	
2	16138-SB-1-8	5-17-16	1550	X		So	X							5	
3	16138-SB-2-5	5-17-16	1610	X		So	X							5	
4	16138-SB-2-10	5-17-16	1615	X		So	X							5	
5	16138-SB-3-5	5-17-16	1650	X		So	X							5	
6	16138-SB-3-10	5-17-16	1700	X		So	X							5	
7	16139-SB-6-5	5-18-16	0930	X		So	X							5	
8	16139-SB-6-9	5-18-16	0937	X		So	X							5	
9	16139-SB-7-5	5-18-16	1048	X		So	X							5	
10	16139-SB-7-10	5-18-16	1105	X		So	X							5	
11	16139-SB-5-5	5-18-16	1125	X		So	X							5	
12	16139-SB-5-10	5-18-16	1130	X		So	X							5	
13	16139-SB-4-5	5-18-16	1155	X		So	X							5	
14	16139-SB-4-10	5-18-16	1200	X		So	X							5	
RELINQUISHED BY		DATE/TIME		RECEIVED BY		DATE/TIME		PROJECT INFORMATION						RECEIPT	
1: Alex Testoff		5-19-16 1620		1: Jessica Hailly		5/19/16 4:20 pm		PROJECT NAME: Grantville Mill						Total # of Containers	56
2:				2:				PROJECT #:						☒ Turnaround Time Request ☐ Standard 5 Business Days ☐ 2 Business Day Rush ☐ Next Business Day Rush ☐ Same Day Rush (auth req.) ☐ Other _____	
3:				3:				SITE ADDRESS: Grantville, GA							
								SEND REPORT TO: awilliams@envoplanning.com & atestoff@envoplanning.com							
SPECIAL INSTRUCTIONS/COMMENTS:				SHIPMENT METHOD				INVOICE TO:						STATE PROGRAM (if any):	
				OUT / / VIA:				(IF DIFFERENT FROM ABOVE)						E-mail? Y/N; Fax? Y/N	
				IN / / VIA:										DATA PACKAGE: I II III IV	
				CLIENT FedEx UPS MAIL COURIER										Page 2 of 97	
				GREYHOUND OTHER											

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AES

ANALYTICAL ENVIRONMENTAL SERVICES, INC

3080 Presidential Drive, Atlanta GA 30340-3704

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

CHAIN OF CUSTODY

Work Order:

1605906

Date: 5-19-16

Page 2 of 3

COMPANY: EPS Inc.		ADDRESS: 1050 Crown Pointe 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 7113		FAX:																	
SAMPLED BY: Alex Testoff		SIGNATURE: Alex Testoff		PRESERVATION (See codes)										REMARKS					
#	SAMPLE ID	DATE	TIME	Grab	Composite	Matrix (See codes)													
1	16139-SB-8-2	5-18-16	1450	X		So	X										4		
2	16139-SB-8-14	5-18-16	1510	X		So	X										4		
3	16139-SB-9-2	5-18-16	1535	X		So	X										4		
4	16139-SB-9-13.5	5-18-16	1600	X		So	X										4		
5	16139-SB-10-2	5-18-16	1610	X		So	X										4		
6	16139-SB-10-13.5	5-18-16	1625	X		So	X										4		
7	16140-SB-12-2	5-19-16	0817	X		So	X										4		
8	16140-SB-12-13.5	5-19-16	0835	X		So	X										4		
9	16140-SB-11-2	5-19-16	0857	X		So	X										4		
10	16140-SB-11-12	5-19-16	0907	X		So	X										4		
11	16140-SB-16-2	5-19-16	1042	X		So	X										4		
12	16140-SB-16-12	5-19-16	1108	X		So	X										4		
13	16140-SB-15-2	5-19-16	1130	X		So	X												
14	16140-SB-15-12	5-19-16	1145	X		So	X												
RELINQUISHED BY: Alex Testoff		DATE/TIME: 5-19-16 1620		RECEIVED BY: Jessica Ahlberg		DATE/TIME: 5/19/16 4:20 pm		PROJECT INFORMATION										RECEIPT	
1:				2:				PROJECT NAME: Grantville Mill										Total # of Containers: 56	
3:				3:				PROJECT #:										Turnaround Time Request ☒ Standard 5 Business Days ☐ 2 Business Day Rush ☐ Next Business Day Rush ☐ Same Day Rush (auth req.) ☐ Other	
								SITE ADDRESS: Grantville, GA											
								SEND REPORT TO: awilliams@envplanning.com & atestoff@envplanning.com										STATE PROGRAM (if any):	
								INVOICE TO: (IF DIFFERENT FROM ABOVE)										E-mail? Y/N; Fax? Y/N	
								QUOTE #: PO#:										DATA PACKAGE: I II III IV	
SPECIAL INSTRUCTIONS/COMMENTS:				SHIPMENT METHOD															
				OUT / / VIA:															
				IN / / VIA:															
				CLIENT FedEx UPS MAIL COURIER															
				GREYHOUND OTHER															

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.
 SAMPLES ARE DISPOSED 30 DAYS AFTER REPORT COMPLETION UNLESS OTHER ARRANGEMENTS ARE MADE.

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) DW = Drinking Water (Blanks) O = Other (specify) WW = Waste Water

PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

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ANALYTICAL ENVIRONMENTAL SERVICES, INC

3080 Presidential Drive, Atlanta GA 30340-3704

CHAIN OF CUSTODY

Work Order:

1605604

AES

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

Date: 5-19-16

Page 3 of 3

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:		VOCs VOCs TCLP-VOCs TCLP-Metals														
SAMPLED BY: Alex Testoff		SIGNATURE: Alex Testoff		PRESERVATION (See codes)										REMARKS				
#	SAMPLE ID	DATE	TIME	Grab	Composite	Matrix (See codes)												
1	16140-SB-14-2	5-19-16	1335	X		So	X											4
2	16140-SB-14-12	5-19-16	1350	X		So	X											4
3	16140-SB-13-2	5-19-16	1405	X		So	X											4
4	16140-SB-13-12	5-19-16	1415	X		So	X											4
5	16140-TCLP	5-19-16	1440		X	So			X	X								1
6	Tap Blank					W	X											2
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		

RELINQUISHED BY: Alex Testoff		DATE/TIME: 5-19-16 1620		RECEIVED BY: Jessica Hillis		DATE/TIME: 5/19/16 16:20 pm		PROJECT INFORMATION				RECEIPT	
1:		2:		3:		PROJECT NAME: Grantville Mill		PROJECT #:				Total # of Containers: 19	
2:		3:		SHIPMENT METHOD		SITE ADDRESS: Grantville, GA		SEND REPORT TO: a.williams@envplanning.com & a.testoff@envplanning.com				Turnaround Time Request: ☒ Standard 5 Business Days ☐ 2 Business Day Rush ☐ Next Business Day Rush ☐ Same Day Rush (auth req.) ☐ Other	
SPECIAL INSTRUCTIONS/COMMENTS:		OUT / / VIA:		IN / / VIA:		INVOICE TO: (IF DIFFERENT FROM ABOVE)		STATE PROGRAM (if any):				E-mail? Y/N; Fax? Y/N	
		CLIENT ☒ FedEx UPS MAIL COURIER		GREYHOUND OTHER		QUOTE #:		PO#:				DATA PACKAGE: I II III IV	

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.

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) DW = Drinking Water (Blanks) O = Other (specify) WW = Waste Water

PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

Client: Environmental Planning Specialists, Inc.
Project: Grantville Mill
Lab ID: 1605G06

Case Narrative

Sample Receiving Nonconformance:

A second set of Trip Blanks were provided but not listed on the Chain of Custody. Trip blank analyzed at no cost to the client.

Analytical Environmental Services, Inc
Date: 31-May-16

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1605G06-001

Client Sample ID: 16138-SB-1-5
Collection Date: 5/17/2016 3:48:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 12:41	CG
1,1,2,2-Tetrachloroethane	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 12:41	CG
1,1,2-Trichloroethane	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 12:41	CG
1,1-Dichloroethane	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 12:41	CG
1,1-Dichloroethene	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 12:41	CG
1,2,4-Trichlorobenzene	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 12:41	CG
1,2-Dibromo-3-chloropropane	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 12:41	CG
1,2-Dibromoethane	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 12:41	CG
1,2-Dichlorobenzene	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 12:41	CG
1,2-Dichloroethane	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 12:41	CG
1,2-Dichloropropane	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 12:41	CG
1,3-Dichlorobenzene	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 12:41	CG
1,4-Dichlorobenzene	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 12:41	CG
2-Butanone	BRL	33		ug/Kg-dry	224347	1	05/23/2016 12:41	CG
2-Hexanone	BRL	6.5		ug/Kg-dry	224347	1	05/23/2016 12:41	CG
4-Methyl-2-pentanone	BRL	6.5		ug/Kg-dry	224347	1	05/23/2016 12:41	CG
Acetone	BRL	65		ug/Kg-dry	224347	1	05/23/2016 12:41	CG
Benzene	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 12:41	CG
Bromodichloromethane	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 12:41	CG
Bromoform	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 12:41	CG
Bromomethane	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 12:41	CG
Carbon disulfide	BRL	6.5		ug/Kg-dry	224347	1	05/23/2016 12:41	CG
Carbon tetrachloride	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 12:41	CG
Chlorobenzene	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 12:41	CG
Chloroethane	BRL	6.5		ug/Kg-dry	224347	1	05/23/2016 12:41	CG
Chloroform	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 12:41	CG
Chloromethane	BRL	6.5		ug/Kg-dry	224347	1	05/23/2016 12:41	CG
cis-1,2-Dichloroethene	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 12:41	CG
cis-1,3-Dichloropropene	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 12:41	CG
Cyclohexane	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 12:41	CG
Dibromochloromethane	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 12:41	CG
Dichlorodifluoromethane	BRL	6.5		ug/Kg-dry	224347	1	05/23/2016 12:41	CG
Ethylbenzene	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 12:41	CG
Freon-113	BRL	6.5		ug/Kg-dry	224347	1	05/23/2016 12:41	CG
Isopropylbenzene	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 12:41	CG
m,p-Xylene	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 12:41	CG
Methyl acetate	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 12:41	CG
Methyl tert-butyl ether	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 12:41	CG
Methylcyclohexane	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 12:41	CG
Methylene chloride	BRL	13		ug/Kg-dry	224347	1	05/23/2016 12:41	CG
o-Xylene	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 12:41	CG

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: 31-May-16

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1605G06-001

Client Sample ID: 16138-SB-1-5
Collection Date: 5/17/2016 3:48:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 12:41	CG
Tetrachloroethene	10	3.3		ug/Kg-dry	224347	1	05/23/2016 12:41	CG
Toluene	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 12:41	CG
trans-1,2-Dichloroethene	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 12:41	CG
trans-1,3-Dichloropropene	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 12:41	CG
Trichloroethene	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 12:41	CG
Trichlorofluoromethane	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 12:41	CG
Vinyl chloride	BRL	6.5		ug/Kg-dry	224347	1	05/23/2016 12:41	CG
Surr: 4-Bromofluorobenzene	88.8	70-128		%REC	224347	1	05/23/2016 12:41	CG
Surr: Dibromofluoromethane	91.9	78.2-128		%REC	224347	1	05/23/2016 12:41	CG
Surr: Toluene-d8	94.2	76.5-116		%REC	224347	1	05/23/2016 12:41	CG
PERCENT MOISTURE D2216								
Percent Moisture	19.8	0		wt%	R317473	1	05/24/2016 10:00	JC

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: 31-May-16

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1605G06-002

Client Sample ID: 16138-SB-1-8
Collection Date: 5/17/2016 3:50:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	3.9		ug/Kg-dry	224347	1	05/23/2016 13:53	CG
1,1,2,2-Tetrachloroethane	BRL	3.9		ug/Kg-dry	224347	1	05/23/2016 13:53	CG
1,1,2-Trichloroethane	BRL	3.9		ug/Kg-dry	224347	1	05/23/2016 13:53	CG
1,1-Dichloroethane	BRL	3.9		ug/Kg-dry	224347	1	05/23/2016 13:53	CG
1,1-Dichloroethene	BRL	3.9		ug/Kg-dry	224347	1	05/23/2016 13:53	CG
1,2,4-Trichlorobenzene	BRL	3.9		ug/Kg-dry	224347	1	05/23/2016 13:53	CG
1,2-Dibromo-3-chloropropane	BRL	3.9		ug/Kg-dry	224347	1	05/23/2016 13:53	CG
1,2-Dibromoethane	BRL	3.9		ug/Kg-dry	224347	1	05/23/2016 13:53	CG
1,2-Dichlorobenzene	BRL	3.9		ug/Kg-dry	224347	1	05/23/2016 13:53	CG
1,2-Dichloroethane	BRL	3.9		ug/Kg-dry	224347	1	05/23/2016 13:53	CG
1,2-Dichloropropane	BRL	3.9		ug/Kg-dry	224347	1	05/23/2016 13:53	CG
1,3-Dichlorobenzene	BRL	3.9		ug/Kg-dry	224347	1	05/23/2016 13:53	CG
1,4-Dichlorobenzene	BRL	3.9		ug/Kg-dry	224347	1	05/23/2016 13:53	CG
2-Butanone	BRL	39		ug/Kg-dry	224347	1	05/23/2016 13:53	CG
2-Hexanone	BRL	7.8		ug/Kg-dry	224347	1	05/23/2016 13:53	CG
4-Methyl-2-pentanone	BRL	7.8		ug/Kg-dry	224347	1	05/23/2016 13:53	CG
Acetone	BRL	78		ug/Kg-dry	224347	1	05/23/2016 13:53	CG
Benzene	BRL	3.9		ug/Kg-dry	224347	1	05/23/2016 13:53	CG
Bromodichloromethane	BRL	3.9		ug/Kg-dry	224347	1	05/23/2016 13:53	CG
Bromoform	BRL	3.9		ug/Kg-dry	224347	1	05/23/2016 13:53	CG
Bromomethane	BRL	3.9		ug/Kg-dry	224347	1	05/23/2016 13:53	CG
Carbon disulfide	BRL	7.8		ug/Kg-dry	224347	1	05/23/2016 13:53	CG
Carbon tetrachloride	BRL	3.9		ug/Kg-dry	224347	1	05/23/2016 13:53	CG
Chlorobenzene	BRL	3.9		ug/Kg-dry	224347	1	05/23/2016 13:53	CG
Chloroethane	BRL	7.8		ug/Kg-dry	224347	1	05/23/2016 13:53	CG
Chloroform	BRL	3.9		ug/Kg-dry	224347	1	05/23/2016 13:53	CG
Chloromethane	BRL	7.8		ug/Kg-dry	224347	1	05/23/2016 13:53	CG
cis-1,2-Dichloroethene	BRL	3.9		ug/Kg-dry	224347	1	05/23/2016 13:53	CG
cis-1,3-Dichloropropene	BRL	3.9		ug/Kg-dry	224347	1	05/23/2016 13:53	CG
Cyclohexane	BRL	3.9		ug/Kg-dry	224347	1	05/23/2016 13:53	CG
Dibromochloromethane	BRL	3.9		ug/Kg-dry	224347	1	05/23/2016 13:53	CG
Dichlorodifluoromethane	BRL	7.8		ug/Kg-dry	224347	1	05/23/2016 13:53	CG
Ethylbenzene	BRL	3.9		ug/Kg-dry	224347	1	05/23/2016 13:53	CG
Freon-113	BRL	7.8		ug/Kg-dry	224347	1	05/23/2016 13:53	CG
Isopropylbenzene	BRL	3.9		ug/Kg-dry	224347	1	05/23/2016 13:53	CG
m,p-Xylene	BRL	3.9		ug/Kg-dry	224347	1	05/23/2016 13:53	CG
Methyl acetate	BRL	3.9		ug/Kg-dry	224347	1	05/23/2016 13:53	CG
Methyl tert-butyl ether	BRL	3.9		ug/Kg-dry	224347	1	05/23/2016 13:53	CG
Methylcyclohexane	BRL	3.9		ug/Kg-dry	224347	1	05/23/2016 13:53	CG
Methylene chloride	BRL	16		ug/Kg-dry	224347	1	05/23/2016 13:53	CG
o-Xylene	BRL	3.9		ug/Kg-dry	224347	1	05/23/2016 13:53	CG

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: 31-May-16

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1605G06-002

Client Sample ID: 16138-SB-1-8
Collection Date: 5/17/2016 3:50:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	3.9		ug/Kg-dry	224347	1	05/23/2016 13:53	CG
Tetrachloroethene	47	3.9		ug/Kg-dry	224347	1	05/23/2016 13:53	CG
Toluene	BRL	3.9		ug/Kg-dry	224347	1	05/23/2016 13:53	CG
trans-1,2-Dichloroethene	BRL	3.9		ug/Kg-dry	224347	1	05/23/2016 13:53	CG
trans-1,3-Dichloropropene	BRL	3.9		ug/Kg-dry	224347	1	05/23/2016 13:53	CG
Trichloroethene	BRL	3.9		ug/Kg-dry	224347	1	05/23/2016 13:53	CG
Trichlorofluoromethane	BRL	3.9		ug/Kg-dry	224347	1	05/23/2016 13:53	CG
Vinyl chloride	BRL	7.8		ug/Kg-dry	224347	1	05/23/2016 13:53	CG
Surr: 4-Bromofluorobenzene	82.2	70-128		%REC	224347	1	05/23/2016 13:53	CG
Surr: Dibromofluoromethane	87	78.2-128		%REC	224347	1	05/23/2016 13:53	CG
Surr: Toluene-d8	101	76.5-116		%REC	224347	1	05/23/2016 13:53	CG
PERCENT MOISTURE D2216								
Percent Moisture	28.9	0		wt%	R317473	1	05/24/2016 10:00	JC

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: 31-May-16

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1605G06-003

Client Sample ID: 16138-SB-2-5
Collection Date: 5/17/2016 4:10:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 14:17	CG
1,1,2,2-Tetrachloroethane	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 14:17	CG
1,1,2-Trichloroethane	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 14:17	CG
1,1-Dichloroethane	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 14:17	CG
1,1-Dichloroethene	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 14:17	CG
1,2,4-Trichlorobenzene	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 14:17	CG
1,2-Dibromo-3-chloropropane	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 14:17	CG
1,2-Dibromoethane	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 14:17	CG
1,2-Dichlorobenzene	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 14:17	CG
1,2-Dichloroethane	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 14:17	CG
1,2-Dichloropropane	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 14:17	CG
1,3-Dichlorobenzene	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 14:17	CG
1,4-Dichlorobenzene	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 14:17	CG
2-Butanone	BRL	34		ug/Kg-dry	224347	1	05/23/2016 14:17	CG
2-Hexanone	BRL	6.8		ug/Kg-dry	224347	1	05/23/2016 14:17	CG
4-Methyl-2-pentanone	BRL	6.8		ug/Kg-dry	224347	1	05/23/2016 14:17	CG
Acetone	BRL	68		ug/Kg-dry	224347	1	05/23/2016 14:17	CG
Benzene	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 14:17	CG
Bromodichloromethane	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 14:17	CG
Bromoform	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 14:17	CG
Bromomethane	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 14:17	CG
Carbon disulfide	BRL	6.8		ug/Kg-dry	224347	1	05/23/2016 14:17	CG
Carbon tetrachloride	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 14:17	CG
Chlorobenzene	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 14:17	CG
Chloroethane	BRL	6.8		ug/Kg-dry	224347	1	05/23/2016 14:17	CG
Chloroform	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 14:17	CG
Chloromethane	BRL	6.8		ug/Kg-dry	224347	1	05/23/2016 14:17	CG
cis-1,2-Dichloroethene	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 14:17	CG
cis-1,3-Dichloropropene	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 14:17	CG
Cyclohexane	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 14:17	CG
Dibromochloromethane	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 14:17	CG
Dichlorodifluoromethane	BRL	6.8		ug/Kg-dry	224347	1	05/23/2016 14:17	CG
Ethylbenzene	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 14:17	CG
Freon-113	BRL	6.8		ug/Kg-dry	224347	1	05/23/2016 14:17	CG
Isopropylbenzene	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 14:17	CG
m,p-Xylene	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 14:17	CG
Methyl acetate	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 14:17	CG
Methyl tert-butyl ether	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 14:17	CG
Methylcyclohexane	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 14:17	CG
Methylene chloride	BRL	14		ug/Kg-dry	224347	1	05/23/2016 14:17	CG
o-Xylene	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 14:17	CG

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: 31-May-16

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1605G06-003

Client Sample ID: 16138-SB-2-5
Collection Date: 5/17/2016 4:10:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 14:17	CG
Tetrachloroethene	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 14:17	CG
Toluene	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 14:17	CG
trans-1,2-Dichloroethene	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 14:17	CG
trans-1,3-Dichloropropene	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 14:17	CG
Trichloroethene	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 14:17	CG
Trichlorofluoromethane	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 14:17	CG
Vinyl chloride	BRL	6.8		ug/Kg-dry	224347	1	05/23/2016 14:17	CG
Surr: 4-Bromofluorobenzene	79.9	70-128		%REC	224347	1	05/23/2016 14:17	CG
Surr: Dibromofluoromethane	88.7	78.2-128		%REC	224347	1	05/23/2016 14:17	CG
Surr: Toluene-d8	97.8	76.5-116		%REC	224347	1	05/23/2016 14:17	CG
PERCENT MOISTURE D2216								
Percent Moisture	17.8	0		wt%	R317473	1	05/24/2016 10:00	JC

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: 31-May-16

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1605G06-004

Client Sample ID: 16138-SB-2-10
Collection Date: 5/17/2016 4:15:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	5.2		ug/Kg-dry	224347	1	05/23/2016 14:41	CG
1,1,2,2-Tetrachloroethane	BRL	5.2		ug/Kg-dry	224347	1	05/23/2016 14:41	CG
1,1,2-Trichloroethane	BRL	5.2		ug/Kg-dry	224347	1	05/23/2016 14:41	CG
1,1-Dichloroethane	BRL	5.2		ug/Kg-dry	224347	1	05/23/2016 14:41	CG
1,1-Dichloroethene	BRL	5.2		ug/Kg-dry	224347	1	05/23/2016 14:41	CG
1,2,4-Trichlorobenzene	BRL	5.2		ug/Kg-dry	224347	1	05/23/2016 14:41	CG
1,2-Dibromo-3-chloropropane	BRL	5.2		ug/Kg-dry	224347	1	05/23/2016 14:41	CG
1,2-Dibromoethane	BRL	5.2		ug/Kg-dry	224347	1	05/23/2016 14:41	CG
1,2-Dichlorobenzene	BRL	5.2		ug/Kg-dry	224347	1	05/23/2016 14:41	CG
1,2-Dichloroethane	BRL	5.2		ug/Kg-dry	224347	1	05/23/2016 14:41	CG
1,2-Dichloropropane	BRL	5.2		ug/Kg-dry	224347	1	05/23/2016 14:41	CG
1,3-Dichlorobenzene	BRL	5.2		ug/Kg-dry	224347	1	05/23/2016 14:41	CG
1,4-Dichlorobenzene	BRL	5.2		ug/Kg-dry	224347	1	05/23/2016 14:41	CG
2-Butanone	BRL	52		ug/Kg-dry	224347	1	05/23/2016 14:41	CG
2-Hexanone	BRL	10		ug/Kg-dry	224347	1	05/23/2016 14:41	CG
4-Methyl-2-pentanone	BRL	10		ug/Kg-dry	224347	1	05/23/2016 14:41	CG
Acetone	BRL	100		ug/Kg-dry	224347	1	05/23/2016 14:41	CG
Benzene	BRL	5.2		ug/Kg-dry	224347	1	05/23/2016 14:41	CG
Bromodichloromethane	BRL	5.2		ug/Kg-dry	224347	1	05/23/2016 14:41	CG
Bromoform	BRL	5.2		ug/Kg-dry	224347	1	05/23/2016 14:41	CG
Bromomethane	BRL	5.2		ug/Kg-dry	224347	1	05/23/2016 14:41	CG
Carbon disulfide	BRL	10		ug/Kg-dry	224347	1	05/23/2016 14:41	CG
Carbon tetrachloride	BRL	5.2		ug/Kg-dry	224347	1	05/23/2016 14:41	CG
Chlorobenzene	BRL	5.2		ug/Kg-dry	224347	1	05/23/2016 14:41	CG
Chloroethane	BRL	10		ug/Kg-dry	224347	1	05/23/2016 14:41	CG
Chloroform	BRL	5.2		ug/Kg-dry	224347	1	05/23/2016 14:41	CG
Chloromethane	BRL	10		ug/Kg-dry	224347	1	05/23/2016 14:41	CG
cis-1,2-Dichloroethene	BRL	5.2		ug/Kg-dry	224347	1	05/23/2016 14:41	CG
cis-1,3-Dichloropropene	BRL	5.2		ug/Kg-dry	224347	1	05/23/2016 14:41	CG
Cyclohexane	BRL	5.2		ug/Kg-dry	224347	1	05/23/2016 14:41	CG
Dibromochloromethane	BRL	5.2		ug/Kg-dry	224347	1	05/23/2016 14:41	CG
Dichlorodifluoromethane	BRL	10		ug/Kg-dry	224347	1	05/23/2016 14:41	CG
Ethylbenzene	BRL	5.2		ug/Kg-dry	224347	1	05/23/2016 14:41	CG
Freon-113	BRL	10		ug/Kg-dry	224347	1	05/23/2016 14:41	CG
Isopropylbenzene	BRL	5.2		ug/Kg-dry	224347	1	05/23/2016 14:41	CG
m,p-Xylene	BRL	5.2		ug/Kg-dry	224347	1	05/23/2016 14:41	CG
Methyl acetate	BRL	5.2		ug/Kg-dry	224347	1	05/23/2016 14:41	CG
Methyl tert-butyl ether	BRL	5.2		ug/Kg-dry	224347	1	05/23/2016 14:41	CG
Methylcyclohexane	BRL	5.2		ug/Kg-dry	224347	1	05/23/2016 14:41	CG
Methylene chloride	BRL	21		ug/Kg-dry	224347	1	05/23/2016 14:41	CG
o-Xylene	BRL	5.2		ug/Kg-dry	224347	1	05/23/2016 14:41	CG

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: 31-May-16

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1605G06-004

Client Sample ID: 16138-SB-2-10
Collection Date: 5/17/2016 4:15:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	5.2		ug/Kg-dry	224347	1	05/23/2016 14:41	CG
Tetrachloroethene	BRL	5.2		ug/Kg-dry	224347	1	05/23/2016 14:41	CG
Toluene	BRL	5.2		ug/Kg-dry	224347	1	05/23/2016 14:41	CG
trans-1,2-Dichloroethene	BRL	5.2		ug/Kg-dry	224347	1	05/23/2016 14:41	CG
trans-1,3-Dichloropropene	BRL	5.2		ug/Kg-dry	224347	1	05/23/2016 14:41	CG
Trichloroethene	BRL	5.2		ug/Kg-dry	224347	1	05/23/2016 14:41	CG
Trichlorofluoromethane	BRL	5.2		ug/Kg-dry	224347	1	05/23/2016 14:41	CG
Vinyl chloride	BRL	10		ug/Kg-dry	224347	1	05/23/2016 14:41	CG
Surr: 4-Bromofluorobenzene	88.2	70-128		%REC	224347	1	05/23/2016 14:41	CG
Surr: Dibromofluoromethane	93.1	78.2-128		%REC	224347	1	05/23/2016 14:41	CG
Surr: Toluene-d8	96.3	76.5-116		%REC	224347	1	05/23/2016 14:41	CG
PERCENT MOISTURE D2216								
Percent Moisture	15.2	0		wt%	R317473	1	05/24/2016 10:00	JC

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: 31-May-16

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1605G06-005

Client Sample ID: 16138-SB-3-5
Collection Date: 5/17/2016 4:50:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	3.6		ug/Kg-dry	224347	1	05/23/2016 15:05	CG
1,1,2,2-Tetrachloroethane	BRL	3.6		ug/Kg-dry	224347	1	05/23/2016 15:05	CG
1,1,2-Trichloroethane	BRL	3.6		ug/Kg-dry	224347	1	05/23/2016 15:05	CG
1,1-Dichloroethane	BRL	3.6		ug/Kg-dry	224347	1	05/23/2016 15:05	CG
1,1-Dichloroethene	BRL	3.6		ug/Kg-dry	224347	1	05/23/2016 15:05	CG
1,2,4-Trichlorobenzene	BRL	3.6		ug/Kg-dry	224347	1	05/23/2016 15:05	CG
1,2-Dibromo-3-chloropropane	BRL	3.6		ug/Kg-dry	224347	1	05/23/2016 15:05	CG
1,2-Dibromoethane	BRL	3.6		ug/Kg-dry	224347	1	05/23/2016 15:05	CG
1,2-Dichlorobenzene	BRL	3.6		ug/Kg-dry	224347	1	05/23/2016 15:05	CG
1,2-Dichloroethane	BRL	3.6		ug/Kg-dry	224347	1	05/23/2016 15:05	CG
1,2-Dichloropropane	BRL	3.6		ug/Kg-dry	224347	1	05/23/2016 15:05	CG
1,3-Dichlorobenzene	BRL	3.6		ug/Kg-dry	224347	1	05/23/2016 15:05	CG
1,4-Dichlorobenzene	BRL	3.6		ug/Kg-dry	224347	1	05/23/2016 15:05	CG
2-Butanone	BRL	36		ug/Kg-dry	224347	1	05/23/2016 15:05	CG
2-Hexanone	BRL	7.1		ug/Kg-dry	224347	1	05/23/2016 15:05	CG
4-Methyl-2-pentanone	BRL	7.1		ug/Kg-dry	224347	1	05/23/2016 15:05	CG
Acetone	BRL	71		ug/Kg-dry	224347	1	05/23/2016 15:05	CG
Benzene	BRL	3.6		ug/Kg-dry	224347	1	05/23/2016 15:05	CG
Bromodichloromethane	BRL	3.6		ug/Kg-dry	224347	1	05/23/2016 15:05	CG
Bromoform	BRL	3.6		ug/Kg-dry	224347	1	05/23/2016 15:05	CG
Bromomethane	BRL	3.6		ug/Kg-dry	224347	1	05/23/2016 15:05	CG
Carbon disulfide	BRL	7.1		ug/Kg-dry	224347	1	05/23/2016 15:05	CG
Carbon tetrachloride	BRL	3.6		ug/Kg-dry	224347	1	05/23/2016 15:05	CG
Chlorobenzene	BRL	3.6		ug/Kg-dry	224347	1	05/23/2016 15:05	CG
Chloroethane	BRL	7.1		ug/Kg-dry	224347	1	05/23/2016 15:05	CG
Chloroform	BRL	3.6		ug/Kg-dry	224347	1	05/23/2016 15:05	CG
Chloromethane	BRL	7.1		ug/Kg-dry	224347	1	05/23/2016 15:05	CG
cis-1,2-Dichloroethene	BRL	3.6		ug/Kg-dry	224347	1	05/23/2016 15:05	CG
cis-1,3-Dichloropropene	BRL	3.6		ug/Kg-dry	224347	1	05/23/2016 15:05	CG
Cyclohexane	BRL	3.6		ug/Kg-dry	224347	1	05/23/2016 15:05	CG
Dibromochloromethane	BRL	3.6		ug/Kg-dry	224347	1	05/23/2016 15:05	CG
Dichlorodifluoromethane	BRL	7.1		ug/Kg-dry	224347	1	05/23/2016 15:05	CG
Ethylbenzene	BRL	3.6		ug/Kg-dry	224347	1	05/23/2016 15:05	CG
Freon-113	BRL	7.1		ug/Kg-dry	224347	1	05/23/2016 15:05	CG
Isopropylbenzene	BRL	3.6		ug/Kg-dry	224347	1	05/23/2016 15:05	CG
m,p-Xylene	BRL	3.6		ug/Kg-dry	224347	1	05/23/2016 15:05	CG
Methyl acetate	BRL	3.6		ug/Kg-dry	224347	1	05/23/2016 15:05	CG
Methyl tert-butyl ether	BRL	3.6		ug/Kg-dry	224347	1	05/23/2016 15:05	CG
Methylcyclohexane	BRL	3.6		ug/Kg-dry	224347	1	05/23/2016 15:05	CG
Methylene chloride	BRL	14		ug/Kg-dry	224347	1	05/23/2016 15:05	CG
o-Xylene	BRL	3.6		ug/Kg-dry	224347	1	05/23/2016 15:05	CG

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: 31-May-16

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1605G06-005

Client Sample ID: 16138-SB-3-5
Collection Date: 5/17/2016 4:50:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	3.6		ug/Kg-dry	224347	1	05/23/2016 15:05	CG
Tetrachloroethene	960	190		ug/Kg-dry	224356	50	05/25/2016 02:24	AR
Toluene	BRL	3.6		ug/Kg-dry	224347	1	05/23/2016 15:05	CG
trans-1,2-Dichloroethene	BRL	3.6		ug/Kg-dry	224347	1	05/23/2016 15:05	CG
trans-1,3-Dichloropropene	BRL	3.6		ug/Kg-dry	224347	1	05/23/2016 15:05	CG
Trichloroethene	BRL	3.6		ug/Kg-dry	224347	1	05/23/2016 15:05	CG
Trichlorofluoromethane	BRL	3.6		ug/Kg-dry	224347	1	05/23/2016 15:05	CG
Vinyl chloride	BRL	7.1		ug/Kg-dry	224347	1	05/23/2016 15:05	CG
Surr: 4-Bromofluorobenzene	85.3	70-128		%REC	224356	50	05/25/2016 02:24	AR
Surr: 4-Bromofluorobenzene	80.9	70-128		%REC	224347	1	05/23/2016 15:05	CG
Surr: Dibromofluoromethane	89.5	78.2-128		%REC	224356	50	05/25/2016 02:24	AR
Surr: Dibromofluoromethane	85.8	78.2-128		%REC	224347	1	05/23/2016 15:05	CG
Surr: Toluene-d8	96.2	76.5-116		%REC	224356	50	05/25/2016 02:24	AR
Surr: Toluene-d8	97.4	76.5-116		%REC	224347	1	05/23/2016 15:05	CG
PERCENT MOISTURE D2216								
Percent Moisture	25.4	0		wt%	R317473	1	05/24/2016 10:00	JC

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: 31-May-16

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1605G06-006

Client Sample ID: 16138-SB-3-10
Collection Date: 5/17/2016 5:00:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 15:28	CG
1,1,2,2-Tetrachloroethane	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 15:28	CG
1,1,2-Trichloroethane	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 15:28	CG
1,1-Dichloroethane	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 15:28	CG
1,1-Dichloroethene	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 15:28	CG
1,2,4-Trichlorobenzene	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 15:28	CG
1,2-Dibromo-3-chloropropane	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 15:28	CG
1,2-Dibromoethane	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 15:28	CG
1,2-Dichlorobenzene	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 15:28	CG
1,2-Dichloroethane	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 15:28	CG
1,2-Dichloropropane	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 15:28	CG
1,3-Dichlorobenzene	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 15:28	CG
1,4-Dichlorobenzene	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 15:28	CG
2-Butanone	BRL	33		ug/Kg-dry	224347	1	05/23/2016 15:28	CG
2-Hexanone	BRL	6.6		ug/Kg-dry	224347	1	05/23/2016 15:28	CG
4-Methyl-2-pentanone	BRL	6.6		ug/Kg-dry	224347	1	05/23/2016 15:28	CG
Acetone	BRL	66		ug/Kg-dry	224347	1	05/23/2016 15:28	CG
Benzene	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 15:28	CG
Bromodichloromethane	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 15:28	CG
Bromoform	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 15:28	CG
Bromomethane	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 15:28	CG
Carbon disulfide	BRL	6.6		ug/Kg-dry	224347	1	05/23/2016 15:28	CG
Carbon tetrachloride	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 15:28	CG
Chlorobenzene	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 15:28	CG
Chloroethane	BRL	6.6		ug/Kg-dry	224347	1	05/23/2016 15:28	CG
Chloroform	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 15:28	CG
Chloromethane	BRL	6.6		ug/Kg-dry	224347	1	05/23/2016 15:28	CG
cis-1,2-Dichloroethene	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 15:28	CG
cis-1,3-Dichloropropene	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 15:28	CG
Cyclohexane	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 15:28	CG
Dibromochloromethane	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 15:28	CG
Dichlorodifluoromethane	BRL	6.6		ug/Kg-dry	224347	1	05/23/2016 15:28	CG
Ethylbenzene	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 15:28	CG
Freon-113	BRL	6.6		ug/Kg-dry	224347	1	05/23/2016 15:28	CG
Isopropylbenzene	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 15:28	CG
m,p-Xylene	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 15:28	CG
Methyl acetate	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 15:28	CG
Methyl tert-butyl ether	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 15:28	CG
Methylcyclohexane	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 15:28	CG
Methylene chloride	BRL	13		ug/Kg-dry	224347	1	05/23/2016 15:28	CG
o-Xylene	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 15:28	CG

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: 31-May-16

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1605G06-006

Client Sample ID: 16138-SB-3-10
Collection Date: 5/17/2016 5:00:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 15:28	CG
Tetrachloroethene	110	3.3		ug/Kg-dry	224347	1	05/23/2016 15:28	CG
Toluene	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 15:28	CG
trans-1,2-Dichloroethene	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 15:28	CG
trans-1,3-Dichloropropene	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 15:28	CG
Trichloroethene	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 15:28	CG
Trichlorofluoromethane	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 15:28	CG
Vinyl chloride	BRL	6.6		ug/Kg-dry	224347	1	05/23/2016 15:28	CG
Surr: 4-Bromofluorobenzene	80.6	70-128		%REC	224347	1	05/23/2016 15:28	CG
Surr: Dibromofluoromethane	85	78.2-128		%REC	224347	1	05/23/2016 15:28	CG
Surr: Toluene-d8	98.3	76.5-116		%REC	224347	1	05/23/2016 15:28	CG
PERCENT MOISTURE D2216								
Percent Moisture	25.1	0		wt%	R317473	1	05/24/2016 10:00	JC

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: 31-May-16

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1605G06-007

Client Sample ID: 16139-SB-6-5
Collection Date: 5/18/2016 9:30:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	5.3		ug/Kg-dry	224347	1	05/23/2016 15:52	CG
1,1,2,2-Tetrachloroethane	BRL	5.3		ug/Kg-dry	224347	1	05/23/2016 15:52	CG
1,1,2-Trichloroethane	BRL	5.3		ug/Kg-dry	224347	1	05/23/2016 15:52	CG
1,1-Dichloroethane	BRL	5.3		ug/Kg-dry	224347	1	05/23/2016 15:52	CG
1,1-Dichloroethene	BRL	5.3		ug/Kg-dry	224347	1	05/23/2016 15:52	CG
1,2,4-Trichlorobenzene	BRL	5.3		ug/Kg-dry	224347	1	05/23/2016 15:52	CG
1,2-Dibromo-3-chloropropane	BRL	5.3		ug/Kg-dry	224347	1	05/23/2016 15:52	CG
1,2-Dibromoethane	BRL	5.3		ug/Kg-dry	224347	1	05/23/2016 15:52	CG
1,2-Dichlorobenzene	BRL	5.3		ug/Kg-dry	224347	1	05/23/2016 15:52	CG
1,2-Dichloroethane	BRL	5.3		ug/Kg-dry	224347	1	05/23/2016 15:52	CG
1,2-Dichloropropane	BRL	5.3		ug/Kg-dry	224347	1	05/23/2016 15:52	CG
1,3-Dichlorobenzene	BRL	5.3		ug/Kg-dry	224347	1	05/23/2016 15:52	CG
1,4-Dichlorobenzene	BRL	5.3		ug/Kg-dry	224347	1	05/23/2016 15:52	CG
2-Butanone	BRL	53		ug/Kg-dry	224347	1	05/23/2016 15:52	CG
2-Hexanone	BRL	11		ug/Kg-dry	224347	1	05/23/2016 15:52	CG
4-Methyl-2-pentanone	BRL	11		ug/Kg-dry	224347	1	05/23/2016 15:52	CG
Acetone	BRL	110		ug/Kg-dry	224347	1	05/23/2016 15:52	CG
Benzene	BRL	5.3		ug/Kg-dry	224347	1	05/23/2016 15:52	CG
Bromodichloromethane	BRL	5.3		ug/Kg-dry	224347	1	05/23/2016 15:52	CG
Bromoform	BRL	5.3		ug/Kg-dry	224347	1	05/23/2016 15:52	CG
Bromomethane	BRL	5.3		ug/Kg-dry	224347	1	05/23/2016 15:52	CG
Carbon disulfide	BRL	11		ug/Kg-dry	224347	1	05/23/2016 15:52	CG
Carbon tetrachloride	BRL	5.3		ug/Kg-dry	224347	1	05/23/2016 15:52	CG
Chlorobenzene	BRL	5.3		ug/Kg-dry	224347	1	05/23/2016 15:52	CG
Chloroethane	BRL	11		ug/Kg-dry	224347	1	05/23/2016 15:52	CG
Chloroform	BRL	5.3		ug/Kg-dry	224347	1	05/23/2016 15:52	CG
Chloromethane	BRL	11		ug/Kg-dry	224347	1	05/23/2016 15:52	CG
cis-1,2-Dichloroethene	BRL	5.3		ug/Kg-dry	224347	1	05/23/2016 15:52	CG
cis-1,3-Dichloropropene	BRL	5.3		ug/Kg-dry	224347	1	05/23/2016 15:52	CG
Cyclohexane	BRL	5.3		ug/Kg-dry	224347	1	05/23/2016 15:52	CG
Dibromochloromethane	BRL	5.3		ug/Kg-dry	224347	1	05/23/2016 15:52	CG
Dichlorodifluoromethane	BRL	11		ug/Kg-dry	224347	1	05/23/2016 15:52	CG
Ethylbenzene	BRL	5.3		ug/Kg-dry	224347	1	05/23/2016 15:52	CG
Freon-113	BRL	11		ug/Kg-dry	224347	1	05/23/2016 15:52	CG
Isopropylbenzene	BRL	5.3		ug/Kg-dry	224347	1	05/23/2016 15:52	CG
m,p-Xylene	BRL	5.3		ug/Kg-dry	224347	1	05/23/2016 15:52	CG
Methyl acetate	BRL	5.3		ug/Kg-dry	224347	1	05/23/2016 15:52	CG
Methyl tert-butyl ether	BRL	5.3		ug/Kg-dry	224347	1	05/23/2016 15:52	CG
Methylcyclohexane	BRL	5.3		ug/Kg-dry	224347	1	05/23/2016 15:52	CG
Methylene chloride	BRL	21		ug/Kg-dry	224347	1	05/23/2016 15:52	CG
o-Xylene	BRL	5.3		ug/Kg-dry	224347	1	05/23/2016 15:52	CG

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: 31-May-16

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1605G06-007

Client Sample ID: 16139-SB-6-5
Collection Date: 5/18/2016 9:30:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	5.3		ug/Kg-dry	224347	1	05/23/2016 15:52	CG
Tetrachloroethene	9.2	5.3		ug/Kg-dry	224347	1	05/23/2016 15:52	CG
Toluene	BRL	5.3		ug/Kg-dry	224347	1	05/23/2016 15:52	CG
trans-1,2-Dichloroethene	BRL	5.3		ug/Kg-dry	224347	1	05/23/2016 15:52	CG
trans-1,3-Dichloropropene	BRL	5.3		ug/Kg-dry	224347	1	05/23/2016 15:52	CG
Trichloroethene	BRL	5.3		ug/Kg-dry	224347	1	05/23/2016 15:52	CG
Trichlorofluoromethane	BRL	5.3		ug/Kg-dry	224347	1	05/23/2016 15:52	CG
Vinyl chloride	BRL	11		ug/Kg-dry	224347	1	05/23/2016 15:52	CG
Surr: 4-Bromofluorobenzene	81	70-128		%REC	224347	1	05/23/2016 15:52	CG
Surr: Dibromofluoromethane	88.2	78.2-128		%REC	224347	1	05/23/2016 15:52	CG
Surr: Toluene-d8	100	76.5-116		%REC	224347	1	05/23/2016 15:52	CG
PERCENT MOISTURE D2216								
Percent Moisture	25.0	0		wt%	R317473	1	05/24/2016 10:00	JC

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: 31-May-16

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1605G06-008

Client Sample ID: 16139-SB-6-9
Collection Date: 5/18/2016 9:37:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	4.5		ug/Kg-dry	224347	1	05/23/2016 16:16	CG
1,1,2,2-Tetrachloroethane	BRL	4.5		ug/Kg-dry	224347	1	05/23/2016 16:16	CG
1,1,2-Trichloroethane	BRL	4.5		ug/Kg-dry	224347	1	05/23/2016 16:16	CG
1,1-Dichloroethane	BRL	4.5		ug/Kg-dry	224347	1	05/23/2016 16:16	CG
1,1-Dichloroethene	BRL	4.5		ug/Kg-dry	224347	1	05/23/2016 16:16	CG
1,2,4-Trichlorobenzene	BRL	4.5		ug/Kg-dry	224347	1	05/23/2016 16:16	CG
1,2-Dibromo-3-chloropropane	BRL	4.5		ug/Kg-dry	224347	1	05/23/2016 16:16	CG
1,2-Dibromoethane	BRL	4.5		ug/Kg-dry	224347	1	05/23/2016 16:16	CG
1,2-Dichlorobenzene	BRL	4.5		ug/Kg-dry	224347	1	05/23/2016 16:16	CG
1,2-Dichloroethane	BRL	4.5		ug/Kg-dry	224347	1	05/23/2016 16:16	CG
1,2-Dichloropropane	BRL	4.5		ug/Kg-dry	224347	1	05/23/2016 16:16	CG
1,3-Dichlorobenzene	BRL	4.5		ug/Kg-dry	224347	1	05/23/2016 16:16	CG
1,4-Dichlorobenzene	BRL	4.5		ug/Kg-dry	224347	1	05/23/2016 16:16	CG
2-Butanone	BRL	45		ug/Kg-dry	224347	1	05/23/2016 16:16	CG
2-Hexanone	BRL	9.0		ug/Kg-dry	224347	1	05/23/2016 16:16	CG
4-Methyl-2-pentanone	BRL	9.0		ug/Kg-dry	224347	1	05/23/2016 16:16	CG
Acetone	BRL	90		ug/Kg-dry	224347	1	05/23/2016 16:16	CG
Benzene	BRL	4.5		ug/Kg-dry	224347	1	05/23/2016 16:16	CG
Bromodichloromethane	BRL	4.5		ug/Kg-dry	224347	1	05/23/2016 16:16	CG
Bromoform	BRL	4.5		ug/Kg-dry	224347	1	05/23/2016 16:16	CG
Bromomethane	BRL	4.5		ug/Kg-dry	224347	1	05/23/2016 16:16	CG
Carbon disulfide	BRL	9.0		ug/Kg-dry	224347	1	05/23/2016 16:16	CG
Carbon tetrachloride	BRL	4.5		ug/Kg-dry	224347	1	05/23/2016 16:16	CG
Chlorobenzene	BRL	4.5		ug/Kg-dry	224347	1	05/23/2016 16:16	CG
Chloroethane	BRL	9.0		ug/Kg-dry	224347	1	05/23/2016 16:16	CG
Chloroform	BRL	4.5		ug/Kg-dry	224347	1	05/23/2016 16:16	CG
Chloromethane	BRL	9.0		ug/Kg-dry	224347	1	05/23/2016 16:16	CG
cis-1,2-Dichloroethene	BRL	4.5		ug/Kg-dry	224347	1	05/23/2016 16:16	CG
cis-1,3-Dichloropropene	BRL	4.5		ug/Kg-dry	224347	1	05/23/2016 16:16	CG
Cyclohexane	BRL	4.5		ug/Kg-dry	224347	1	05/23/2016 16:16	CG
Dibromochloromethane	BRL	4.5		ug/Kg-dry	224347	1	05/23/2016 16:16	CG
Dichlorodifluoromethane	BRL	9.0		ug/Kg-dry	224347	1	05/23/2016 16:16	CG
Ethylbenzene	BRL	4.5		ug/Kg-dry	224347	1	05/23/2016 16:16	CG
Freon-113	BRL	9.0		ug/Kg-dry	224347	1	05/23/2016 16:16	CG
Isopropylbenzene	BRL	4.5		ug/Kg-dry	224347	1	05/23/2016 16:16	CG
m,p-Xylene	BRL	4.5		ug/Kg-dry	224347	1	05/23/2016 16:16	CG
Methyl acetate	BRL	4.5		ug/Kg-dry	224347	1	05/23/2016 16:16	CG
Methyl tert-butyl ether	BRL	4.5		ug/Kg-dry	224347	1	05/23/2016 16:16	CG
Methylcyclohexane	BRL	4.5		ug/Kg-dry	224347	1	05/23/2016 16:16	CG
Methylene chloride	BRL	18		ug/Kg-dry	224347	1	05/23/2016 16:16	CG
o-Xylene	BRL	4.5		ug/Kg-dry	224347	1	05/23/2016 16:16	CG

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: 31-May-16

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1605G06-008

Client Sample ID: 16139-SB-6-9
Collection Date: 5/18/2016 9:37:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	4.5		ug/Kg-dry	224347	1	05/23/2016 16:16	CG
Tetrachloroethene	41	4.5		ug/Kg-dry	224347	1	05/23/2016 16:16	CG
Toluene	BRL	4.5		ug/Kg-dry	224347	1	05/23/2016 16:16	CG
trans-1,2-Dichloroethene	BRL	4.5		ug/Kg-dry	224347	1	05/23/2016 16:16	CG
trans-1,3-Dichloropropene	BRL	4.5		ug/Kg-dry	224347	1	05/23/2016 16:16	CG
Trichloroethene	BRL	4.5		ug/Kg-dry	224347	1	05/23/2016 16:16	CG
Trichlorofluoromethane	BRL	4.5		ug/Kg-dry	224347	1	05/23/2016 16:16	CG
Vinyl chloride	BRL	9.0		ug/Kg-dry	224347	1	05/23/2016 16:16	CG
Surr: 4-Bromofluorobenzene	79.2	70-128		%REC	224347	1	05/23/2016 16:16	CG
Surr: Dibromofluoromethane	87.5	78.2-128		%REC	224347	1	05/23/2016 16:16	CG
Surr: Toluene-d8	99.8	76.5-116		%REC	224347	1	05/23/2016 16:16	CG
PERCENT MOISTURE D2216								
Percent Moisture	25.6	0		wt%	R317473	1	05/24/2016 10:00	JC

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: 31-May-16

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1605G06-009

Client Sample ID: 16139-SB-7-5
Collection Date: 5/18/2016 10:48:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	3.9		ug/Kg-dry	224347	1	05/23/2016 16:39	CG
1,1,2,2-Tetrachloroethane	BRL	3.9		ug/Kg-dry	224347	1	05/23/2016 16:39	CG
1,1,2-Trichloroethane	BRL	3.9		ug/Kg-dry	224347	1	05/23/2016 16:39	CG
1,1-Dichloroethane	BRL	3.9		ug/Kg-dry	224347	1	05/23/2016 16:39	CG
1,1-Dichloroethene	BRL	3.9		ug/Kg-dry	224347	1	05/23/2016 16:39	CG
1,2,4-Trichlorobenzene	BRL	3.9		ug/Kg-dry	224347	1	05/23/2016 16:39	CG
1,2-Dibromo-3-chloropropane	BRL	3.9		ug/Kg-dry	224347	1	05/23/2016 16:39	CG
1,2-Dibromoethane	BRL	3.9		ug/Kg-dry	224347	1	05/23/2016 16:39	CG
1,2-Dichlorobenzene	BRL	3.9		ug/Kg-dry	224347	1	05/23/2016 16:39	CG
1,2-Dichloroethane	BRL	3.9		ug/Kg-dry	224347	1	05/23/2016 16:39	CG
1,2-Dichloropropane	BRL	3.9		ug/Kg-dry	224347	1	05/23/2016 16:39	CG
1,3-Dichlorobenzene	BRL	3.9		ug/Kg-dry	224347	1	05/23/2016 16:39	CG
1,4-Dichlorobenzene	BRL	3.9		ug/Kg-dry	224347	1	05/23/2016 16:39	CG
2-Butanone	BRL	39		ug/Kg-dry	224347	1	05/23/2016 16:39	CG
2-Hexanone	BRL	7.7		ug/Kg-dry	224347	1	05/23/2016 16:39	CG
4-Methyl-2-pentanone	BRL	7.7		ug/Kg-dry	224347	1	05/23/2016 16:39	CG
Acetone	BRL	77		ug/Kg-dry	224347	1	05/23/2016 16:39	CG
Benzene	BRL	3.9		ug/Kg-dry	224347	1	05/23/2016 16:39	CG
Bromodichloromethane	BRL	3.9		ug/Kg-dry	224347	1	05/23/2016 16:39	CG
Bromoform	BRL	3.9		ug/Kg-dry	224347	1	05/23/2016 16:39	CG
Bromomethane	BRL	3.9		ug/Kg-dry	224347	1	05/23/2016 16:39	CG
Carbon disulfide	BRL	7.7		ug/Kg-dry	224347	1	05/23/2016 16:39	CG
Carbon tetrachloride	BRL	3.9		ug/Kg-dry	224347	1	05/23/2016 16:39	CG
Chlorobenzene	BRL	3.9		ug/Kg-dry	224347	1	05/23/2016 16:39	CG
Chloroethane	BRL	7.7		ug/Kg-dry	224347	1	05/23/2016 16:39	CG
Chloroform	BRL	3.9		ug/Kg-dry	224347	1	05/23/2016 16:39	CG
Chloromethane	BRL	7.7		ug/Kg-dry	224347	1	05/23/2016 16:39	CG
cis-1,2-Dichloroethene	BRL	3.9		ug/Kg-dry	224347	1	05/23/2016 16:39	CG
cis-1,3-Dichloropropene	BRL	3.9		ug/Kg-dry	224347	1	05/23/2016 16:39	CG
Cyclohexane	BRL	3.9		ug/Kg-dry	224347	1	05/23/2016 16:39	CG
Dibromochloromethane	BRL	3.9		ug/Kg-dry	224347	1	05/23/2016 16:39	CG
Dichlorodifluoromethane	BRL	7.7		ug/Kg-dry	224347	1	05/23/2016 16:39	CG
Ethylbenzene	BRL	3.9		ug/Kg-dry	224347	1	05/23/2016 16:39	CG
Freon-113	BRL	7.7		ug/Kg-dry	224347	1	05/23/2016 16:39	CG
Isopropylbenzene	BRL	3.9		ug/Kg-dry	224347	1	05/23/2016 16:39	CG
m,p-Xylene	BRL	3.9		ug/Kg-dry	224347	1	05/23/2016 16:39	CG
Methyl acetate	BRL	3.9		ug/Kg-dry	224347	1	05/23/2016 16:39	CG
Methyl tert-butyl ether	BRL	3.9		ug/Kg-dry	224347	1	05/23/2016 16:39	CG
Methylcyclohexane	BRL	3.9		ug/Kg-dry	224347	1	05/23/2016 16:39	CG
Methylene chloride	BRL	15		ug/Kg-dry	224347	1	05/23/2016 16:39	CG
o-Xylene	BRL	3.9		ug/Kg-dry	224347	1	05/23/2016 16:39	CG

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: 31-May-16

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1605G06-009

Client Sample ID: 16139-SB-7-5
Collection Date: 5/18/2016 10:48:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	3.9		ug/Kg-dry	224347	1	05/23/2016 16:39	CG
Tetrachloroethene	BRL	3.9		ug/Kg-dry	224347	1	05/23/2016 16:39	CG
Toluene	BRL	3.9		ug/Kg-dry	224347	1	05/23/2016 16:39	CG
trans-1,2-Dichloroethene	BRL	3.9		ug/Kg-dry	224347	1	05/23/2016 16:39	CG
trans-1,3-Dichloropropene	BRL	3.9		ug/Kg-dry	224347	1	05/23/2016 16:39	CG
Trichloroethene	BRL	3.9		ug/Kg-dry	224347	1	05/23/2016 16:39	CG
Trichlorofluoromethane	BRL	3.9		ug/Kg-dry	224347	1	05/23/2016 16:39	CG
Vinyl chloride	BRL	7.7		ug/Kg-dry	224347	1	05/23/2016 16:39	CG
Surr: 4-Bromofluorobenzene	84.7	70-128		%REC	224347	1	05/23/2016 16:39	CG
Surr: Dibromofluoromethane	88.4	78.2-128		%REC	224347	1	05/23/2016 16:39	CG
Surr: Toluene-d8	101	76.5-116		%REC	224347	1	05/23/2016 16:39	CG
PERCENT MOISTURE D2216								
Percent Moisture	26.6	0		wt%	R317473	1	05/24/2016 10:00	JC

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: 31-May-16

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1605G06-010

Client Sample ID: 16139-SB-7-10
Collection Date: 5/18/2016 11:05:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 17:03	CG
1,1,2,2-Tetrachloroethane	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 17:03	CG
1,1,2-Trichloroethane	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 17:03	CG
1,1-Dichloroethane	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 17:03	CG
1,1-Dichloroethene	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 17:03	CG
1,2,4-Trichlorobenzene	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 17:03	CG
1,2-Dibromo-3-chloropropane	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 17:03	CG
1,2-Dibromoethane	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 17:03	CG
1,2-Dichlorobenzene	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 17:03	CG
1,2-Dichloroethane	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 17:03	CG
1,2-Dichloropropane	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 17:03	CG
1,3-Dichlorobenzene	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 17:03	CG
1,4-Dichlorobenzene	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 17:03	CG
2-Butanone	BRL	32		ug/Kg-dry	224347	1	05/23/2016 17:03	CG
2-Hexanone	BRL	6.5		ug/Kg-dry	224347	1	05/23/2016 17:03	CG
4-Methyl-2-pentanone	BRL	6.5		ug/Kg-dry	224347	1	05/23/2016 17:03	CG
Acetone	BRL	65		ug/Kg-dry	224347	1	05/23/2016 17:03	CG
Benzene	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 17:03	CG
Bromodichloromethane	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 17:03	CG
Bromoform	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 17:03	CG
Bromomethane	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 17:03	CG
Carbon disulfide	BRL	6.5		ug/Kg-dry	224347	1	05/23/2016 17:03	CG
Carbon tetrachloride	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 17:03	CG
Chlorobenzene	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 17:03	CG
Chloroethane	BRL	6.5		ug/Kg-dry	224347	1	05/23/2016 17:03	CG
Chloroform	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 17:03	CG
Chloromethane	BRL	6.5		ug/Kg-dry	224347	1	05/23/2016 17:03	CG
cis-1,2-Dichloroethene	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 17:03	CG
cis-1,3-Dichloropropene	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 17:03	CG
Cyclohexane	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 17:03	CG
Dibromochloromethane	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 17:03	CG
Dichlorodifluoromethane	BRL	6.5		ug/Kg-dry	224347	1	05/23/2016 17:03	CG
Ethylbenzene	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 17:03	CG
Freon-113	BRL	6.5		ug/Kg-dry	224347	1	05/23/2016 17:03	CG
Isopropylbenzene	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 17:03	CG
m,p-Xylene	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 17:03	CG
Methyl acetate	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 17:03	CG
Methyl tert-butyl ether	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 17:03	CG
Methylcyclohexane	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 17:03	CG
Methylene chloride	BRL	13		ug/Kg-dry	224347	1	05/23/2016 17:03	CG
o-Xylene	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 17:03	CG

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: 31-May-16

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1605G06-010

Client Sample ID: 16139-SB-7-10
Collection Date: 5/18/2016 11:05:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 17:03	CG
Tetrachloroethene	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 17:03	CG
Toluene	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 17:03	CG
trans-1,2-Dichloroethene	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 17:03	CG
trans-1,3-Dichloropropene	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 17:03	CG
Trichloroethene	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 17:03	CG
Trichlorofluoromethane	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 17:03	CG
Vinyl chloride	BRL	6.5		ug/Kg-dry	224347	1	05/23/2016 17:03	CG
Surr: 4-Bromofluorobenzene	81.3	70-128		%REC	224347	1	05/23/2016 17:03	CG
Surr: Dibromofluoromethane	87	78.2-128		%REC	224347	1	05/23/2016 17:03	CG
Surr: Toluene-d8	96.9	76.5-116		%REC	224347	1	05/23/2016 17:03	CG
PERCENT MOISTURE D2216								
Percent Moisture	15.4	0		wt%	R317473	1	05/24/2016 10:00	JC

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: 31-May-16

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1605G06-011

Client Sample ID: 16139-SB-5-5
Collection Date: 5/18/2016 11:25:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 18:39	CG
1,1,2,2-Tetrachloroethane	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 18:39	CG
1,1,2-Trichloroethane	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 18:39	CG
1,1-Dichloroethane	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 18:39	CG
1,1-Dichloroethene	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 18:39	CG
1,2,4-Trichlorobenzene	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 18:39	CG
1,2-Dibromo-3-chloropropane	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 18:39	CG
1,2-Dibromoethane	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 18:39	CG
1,2-Dichlorobenzene	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 18:39	CG
1,2-Dichloroethane	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 18:39	CG
1,2-Dichloropropane	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 18:39	CG
1,3-Dichlorobenzene	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 18:39	CG
1,4-Dichlorobenzene	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 18:39	CG
2-Butanone	BRL	34		ug/Kg-dry	224347	1	05/23/2016 18:39	CG
2-Hexanone	BRL	6.7		ug/Kg-dry	224347	1	05/23/2016 18:39	CG
4-Methyl-2-pentanone	BRL	6.7		ug/Kg-dry	224347	1	05/23/2016 18:39	CG
Acetone	BRL	67		ug/Kg-dry	224347	1	05/23/2016 18:39	CG
Benzene	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 18:39	CG
Bromodichloromethane	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 18:39	CG
Bromoform	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 18:39	CG
Bromomethane	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 18:39	CG
Carbon disulfide	BRL	6.7		ug/Kg-dry	224347	1	05/23/2016 18:39	CG
Carbon tetrachloride	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 18:39	CG
Chlorobenzene	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 18:39	CG
Chloroethane	BRL	6.7		ug/Kg-dry	224347	1	05/23/2016 18:39	CG
Chloroform	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 18:39	CG
Chloromethane	BRL	6.7		ug/Kg-dry	224347	1	05/23/2016 18:39	CG
cis-1,2-Dichloroethene	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 18:39	CG
cis-1,3-Dichloropropene	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 18:39	CG
Cyclohexane	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 18:39	CG
Dibromochloromethane	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 18:39	CG
Dichlorodifluoromethane	BRL	6.7		ug/Kg-dry	224347	1	05/23/2016 18:39	CG
Ethylbenzene	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 18:39	CG
Freon-113	BRL	6.7		ug/Kg-dry	224347	1	05/23/2016 18:39	CG
Isopropylbenzene	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 18:39	CG
m,p-Xylene	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 18:39	CG
Methyl acetate	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 18:39	CG
Methyl tert-butyl ether	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 18:39	CG
Methylcyclohexane	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 18:39	CG
Methylene chloride	BRL	13		ug/Kg-dry	224347	1	05/23/2016 18:39	CG
o-Xylene	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 18:39	CG

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: 31-May-16

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1605G06-011

Client Sample ID: 16139-SB-5-5
Collection Date: 5/18/2016 11:25:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 18:39	CG
Tetrachloroethene	20	3.4		ug/Kg-dry	224347	1	05/23/2016 18:39	CG
Toluene	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 18:39	CG
trans-1,2-Dichloroethene	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 18:39	CG
trans-1,3-Dichloropropene	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 18:39	CG
Trichloroethene	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 18:39	CG
Trichlorofluoromethane	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 18:39	CG
Vinyl chloride	BRL	6.7		ug/Kg-dry	224347	1	05/23/2016 18:39	CG
Surr: 4-Bromofluorobenzene	88.4	70-128		%REC	224347	1	05/23/2016 18:39	CG
Surr: Dibromofluoromethane	94.4	78.2-128		%REC	224347	1	05/23/2016 18:39	CG
Surr: Toluene-d8	93	76.5-116		%REC	224347	1	05/23/2016 18:39	CG
PERCENT MOISTURE D2216								
Percent Moisture	25.8	0		wt%	R317473	1	05/24/2016 10:00	JC

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: 31-May-16

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1605G06-012

Client Sample ID: 16139-SB-5-10
Collection Date: 5/18/2016 11:30:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 19:02	CG
1,1,2,2-Tetrachloroethane	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 19:02	CG
1,1,2-Trichloroethane	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 19:02	CG
1,1-Dichloroethane	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 19:02	CG
1,1-Dichloroethene	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 19:02	CG
1,2,4-Trichlorobenzene	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 19:02	CG
1,2-Dibromo-3-chloropropane	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 19:02	CG
1,2-Dibromoethane	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 19:02	CG
1,2-Dichlorobenzene	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 19:02	CG
1,2-Dichloroethane	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 19:02	CG
1,2-Dichloropropane	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 19:02	CG
1,3-Dichlorobenzene	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 19:02	CG
1,4-Dichlorobenzene	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 19:02	CG
2-Butanone	BRL	32		ug/Kg-dry	224347	1	05/23/2016 19:02	CG
2-Hexanone	BRL	6.4		ug/Kg-dry	224347	1	05/23/2016 19:02	CG
4-Methyl-2-pentanone	BRL	6.4		ug/Kg-dry	224347	1	05/23/2016 19:02	CG
Acetone	BRL	64		ug/Kg-dry	224347	1	05/23/2016 19:02	CG
Benzene	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 19:02	CG
Bromodichloromethane	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 19:02	CG
Bromoform	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 19:02	CG
Bromomethane	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 19:02	CG
Carbon disulfide	BRL	6.4		ug/Kg-dry	224347	1	05/23/2016 19:02	CG
Carbon tetrachloride	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 19:02	CG
Chlorobenzene	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 19:02	CG
Chloroethane	BRL	6.4		ug/Kg-dry	224347	1	05/23/2016 19:02	CG
Chloroform	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 19:02	CG
Chloromethane	BRL	6.4		ug/Kg-dry	224347	1	05/23/2016 19:02	CG
cis-1,2-Dichloroethene	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 19:02	CG
cis-1,3-Dichloropropene	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 19:02	CG
Cyclohexane	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 19:02	CG
Dibromochloromethane	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 19:02	CG
Dichlorodifluoromethane	BRL	6.4		ug/Kg-dry	224347	1	05/23/2016 19:02	CG
Ethylbenzene	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 19:02	CG
Freon-113	BRL	6.4		ug/Kg-dry	224347	1	05/23/2016 19:02	CG
Isopropylbenzene	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 19:02	CG
m,p-Xylene	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 19:02	CG
Methyl acetate	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 19:02	CG
Methyl tert-butyl ether	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 19:02	CG
Methylcyclohexane	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 19:02	CG
Methylene chloride	BRL	13		ug/Kg-dry	224347	1	05/23/2016 19:02	CG
o-Xylene	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 19:02	CG

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: 31-May-16

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1605G06-012

Client Sample ID: 16139-SB-5-10
Collection Date: 5/18/2016 11:30:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 19:02	CG
Tetrachloroethene	82	3.2		ug/Kg-dry	224347	1	05/23/2016 19:02	CG
Toluene	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 19:02	CG
trans-1,2-Dichloroethene	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 19:02	CG
trans-1,3-Dichloropropene	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 19:02	CG
Trichloroethene	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 19:02	CG
Trichlorofluoromethane	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 19:02	CG
Vinyl chloride	BRL	6.4		ug/Kg-dry	224347	1	05/23/2016 19:02	CG
Surr: 4-Bromofluorobenzene	89.3	70-128		%REC	224347	1	05/23/2016 19:02	CG
Surr: Dibromofluoromethane	93.2	78.2-128		%REC	224347	1	05/23/2016 19:02	CG
Surr: Toluene-d8	93.9	76.5-116		%REC	224347	1	05/23/2016 19:02	CG
PERCENT MOISTURE D2216								
Percent Moisture	24.7	0		wt%	R317473	1	05/24/2016 10:00	JC

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: 31-May-16

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1605G06-013

Client Sample ID: 16139-SB-4-5
Collection Date: 5/18/2016 11:55:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 19:26	CG
1,1,2,2-Tetrachloroethane	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 19:26	CG
1,1,2-Trichloroethane	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 19:26	CG
1,1-Dichloroethane	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 19:26	CG
1,1-Dichloroethene	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 19:26	CG
1,2,4-Trichlorobenzene	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 19:26	CG
1,2-Dibromo-3-chloropropane	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 19:26	CG
1,2-Dibromoethane	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 19:26	CG
1,2-Dichlorobenzene	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 19:26	CG
1,2-Dichloroethane	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 19:26	CG
1,2-Dichloropropane	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 19:26	CG
1,3-Dichlorobenzene	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 19:26	CG
1,4-Dichlorobenzene	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 19:26	CG
2-Butanone	BRL	34		ug/Kg-dry	224347	1	05/23/2016 19:26	CG
2-Hexanone	BRL	6.7		ug/Kg-dry	224347	1	05/23/2016 19:26	CG
4-Methyl-2-pentanone	BRL	6.7		ug/Kg-dry	224347	1	05/23/2016 19:26	CG
Acetone	BRL	67		ug/Kg-dry	224347	1	05/23/2016 19:26	CG
Benzene	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 19:26	CG
Bromodichloromethane	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 19:26	CG
Bromoform	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 19:26	CG
Bromomethane	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 19:26	CG
Carbon disulfide	BRL	6.7		ug/Kg-dry	224347	1	05/23/2016 19:26	CG
Carbon tetrachloride	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 19:26	CG
Chlorobenzene	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 19:26	CG
Chloroethane	BRL	6.7		ug/Kg-dry	224347	1	05/23/2016 19:26	CG
Chloroform	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 19:26	CG
Chloromethane	BRL	6.7		ug/Kg-dry	224347	1	05/23/2016 19:26	CG
cis-1,2-Dichloroethene	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 19:26	CG
cis-1,3-Dichloropropene	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 19:26	CG
Cyclohexane	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 19:26	CG
Dibromochloromethane	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 19:26	CG
Dichlorodifluoromethane	BRL	6.7		ug/Kg-dry	224347	1	05/23/2016 19:26	CG
Ethylbenzene	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 19:26	CG
Freon-113	BRL	6.7		ug/Kg-dry	224347	1	05/23/2016 19:26	CG
Isopropylbenzene	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 19:26	CG
m,p-Xylene	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 19:26	CG
Methyl acetate	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 19:26	CG
Methyl tert-butyl ether	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 19:26	CG
Methylcyclohexane	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 19:26	CG
Methylene chloride	BRL	13		ug/Kg-dry	224347	1	05/23/2016 19:26	CG
o-Xylene	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 19:26	CG

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: 31-May-16

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1605G06-013

Client Sample ID: 16139-SB-4-5
Collection Date: 5/18/2016 11:55:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 19:26	CG
Tetrachloroethene	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 19:26	CG
Toluene	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 19:26	CG
trans-1,2-Dichloroethene	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 19:26	CG
trans-1,3-Dichloropropene	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 19:26	CG
Trichloroethene	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 19:26	CG
Trichlorofluoromethane	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 19:26	CG
Vinyl chloride	BRL	6.7		ug/Kg-dry	224347	1	05/23/2016 19:26	CG
Surr: 4-Bromofluorobenzene	88.8	70-128		%REC	224347	1	05/23/2016 19:26	CG
Surr: Dibromofluoromethane	93.4	78.2-128		%REC	224347	1	05/23/2016 19:26	CG
Surr: Toluene-d8	94.9	76.5-116		%REC	224347	1	05/23/2016 19:26	CG
PERCENT MOISTURE D2216								
Percent Moisture	16.1	0		wt%	R317473	1	05/24/2016 10:00	JC

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: 31-May-16

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1605G06-014

Client Sample ID: 16139-SB-4-10
Collection Date: 5/18/2016 12:00:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 19:50	CG
1,1,2,2-Tetrachloroethane	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 19:50	CG
1,1,2-Trichloroethane	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 19:50	CG
1,1-Dichloroethane	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 19:50	CG
1,1-Dichloroethene	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 19:50	CG
1,2,4-Trichlorobenzene	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 19:50	CG
1,2-Dibromo-3-chloropropane	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 19:50	CG
1,2-Dibromoethane	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 19:50	CG
1,2-Dichlorobenzene	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 19:50	CG
1,2-Dichloroethane	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 19:50	CG
1,2-Dichloropropane	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 19:50	CG
1,3-Dichlorobenzene	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 19:50	CG
1,4-Dichlorobenzene	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 19:50	CG
2-Butanone	BRL	34		ug/Kg-dry	224347	1	05/23/2016 19:50	CG
2-Hexanone	BRL	6.8		ug/Kg-dry	224347	1	05/23/2016 19:50	CG
4-Methyl-2-pentanone	BRL	6.8		ug/Kg-dry	224347	1	05/23/2016 19:50	CG
Acetone	BRL	68		ug/Kg-dry	224347	1	05/23/2016 19:50	CG
Benzene	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 19:50	CG
Bromodichloromethane	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 19:50	CG
Bromoform	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 19:50	CG
Bromomethane	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 19:50	CG
Carbon disulfide	BRL	6.8		ug/Kg-dry	224347	1	05/23/2016 19:50	CG
Carbon tetrachloride	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 19:50	CG
Chlorobenzene	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 19:50	CG
Chloroethane	BRL	6.8		ug/Kg-dry	224347	1	05/23/2016 19:50	CG
Chloroform	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 19:50	CG
Chloromethane	BRL	6.8		ug/Kg-dry	224347	1	05/23/2016 19:50	CG
cis-1,2-Dichloroethene	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 19:50	CG
cis-1,3-Dichloropropene	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 19:50	CG
Cyclohexane	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 19:50	CG
Dibromochloromethane	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 19:50	CG
Dichlorodifluoromethane	BRL	6.8		ug/Kg-dry	224347	1	05/23/2016 19:50	CG
Ethylbenzene	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 19:50	CG
Freon-113	BRL	6.8		ug/Kg-dry	224347	1	05/23/2016 19:50	CG
Isopropylbenzene	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 19:50	CG
m,p-Xylene	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 19:50	CG
Methyl acetate	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 19:50	CG
Methyl tert-butyl ether	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 19:50	CG
Methylcyclohexane	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 19:50	CG
Methylene chloride	BRL	14		ug/Kg-dry	224347	1	05/23/2016 19:50	CG
o-Xylene	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 19:50	CG

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: 31-May-16

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1605G06-014

Client Sample ID: 16139-SB-4-10
Collection Date: 5/18/2016 12:00:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 19:50	CG
Tetrachloroethene	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 19:50	CG
Toluene	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 19:50	CG
trans-1,2-Dichloroethene	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 19:50	CG
trans-1,3-Dichloropropene	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 19:50	CG
Trichloroethene	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 19:50	CG
Trichlorofluoromethane	BRL	3.4		ug/Kg-dry	224347	1	05/23/2016 19:50	CG
Vinyl chloride	BRL	6.8		ug/Kg-dry	224347	1	05/23/2016 19:50	CG
Surr: 4-Bromofluorobenzene	91.4	70-128		%REC	224347	1	05/23/2016 19:50	CG
Surr: Dibromofluoromethane	91.7	78.2-128		%REC	224347	1	05/23/2016 19:50	CG
Surr: Toluene-d8	93.1	76.5-116		%REC	224347	1	05/23/2016 19:50	CG
PERCENT MOISTURE D2216								
Percent Moisture	24.5	0		wt%	R317473	1	05/24/2016 10:00	JC

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: 31-May-16

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1605G06-015

Client Sample ID: 16139-SB-8-2
Collection Date: 5/18/2016 2:50:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	3.7		ug/Kg-dry	224347	1	05/23/2016 20:14	CG
1,1,2,2-Tetrachloroethane	BRL	3.7		ug/Kg-dry	224347	1	05/23/2016 20:14	CG
1,1,2-Trichloroethane	BRL	3.7		ug/Kg-dry	224347	1	05/23/2016 20:14	CG
1,1-Dichloroethane	BRL	3.7		ug/Kg-dry	224347	1	05/23/2016 20:14	CG
1,1-Dichloroethene	BRL	3.7		ug/Kg-dry	224347	1	05/23/2016 20:14	CG
1,2,4-Trichlorobenzene	BRL	3.7		ug/Kg-dry	224347	1	05/23/2016 20:14	CG
1,2-Dibromo-3-chloropropane	BRL	3.7		ug/Kg-dry	224347	1	05/23/2016 20:14	CG
1,2-Dibromoethane	BRL	3.7		ug/Kg-dry	224347	1	05/23/2016 20:14	CG
1,2-Dichlorobenzene	BRL	3.7		ug/Kg-dry	224347	1	05/23/2016 20:14	CG
1,2-Dichloroethane	BRL	3.7		ug/Kg-dry	224347	1	05/23/2016 20:14	CG
1,2-Dichloropropane	BRL	3.7		ug/Kg-dry	224347	1	05/23/2016 20:14	CG
1,3-Dichlorobenzene	BRL	3.7		ug/Kg-dry	224347	1	05/23/2016 20:14	CG
1,4-Dichlorobenzene	BRL	3.7		ug/Kg-dry	224347	1	05/23/2016 20:14	CG
2-Butanone	BRL	37		ug/Kg-dry	224347	1	05/23/2016 20:14	CG
2-Hexanone	BRL	7.5		ug/Kg-dry	224347	1	05/23/2016 20:14	CG
4-Methyl-2-pentanone	BRL	7.5		ug/Kg-dry	224347	1	05/23/2016 20:14	CG
Acetone	BRL	75		ug/Kg-dry	224347	1	05/23/2016 20:14	CG
Benzene	BRL	3.7		ug/Kg-dry	224347	1	05/23/2016 20:14	CG
Bromodichloromethane	BRL	3.7		ug/Kg-dry	224347	1	05/23/2016 20:14	CG
Bromoform	BRL	3.7		ug/Kg-dry	224347	1	05/23/2016 20:14	CG
Bromomethane	BRL	3.7		ug/Kg-dry	224347	1	05/23/2016 20:14	CG
Carbon disulfide	BRL	7.5		ug/Kg-dry	224347	1	05/23/2016 20:14	CG
Carbon tetrachloride	BRL	3.7		ug/Kg-dry	224347	1	05/23/2016 20:14	CG
Chlorobenzene	BRL	3.7		ug/Kg-dry	224347	1	05/23/2016 20:14	CG
Chloroethane	BRL	7.5		ug/Kg-dry	224347	1	05/23/2016 20:14	CG
Chloroform	BRL	3.7		ug/Kg-dry	224347	1	05/23/2016 20:14	CG
Chloromethane	BRL	7.5		ug/Kg-dry	224347	1	05/23/2016 20:14	CG
cis-1,2-Dichloroethene	BRL	3.7		ug/Kg-dry	224347	1	05/23/2016 20:14	CG
cis-1,3-Dichloropropene	BRL	3.7		ug/Kg-dry	224347	1	05/23/2016 20:14	CG
Cyclohexane	BRL	3.7		ug/Kg-dry	224347	1	05/23/2016 20:14	CG
Dibromochloromethane	BRL	3.7		ug/Kg-dry	224347	1	05/23/2016 20:14	CG
Dichlorodifluoromethane	BRL	7.5		ug/Kg-dry	224347	1	05/23/2016 20:14	CG
Ethylbenzene	BRL	3.7		ug/Kg-dry	224347	1	05/23/2016 20:14	CG
Freon-113	BRL	7.5		ug/Kg-dry	224347	1	05/23/2016 20:14	CG
Isopropylbenzene	BRL	3.7		ug/Kg-dry	224347	1	05/23/2016 20:14	CG
m,p-Xylene	BRL	3.7		ug/Kg-dry	224347	1	05/23/2016 20:14	CG
Methyl acetate	BRL	3.7		ug/Kg-dry	224347	1	05/23/2016 20:14	CG
Methyl tert-butyl ether	BRL	3.7		ug/Kg-dry	224347	1	05/23/2016 20:14	CG
Methylcyclohexane	BRL	3.7		ug/Kg-dry	224347	1	05/23/2016 20:14	CG
Methylene chloride	BRL	15		ug/Kg-dry	224347	1	05/23/2016 20:14	CG
o-Xylene	BRL	3.7		ug/Kg-dry	224347	1	05/23/2016 20:14	CG

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: 31-May-16

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1605G06-015

Client Sample ID: 16139-SB-8-2
Collection Date: 5/18/2016 2:50:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	3.7		ug/Kg-dry	224347	1	05/23/2016 20:14	CG
Tetrachloroethene	3000	190		ug/Kg-dry	224347	50	05/25/2016 10:48	AR
Toluene	BRL	3.7		ug/Kg-dry	224347	1	05/23/2016 20:14	CG
trans-1,2-Dichloroethene	BRL	3.7		ug/Kg-dry	224347	1	05/23/2016 20:14	CG
trans-1,3-Dichloropropene	BRL	3.7		ug/Kg-dry	224347	1	05/23/2016 20:14	CG
Trichloroethene	BRL	3.7		ug/Kg-dry	224347	1	05/23/2016 20:14	CG
Trichlorofluoromethane	BRL	3.7		ug/Kg-dry	224347	1	05/23/2016 20:14	CG
Vinyl chloride	BRL	7.5		ug/Kg-dry	224347	1	05/23/2016 20:14	CG
Surr: 4-Bromofluorobenzene	85.7	70-128		%REC	224347	50	05/25/2016 10:48	AR
Surr: 4-Bromofluorobenzene	79.8	70-128		%REC	224347	1	05/23/2016 20:14	CG
Surr: Dibromofluoromethane	89.1	78.2-128		%REC	224347	50	05/25/2016 10:48	AR
Surr: Dibromofluoromethane	84.8	78.2-128		%REC	224347	1	05/23/2016 20:14	CG
Surr: Toluene-d8	99.6	76.5-116		%REC	224347	50	05/25/2016 10:48	AR
Surr: Toluene-d8	95.6	76.5-116		%REC	224347	1	05/23/2016 20:14	CG
PERCENT MOISTURE D2216								
Percent Moisture	25.0	0		wt%	R317473	1	05/24/2016 10:00	JC

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: 31-May-16

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1605G06-016

Client Sample ID: 16139-SB-8-14
Collection Date: 5/18/2016 3:10:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	2.6		ug/Kg-dry	224347	1	05/23/2016 20:38	CG
1,1,2,2-Tetrachloroethane	BRL	2.6		ug/Kg-dry	224347	1	05/23/2016 20:38	CG
1,1,2-Trichloroethane	BRL	2.6		ug/Kg-dry	224347	1	05/23/2016 20:38	CG
1,1-Dichloroethane	BRL	2.6		ug/Kg-dry	224347	1	05/23/2016 20:38	CG
1,1-Dichloroethene	BRL	2.6		ug/Kg-dry	224347	1	05/23/2016 20:38	CG
1,2,4-Trichlorobenzene	BRL	2.6		ug/Kg-dry	224347	1	05/23/2016 20:38	CG
1,2-Dibromo-3-chloropropane	BRL	2.6		ug/Kg-dry	224347	1	05/23/2016 20:38	CG
1,2-Dibromoethane	BRL	2.6		ug/Kg-dry	224347	1	05/23/2016 20:38	CG
1,2-Dichlorobenzene	BRL	2.6		ug/Kg-dry	224347	1	05/23/2016 20:38	CG
1,2-Dichloroethane	BRL	2.6		ug/Kg-dry	224347	1	05/23/2016 20:38	CG
1,2-Dichloropropane	BRL	2.6		ug/Kg-dry	224347	1	05/23/2016 20:38	CG
1,3-Dichlorobenzene	BRL	2.6		ug/Kg-dry	224347	1	05/23/2016 20:38	CG
1,4-Dichlorobenzene	BRL	2.6		ug/Kg-dry	224347	1	05/23/2016 20:38	CG
2-Butanone	BRL	26		ug/Kg-dry	224347	1	05/23/2016 20:38	CG
2-Hexanone	BRL	5.2		ug/Kg-dry	224347	1	05/23/2016 20:38	CG
4-Methyl-2-pentanone	BRL	5.2		ug/Kg-dry	224347	1	05/23/2016 20:38	CG
Acetone	BRL	52		ug/Kg-dry	224347	1	05/23/2016 20:38	CG
Benzene	BRL	2.6		ug/Kg-dry	224347	1	05/23/2016 20:38	CG
Bromodichloromethane	BRL	2.6		ug/Kg-dry	224347	1	05/23/2016 20:38	CG
Bromoform	BRL	2.6		ug/Kg-dry	224347	1	05/23/2016 20:38	CG
Bromomethane	BRL	2.6		ug/Kg-dry	224347	1	05/23/2016 20:38	CG
Carbon disulfide	BRL	5.2		ug/Kg-dry	224347	1	05/23/2016 20:38	CG
Carbon tetrachloride	BRL	2.6		ug/Kg-dry	224347	1	05/23/2016 20:38	CG
Chlorobenzene	BRL	2.6		ug/Kg-dry	224347	1	05/23/2016 20:38	CG
Chloroethane	BRL	5.2		ug/Kg-dry	224347	1	05/23/2016 20:38	CG
Chloroform	BRL	2.6		ug/Kg-dry	224347	1	05/23/2016 20:38	CG
Chloromethane	BRL	5.2		ug/Kg-dry	224347	1	05/23/2016 20:38	CG
cis-1,2-Dichloroethene	BRL	2.6		ug/Kg-dry	224347	1	05/23/2016 20:38	CG
cis-1,3-Dichloropropene	BRL	2.6		ug/Kg-dry	224347	1	05/23/2016 20:38	CG
Cyclohexane	BRL	2.6		ug/Kg-dry	224347	1	05/23/2016 20:38	CG
Dibromochloromethane	BRL	2.6		ug/Kg-dry	224347	1	05/23/2016 20:38	CG
Dichlorodifluoromethane	BRL	5.2		ug/Kg-dry	224347	1	05/23/2016 20:38	CG
Ethylbenzene	BRL	2.6		ug/Kg-dry	224347	1	05/23/2016 20:38	CG
Freon-113	BRL	5.2		ug/Kg-dry	224347	1	05/23/2016 20:38	CG
Isopropylbenzene	BRL	2.6		ug/Kg-dry	224347	1	05/23/2016 20:38	CG
m,p-Xylene	BRL	2.6		ug/Kg-dry	224347	1	05/23/2016 20:38	CG
Methyl acetate	BRL	2.6		ug/Kg-dry	224347	1	05/23/2016 20:38	CG
Methyl tert-butyl ether	BRL	2.6		ug/Kg-dry	224347	1	05/23/2016 20:38	CG
Methylcyclohexane	BRL	2.6		ug/Kg-dry	224347	1	05/23/2016 20:38	CG
Methylene chloride	BRL	10		ug/Kg-dry	224347	1	05/23/2016 20:38	CG
o-Xylene	BRL	2.6		ug/Kg-dry	224347	1	05/23/2016 20:38	CG

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: 31-May-16

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1605G06-016

Client Sample ID: 16139-SB-8-14
Collection Date: 5/18/2016 3:10:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	2.6		ug/Kg-dry	224347	1	05/23/2016 20:38	CG
Tetrachloroethene	2300	320		ug/Kg-dry	224356	100	05/25/2016 01:32	AR
Toluene	BRL	2.6		ug/Kg-dry	224347	1	05/23/2016 20:38	CG
trans-1,2-Dichloroethene	BRL	2.6		ug/Kg-dry	224347	1	05/23/2016 20:38	CG
trans-1,3-Dichloropropene	BRL	2.6		ug/Kg-dry	224347	1	05/23/2016 20:38	CG
Trichloroethene	BRL	2.6		ug/Kg-dry	224347	1	05/23/2016 20:38	CG
Trichlorofluoromethane	BRL	2.6		ug/Kg-dry	224347	1	05/23/2016 20:38	CG
Vinyl chloride	BRL	5.2		ug/Kg-dry	224347	1	05/23/2016 20:38	CG
Surr: 4-Bromofluorobenzene	89.8	70-128		%REC	224347	1	05/23/2016 20:38	CG
Surr: 4-Bromofluorobenzene	91.9	70-128		%REC	224356	100	05/25/2016 01:32	AR
Surr: Dibromofluoromethane	88.7	78.2-128		%REC	224347	1	05/23/2016 20:38	CG
Surr: Dibromofluoromethane	103	78.2-128		%REC	224356	100	05/25/2016 01:32	AR
Surr: Toluene-d8	92.9	76.5-116		%REC	224347	1	05/23/2016 20:38	CG
Surr: Toluene-d8	93.3	76.5-116		%REC	224356	100	05/25/2016 01:32	AR
PERCENT MOISTURE D2216								
Percent Moisture	13.7	0		wt%	R317473	1	05/24/2016 10:00	JC

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: 31-May-16

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1605G06-017

Client Sample ID: 16139-SB-9-2
Collection Date: 5/18/2016 3:35:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 21:01	CG
1,1,2,2-Tetrachloroethane	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 21:01	CG
1,1,2-Trichloroethane	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 21:01	CG
1,1-Dichloroethane	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 21:01	CG
1,1-Dichloroethene	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 21:01	CG
1,2,4-Trichlorobenzene	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 21:01	CG
1,2-Dibromo-3-chloropropane	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 21:01	CG
1,2-Dibromoethane	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 21:01	CG
1,2-Dichlorobenzene	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 21:01	CG
1,2-Dichloroethane	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 21:01	CG
1,2-Dichloropropane	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 21:01	CG
1,3-Dichlorobenzene	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 21:01	CG
1,4-Dichlorobenzene	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 21:01	CG
2-Butanone	BRL	32		ug/Kg-dry	224347	1	05/23/2016 21:01	CG
2-Hexanone	BRL	6.3		ug/Kg-dry	224347	1	05/23/2016 21:01	CG
4-Methyl-2-pentanone	BRL	6.3		ug/Kg-dry	224347	1	05/23/2016 21:01	CG
Acetone	81	63		ug/Kg-dry	224347	1	05/23/2016 21:01	CG
Benzene	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 21:01	CG
Bromodichloromethane	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 21:01	CG
Bromoform	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 21:01	CG
Bromomethane	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 21:01	CG
Carbon disulfide	BRL	6.3		ug/Kg-dry	224347	1	05/23/2016 21:01	CG
Carbon tetrachloride	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 21:01	CG
Chlorobenzene	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 21:01	CG
Chloroethane	BRL	6.3		ug/Kg-dry	224347	1	05/23/2016 21:01	CG
Chloroform	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 21:01	CG
Chloromethane	BRL	6.3		ug/Kg-dry	224347	1	05/23/2016 21:01	CG
cis-1,2-Dichloroethene	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 21:01	CG
cis-1,3-Dichloropropene	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 21:01	CG
Cyclohexane	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 21:01	CG
Dibromochloromethane	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 21:01	CG
Dichlorodifluoromethane	BRL	6.3		ug/Kg-dry	224347	1	05/23/2016 21:01	CG
Ethylbenzene	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 21:01	CG
Freon-113	BRL	6.3		ug/Kg-dry	224347	1	05/23/2016 21:01	CG
Isopropylbenzene	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 21:01	CG
m,p-Xylene	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 21:01	CG
Methyl acetate	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 21:01	CG
Methyl tert-butyl ether	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 21:01	CG
Methylcyclohexane	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 21:01	CG
Methylene chloride	BRL	13		ug/Kg-dry	224347	1	05/23/2016 21:01	CG
o-Xylene	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 21:01	CG

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: 31-May-16

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1605G06-017

Client Sample ID: 16139-SB-9-2
Collection Date: 5/18/2016 3:35:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 21:01	CG
Tetrachloroethene	1100	180		ug/Kg-dry	224356	50	05/25/2016 02:50	AR
Toluene	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 21:01	CG
trans-1,2-Dichloroethene	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 21:01	CG
trans-1,3-Dichloropropene	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 21:01	CG
Trichloroethene	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 21:01	CG
Trichlorofluoromethane	BRL	3.2		ug/Kg-dry	224347	1	05/23/2016 21:01	CG
Vinyl chloride	BRL	6.3		ug/Kg-dry	224347	1	05/23/2016 21:01	CG
Surr: 4-Bromofluorobenzene	90.5	70-128		%REC	224356	50	05/25/2016 02:50	AR
Surr: 4-Bromofluorobenzene	72.1	70-128		%REC	224347	1	05/23/2016 21:01	CG
Surr: Dibromofluoromethane	98.3	78.2-128		%REC	224356	50	05/25/2016 02:50	AR
Surr: Dibromofluoromethane	88.5	78.2-128		%REC	224347	1	05/23/2016 21:01	CG
Surr: Toluene-d8	93.6	76.5-116		%REC	224356	50	05/25/2016 02:50	AR
Surr: Toluene-d8	94.5	76.5-116		%REC	224347	1	05/23/2016 21:01	CG
PERCENT MOISTURE D2216								
Percent Moisture	15.5	0		wt%	R317473	1	05/24/2016 10:00	JC

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: 31-May-16

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1605G06-018

Client Sample ID: 16139-SB-9-13.5
Collection Date: 5/18/2016 4:00:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	3.5		ug/Kg-dry	224347	1	05/23/2016 21:25	CG
1,1,2,2-Tetrachloroethane	BRL	3.5		ug/Kg-dry	224347	1	05/23/2016 21:25	CG
1,1,2-Trichloroethane	BRL	3.5		ug/Kg-dry	224347	1	05/23/2016 21:25	CG
1,1-Dichloroethane	BRL	3.5		ug/Kg-dry	224347	1	05/23/2016 21:25	CG
1,1-Dichloroethene	BRL	3.5		ug/Kg-dry	224347	1	05/23/2016 21:25	CG
1,2,4-Trichlorobenzene	BRL	3.5		ug/Kg-dry	224347	1	05/23/2016 21:25	CG
1,2-Dibromo-3-chloropropane	BRL	3.5		ug/Kg-dry	224347	1	05/23/2016 21:25	CG
1,2-Dibromoethane	BRL	3.5		ug/Kg-dry	224347	1	05/23/2016 21:25	CG
1,2-Dichlorobenzene	BRL	3.5		ug/Kg-dry	224347	1	05/23/2016 21:25	CG
1,2-Dichloroethane	BRL	3.5		ug/Kg-dry	224347	1	05/23/2016 21:25	CG
1,2-Dichloropropane	BRL	3.5		ug/Kg-dry	224347	1	05/23/2016 21:25	CG
1,3-Dichlorobenzene	BRL	3.5		ug/Kg-dry	224347	1	05/23/2016 21:25	CG
1,4-Dichlorobenzene	BRL	3.5		ug/Kg-dry	224347	1	05/23/2016 21:25	CG
2-Butanone	BRL	35		ug/Kg-dry	224347	1	05/23/2016 21:25	CG
2-Hexanone	BRL	7.0		ug/Kg-dry	224347	1	05/23/2016 21:25	CG
4-Methyl-2-pentanone	BRL	7.0		ug/Kg-dry	224347	1	05/23/2016 21:25	CG
Acetone	BRL	70		ug/Kg-dry	224347	1	05/23/2016 21:25	CG
Benzene	BRL	3.5		ug/Kg-dry	224347	1	05/23/2016 21:25	CG
Bromodichloromethane	BRL	3.5		ug/Kg-dry	224347	1	05/23/2016 21:25	CG
Bromoform	BRL	3.5		ug/Kg-dry	224347	1	05/23/2016 21:25	CG
Bromomethane	BRL	3.5		ug/Kg-dry	224347	1	05/23/2016 21:25	CG
Carbon disulfide	BRL	7.0		ug/Kg-dry	224347	1	05/23/2016 21:25	CG
Carbon tetrachloride	BRL	3.5		ug/Kg-dry	224347	1	05/23/2016 21:25	CG
Chlorobenzene	BRL	3.5		ug/Kg-dry	224347	1	05/23/2016 21:25	CG
Chloroethane	BRL	7.0		ug/Kg-dry	224347	1	05/23/2016 21:25	CG
Chloroform	BRL	3.5		ug/Kg-dry	224347	1	05/23/2016 21:25	CG
Chloromethane	BRL	7.0		ug/Kg-dry	224347	1	05/23/2016 21:25	CG
cis-1,2-Dichloroethene	BRL	3.5		ug/Kg-dry	224347	1	05/23/2016 21:25	CG
cis-1,3-Dichloropropene	BRL	3.5		ug/Kg-dry	224347	1	05/23/2016 21:25	CG
Cyclohexane	BRL	3.5		ug/Kg-dry	224347	1	05/23/2016 21:25	CG
Dibromochloromethane	BRL	3.5		ug/Kg-dry	224347	1	05/23/2016 21:25	CG
Dichlorodifluoromethane	BRL	7.0		ug/Kg-dry	224347	1	05/23/2016 21:25	CG
Ethylbenzene	BRL	3.5		ug/Kg-dry	224347	1	05/23/2016 21:25	CG
Freon-113	BRL	7.0		ug/Kg-dry	224347	1	05/23/2016 21:25	CG
Isopropylbenzene	BRL	3.5		ug/Kg-dry	224347	1	05/23/2016 21:25	CG
m,p-Xylene	BRL	3.5		ug/Kg-dry	224347	1	05/23/2016 21:25	CG
Methyl acetate	BRL	3.5		ug/Kg-dry	224347	1	05/23/2016 21:25	CG
Methyl tert-butyl ether	BRL	3.5		ug/Kg-dry	224347	1	05/23/2016 21:25	CG
Methylcyclohexane	BRL	3.5		ug/Kg-dry	224347	1	05/23/2016 21:25	CG
Methylene chloride	BRL	14		ug/Kg-dry	224347	1	05/23/2016 21:25	CG
o-Xylene	BRL	3.5		ug/Kg-dry	224347	1	05/23/2016 21:25	CG

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: 31-May-16

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1605G06-018

Client Sample ID: 16139-SB-9-13.5
Collection Date: 5/18/2016 4:00:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	3.5		ug/Kg-dry	224347	1	05/23/2016 21:25	CG
Tetrachloroethene	1300	160		ug/Kg-dry	224356	50	05/25/2016 03:16	AR
Toluene	BRL	3.5		ug/Kg-dry	224347	1	05/23/2016 21:25	CG
trans-1,2-Dichloroethene	BRL	3.5		ug/Kg-dry	224347	1	05/23/2016 21:25	CG
trans-1,3-Dichloropropene	BRL	3.5		ug/Kg-dry	224347	1	05/23/2016 21:25	CG
Trichloroethene	BRL	3.5		ug/Kg-dry	224347	1	05/23/2016 21:25	CG
Trichlorofluoromethane	BRL	3.5		ug/Kg-dry	224347	1	05/23/2016 21:25	CG
Vinyl chloride	BRL	7.0		ug/Kg-dry	224347	1	05/23/2016 21:25	CG
Surr: 4-Bromofluorobenzene	86.9	70-128		%REC	224356	50	05/25/2016 03:16	AR
Surr: 4-Bromofluorobenzene	91.8	70-128		%REC	224347	1	05/23/2016 21:25	CG
Surr: Dibromofluoromethane	91.5	78.2-128		%REC	224356	50	05/25/2016 03:16	AR
Surr: Dibromofluoromethane	91.3	78.2-128		%REC	224347	1	05/23/2016 21:25	CG
Surr: Toluene-d8	95.2	76.5-116		%REC	224356	50	05/25/2016 03:16	AR
Surr: Toluene-d8	91.5	76.5-116		%REC	224347	1	05/23/2016 21:25	CG
PERCENT MOISTURE D2216								
Percent Moisture	22.6	0		wt%	R317473	1	05/24/2016 10:00	JC

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: 31-May-16

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1605G06-019

Client Sample ID: 16139-SB-10-2
Collection Date: 5/18/2016 4:10:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	3.6		ug/Kg-dry	224347	1	05/24/2016 14:23	CG
1,1,2,2-Tetrachloroethane	BRL	3.6		ug/Kg-dry	224347	1	05/24/2016 14:23	CG
1,1,2-Trichloroethane	BRL	3.6		ug/Kg-dry	224347	1	05/24/2016 14:23	CG
1,1-Dichloroethane	BRL	3.6		ug/Kg-dry	224347	1	05/24/2016 14:23	CG
1,1-Dichloroethene	BRL	3.6		ug/Kg-dry	224347	1	05/24/2016 14:23	CG
1,2,4-Trichlorobenzene	BRL	3.6		ug/Kg-dry	224347	1	05/24/2016 14:23	CG
1,2-Dibromo-3-chloropropane	BRL	3.6		ug/Kg-dry	224347	1	05/24/2016 14:23	CG
1,2-Dibromoethane	BRL	3.6		ug/Kg-dry	224347	1	05/24/2016 14:23	CG
1,2-Dichlorobenzene	BRL	3.6		ug/Kg-dry	224347	1	05/24/2016 14:23	CG
1,2-Dichloroethane	BRL	3.6		ug/Kg-dry	224347	1	05/24/2016 14:23	CG
1,2-Dichloropropane	BRL	3.6		ug/Kg-dry	224347	1	05/24/2016 14:23	CG
1,3-Dichlorobenzene	BRL	3.6		ug/Kg-dry	224347	1	05/24/2016 14:23	CG
1,4-Dichlorobenzene	BRL	3.6		ug/Kg-dry	224347	1	05/24/2016 14:23	CG
2-Butanone	BRL	36		ug/Kg-dry	224347	1	05/24/2016 14:23	CG
2-Hexanone	BRL	7.2		ug/Kg-dry	224347	1	05/24/2016 14:23	CG
4-Methyl-2-pentanone	BRL	7.2		ug/Kg-dry	224347	1	05/24/2016 14:23	CG
Acetone	BRL	72		ug/Kg-dry	224347	1	05/24/2016 14:23	CG
Benzene	BRL	3.6		ug/Kg-dry	224347	1	05/24/2016 14:23	CG
Bromodichloromethane	BRL	3.6		ug/Kg-dry	224347	1	05/24/2016 14:23	CG
Bromoform	BRL	3.6		ug/Kg-dry	224347	1	05/24/2016 14:23	CG
Bromomethane	BRL	3.6		ug/Kg-dry	224347	1	05/24/2016 14:23	CG
Carbon disulfide	BRL	7.2		ug/Kg-dry	224347	1	05/24/2016 14:23	CG
Carbon tetrachloride	BRL	3.6		ug/Kg-dry	224347	1	05/24/2016 14:23	CG
Chlorobenzene	BRL	3.6		ug/Kg-dry	224347	1	05/24/2016 14:23	CG
Chloroethane	BRL	7.2		ug/Kg-dry	224347	1	05/24/2016 14:23	CG
Chloroform	BRL	3.6		ug/Kg-dry	224347	1	05/24/2016 14:23	CG
Chloromethane	BRL	7.2		ug/Kg-dry	224347	1	05/24/2016 14:23	CG
cis-1,2-Dichloroethene	BRL	3.6		ug/Kg-dry	224347	1	05/24/2016 14:23	CG
cis-1,3-Dichloropropene	BRL	3.6		ug/Kg-dry	224347	1	05/24/2016 14:23	CG
Cyclohexane	BRL	3.6		ug/Kg-dry	224347	1	05/24/2016 14:23	CG
Dibromochloromethane	BRL	3.6		ug/Kg-dry	224347	1	05/24/2016 14:23	CG
Dichlorodifluoromethane	BRL	7.2		ug/Kg-dry	224347	1	05/24/2016 14:23	CG
Ethylbenzene	BRL	3.6		ug/Kg-dry	224347	1	05/24/2016 14:23	CG
Freon-113	BRL	7.2		ug/Kg-dry	224347	1	05/24/2016 14:23	CG
Isopropylbenzene	BRL	3.6		ug/Kg-dry	224347	1	05/24/2016 14:23	CG
m,p-Xylene	BRL	3.6		ug/Kg-dry	224347	1	05/24/2016 14:23	CG
Methyl acetate	BRL	3.6		ug/Kg-dry	224347	1	05/24/2016 14:23	CG
Methyl tert-butyl ether	BRL	3.6		ug/Kg-dry	224347	1	05/24/2016 14:23	CG
Methylcyclohexane	BRL	3.6		ug/Kg-dry	224347	1	05/24/2016 14:23	CG
Methylene chloride	BRL	14		ug/Kg-dry	224347	1	05/24/2016 14:23	CG
o-Xylene	BRL	3.6		ug/Kg-dry	224347	1	05/24/2016 14:23	CG

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: 31-May-16

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1605G06-019

Client Sample ID: 16139-SB-10-2
Collection Date: 5/18/2016 4:10:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	3.6		ug/Kg-dry	224347	1	05/24/2016 14:23	CG
Tetrachloroethene	4.4	3.6		ug/Kg-dry	224347	1	05/24/2016 14:23	CG
Toluene	BRL	3.6		ug/Kg-dry	224347	1	05/24/2016 14:23	CG
trans-1,2-Dichloroethene	BRL	3.6		ug/Kg-dry	224347	1	05/24/2016 14:23	CG
trans-1,3-Dichloropropene	BRL	3.6		ug/Kg-dry	224347	1	05/24/2016 14:23	CG
Trichloroethene	BRL	3.6		ug/Kg-dry	224347	1	05/24/2016 14:23	CG
Trichlorofluoromethane	BRL	3.6		ug/Kg-dry	224347	1	05/24/2016 14:23	CG
Vinyl chloride	BRL	7.2		ug/Kg-dry	224347	1	05/24/2016 14:23	CG
Surr: 4-Bromofluorobenzene	79	70-128		%REC	224347	1	05/24/2016 14:23	CG
Surr: Dibromofluoromethane	86.8	78.2-128		%REC	224347	1	05/24/2016 14:23	CG
Surr: Toluene-d8	98.3	76.5-116		%REC	224347	1	05/24/2016 14:23	CG
PERCENT MOISTURE D2216								
Percent Moisture	19.8	0		wt%	R317473	1	05/24/2016 10:00	JC

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: 31-May-16

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1605G06-020

Client Sample ID: 16139-SB-10-13.5
Collection Date: 5/18/2016 4:25:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 22:12	CG
1,1,2,2-Tetrachloroethane	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 22:12	CG
1,1,2-Trichloroethane	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 22:12	CG
1,1-Dichloroethane	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 22:12	CG
1,1-Dichloroethene	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 22:12	CG
1,2,4-Trichlorobenzene	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 22:12	CG
1,2-Dibromo-3-chloropropane	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 22:12	CG
1,2-Dibromoethane	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 22:12	CG
1,2-Dichlorobenzene	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 22:12	CG
1,2-Dichloroethane	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 22:12	CG
1,2-Dichloropropane	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 22:12	CG
1,3-Dichlorobenzene	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 22:12	CG
1,4-Dichlorobenzene	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 22:12	CG
2-Butanone	BRL	33		ug/Kg-dry	224347	1	05/23/2016 22:12	CG
2-Hexanone	BRL	6.6		ug/Kg-dry	224347	1	05/23/2016 22:12	CG
4-Methyl-2-pentanone	BRL	6.6		ug/Kg-dry	224347	1	05/23/2016 22:12	CG
Acetone	BRL	66		ug/Kg-dry	224347	1	05/23/2016 22:12	CG
Benzene	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 22:12	CG
Bromodichloromethane	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 22:12	CG
Bromoform	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 22:12	CG
Bromomethane	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 22:12	CG
Carbon disulfide	BRL	6.6		ug/Kg-dry	224347	1	05/23/2016 22:12	CG
Carbon tetrachloride	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 22:12	CG
Chlorobenzene	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 22:12	CG
Chloroethane	BRL	6.6		ug/Kg-dry	224347	1	05/23/2016 22:12	CG
Chloroform	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 22:12	CG
Chloromethane	BRL	6.6		ug/Kg-dry	224347	1	05/23/2016 22:12	CG
cis-1,2-Dichloroethene	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 22:12	CG
cis-1,3-Dichloropropene	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 22:12	CG
Cyclohexane	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 22:12	CG
Dibromochloromethane	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 22:12	CG
Dichlorodifluoromethane	BRL	6.6		ug/Kg-dry	224347	1	05/23/2016 22:12	CG
Ethylbenzene	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 22:12	CG
Freon-113	BRL	6.6		ug/Kg-dry	224347	1	05/23/2016 22:12	CG
Isopropylbenzene	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 22:12	CG
m,p-Xylene	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 22:12	CG
Methyl acetate	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 22:12	CG
Methyl tert-butyl ether	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 22:12	CG
Methylcyclohexane	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 22:12	CG
Methylene chloride	BRL	13		ug/Kg-dry	224347	1	05/23/2016 22:12	CG
o-Xylene	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 22:12	CG

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: 31-May-16

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1605G06-020

Client Sample ID: 16139-SB-10-13.5
Collection Date: 5/18/2016 4:25:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 22:12	CG
Tetrachloroethene	670	150		ug/Kg-dry	224356	50	05/25/2016 08:10	AR
Toluene	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 22:12	CG
trans-1,2-Dichloroethene	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 22:12	CG
trans-1,3-Dichloropropene	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 22:12	CG
Trichloroethene	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 22:12	CG
Trichlorofluoromethane	BRL	3.3		ug/Kg-dry	224347	1	05/23/2016 22:12	CG
Vinyl chloride	BRL	6.6		ug/Kg-dry	224347	1	05/23/2016 22:12	CG
Surr: 4-Bromofluorobenzene	92.1	70-128		%REC	224356	50	05/25/2016 08:10	AR
Surr: 4-Bromofluorobenzene	83.5	70-128		%REC	224347	1	05/23/2016 22:12	CG
Surr: Dibromofluoromethane	95.4	78.2-128		%REC	224356	50	05/25/2016 08:10	AR
Surr: Dibromofluoromethane	85.9	78.2-128		%REC	224347	1	05/23/2016 22:12	CG
Surr: Toluene-d8	91.7	76.5-116		%REC	224356	50	05/25/2016 08:10	AR
Surr: Toluene-d8	94.8	76.5-116		%REC	224347	1	05/23/2016 22:12	CG
PERCENT MOISTURE D2216								
Percent Moisture	23.8	0		wt%	R317473	1	05/24/2016 10:00	JC

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: 31-May-16

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1605G06-021

Client Sample ID: 16140-SB-12-2
Collection Date: 5/19/2016 8:17:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	2.9		ug/Kg-dry	224367	1	05/23/2016 22:36	CG
1,1,2,2-Tetrachloroethane	BRL	2.9		ug/Kg-dry	224367	1	05/23/2016 22:36	CG
1,1,2-Trichloroethane	BRL	2.9		ug/Kg-dry	224367	1	05/23/2016 22:36	CG
1,1-Dichloroethane	BRL	2.9		ug/Kg-dry	224367	1	05/23/2016 22:36	CG
1,1-Dichloroethene	BRL	2.9		ug/Kg-dry	224367	1	05/23/2016 22:36	CG
1,2,4-Trichlorobenzene	BRL	2.9		ug/Kg-dry	224367	1	05/23/2016 22:36	CG
1,2-Dibromo-3-chloropropane	BRL	2.9		ug/Kg-dry	224367	1	05/23/2016 22:36	CG
1,2-Dibromoethane	BRL	2.9		ug/Kg-dry	224367	1	05/23/2016 22:36	CG
1,2-Dichlorobenzene	BRL	2.9		ug/Kg-dry	224367	1	05/23/2016 22:36	CG
1,2-Dichloroethane	BRL	2.9		ug/Kg-dry	224367	1	05/23/2016 22:36	CG
1,2-Dichloropropane	BRL	2.9		ug/Kg-dry	224367	1	05/23/2016 22:36	CG
1,3-Dichlorobenzene	BRL	2.9		ug/Kg-dry	224367	1	05/23/2016 22:36	CG
1,4-Dichlorobenzene	BRL	2.9		ug/Kg-dry	224367	1	05/23/2016 22:36	CG
2-Butanone	BRL	29		ug/Kg-dry	224367	1	05/23/2016 22:36	CG
2-Hexanone	BRL	5.8		ug/Kg-dry	224367	1	05/23/2016 22:36	CG
4-Methyl-2-pentanone	BRL	5.8		ug/Kg-dry	224367	1	05/23/2016 22:36	CG
Acetone	BRL	58		ug/Kg-dry	224367	1	05/23/2016 22:36	CG
Benzene	BRL	2.9		ug/Kg-dry	224367	1	05/23/2016 22:36	CG
Bromodichloromethane	BRL	2.9		ug/Kg-dry	224367	1	05/23/2016 22:36	CG
Bromoform	BRL	2.9		ug/Kg-dry	224367	1	05/23/2016 22:36	CG
Bromomethane	BRL	2.9		ug/Kg-dry	224367	1	05/23/2016 22:36	CG
Carbon disulfide	BRL	5.8		ug/Kg-dry	224367	1	05/23/2016 22:36	CG
Carbon tetrachloride	BRL	2.9		ug/Kg-dry	224367	1	05/23/2016 22:36	CG
Chlorobenzene	BRL	2.9		ug/Kg-dry	224367	1	05/23/2016 22:36	CG
Chloroethane	BRL	5.8		ug/Kg-dry	224367	1	05/23/2016 22:36	CG
Chloroform	BRL	2.9		ug/Kg-dry	224367	1	05/23/2016 22:36	CG
Chloromethane	BRL	5.8		ug/Kg-dry	224367	1	05/23/2016 22:36	CG
cis-1,2-Dichloroethene	BRL	2.9		ug/Kg-dry	224367	1	05/23/2016 22:36	CG
cis-1,3-Dichloropropene	BRL	2.9		ug/Kg-dry	224367	1	05/23/2016 22:36	CG
Cyclohexane	BRL	2.9		ug/Kg-dry	224367	1	05/23/2016 22:36	CG
Dibromochloromethane	BRL	2.9		ug/Kg-dry	224367	1	05/23/2016 22:36	CG
Dichlorodifluoromethane	BRL	5.8		ug/Kg-dry	224367	1	05/23/2016 22:36	CG
Ethylbenzene	BRL	2.9		ug/Kg-dry	224367	1	05/23/2016 22:36	CG
Freon-113	BRL	5.8		ug/Kg-dry	224367	1	05/23/2016 22:36	CG
Isopropylbenzene	BRL	2.9		ug/Kg-dry	224367	1	05/23/2016 22:36	CG
m,p-Xylene	BRL	2.9		ug/Kg-dry	224367	1	05/23/2016 22:36	CG
Methyl acetate	BRL	2.9		ug/Kg-dry	224367	1	05/23/2016 22:36	CG
Methyl tert-butyl ether	BRL	2.9		ug/Kg-dry	224367	1	05/23/2016 22:36	CG
Methylcyclohexane	BRL	2.9		ug/Kg-dry	224367	1	05/23/2016 22:36	CG
Methylene chloride	BRL	12		ug/Kg-dry	224367	1	05/23/2016 22:36	CG
o-Xylene	BRL	2.9		ug/Kg-dry	224367	1	05/23/2016 22:36	CG

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: 31-May-16

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1605G06-021

Client Sample ID: 16140-SB-12-2
Collection Date: 5/19/2016 8:17:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	2.9		ug/Kg-dry	224367	1	05/23/2016 22:36	CG
Tetrachloroethene	51	2.9		ug/Kg-dry	224367	1	05/23/2016 22:36	CG
Toluene	BRL	2.9		ug/Kg-dry	224367	1	05/23/2016 22:36	CG
trans-1,2-Dichloroethene	BRL	2.9		ug/Kg-dry	224367	1	05/23/2016 22:36	CG
trans-1,3-Dichloropropene	BRL	2.9		ug/Kg-dry	224367	1	05/23/2016 22:36	CG
Trichloroethene	BRL	2.9		ug/Kg-dry	224367	1	05/23/2016 22:36	CG
Trichlorofluoromethane	BRL	2.9		ug/Kg-dry	224367	1	05/23/2016 22:36	CG
Vinyl chloride	BRL	5.8		ug/Kg-dry	224367	1	05/23/2016 22:36	CG
Surr: 4-Bromofluorobenzene	90.5	70-128		%REC	224367	1	05/23/2016 22:36	CG
Surr: Dibromofluoromethane	92.1	78.2-128		%REC	224367	1	05/23/2016 22:36	CG
Surr: Toluene-d8	91.7	76.5-116		%REC	224367	1	05/23/2016 22:36	CG
PERCENT MOISTURE D2216								
Percent Moisture	17.8	0		wt%	R317473	1	05/24/2016 10:00	JC

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: 31-May-16

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1605G06-022

Client Sample ID: 16140-SB-12-13.5
Collection Date: 5/19/2016 8:35:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	3.1		ug/Kg-dry	224367	1	05/23/2016 23:00	CG
1,1,2,2-Tetrachloroethane	BRL	3.1		ug/Kg-dry	224367	1	05/23/2016 23:00	CG
1,1,2-Trichloroethane	BRL	3.1		ug/Kg-dry	224367	1	05/23/2016 23:00	CG
1,1-Dichloroethane	BRL	3.1		ug/Kg-dry	224367	1	05/23/2016 23:00	CG
1,1-Dichloroethene	BRL	3.1		ug/Kg-dry	224367	1	05/23/2016 23:00	CG
1,2,4-Trichlorobenzene	BRL	3.1		ug/Kg-dry	224367	1	05/23/2016 23:00	CG
1,2-Dibromo-3-chloropropane	BRL	3.1		ug/Kg-dry	224367	1	05/23/2016 23:00	CG
1,2-Dibromoethane	BRL	3.1		ug/Kg-dry	224367	1	05/23/2016 23:00	CG
1,2-Dichlorobenzene	BRL	3.1		ug/Kg-dry	224367	1	05/23/2016 23:00	CG
1,2-Dichloroethane	BRL	3.1		ug/Kg-dry	224367	1	05/23/2016 23:00	CG
1,2-Dichloropropane	BRL	3.1		ug/Kg-dry	224367	1	05/23/2016 23:00	CG
1,3-Dichlorobenzene	BRL	3.1		ug/Kg-dry	224367	1	05/23/2016 23:00	CG
1,4-Dichlorobenzene	BRL	3.1		ug/Kg-dry	224367	1	05/23/2016 23:00	CG
2-Butanone	BRL	31		ug/Kg-dry	224367	1	05/23/2016 23:00	CG
2-Hexanone	BRL	6.1		ug/Kg-dry	224367	1	05/23/2016 23:00	CG
4-Methyl-2-pentanone	BRL	6.1		ug/Kg-dry	224367	1	05/23/2016 23:00	CG
Acetone	BRL	61		ug/Kg-dry	224367	1	05/23/2016 23:00	CG
Benzene	BRL	3.1		ug/Kg-dry	224367	1	05/23/2016 23:00	CG
Bromodichloromethane	BRL	3.1		ug/Kg-dry	224367	1	05/23/2016 23:00	CG
Bromoform	BRL	3.1		ug/Kg-dry	224367	1	05/23/2016 23:00	CG
Bromomethane	BRL	3.1		ug/Kg-dry	224367	1	05/23/2016 23:00	CG
Carbon disulfide	BRL	6.1		ug/Kg-dry	224367	1	05/23/2016 23:00	CG
Carbon tetrachloride	BRL	3.1		ug/Kg-dry	224367	1	05/23/2016 23:00	CG
Chlorobenzene	BRL	3.1		ug/Kg-dry	224367	1	05/23/2016 23:00	CG
Chloroethane	BRL	6.1		ug/Kg-dry	224367	1	05/23/2016 23:00	CG
Chloroform	BRL	3.1		ug/Kg-dry	224367	1	05/23/2016 23:00	CG
Chloromethane	BRL	6.1		ug/Kg-dry	224367	1	05/23/2016 23:00	CG
cis-1,2-Dichloroethene	BRL	3.1		ug/Kg-dry	224367	1	05/23/2016 23:00	CG
cis-1,3-Dichloropropene	BRL	3.1		ug/Kg-dry	224367	1	05/23/2016 23:00	CG
Cyclohexane	BRL	3.1		ug/Kg-dry	224367	1	05/23/2016 23:00	CG
Dibromochloromethane	BRL	3.1		ug/Kg-dry	224367	1	05/23/2016 23:00	CG
Dichlorodifluoromethane	BRL	6.1		ug/Kg-dry	224367	1	05/23/2016 23:00	CG
Ethylbenzene	BRL	3.1		ug/Kg-dry	224367	1	05/23/2016 23:00	CG
Freon-113	BRL	6.1		ug/Kg-dry	224367	1	05/23/2016 23:00	CG
Isopropylbenzene	BRL	3.1		ug/Kg-dry	224367	1	05/23/2016 23:00	CG
m,p-Xylene	BRL	3.1		ug/Kg-dry	224367	1	05/23/2016 23:00	CG
Methyl acetate	BRL	3.1		ug/Kg-dry	224367	1	05/23/2016 23:00	CG
Methyl tert-butyl ether	BRL	3.1		ug/Kg-dry	224367	1	05/23/2016 23:00	CG
Methylcyclohexane	BRL	3.1		ug/Kg-dry	224367	1	05/23/2016 23:00	CG
Methylene chloride	BRL	12		ug/Kg-dry	224367	1	05/23/2016 23:00	CG
o-Xylene	BRL	3.1		ug/Kg-dry	224367	1	05/23/2016 23:00	CG

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: 31-May-16

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1605G06-022

Client Sample ID: 16140-SB-12-13.5
Collection Date: 5/19/2016 8:35:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	3.1		ug/Kg-dry	224367	1	05/23/2016 23:00	CG
Tetrachloroethene	640	150		ug/Kg-dry	224356	50	05/25/2016 08:36	AR
Toluene	BRL	3.1		ug/Kg-dry	224367	1	05/23/2016 23:00	CG
trans-1,2-Dichloroethene	BRL	3.1		ug/Kg-dry	224367	1	05/23/2016 23:00	CG
trans-1,3-Dichloropropene	BRL	3.1		ug/Kg-dry	224367	1	05/23/2016 23:00	CG
Trichloroethene	BRL	3.1		ug/Kg-dry	224367	1	05/23/2016 23:00	CG
Trichlorofluoromethane	BRL	3.1		ug/Kg-dry	224367	1	05/23/2016 23:00	CG
Vinyl chloride	BRL	6.1		ug/Kg-dry	224367	1	05/23/2016 23:00	CG
Surr: 4-Bromofluorobenzene	89.2	70-128		%REC	224356	50	05/25/2016 08:36	AR
Surr: 4-Bromofluorobenzene	91	70-128		%REC	224367	1	05/23/2016 23:00	CG
Surr: Dibromofluoromethane	93.6	78.2-128		%REC	224356	50	05/25/2016 08:36	AR
Surr: Dibromofluoromethane	93.6	78.2-128		%REC	224367	1	05/23/2016 23:00	CG
Surr: Toluene-d8	94.3	76.5-116		%REC	224356	50	05/25/2016 08:36	AR
Surr: Toluene-d8	93.9	76.5-116		%REC	224367	1	05/23/2016 23:00	CG
PERCENT MOISTURE D2216								
Percent Moisture	21.1	0		wt%	R317473	1	05/24/2016 10:00	JC

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: 31-May-16

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1605G06-023

Client Sample ID: 16140-SB-11-2
Collection Date: 5/19/2016 8:57:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	3.4		ug/Kg-dry	224367	1	05/23/2016 23:24	CG
1,1,2,2-Tetrachloroethane	BRL	3.4		ug/Kg-dry	224367	1	05/23/2016 23:24	CG
1,1,2-Trichloroethane	BRL	3.4		ug/Kg-dry	224367	1	05/23/2016 23:24	CG
1,1-Dichloroethane	BRL	3.4		ug/Kg-dry	224367	1	05/23/2016 23:24	CG
1,1-Dichloroethene	BRL	3.4		ug/Kg-dry	224367	1	05/23/2016 23:24	CG
1,2,4-Trichlorobenzene	BRL	3.4		ug/Kg-dry	224367	1	05/23/2016 23:24	CG
1,2-Dibromo-3-chloropropane	BRL	3.4		ug/Kg-dry	224367	1	05/23/2016 23:24	CG
1,2-Dibromoethane	BRL	3.4		ug/Kg-dry	224367	1	05/23/2016 23:24	CG
1,2-Dichlorobenzene	BRL	3.4		ug/Kg-dry	224367	1	05/23/2016 23:24	CG
1,2-Dichloroethane	BRL	3.4		ug/Kg-dry	224367	1	05/23/2016 23:24	CG
1,2-Dichloropropane	BRL	3.4		ug/Kg-dry	224367	1	05/23/2016 23:24	CG
1,3-Dichlorobenzene	BRL	3.4		ug/Kg-dry	224367	1	05/23/2016 23:24	CG
1,4-Dichlorobenzene	BRL	3.4		ug/Kg-dry	224367	1	05/23/2016 23:24	CG
2-Butanone	BRL	34		ug/Kg-dry	224367	1	05/23/2016 23:24	CG
2-Hexanone	BRL	6.8		ug/Kg-dry	224367	1	05/23/2016 23:24	CG
4-Methyl-2-pentanone	BRL	6.8		ug/Kg-dry	224367	1	05/23/2016 23:24	CG
Acetone	70	68		ug/Kg-dry	224367	1	05/23/2016 23:24	CG
Benzene	BRL	3.4		ug/Kg-dry	224367	1	05/23/2016 23:24	CG
Bromodichloromethane	BRL	3.4		ug/Kg-dry	224367	1	05/23/2016 23:24	CG
Bromoform	BRL	3.4		ug/Kg-dry	224367	1	05/23/2016 23:24	CG
Bromomethane	BRL	3.4		ug/Kg-dry	224367	1	05/23/2016 23:24	CG
Carbon disulfide	BRL	6.8		ug/Kg-dry	224367	1	05/23/2016 23:24	CG
Carbon tetrachloride	BRL	3.4		ug/Kg-dry	224367	1	05/23/2016 23:24	CG
Chlorobenzene	BRL	3.4		ug/Kg-dry	224367	1	05/23/2016 23:24	CG
Chloroethane	BRL	6.8		ug/Kg-dry	224367	1	05/23/2016 23:24	CG
Chloroform	BRL	3.4		ug/Kg-dry	224367	1	05/23/2016 23:24	CG
Chloromethane	BRL	6.8		ug/Kg-dry	224367	1	05/23/2016 23:24	CG
cis-1,2-Dichloroethene	BRL	3.4		ug/Kg-dry	224367	1	05/23/2016 23:24	CG
cis-1,3-Dichloropropene	BRL	3.4		ug/Kg-dry	224367	1	05/23/2016 23:24	CG
Cyclohexane	BRL	3.4		ug/Kg-dry	224367	1	05/23/2016 23:24	CG
Dibromochloromethane	BRL	3.4		ug/Kg-dry	224367	1	05/23/2016 23:24	CG
Dichlorodifluoromethane	BRL	6.8		ug/Kg-dry	224367	1	05/23/2016 23:24	CG
Ethylbenzene	BRL	3.4		ug/Kg-dry	224367	1	05/23/2016 23:24	CG
Freon-113	BRL	6.8		ug/Kg-dry	224367	1	05/23/2016 23:24	CG
Isopropylbenzene	BRL	3.4		ug/Kg-dry	224367	1	05/23/2016 23:24	CG
m,p-Xylene	BRL	3.4		ug/Kg-dry	224367	1	05/23/2016 23:24	CG
Methyl acetate	BRL	3.4		ug/Kg-dry	224367	1	05/23/2016 23:24	CG
Methyl tert-butyl ether	BRL	3.4		ug/Kg-dry	224367	1	05/23/2016 23:24	CG
Methylcyclohexane	BRL	3.4		ug/Kg-dry	224367	1	05/23/2016 23:24	CG
Methylene chloride	BRL	14		ug/Kg-dry	224367	1	05/23/2016 23:24	CG
o-Xylene	BRL	3.4		ug/Kg-dry	224367	1	05/23/2016 23:24	CG

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: 31-May-16

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1605G06-023

Client Sample ID: 16140-SB-11-2
Collection Date: 5/19/2016 8:57:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	3.4		ug/Kg-dry	224367	1	05/23/2016 23:24	CG
Tetrachloroethene	10000	320		ug/Kg-dry	224356	100	05/25/2016 01:58	AR
Toluene	BRL	3.4		ug/Kg-dry	224367	1	05/23/2016 23:24	CG
trans-1,2-Dichloroethene	BRL	3.4		ug/Kg-dry	224367	1	05/23/2016 23:24	CG
trans-1,3-Dichloropropene	BRL	3.4		ug/Kg-dry	224367	1	05/23/2016 23:24	CG
Trichloroethene	BRL	3.4		ug/Kg-dry	224367	1	05/23/2016 23:24	CG
Trichlorofluoromethane	BRL	3.4		ug/Kg-dry	224367	1	05/23/2016 23:24	CG
Vinyl chloride	BRL	6.8		ug/Kg-dry	224367	1	05/23/2016 23:24	CG
Surr: 4-Bromofluorobenzene	79.4	70-128		%REC	224367	1	05/23/2016 23:24	CG
Surr: 4-Bromofluorobenzene	89	70-128		%REC	224356	100	05/25/2016 01:58	AR
Surr: Dibromofluoromethane	85.7	78.2-128		%REC	224367	1	05/23/2016 23:24	CG
Surr: Dibromofluoromethane	99.2	78.2-128		%REC	224356	100	05/25/2016 01:58	AR
Surr: Toluene-d8	93.7	76.5-116		%REC	224356	100	05/25/2016 01:58	AR
Surr: Toluene-d8	95.8	76.5-116		%REC	224367	1	05/23/2016 23:24	CG
PERCENT MOISTURE D2216								
Percent Moisture	13.3	0		wt%	R317473	1	05/24/2016 10:00	JC

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: 31-May-16

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1605G06-024

Client Sample ID: 16140-SB-11-12
Collection Date: 5/19/2016 9:07:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	3.3		ug/Kg-dry	224367	1	05/23/2016 23:47	CG
1,1,2,2-Tetrachloroethane	BRL	3.3		ug/Kg-dry	224367	1	05/23/2016 23:47	CG
1,1,2-Trichloroethane	BRL	3.3		ug/Kg-dry	224367	1	05/23/2016 23:47	CG
1,1-Dichloroethane	BRL	3.3		ug/Kg-dry	224367	1	05/23/2016 23:47	CG
1,1-Dichloroethene	BRL	3.3		ug/Kg-dry	224367	1	05/23/2016 23:47	CG
1,2,4-Trichlorobenzene	BRL	3.3		ug/Kg-dry	224367	1	05/23/2016 23:47	CG
1,2-Dibromo-3-chloropropane	BRL	3.3		ug/Kg-dry	224367	1	05/23/2016 23:47	CG
1,2-Dibromoethane	BRL	3.3		ug/Kg-dry	224367	1	05/23/2016 23:47	CG
1,2-Dichlorobenzene	BRL	3.3		ug/Kg-dry	224367	1	05/23/2016 23:47	CG
1,2-Dichloroethane	BRL	3.3		ug/Kg-dry	224367	1	05/23/2016 23:47	CG
1,2-Dichloropropane	BRL	3.3		ug/Kg-dry	224367	1	05/23/2016 23:47	CG
1,3-Dichlorobenzene	BRL	3.3		ug/Kg-dry	224367	1	05/23/2016 23:47	CG
1,4-Dichlorobenzene	BRL	3.3		ug/Kg-dry	224367	1	05/23/2016 23:47	CG
2-Butanone	BRL	33		ug/Kg-dry	224367	1	05/23/2016 23:47	CG
2-Hexanone	BRL	6.7		ug/Kg-dry	224367	1	05/23/2016 23:47	CG
4-Methyl-2-pentanone	BRL	6.7		ug/Kg-dry	224367	1	05/23/2016 23:47	CG
Acetone	BRL	67		ug/Kg-dry	224367	1	05/23/2016 23:47	CG
Benzene	BRL	3.3		ug/Kg-dry	224367	1	05/23/2016 23:47	CG
Bromodichloromethane	BRL	3.3		ug/Kg-dry	224367	1	05/23/2016 23:47	CG
Bromoform	BRL	3.3		ug/Kg-dry	224367	1	05/23/2016 23:47	CG
Bromomethane	BRL	3.3		ug/Kg-dry	224367	1	05/23/2016 23:47	CG
Carbon disulfide	BRL	6.7		ug/Kg-dry	224367	1	05/23/2016 23:47	CG
Carbon tetrachloride	BRL	3.3		ug/Kg-dry	224367	1	05/23/2016 23:47	CG
Chlorobenzene	BRL	3.3		ug/Kg-dry	224367	1	05/23/2016 23:47	CG
Chloroethane	BRL	6.7		ug/Kg-dry	224367	1	05/23/2016 23:47	CG
Chloroform	BRL	3.3		ug/Kg-dry	224367	1	05/23/2016 23:47	CG
Chloromethane	BRL	6.7		ug/Kg-dry	224367	1	05/23/2016 23:47	CG
cis-1,2-Dichloroethene	BRL	3.3		ug/Kg-dry	224367	1	05/23/2016 23:47	CG
cis-1,3-Dichloropropene	BRL	3.3		ug/Kg-dry	224367	1	05/23/2016 23:47	CG
Cyclohexane	BRL	3.3		ug/Kg-dry	224367	1	05/23/2016 23:47	CG
Dibromochloromethane	BRL	3.3		ug/Kg-dry	224367	1	05/23/2016 23:47	CG
Dichlorodifluoromethane	BRL	6.7		ug/Kg-dry	224367	1	05/23/2016 23:47	CG
Ethylbenzene	BRL	3.3		ug/Kg-dry	224367	1	05/23/2016 23:47	CG
Freon-113	BRL	6.7		ug/Kg-dry	224367	1	05/23/2016 23:47	CG
Isopropylbenzene	BRL	3.3		ug/Kg-dry	224367	1	05/23/2016 23:47	CG
m,p-Xylene	BRL	3.3		ug/Kg-dry	224367	1	05/23/2016 23:47	CG
Methyl acetate	BRL	3.3		ug/Kg-dry	224367	1	05/23/2016 23:47	CG
Methyl tert-butyl ether	BRL	3.3		ug/Kg-dry	224367	1	05/23/2016 23:47	CG
Methylcyclohexane	BRL	3.3		ug/Kg-dry	224367	1	05/23/2016 23:47	CG
Methylene chloride	BRL	13		ug/Kg-dry	224367	1	05/23/2016 23:47	CG
o-Xylene	BRL	3.3		ug/Kg-dry	224367	1	05/23/2016 23:47	CG

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: 31-May-16

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1605G06-024

Client Sample ID: 16140-SB-11-12
Collection Date: 5/19/2016 9:07:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	3.3		ug/Kg-dry	224367	1	05/23/2016 23:47	CG
Tetrachloroethene	1400	150		ug/Kg-dry	224356	50	05/25/2016 09:01	AR
Toluene	BRL	3.3		ug/Kg-dry	224367	1	05/23/2016 23:47	CG
trans-1,2-Dichloroethene	BRL	3.3		ug/Kg-dry	224367	1	05/23/2016 23:47	CG
trans-1,3-Dichloropropene	BRL	3.3		ug/Kg-dry	224367	1	05/23/2016 23:47	CG
Trichloroethene	BRL	3.3		ug/Kg-dry	224367	1	05/23/2016 23:47	CG
Trichlorofluoromethane	BRL	3.3		ug/Kg-dry	224367	1	05/23/2016 23:47	CG
Vinyl chloride	BRL	6.7		ug/Kg-dry	224367	1	05/23/2016 23:47	CG
Surr: 4-Bromofluorobenzene	88.9	70-128		%REC	224356	50	05/25/2016 09:01	AR
Surr: 4-Bromofluorobenzene	87.9	70-128		%REC	224367	1	05/23/2016 23:47	CG
Surr: Dibromofluoromethane	88.3	78.2-128		%REC	224356	50	05/25/2016 09:01	AR
Surr: Dibromofluoromethane	88.3	78.2-128		%REC	224367	1	05/23/2016 23:47	CG
Surr: Toluene-d8	96.3	76.5-116		%REC	224356	50	05/25/2016 09:01	AR
Surr: Toluene-d8	93.4	76.5-116		%REC	224367	1	05/23/2016 23:47	CG
PERCENT MOISTURE D2216								
Percent Moisture	21.8	0		wt%	R317473	1	05/24/2016 10:00	JC

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: 31-May-16

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1605G06-025

Client Sample ID: 16140-SB-16-2
Collection Date: 5/19/2016 10:42:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	3.4		ug/Kg-dry	224367	1	05/24/2016 00:11	CG
1,1,2,2-Tetrachloroethane	BRL	3.4		ug/Kg-dry	224367	1	05/24/2016 00:11	CG
1,1,2-Trichloroethane	BRL	3.4		ug/Kg-dry	224367	1	05/24/2016 00:11	CG
1,1-Dichloroethane	BRL	3.4		ug/Kg-dry	224367	1	05/24/2016 00:11	CG
1,1-Dichloroethene	BRL	3.4		ug/Kg-dry	224367	1	05/24/2016 00:11	CG
1,2,4-Trichlorobenzene	BRL	3.4		ug/Kg-dry	224367	1	05/24/2016 00:11	CG
1,2-Dibromo-3-chloropropane	BRL	3.4		ug/Kg-dry	224367	1	05/24/2016 00:11	CG
1,2-Dibromoethane	BRL	3.4		ug/Kg-dry	224367	1	05/24/2016 00:11	CG
1,2-Dichlorobenzene	BRL	3.4		ug/Kg-dry	224367	1	05/24/2016 00:11	CG
1,2-Dichloroethane	BRL	3.4		ug/Kg-dry	224367	1	05/24/2016 00:11	CG
1,2-Dichloropropane	BRL	3.4		ug/Kg-dry	224367	1	05/24/2016 00:11	CG
1,3-Dichlorobenzene	BRL	3.4		ug/Kg-dry	224367	1	05/24/2016 00:11	CG
1,4-Dichlorobenzene	BRL	3.4		ug/Kg-dry	224367	1	05/24/2016 00:11	CG
2-Butanone	BRL	34		ug/Kg-dry	224367	1	05/24/2016 00:11	CG
2-Hexanone	BRL	6.8		ug/Kg-dry	224367	1	05/24/2016 00:11	CG
4-Methyl-2-pentanone	BRL	6.8		ug/Kg-dry	224367	1	05/24/2016 00:11	CG
Acetone	BRL	68		ug/Kg-dry	224367	1	05/24/2016 00:11	CG
Benzene	BRL	3.4		ug/Kg-dry	224367	1	05/24/2016 00:11	CG
Bromodichloromethane	BRL	3.4		ug/Kg-dry	224367	1	05/24/2016 00:11	CG
Bromoform	BRL	3.4		ug/Kg-dry	224367	1	05/24/2016 00:11	CG
Bromomethane	BRL	3.4		ug/Kg-dry	224367	1	05/24/2016 00:11	CG
Carbon disulfide	BRL	6.8		ug/Kg-dry	224367	1	05/24/2016 00:11	CG
Carbon tetrachloride	BRL	3.4		ug/Kg-dry	224367	1	05/24/2016 00:11	CG
Chlorobenzene	BRL	3.4		ug/Kg-dry	224367	1	05/24/2016 00:11	CG
Chloroethane	BRL	6.8		ug/Kg-dry	224367	1	05/24/2016 00:11	CG
Chloroform	BRL	3.4		ug/Kg-dry	224367	1	05/24/2016 00:11	CG
Chloromethane	BRL	6.8		ug/Kg-dry	224367	1	05/24/2016 00:11	CG
cis-1,2-Dichloroethene	BRL	3.4		ug/Kg-dry	224367	1	05/24/2016 00:11	CG
cis-1,3-Dichloropropene	BRL	3.4		ug/Kg-dry	224367	1	05/24/2016 00:11	CG
Cyclohexane	BRL	3.4		ug/Kg-dry	224367	1	05/24/2016 00:11	CG
Dibromochloromethane	BRL	3.4		ug/Kg-dry	224367	1	05/24/2016 00:11	CG
Dichlorodifluoromethane	BRL	6.8		ug/Kg-dry	224367	1	05/24/2016 00:11	CG
Ethylbenzene	BRL	3.4		ug/Kg-dry	224367	1	05/24/2016 00:11	CG
Freon-113	BRL	6.8		ug/Kg-dry	224367	1	05/24/2016 00:11	CG
Isopropylbenzene	BRL	3.4		ug/Kg-dry	224367	1	05/24/2016 00:11	CG
m,p-Xylene	BRL	3.4		ug/Kg-dry	224367	1	05/24/2016 00:11	CG
Methyl acetate	BRL	3.4		ug/Kg-dry	224367	1	05/24/2016 00:11	CG
Methyl tert-butyl ether	BRL	3.4		ug/Kg-dry	224367	1	05/24/2016 00:11	CG
Methylcyclohexane	BRL	3.4		ug/Kg-dry	224367	1	05/24/2016 00:11	CG
Methylene chloride	BRL	14		ug/Kg-dry	224367	1	05/24/2016 00:11	CG
o-Xylene	BRL	3.4		ug/Kg-dry	224367	1	05/24/2016 00:11	CG

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: 31-May-16

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1605G06-025

Client Sample ID: 16140-SB-16-2
Collection Date: 5/19/2016 10:42:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	3.4		ug/Kg-dry	224367	1	05/24/2016 00:11	CG
Tetrachloroethene	1100	160		ug/Kg-dry	224356	50	05/25/2016 07:44	AR
Toluene	BRL	3.4		ug/Kg-dry	224367	1	05/24/2016 00:11	CG
trans-1,2-Dichloroethene	BRL	3.4		ug/Kg-dry	224367	1	05/24/2016 00:11	CG
trans-1,3-Dichloropropene	BRL	3.4		ug/Kg-dry	224367	1	05/24/2016 00:11	CG
Trichloroethene	BRL	3.4		ug/Kg-dry	224367	1	05/24/2016 00:11	CG
Trichlorofluoromethane	BRL	3.4		ug/Kg-dry	224367	1	05/24/2016 00:11	CG
Vinyl chloride	BRL	6.8		ug/Kg-dry	224367	1	05/24/2016 00:11	CG
Surr: 4-Bromofluorobenzene	88	70-128		%REC	224356	50	05/25/2016 07:44	AR
Surr: 4-Bromofluorobenzene	86.4	70-128		%REC	224367	1	05/24/2016 00:11	CG
Surr: Dibromofluoromethane	91.9	78.2-128		%REC	224356	50	05/25/2016 07:44	AR
Surr: Dibromofluoromethane	87.1	78.2-128		%REC	224367	1	05/24/2016 00:11	CG
Surr: Toluene-d8	91	76.5-116		%REC	224356	50	05/25/2016 07:44	AR
Surr: Toluene-d8	93.5	76.5-116		%REC	224367	1	05/24/2016 00:11	CG
PERCENT MOISTURE D2216								
Percent Moisture	21.7	0		wt%	R317473	1	05/24/2016 10:00	JC

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: 31-May-16

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1605G06-026

Client Sample ID: 16140-SB-16-12
Collection Date: 5/19/2016 11:00:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	3.2		ug/Kg-dry	224367	1	05/24/2016 00:35	CG
1,1,2,2-Tetrachloroethane	BRL	3.2		ug/Kg-dry	224367	1	05/24/2016 00:35	CG
1,1,2-Trichloroethane	BRL	3.2		ug/Kg-dry	224367	1	05/24/2016 00:35	CG
1,1-Dichloroethane	BRL	3.2		ug/Kg-dry	224367	1	05/24/2016 00:35	CG
1,1-Dichloroethene	BRL	3.2		ug/Kg-dry	224367	1	05/24/2016 00:35	CG
1,2,4-Trichlorobenzene	BRL	3.2		ug/Kg-dry	224367	1	05/24/2016 00:35	CG
1,2-Dibromo-3-chloropropane	BRL	3.2		ug/Kg-dry	224367	1	05/24/2016 00:35	CG
1,2-Dibromoethane	BRL	3.2		ug/Kg-dry	224367	1	05/24/2016 00:35	CG
1,2-Dichlorobenzene	BRL	3.2		ug/Kg-dry	224367	1	05/24/2016 00:35	CG
1,2-Dichloroethane	BRL	3.2		ug/Kg-dry	224367	1	05/24/2016 00:35	CG
1,2-Dichloropropane	BRL	3.2		ug/Kg-dry	224367	1	05/24/2016 00:35	CG
1,3-Dichlorobenzene	BRL	3.2		ug/Kg-dry	224367	1	05/24/2016 00:35	CG
1,4-Dichlorobenzene	BRL	3.2		ug/Kg-dry	224367	1	05/24/2016 00:35	CG
2-Butanone	BRL	32		ug/Kg-dry	224367	1	05/24/2016 00:35	CG
2-Hexanone	BRL	6.4		ug/Kg-dry	224367	1	05/24/2016 00:35	CG
4-Methyl-2-pentanone	BRL	6.4		ug/Kg-dry	224367	1	05/24/2016 00:35	CG
Acetone	BRL	64		ug/Kg-dry	224367	1	05/24/2016 00:35	CG
Benzene	BRL	3.2		ug/Kg-dry	224367	1	05/24/2016 00:35	CG
Bromodichloromethane	BRL	3.2		ug/Kg-dry	224367	1	05/24/2016 00:35	CG
Bromoform	BRL	3.2		ug/Kg-dry	224367	1	05/24/2016 00:35	CG
Bromomethane	BRL	3.2		ug/Kg-dry	224367	1	05/24/2016 00:35	CG
Carbon disulfide	BRL	6.4		ug/Kg-dry	224367	1	05/24/2016 00:35	CG
Carbon tetrachloride	BRL	3.2		ug/Kg-dry	224367	1	05/24/2016 00:35	CG
Chlorobenzene	BRL	3.2		ug/Kg-dry	224367	1	05/24/2016 00:35	CG
Chloroethane	BRL	6.4		ug/Kg-dry	224367	1	05/24/2016 00:35	CG
Chloroform	BRL	3.2		ug/Kg-dry	224367	1	05/24/2016 00:35	CG
Chloromethane	BRL	6.4		ug/Kg-dry	224367	1	05/24/2016 00:35	CG
cis-1,2-Dichloroethene	BRL	3.2		ug/Kg-dry	224367	1	05/24/2016 00:35	CG
cis-1,3-Dichloropropene	BRL	3.2		ug/Kg-dry	224367	1	05/24/2016 00:35	CG
Cyclohexane	BRL	3.2		ug/Kg-dry	224367	1	05/24/2016 00:35	CG
Dibromochloromethane	BRL	3.2		ug/Kg-dry	224367	1	05/24/2016 00:35	CG
Dichlorodifluoromethane	BRL	6.4		ug/Kg-dry	224367	1	05/24/2016 00:35	CG
Ethylbenzene	BRL	3.2		ug/Kg-dry	224367	1	05/24/2016 00:35	CG
Freon-113	BRL	6.4		ug/Kg-dry	224367	1	05/24/2016 00:35	CG
Isopropylbenzene	BRL	3.2		ug/Kg-dry	224367	1	05/24/2016 00:35	CG
m,p-Xylene	BRL	3.2		ug/Kg-dry	224367	1	05/24/2016 00:35	CG
Methyl acetate	BRL	3.2		ug/Kg-dry	224367	1	05/24/2016 00:35	CG
Methyl tert-butyl ether	BRL	3.2		ug/Kg-dry	224367	1	05/24/2016 00:35	CG
Methylcyclohexane	BRL	3.2		ug/Kg-dry	224367	1	05/24/2016 00:35	CG
Methylene chloride	BRL	13		ug/Kg-dry	224367	1	05/24/2016 00:35	CG
o-Xylene	BRL	3.2		ug/Kg-dry	224367	1	05/24/2016 00:35	CG

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: 31-May-16

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1605G06-026

Client Sample ID: 16140-SB-16-12
Collection Date: 5/19/2016 11:00:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	3.2		ug/Kg-dry	224367	1	05/24/2016 00:35	CG
Tetrachloroethene	1300	150		ug/Kg-dry	224356	50	05/25/2016 09:27	AR
Toluene	BRL	3.2		ug/Kg-dry	224367	1	05/24/2016 00:35	CG
trans-1,2-Dichloroethene	BRL	3.2		ug/Kg-dry	224367	1	05/24/2016 00:35	CG
trans-1,3-Dichloropropene	BRL	3.2		ug/Kg-dry	224367	1	05/24/2016 00:35	CG
Trichloroethene	BRL	3.2		ug/Kg-dry	224367	1	05/24/2016 00:35	CG
Trichlorofluoromethane	BRL	3.2		ug/Kg-dry	224367	1	05/24/2016 00:35	CG
Vinyl chloride	BRL	6.4		ug/Kg-dry	224367	1	05/24/2016 00:35	CG
Surr: 4-Bromofluorobenzene	85	70-128		%REC	224356	50	05/25/2016 09:27	AR
Surr: 4-Bromofluorobenzene	85.5	70-128		%REC	224367	1	05/24/2016 00:35	CG
Surr: Dibromofluoromethane	92.9	78.2-128		%REC	224356	50	05/25/2016 09:27	AR
Surr: Dibromofluoromethane	89.4	78.2-128		%REC	224367	1	05/24/2016 00:35	CG
Surr: Toluene-d8	96.6	76.5-116		%REC	224356	50	05/25/2016 09:27	AR
Surr: Toluene-d8	89	76.5-116		%REC	224367	1	05/24/2016 00:35	CG
PERCENT MOISTURE D2216								
Percent Moisture	22.1	0		wt%	R317473	1	05/24/2016 10:00	JC

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: 31-May-16

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1605G06-027

Client Sample ID: 16140-SB-15-2
Collection Date: 5/19/2016 11:30:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	2.6		ug/Kg-dry	224367	1	05/24/2016 13:59	CG
1,1,2,2-Tetrachloroethane	BRL	2.6		ug/Kg-dry	224367	1	05/24/2016 13:59	CG
1,1,2-Trichloroethane	BRL	2.6		ug/Kg-dry	224367	1	05/24/2016 13:59	CG
1,1-Dichloroethane	BRL	2.6		ug/Kg-dry	224367	1	05/24/2016 13:59	CG
1,1-Dichloroethene	BRL	2.6		ug/Kg-dry	224367	1	05/24/2016 13:59	CG
1,2,4-Trichlorobenzene	BRL	2.6		ug/Kg-dry	224367	1	05/24/2016 13:59	CG
1,2-Dibromo-3-chloropropane	BRL	2.6		ug/Kg-dry	224367	1	05/24/2016 13:59	CG
1,2-Dibromoethane	BRL	2.6		ug/Kg-dry	224367	1	05/24/2016 13:59	CG
1,2-Dichlorobenzene	BRL	2.6		ug/Kg-dry	224367	1	05/24/2016 13:59	CG
1,2-Dichloroethane	BRL	2.6		ug/Kg-dry	224367	1	05/24/2016 13:59	CG
1,2-Dichloropropane	BRL	2.6		ug/Kg-dry	224367	1	05/24/2016 13:59	CG
1,3-Dichlorobenzene	BRL	2.6		ug/Kg-dry	224367	1	05/24/2016 13:59	CG
1,4-Dichlorobenzene	BRL	2.6		ug/Kg-dry	224367	1	05/24/2016 13:59	CG
2-Butanone	BRL	26		ug/Kg-dry	224367	1	05/24/2016 13:59	CG
2-Hexanone	BRL	5.3		ug/Kg-dry	224367	1	05/24/2016 13:59	CG
4-Methyl-2-pentanone	BRL	5.3		ug/Kg-dry	224367	1	05/24/2016 13:59	CG
Acetone	BRL	53		ug/Kg-dry	224367	1	05/24/2016 13:59	CG
Benzene	BRL	2.6		ug/Kg-dry	224367	1	05/24/2016 13:59	CG
Bromodichloromethane	BRL	2.6		ug/Kg-dry	224367	1	05/24/2016 13:59	CG
Bromoform	BRL	2.6		ug/Kg-dry	224367	1	05/24/2016 13:59	CG
Bromomethane	BRL	2.6		ug/Kg-dry	224367	1	05/24/2016 13:59	CG
Carbon disulfide	BRL	5.3		ug/Kg-dry	224367	1	05/24/2016 13:59	CG
Carbon tetrachloride	BRL	2.6		ug/Kg-dry	224367	1	05/24/2016 13:59	CG
Chlorobenzene	BRL	2.6		ug/Kg-dry	224367	1	05/24/2016 13:59	CG
Chloroethane	BRL	5.3		ug/Kg-dry	224367	1	05/24/2016 13:59	CG
Chloroform	BRL	2.6		ug/Kg-dry	224367	1	05/24/2016 13:59	CG
Chloromethane	BRL	5.3		ug/Kg-dry	224367	1	05/24/2016 13:59	CG
cis-1,2-Dichloroethene	BRL	2.6		ug/Kg-dry	224367	1	05/24/2016 13:59	CG
cis-1,3-Dichloropropene	BRL	2.6		ug/Kg-dry	224367	1	05/24/2016 13:59	CG
Cyclohexane	BRL	2.6		ug/Kg-dry	224367	1	05/24/2016 13:59	CG
Dibromochloromethane	BRL	2.6		ug/Kg-dry	224367	1	05/24/2016 13:59	CG
Dichlorodifluoromethane	BRL	5.3		ug/Kg-dry	224367	1	05/24/2016 13:59	CG
Ethylbenzene	BRL	2.6		ug/Kg-dry	224367	1	05/24/2016 13:59	CG
Freon-113	BRL	5.3		ug/Kg-dry	224367	1	05/24/2016 13:59	CG
Isopropylbenzene	BRL	2.6		ug/Kg-dry	224367	1	05/24/2016 13:59	CG
m,p-Xylene	BRL	2.6		ug/Kg-dry	224367	1	05/24/2016 13:59	CG
Methyl acetate	BRL	2.6		ug/Kg-dry	224367	1	05/24/2016 13:59	CG
Methyl tert-butyl ether	BRL	2.6		ug/Kg-dry	224367	1	05/24/2016 13:59	CG
Methylcyclohexane	BRL	2.6		ug/Kg-dry	224367	1	05/24/2016 13:59	CG
Methylene chloride	BRL	11		ug/Kg-dry	224367	1	05/24/2016 13:59	CG
o-Xylene	BRL	2.6		ug/Kg-dry	224367	1	05/24/2016 13:59	CG

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: 31-May-16

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1605G06-027

Client Sample ID: 16140-SB-15-2
Collection Date: 5/19/2016 11:30:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	2.6		ug/Kg-dry	224367	1	05/24/2016 13:59	CG
Tetrachloroethene	BRL	2.6		ug/Kg-dry	224367	1	05/24/2016 13:59	CG
Toluene	BRL	2.6		ug/Kg-dry	224367	1	05/24/2016 13:59	CG
trans-1,2-Dichloroethene	BRL	2.6		ug/Kg-dry	224367	1	05/24/2016 13:59	CG
trans-1,3-Dichloropropene	BRL	2.6		ug/Kg-dry	224367	1	05/24/2016 13:59	CG
Trichloroethene	BRL	2.6		ug/Kg-dry	224367	1	05/24/2016 13:59	CG
Trichlorofluoromethane	BRL	2.6		ug/Kg-dry	224367	1	05/24/2016 13:59	CG
Vinyl chloride	BRL	5.3		ug/Kg-dry	224367	1	05/24/2016 13:59	CG
Surr: 4-Bromofluorobenzene	78.5	70-128		%REC	224367	1	05/24/2016 13:59	CG
Surr: Dibromofluoromethane	84	78.2-128		%REC	224367	1	05/24/2016 13:59	CG
Surr: Toluene-d8	96.8	76.5-116		%REC	224367	1	05/24/2016 13:59	CG
PERCENT MOISTURE D2216								
Percent Moisture	18.5	0		wt%	R317473	1	05/24/2016 10:00	JC

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: 31-May-16

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1605G06-028

Client Sample ID: 16140-SB-15-12
Collection Date: 5/19/2016 11:45:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 01:23	CG
1,1,2,2-Tetrachloroethane	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 01:23	CG
1,1,2-Trichloroethane	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 01:23	CG
1,1-Dichloroethane	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 01:23	CG
1,1-Dichloroethene	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 01:23	CG
1,2,4-Trichlorobenzene	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 01:23	CG
1,2-Dibromo-3-chloropropane	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 01:23	CG
1,2-Dibromoethane	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 01:23	CG
1,2-Dichlorobenzene	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 01:23	CG
1,2-Dichloroethane	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 01:23	CG
1,2-Dichloropropane	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 01:23	CG
1,3-Dichlorobenzene	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 01:23	CG
1,4-Dichlorobenzene	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 01:23	CG
2-Butanone	BRL	30		ug/Kg-dry	224367	1	05/24/2016 01:23	CG
2-Hexanone	BRL	6.1		ug/Kg-dry	224367	1	05/24/2016 01:23	CG
4-Methyl-2-pentanone	BRL	6.1		ug/Kg-dry	224367	1	05/24/2016 01:23	CG
Acetone	BRL	61		ug/Kg-dry	224367	1	05/24/2016 01:23	CG
Benzene	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 01:23	CG
Bromodichloromethane	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 01:23	CG
Bromoform	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 01:23	CG
Bromomethane	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 01:23	CG
Carbon disulfide	BRL	6.1		ug/Kg-dry	224367	1	05/24/2016 01:23	CG
Carbon tetrachloride	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 01:23	CG
Chlorobenzene	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 01:23	CG
Chloroethane	BRL	6.1		ug/Kg-dry	224367	1	05/24/2016 01:23	CG
Chloroform	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 01:23	CG
Chloromethane	BRL	6.1		ug/Kg-dry	224367	1	05/24/2016 01:23	CG
cis-1,2-Dichloroethene	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 01:23	CG
cis-1,3-Dichloropropene	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 01:23	CG
Cyclohexane	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 01:23	CG
Dibromochloromethane	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 01:23	CG
Dichlorodifluoromethane	BRL	6.1		ug/Kg-dry	224367	1	05/24/2016 01:23	CG
Ethylbenzene	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 01:23	CG
Freon-113	BRL	6.1		ug/Kg-dry	224367	1	05/24/2016 01:23	CG
Isopropylbenzene	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 01:23	CG
m,p-Xylene	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 01:23	CG
Methyl acetate	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 01:23	CG
Methyl tert-butyl ether	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 01:23	CG
Methylcyclohexane	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 01:23	CG
Methylene chloride	BRL	12		ug/Kg-dry	224367	1	05/24/2016 01:23	CG
o-Xylene	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 01:23	CG

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: 31-May-16

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1605G06-028

Client Sample ID: 16140-SB-15-12
Collection Date: 5/19/2016 11:45:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 01:23	CG
Tetrachloroethene	13	3.0		ug/Kg-dry	224367	1	05/24/2016 01:23	CG
Toluene	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 01:23	CG
trans-1,2-Dichloroethene	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 01:23	CG
trans-1,3-Dichloropropene	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 01:23	CG
Trichloroethene	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 01:23	CG
Trichlorofluoromethane	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 01:23	CG
Vinyl chloride	BRL	6.1		ug/Kg-dry	224367	1	05/24/2016 01:23	CG
Surr: 4-Bromofluorobenzene	82.6	70-128		%REC	224367	1	05/24/2016 01:23	CG
Surr: Dibromofluoromethane	89	78.2-128		%REC	224367	1	05/24/2016 01:23	CG
Surr: Toluene-d8	95.1	76.5-116		%REC	224367	1	05/24/2016 01:23	CG
PERCENT MOISTURE D2216								
Percent Moisture	17.6	0		wt%	R317473	1	05/24/2016 10:00	JC

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: 31-May-16

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1605G06-029

Client Sample ID: 16140-SB-14-2
Collection Date: 5/19/2016 1:35:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	2.9		ug/Kg-dry	224367	1	05/24/2016 01:46	CG
1,1,2,2-Tetrachloroethane	BRL	2.9		ug/Kg-dry	224367	1	05/24/2016 01:46	CG
1,1,2-Trichloroethane	BRL	2.9		ug/Kg-dry	224367	1	05/24/2016 01:46	CG
1,1-Dichloroethane	BRL	2.9		ug/Kg-dry	224367	1	05/24/2016 01:46	CG
1,1-Dichloroethene	BRL	2.9		ug/Kg-dry	224367	1	05/24/2016 01:46	CG
1,2,4-Trichlorobenzene	BRL	2.9		ug/Kg-dry	224367	1	05/24/2016 01:46	CG
1,2-Dibromo-3-chloropropane	BRL	2.9		ug/Kg-dry	224367	1	05/24/2016 01:46	CG
1,2-Dibromoethane	BRL	2.9		ug/Kg-dry	224367	1	05/24/2016 01:46	CG
1,2-Dichlorobenzene	BRL	2.9		ug/Kg-dry	224367	1	05/24/2016 01:46	CG
1,2-Dichloroethane	BRL	2.9		ug/Kg-dry	224367	1	05/24/2016 01:46	CG
1,2-Dichloropropane	BRL	2.9		ug/Kg-dry	224367	1	05/24/2016 01:46	CG
1,3-Dichlorobenzene	BRL	2.9		ug/Kg-dry	224367	1	05/24/2016 01:46	CG
1,4-Dichlorobenzene	BRL	2.9		ug/Kg-dry	224367	1	05/24/2016 01:46	CG
2-Butanone	BRL	29		ug/Kg-dry	224367	1	05/24/2016 01:46	CG
2-Hexanone	BRL	5.9		ug/Kg-dry	224367	1	05/24/2016 01:46	CG
4-Methyl-2-pentanone	BRL	5.9		ug/Kg-dry	224367	1	05/24/2016 01:46	CG
Acetone	BRL	59		ug/Kg-dry	224367	1	05/24/2016 01:46	CG
Benzene	BRL	2.9		ug/Kg-dry	224367	1	05/24/2016 01:46	CG
Bromodichloromethane	BRL	2.9		ug/Kg-dry	224367	1	05/24/2016 01:46	CG
Bromoform	BRL	2.9		ug/Kg-dry	224367	1	05/24/2016 01:46	CG
Bromomethane	BRL	2.9		ug/Kg-dry	224367	1	05/24/2016 01:46	CG
Carbon disulfide	BRL	5.9		ug/Kg-dry	224367	1	05/24/2016 01:46	CG
Carbon tetrachloride	BRL	2.9		ug/Kg-dry	224367	1	05/24/2016 01:46	CG
Chlorobenzene	BRL	2.9		ug/Kg-dry	224367	1	05/24/2016 01:46	CG
Chloroethane	BRL	5.9		ug/Kg-dry	224367	1	05/24/2016 01:46	CG
Chloroform	BRL	2.9		ug/Kg-dry	224367	1	05/24/2016 01:46	CG
Chloromethane	BRL	5.9		ug/Kg-dry	224367	1	05/24/2016 01:46	CG
cis-1,2-Dichloroethene	BRL	2.9		ug/Kg-dry	224367	1	05/24/2016 01:46	CG
cis-1,3-Dichloropropene	BRL	2.9		ug/Kg-dry	224367	1	05/24/2016 01:46	CG
Cyclohexane	BRL	2.9		ug/Kg-dry	224367	1	05/24/2016 01:46	CG
Dibromochloromethane	BRL	2.9		ug/Kg-dry	224367	1	05/24/2016 01:46	CG
Dichlorodifluoromethane	BRL	5.9		ug/Kg-dry	224367	1	05/24/2016 01:46	CG
Ethylbenzene	BRL	2.9		ug/Kg-dry	224367	1	05/24/2016 01:46	CG
Freon-113	BRL	5.9		ug/Kg-dry	224367	1	05/24/2016 01:46	CG
Isopropylbenzene	BRL	2.9		ug/Kg-dry	224367	1	05/24/2016 01:46	CG
m,p-Xylene	BRL	2.9		ug/Kg-dry	224367	1	05/24/2016 01:46	CG
Methyl acetate	BRL	2.9		ug/Kg-dry	224367	1	05/24/2016 01:46	CG
Methyl tert-butyl ether	BRL	2.9		ug/Kg-dry	224367	1	05/24/2016 01:46	CG
Methylcyclohexane	BRL	2.9		ug/Kg-dry	224367	1	05/24/2016 01:46	CG
Methylene chloride	BRL	12		ug/Kg-dry	224367	1	05/24/2016 01:46	CG
o-Xylene	BRL	2.9		ug/Kg-dry	224367	1	05/24/2016 01:46	CG

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: 31-May-16

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1605G06-029

Client Sample ID: 16140-SB-14-2
Collection Date: 5/19/2016 1:35:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	2.9		ug/Kg-dry	224367	1	05/24/2016 01:46	CG
Tetrachloroethene	3.4	2.9		ug/Kg-dry	224367	1	05/24/2016 01:46	CG
Toluene	BRL	2.9		ug/Kg-dry	224367	1	05/24/2016 01:46	CG
trans-1,2-Dichloroethene	BRL	2.9		ug/Kg-dry	224367	1	05/24/2016 01:46	CG
trans-1,3-Dichloropropene	BRL	2.9		ug/Kg-dry	224367	1	05/24/2016 01:46	CG
Trichloroethene	BRL	2.9		ug/Kg-dry	224367	1	05/24/2016 01:46	CG
Trichlorofluoromethane	BRL	2.9		ug/Kg-dry	224367	1	05/24/2016 01:46	CG
Vinyl chloride	BRL	5.9		ug/Kg-dry	224367	1	05/24/2016 01:46	CG
Surr: 4-Bromofluorobenzene	90.1	70-128		%REC	224367	1	05/24/2016 01:46	CG
Surr: Dibromofluoromethane	94.6	78.2-128		%REC	224367	1	05/24/2016 01:46	CG
Surr: Toluene-d8	95.6	76.5-116		%REC	224367	1	05/24/2016 01:46	CG
PERCENT MOISTURE D2216								
Percent Moisture	13.2	0		wt%	R317473	1	05/24/2016 10:00	JC

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: 31-May-16

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1605G06-030

Client Sample ID: 16140-SB-14-12
Collection Date: 5/19/2016 1:50:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 02:10	CG
1,1,2,2-Tetrachloroethane	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 02:10	CG
1,1,2-Trichloroethane	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 02:10	CG
1,1-Dichloroethane	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 02:10	CG
1,1-Dichloroethene	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 02:10	CG
1,2,4-Trichlorobenzene	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 02:10	CG
1,2-Dibromo-3-chloropropane	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 02:10	CG
1,2-Dibromoethane	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 02:10	CG
1,2-Dichlorobenzene	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 02:10	CG
1,2-Dichloroethane	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 02:10	CG
1,2-Dichloropropane	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 02:10	CG
1,3-Dichlorobenzene	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 02:10	CG
1,4-Dichlorobenzene	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 02:10	CG
2-Butanone	BRL	30		ug/Kg-dry	224367	1	05/24/2016 02:10	CG
2-Hexanone	BRL	6.1		ug/Kg-dry	224367	1	05/24/2016 02:10	CG
4-Methyl-2-pentanone	BRL	6.1		ug/Kg-dry	224367	1	05/24/2016 02:10	CG
Acetone	BRL	61		ug/Kg-dry	224367	1	05/24/2016 02:10	CG
Benzene	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 02:10	CG
Bromodichloromethane	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 02:10	CG
Bromoform	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 02:10	CG
Bromomethane	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 02:10	CG
Carbon disulfide	BRL	6.1		ug/Kg-dry	224367	1	05/24/2016 02:10	CG
Carbon tetrachloride	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 02:10	CG
Chlorobenzene	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 02:10	CG
Chloroethane	BRL	6.1		ug/Kg-dry	224367	1	05/24/2016 02:10	CG
Chloroform	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 02:10	CG
Chloromethane	BRL	6.1		ug/Kg-dry	224367	1	05/24/2016 02:10	CG
cis-1,2-Dichloroethene	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 02:10	CG
cis-1,3-Dichloropropene	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 02:10	CG
Cyclohexane	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 02:10	CG
Dibromochloromethane	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 02:10	CG
Dichlorodifluoromethane	BRL	6.1		ug/Kg-dry	224367	1	05/24/2016 02:10	CG
Ethylbenzene	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 02:10	CG
Freon-113	BRL	6.1		ug/Kg-dry	224367	1	05/24/2016 02:10	CG
Isopropylbenzene	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 02:10	CG
m,p-Xylene	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 02:10	CG
Methyl acetate	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 02:10	CG
Methyl tert-butyl ether	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 02:10	CG
Methylcyclohexane	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 02:10	CG
Methylene chloride	BRL	12		ug/Kg-dry	224367	1	05/24/2016 02:10	CG
o-Xylene	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 02:10	CG

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: 31-May-16

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1605G06-030

Client Sample ID: 16140-SB-14-12
Collection Date: 5/19/2016 1:50:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 02:10	CG
Tetrachloroethene	28	3.0		ug/Kg-dry	224367	1	05/24/2016 02:10	CG
Toluene	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 02:10	CG
trans-1,2-Dichloroethene	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 02:10	CG
trans-1,3-Dichloropropene	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 02:10	CG
Trichloroethene	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 02:10	CG
Trichlorofluoromethane	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 02:10	CG
Vinyl chloride	BRL	6.1		ug/Kg-dry	224367	1	05/24/2016 02:10	CG
Surr: 4-Bromofluorobenzene	90.9	70-128		%REC	224367	1	05/24/2016 02:10	CG
Surr: Dibromofluoromethane	91.8	78.2-128		%REC	224367	1	05/24/2016 02:10	CG
Surr: Toluene-d8	93.4	76.5-116		%REC	224367	1	05/24/2016 02:10	CG
PERCENT MOISTURE D2216								
Percent Moisture	15.0	0		wt%	R317473	1	05/24/2016 10:00	JC

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: 31-May-16

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1605G06-031

Client Sample ID: 16140-SB-13-2
Collection Date: 5/19/2016 2:05:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	2.9		ug/Kg-dry	224367	1	05/24/2016 02:34	CG
1,1,2,2-Tetrachloroethane	BRL	2.9		ug/Kg-dry	224367	1	05/24/2016 02:34	CG
1,1,2-Trichloroethane	BRL	2.9		ug/Kg-dry	224367	1	05/24/2016 02:34	CG
1,1-Dichloroethane	BRL	2.9		ug/Kg-dry	224367	1	05/24/2016 02:34	CG
1,1-Dichloroethene	BRL	2.9		ug/Kg-dry	224367	1	05/24/2016 02:34	CG
1,2,4-Trichlorobenzene	BRL	2.9		ug/Kg-dry	224367	1	05/24/2016 02:34	CG
1,2-Dibromo-3-chloropropane	BRL	2.9		ug/Kg-dry	224367	1	05/24/2016 02:34	CG
1,2-Dibromoethane	BRL	2.9		ug/Kg-dry	224367	1	05/24/2016 02:34	CG
1,2-Dichlorobenzene	BRL	2.9		ug/Kg-dry	224367	1	05/24/2016 02:34	CG
1,2-Dichloroethane	BRL	2.9		ug/Kg-dry	224367	1	05/24/2016 02:34	CG
1,2-Dichloropropane	BRL	2.9		ug/Kg-dry	224367	1	05/24/2016 02:34	CG
1,3-Dichlorobenzene	BRL	2.9		ug/Kg-dry	224367	1	05/24/2016 02:34	CG
1,4-Dichlorobenzene	BRL	2.9		ug/Kg-dry	224367	1	05/24/2016 02:34	CG
2-Butanone	BRL	29		ug/Kg-dry	224367	1	05/24/2016 02:34	CG
2-Hexanone	BRL	5.7		ug/Kg-dry	224367	1	05/24/2016 02:34	CG
4-Methyl-2-pentanone	BRL	5.7		ug/Kg-dry	224367	1	05/24/2016 02:34	CG
Acetone	BRL	57		ug/Kg-dry	224367	1	05/24/2016 02:34	CG
Benzene	BRL	2.9		ug/Kg-dry	224367	1	05/24/2016 02:34	CG
Bromodichloromethane	BRL	2.9		ug/Kg-dry	224367	1	05/24/2016 02:34	CG
Bromoform	BRL	2.9		ug/Kg-dry	224367	1	05/24/2016 02:34	CG
Bromomethane	BRL	2.9		ug/Kg-dry	224367	1	05/24/2016 02:34	CG
Carbon disulfide	BRL	5.7		ug/Kg-dry	224367	1	05/24/2016 02:34	CG
Carbon tetrachloride	BRL	2.9		ug/Kg-dry	224367	1	05/24/2016 02:34	CG
Chlorobenzene	BRL	2.9		ug/Kg-dry	224367	1	05/24/2016 02:34	CG
Chloroethane	BRL	5.7		ug/Kg-dry	224367	1	05/24/2016 02:34	CG
Chloroform	BRL	2.9		ug/Kg-dry	224367	1	05/24/2016 02:34	CG
Chloromethane	BRL	5.7		ug/Kg-dry	224367	1	05/24/2016 02:34	CG
cis-1,2-Dichloroethene	BRL	2.9		ug/Kg-dry	224367	1	05/24/2016 02:34	CG
cis-1,3-Dichloropropene	BRL	2.9		ug/Kg-dry	224367	1	05/24/2016 02:34	CG
Cyclohexane	BRL	2.9		ug/Kg-dry	224367	1	05/24/2016 02:34	CG
Dibromochloromethane	BRL	2.9		ug/Kg-dry	224367	1	05/24/2016 02:34	CG
Dichlorodifluoromethane	BRL	5.7		ug/Kg-dry	224367	1	05/24/2016 02:34	CG
Ethylbenzene	BRL	2.9		ug/Kg-dry	224367	1	05/24/2016 02:34	CG
Freon-113	BRL	5.7		ug/Kg-dry	224367	1	05/24/2016 02:34	CG
Isopropylbenzene	BRL	2.9		ug/Kg-dry	224367	1	05/24/2016 02:34	CG
m,p-Xylene	BRL	2.9		ug/Kg-dry	224367	1	05/24/2016 02:34	CG
Methyl acetate	BRL	2.9		ug/Kg-dry	224367	1	05/24/2016 02:34	CG
Methyl tert-butyl ether	BRL	2.9		ug/Kg-dry	224367	1	05/24/2016 02:34	CG
Methylcyclohexane	BRL	2.9		ug/Kg-dry	224367	1	05/24/2016 02:34	CG
Methylene chloride	BRL	11		ug/Kg-dry	224367	1	05/24/2016 02:34	CG
o-Xylene	BRL	2.9		ug/Kg-dry	224367	1	05/24/2016 02:34	CG

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: 31-May-16

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1605G06-031

Client Sample ID: 16140-SB-13-2
Collection Date: 5/19/2016 2:05:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	2.9		ug/Kg-dry	224367	1	05/24/2016 02:34	CG
Tetrachloroethene	BRL	2.9		ug/Kg-dry	224367	1	05/24/2016 02:34	CG
Toluene	BRL	2.9		ug/Kg-dry	224367	1	05/24/2016 02:34	CG
trans-1,2-Dichloroethene	BRL	2.9		ug/Kg-dry	224367	1	05/24/2016 02:34	CG
trans-1,3-Dichloropropene	BRL	2.9		ug/Kg-dry	224367	1	05/24/2016 02:34	CG
Trichloroethene	BRL	2.9		ug/Kg-dry	224367	1	05/24/2016 02:34	CG
Trichlorofluoromethane	BRL	2.9		ug/Kg-dry	224367	1	05/24/2016 02:34	CG
Vinyl chloride	BRL	5.7		ug/Kg-dry	224367	1	05/24/2016 02:34	CG
Surr: 4-Bromofluorobenzene	90.7	70-128		%REC	224367	1	05/24/2016 02:34	CG
Surr: Dibromofluoromethane	88.5	78.2-128		%REC	224367	1	05/24/2016 02:34	CG
Surr: Toluene-d8	92	76.5-116		%REC	224367	1	05/24/2016 02:34	CG
PERCENT MOISTURE D2216								
Percent Moisture	11.9	0		wt%	R317473	1	05/24/2016 10:00	JC

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: 31-May-16

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1605G06-032

Client Sample ID: 16140-SB-13-12
Collection Date: 5/19/2016 2:15:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 02:57	CG
1,1,2,2-Tetrachloroethane	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 02:57	CG
1,1,2-Trichloroethane	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 02:57	CG
1,1-Dichloroethane	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 02:57	CG
1,1-Dichloroethene	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 02:57	CG
1,2,4-Trichlorobenzene	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 02:57	CG
1,2-Dibromo-3-chloropropane	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 02:57	CG
1,2-Dibromoethane	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 02:57	CG
1,2-Dichlorobenzene	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 02:57	CG
1,2-Dichloroethane	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 02:57	CG
1,2-Dichloropropane	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 02:57	CG
1,3-Dichlorobenzene	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 02:57	CG
1,4-Dichlorobenzene	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 02:57	CG
2-Butanone	BRL	30		ug/Kg-dry	224367	1	05/24/2016 02:57	CG
2-Hexanone	BRL	6.1		ug/Kg-dry	224367	1	05/24/2016 02:57	CG
4-Methyl-2-pentanone	BRL	6.1		ug/Kg-dry	224367	1	05/24/2016 02:57	CG
Acetone	BRL	61		ug/Kg-dry	224367	1	05/24/2016 02:57	CG
Benzene	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 02:57	CG
Bromodichloromethane	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 02:57	CG
Bromoform	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 02:57	CG
Bromomethane	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 02:57	CG
Carbon disulfide	BRL	6.1		ug/Kg-dry	224367	1	05/24/2016 02:57	CG
Carbon tetrachloride	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 02:57	CG
Chlorobenzene	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 02:57	CG
Chloroethane	BRL	6.1		ug/Kg-dry	224367	1	05/24/2016 02:57	CG
Chloroform	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 02:57	CG
Chloromethane	BRL	6.1		ug/Kg-dry	224367	1	05/24/2016 02:57	CG
cis-1,2-Dichloroethene	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 02:57	CG
cis-1,3-Dichloropropene	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 02:57	CG
Cyclohexane	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 02:57	CG
Dibromochloromethane	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 02:57	CG
Dichlorodifluoromethane	BRL	6.1		ug/Kg-dry	224367	1	05/24/2016 02:57	CG
Ethylbenzene	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 02:57	CG
Freon-113	BRL	6.1		ug/Kg-dry	224367	1	05/24/2016 02:57	CG
Isopropylbenzene	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 02:57	CG
m,p-Xylene	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 02:57	CG
Methyl acetate	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 02:57	CG
Methyl tert-butyl ether	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 02:57	CG
Methylcyclohexane	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 02:57	CG
Methylene chloride	BRL	12		ug/Kg-dry	224367	1	05/24/2016 02:57	CG
o-Xylene	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 02:57	CG

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: 31-May-16

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1605G06-032

Client Sample ID: 16140-SB-13-12
Collection Date: 5/19/2016 2:15:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 02:57	CG
Tetrachloroethene	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 02:57	CG
Toluene	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 02:57	CG
trans-1,2-Dichloroethene	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 02:57	CG
trans-1,3-Dichloropropene	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 02:57	CG
Trichloroethene	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 02:57	CG
Trichlorofluoromethane	BRL	3.0		ug/Kg-dry	224367	1	05/24/2016 02:57	CG
Vinyl chloride	BRL	6.1		ug/Kg-dry	224367	1	05/24/2016 02:57	CG
Surr: 4-Bromofluorobenzene	96.5	70-128		%REC	224367	1	05/24/2016 02:57	CG
Surr: Dibromofluoromethane	98.3	78.2-128		%REC	224367	1	05/24/2016 02:57	CG
Surr: Toluene-d8	93.6	76.5-116		%REC	224367	1	05/24/2016 02:57	CG
PERCENT MOISTURE D2216								
Percent Moisture	22.5	0		wt%	R317473	1	05/24/2016 10:00	JC

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: 31-May-16

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1605G06-033

Client Sample ID: 16140-TCLP
Collection Date: 5/19/2016 2:40:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
VOLATILES, TCLP SW1311/8260B				(SW5030B)				
1,1-Dichloroethene	BRL	0.10		mg/L	224381	20	05/25/2016 13:49	NH
1,2-Dichloroethane	BRL	0.10		mg/L	224381	20	05/25/2016 13:49	NH
2-Butanone	BRL	0.20		mg/L	224381	20	05/25/2016 13:49	NH
Benzene	BRL	0.10		mg/L	224381	20	05/25/2016 13:49	NH
Carbon tetrachloride	BRL	0.10		mg/L	224381	20	05/25/2016 13:49	NH
Chlorobenzene	BRL	0.10		mg/L	224381	20	05/25/2016 13:49	NH
Chloroform	BRL	0.10		mg/L	224381	20	05/25/2016 13:49	NH
Tetrachloroethene	BRL	0.10		mg/L	224381	20	05/25/2016 13:49	NH
Trichloroethene	BRL	0.10		mg/L	224381	20	05/25/2016 13:49	NH
Vinyl chloride	BRL	0.040		mg/L	224381	20	05/25/2016 13:49	NH
Surr: 4-Bromofluorobenzene	97.7	64-125		%REC	224381	20	05/25/2016 13:49	NH
Surr: Dibromofluoromethane	96.8	73.7-128		%REC	224381	20	05/25/2016 13:49	NH
Surr: Toluene-d8	102	78.9-120		%REC	224381	20	05/25/2016 13:49	NH
MERCURY, TCLP SW1311/7470A				(SW7470A)				
Mercury	BRL	0.00400		mg/L	224445	1	05/25/2016 15:26	MC
ICP METALS, TCLP SW1311/6010C				(SW3010A)				
Arsenic	BRL	0.250		mg/L	224383	1	05/24/2016 20:20	JL
Barium	0.572	0.500		mg/L	224383	1	05/24/2016 20:20	JL
Cadmium	BRL	0.0250		mg/L	224383	1	05/24/2016 20:20	JL
Chromium	BRL	0.0500		mg/L	224383	1	05/24/2016 20:20	JL
Lead	BRL	0.0500		mg/L	224383	1	05/24/2016 20:20	JL
Selenium	BRL	0.100		mg/L	224383	1	05/24/2016 20:20	JL
Silver	BRL	0.0250		mg/L	224383	1	05/24/2016 20:20	JL

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: 31-May-16

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1605G06-034

Client Sample ID: TRIP BLANK
Collection Date: 5/19/2016
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	224255	1	05/21/2016 13:01	NP
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	224255	1	05/21/2016 13:01	NP
1,1,2-Trichloroethane	BRL	5.0		ug/L	224255	1	05/21/2016 13:01	NP
1,1-Dichloroethane	BRL	5.0		ug/L	224255	1	05/21/2016 13:01	NP
1,1-Dichloroethene	BRL	5.0		ug/L	224255	1	05/21/2016 13:01	NP
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	224255	1	05/21/2016 13:01	NP
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	224255	1	05/21/2016 13:01	NP
1,2-Dibromoethane	BRL	5.0		ug/L	224255	1	05/21/2016 13:01	NP
1,2-Dichlorobenzene	BRL	5.0		ug/L	224255	1	05/21/2016 13:01	NP
1,2-Dichloroethane	BRL	5.0		ug/L	224255	1	05/21/2016 13:01	NP
1,2-Dichloropropane	BRL	5.0		ug/L	224255	1	05/21/2016 13:01	NP
1,3-Dichlorobenzene	BRL	5.0		ug/L	224255	1	05/21/2016 13:01	NP
1,4-Dichlorobenzene	BRL	5.0		ug/L	224255	1	05/21/2016 13:01	NP
2-Butanone	BRL	50		ug/L	224255	1	05/21/2016 13:01	NP
2-Hexanone	BRL	10		ug/L	224255	1	05/21/2016 13:01	NP
4-Methyl-2-pentanone	BRL	10		ug/L	224255	1	05/21/2016 13:01	NP
Acetone	BRL	50		ug/L	224255	1	05/21/2016 13:01	NP
Benzene	BRL	5.0		ug/L	224255	1	05/21/2016 13:01	NP
Bromodichloromethane	BRL	5.0		ug/L	224255	1	05/21/2016 13:01	NP
Bromoform	BRL	5.0		ug/L	224255	1	05/21/2016 13:01	NP
Bromomethane	BRL	5.0		ug/L	224255	1	05/21/2016 13:01	NP
Carbon disulfide	BRL	5.0		ug/L	224255	1	05/21/2016 13:01	NP
Carbon tetrachloride	BRL	5.0		ug/L	224255	1	05/21/2016 13:01	NP
Chlorobenzene	BRL	5.0		ug/L	224255	1	05/21/2016 13:01	NP
Chloroethane	BRL	10		ug/L	224255	1	05/21/2016 13:01	NP
Chloroform	BRL	5.0		ug/L	224255	1	05/21/2016 13:01	NP
Chloromethane	BRL	10		ug/L	224255	1	05/21/2016 13:01	NP
cis-1,2-Dichloroethene	BRL	5.0		ug/L	224255	1	05/21/2016 13:01	NP
cis-1,3-Dichloropropene	BRL	5.0		ug/L	224255	1	05/21/2016 13:01	NP
Cyclohexane	BRL	5.0		ug/L	224255	1	05/21/2016 13:01	NP
Dibromochloromethane	BRL	5.0		ug/L	224255	1	05/21/2016 13:01	NP
Dichlorodifluoromethane	BRL	10		ug/L	224255	1	05/21/2016 13:01	NP
Ethylbenzene	BRL	5.0		ug/L	224255	1	05/21/2016 13:01	NP
Freon-113	BRL	10		ug/L	224255	1	05/21/2016 13:01	NP
Isopropylbenzene	BRL	5.0		ug/L	224255	1	05/21/2016 13:01	NP
m,p-Xylene	BRL	5.0		ug/L	224255	1	05/21/2016 13:01	NP
Methyl acetate	BRL	5.0		ug/L	224255	1	05/21/2016 13:01	NP
Methyl tert-butyl ether	BRL	5.0		ug/L	224255	1	05/21/2016 13:01	NP
Methylcyclohexane	BRL	5.0		ug/L	224255	1	05/21/2016 13:01	NP
Methylene chloride	BRL	5.0		ug/L	224255	1	05/21/2016 13:01	NP
o-Xylene	BRL	5.0		ug/L	224255	1	05/21/2016 13:01	NP

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: 31-May-16

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1605G06-034

Client Sample ID: TRIP BLANK
Collection Date: 5/19/2016
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	224255	1	05/21/2016 13:01	NP
Tetrachloroethene	BRL	5.0		ug/L	224255	1	05/21/2016 13:01	NP
Toluene	BRL	5.0		ug/L	224255	1	05/21/2016 13:01	NP
trans-1,2-Dichloroethene	BRL	5.0		ug/L	224255	1	05/21/2016 13:01	NP
trans-1,3-Dichloropropene	BRL	5.0		ug/L	224255	1	05/21/2016 13:01	NP
Trichloroethene	BRL	5.0		ug/L	224255	1	05/21/2016 13:01	NP
Trichlorofluoromethane	BRL	5.0		ug/L	224255	1	05/21/2016 13:01	NP
Vinyl chloride	BRL	2.0		ug/L	224255	1	05/21/2016 13:01	NP
Surr: 4-Bromofluorobenzene	95	70.7-125		%REC	224255	1	05/21/2016 13:01	NP
Surr: Dibromofluoromethane	97.8	82.2-120		%REC	224255	1	05/21/2016 13:01	NP
Surr: Toluene-d8	98.2	81.8-120		%REC	224255	1	05/21/2016 13:01	NP

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: 31-May-16

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1605G06-035

Client Sample ID: TRIP BLANK #2
Collection Date: 5/19/2016
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	224255	1	05/21/2016 13:25	NP
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	224255	1	05/21/2016 13:25	NP
1,1,2-Trichloroethane	BRL	5.0		ug/L	224255	1	05/21/2016 13:25	NP
1,1-Dichloroethane	BRL	5.0		ug/L	224255	1	05/21/2016 13:25	NP
1,1-Dichloroethene	BRL	5.0		ug/L	224255	1	05/21/2016 13:25	NP
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	224255	1	05/21/2016 13:25	NP
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	224255	1	05/21/2016 13:25	NP
1,2-Dibromoethane	BRL	5.0		ug/L	224255	1	05/21/2016 13:25	NP
1,2-Dichlorobenzene	BRL	5.0		ug/L	224255	1	05/21/2016 13:25	NP
1,2-Dichloroethane	BRL	5.0		ug/L	224255	1	05/21/2016 13:25	NP
1,2-Dichloropropane	BRL	5.0		ug/L	224255	1	05/21/2016 13:25	NP
1,3-Dichlorobenzene	BRL	5.0		ug/L	224255	1	05/21/2016 13:25	NP
1,4-Dichlorobenzene	BRL	5.0		ug/L	224255	1	05/21/2016 13:25	NP
2-Butanone	BRL	50		ug/L	224255	1	05/21/2016 13:25	NP
2-Hexanone	BRL	10		ug/L	224255	1	05/21/2016 13:25	NP
4-Methyl-2-pentanone	BRL	10		ug/L	224255	1	05/21/2016 13:25	NP
Acetone	BRL	50		ug/L	224255	1	05/21/2016 13:25	NP
Benzene	BRL	5.0		ug/L	224255	1	05/21/2016 13:25	NP
Bromodichloromethane	BRL	5.0		ug/L	224255	1	05/21/2016 13:25	NP
Bromoform	BRL	5.0		ug/L	224255	1	05/21/2016 13:25	NP
Bromomethane	BRL	5.0		ug/L	224255	1	05/21/2016 13:25	NP
Carbon disulfide	BRL	5.0		ug/L	224255	1	05/21/2016 13:25	NP
Carbon tetrachloride	BRL	5.0		ug/L	224255	1	05/21/2016 13:25	NP
Chlorobenzene	BRL	5.0		ug/L	224255	1	05/21/2016 13:25	NP
Chloroethane	BRL	10		ug/L	224255	1	05/21/2016 13:25	NP
Chloroform	BRL	5.0		ug/L	224255	1	05/21/2016 13:25	NP
Chloromethane	BRL	10		ug/L	224255	1	05/21/2016 13:25	NP
cis-1,2-Dichloroethene	BRL	5.0		ug/L	224255	1	05/21/2016 13:25	NP
cis-1,3-Dichloropropene	BRL	5.0		ug/L	224255	1	05/21/2016 13:25	NP
Cyclohexane	BRL	5.0		ug/L	224255	1	05/21/2016 13:25	NP
Dibromochloromethane	BRL	5.0		ug/L	224255	1	05/21/2016 13:25	NP
Dichlorodifluoromethane	BRL	10		ug/L	224255	1	05/21/2016 13:25	NP
Ethylbenzene	BRL	5.0		ug/L	224255	1	05/21/2016 13:25	NP
Freon-113	BRL	10		ug/L	224255	1	05/21/2016 13:25	NP
Isopropylbenzene	BRL	5.0		ug/L	224255	1	05/21/2016 13:25	NP
m,p-Xylene	BRL	5.0		ug/L	224255	1	05/21/2016 13:25	NP
Methyl acetate	BRL	5.0		ug/L	224255	1	05/21/2016 13:25	NP
Methyl tert-butyl ether	BRL	5.0		ug/L	224255	1	05/21/2016 13:25	NP
Methylcyclohexane	BRL	5.0		ug/L	224255	1	05/21/2016 13:25	NP
Methylene chloride	BRL	5.0		ug/L	224255	1	05/21/2016 13:25	NP
o-Xylene	BRL	5.0		ug/L	224255	1	05/21/2016 13:25	NP

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: 31-May-16

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1605G06-035

Client Sample ID: TRIP BLANK #2
Collection Date: 5/19/2016
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	224255	1	05/21/2016 13:25	NP
Tetrachloroethene	BRL	5.0		ug/L	224255	1	05/21/2016 13:25	NP
Toluene	BRL	5.0		ug/L	224255	1	05/21/2016 13:25	NP
trans-1,2-Dichloroethene	BRL	5.0		ug/L	224255	1	05/21/2016 13:25	NP
trans-1,3-Dichloropropene	BRL	5.0		ug/L	224255	1	05/21/2016 13:25	NP
Trichloroethene	BRL	5.0		ug/L	224255	1	05/21/2016 13:25	NP
Trichlorofluoromethane	BRL	5.0		ug/L	224255	1	05/21/2016 13:25	NP
Vinyl chloride	BRL	2.0		ug/L	224255	1	05/21/2016 13:25	NP
Surr: 4-Bromofluorobenzene	94.4	70.7-125		%REC	224255	1	05/21/2016 13:25	NP
Surr: Dibromofluoromethane	97.5	82.2-120		%REC	224255	1	05/21/2016 13:25	NP
Surr: Toluene-d8	97.8	81.8-120		%REC	224255	1	05/21/2016 13:25	NP

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 EPS

Work Order Number 1605606

Checklist completed by Pamela Masoudi 5/19/16
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? ($0^{\circ} \leq 6^{\circ}\text{C}$) * Yes ☒ No ☐

Cooler #1 2.90 Cooler #2 3.10 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_Receipt_Checklist_Rev1.rtf

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Workorder: 1605G06

ANALYTICAL QC SUMMARY REPORT**BatchID: 224255**

Sample ID: MB-224255	Client ID:	Units: ug/L				Prep Date: 05/19/2016	Run No: 317127				
SampleType: MBLK	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 224255				Analysis Date: 05/19/2016	Seq No: 6833249				
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: 1605G06

ANALYTICAL QC SUMMARY REPORT

BatchID: 224255

Sample ID: MB-224255	Client ID:					Units: ug/L	Prep Date: 05/19/2016		Run No: 317127		
SampleType: MBLK	TestCode: TCL VOLATILE ORGANICS	SW8260B				BatchID: 224255	Analysis Date: 05/19/2016		Seq No: 6833249		
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	40.62	0	50.00		81.2	70.7	125				
Surr: Dibromofluoromethane	58.61	0	50.00		117	82.2	120				
Surr: Toluene-d8	51.70	0	50.00		103	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: 1605G06

ANALYTICAL QC SUMMARY REPORT**BatchID: 224255**

Sample ID: LCS-224255	Client ID:					Units: ug/L	Prep Date: 05/19/2016	Run No: 317127			
SampleType: LCS	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 224255	Analysis Date: 05/19/2016	Seq No: 6833248			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	67.18	5.0	50.00		134	65.3	137				
Benzene	55.04	5.0	50.00		110	74.9	123				
Chlorobenzene	58.06	5.0	50.00		116	73.9	124				
Toluene	54.96	5.0	50.00		110	75	124				
Trichloroethene	53.19	5.0	50.00		106	73.1	128				
Surr: 4-Bromofluorobenzene	41.29	0	50.00		82.6	70.7	125				
Surr: Dibromofluoromethane	53.39	0	50.00		107	82.2	120				
Surr: Toluene-d8	49.93	0	50.00		99.9	81.8	120				

Sample ID: 1605F92-004AMS	Client ID:					Units: ug/L	Prep Date: 05/19/2016	Run No: 317127			
SampleType: MS	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 224255	Analysis Date: 05/19/2016	Seq No: 6833254			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	68.07	5.0	50.00		136	60	150				
Benzene	61.95	5.0	50.00		124	70.1	132				
Chlorobenzene	63.61	5.0	50.00		127	70.9	131				
Toluene	60.11	5.0	50.00		120	70.1	133				
Trichloroethene	58.75	5.0	50.00		118	70	136				
Surr: 4-Bromofluorobenzene	41.39	0	50.00		82.8	70.7	125				
Surr: Dibromofluoromethane	56.54	0	50.00		113	82.2	120				
Surr: Toluene-d8	50.91	0	50.00		102	81.8	120				

Sample ID: 1605F92-004AMSD	Client ID:					Units: ug/L	Prep Date: 05/19/2016	Run No: 317127			
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 224255	Analysis Date: 05/19/2016	Seq No: 6833255			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	71.85	5.0	50.00		144	60	150	68.07	5.40	17.7	
Benzene	60.41	5.0	50.00		121	70.1	132	61.95	2.52	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: 1605G06

ANALYTICAL QC SUMMARY REPORT

BatchID: 224255

Sample ID: 1605F92-004AMSD	Client ID:					Units: ug/L	Prep Date: 05/19/2016	Run No: 317127			
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 224255	Analysis Date: 05/19/2016	Seq No: 6833255			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	63.02	5.0	50.00		126	70.9	131	63.61	0.932	20	
Toluene	58.19	5.0	50.00		116	70.1	133	60.11	3.25	20	
Trichloroethene	59.06	5.0	50.00		118	70	136	58.75	0.526	20	
Surr: 4-Bromofluorobenzene	38.78	0	50.00		77.6	70.7	125	41.39	0	0	
Surr: Dibromofluoromethane	56.21	0	50.00		112	82.2	120	56.54	0	0	
Surr: Toluene-d8	50.59	0	50.00		101	81.8	120	50.91	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		

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Workorder: 1605G06

ANALYTICAL QC SUMMARY REPORT

BatchID: 224347

Sample ID: MB-224347	Client ID:	Units: ug/Kg				Prep Date: 05/23/2016	Run No: 317342				
SampleType: MBLK	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 224347				Analysis Date: 05/23/2016	Seq No: 6837915				
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	100									
Benzene	BRL	5.0									
Bromodichloromethane	BRL	5.0									
Bromoform	BRL	5.0									
Bromomethane	BRL	5.0									
Carbon disulfide	BRL	10									
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: 1605G06

ANALYTICAL QC SUMMARY REPORT

BatchID: 224347

Sample ID: MB-224347		Client ID:		Units: ug/Kg		Prep Date: 05/23/2016		Run No: 317342			
SampleType: MBLK		TestCode: TCL VOLATILE ORGANICS SW8260B		BatchID: 224347		Analysis Date: 05/23/2016		Seq No: 6837915			
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	20									
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	10									
Surr: 4-Bromofluorobenzene	40.48	0	50.00		81.0	70	128				
Surr: Dibromofluoromethane	45.53	0	50.00		91.1	78.2	128				
Surr: Toluene-d8	48.85	0	50.00		97.7	76.5	116				

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: 1605G06

ANALYTICAL QC SUMMARY REPORT**BatchID: 224347**

Sample ID: LCS-224347	Client ID:				Units: ug/Kg	Prep Date: 05/23/2016	Run No: 317342				
SampleType: LCS	TestCode: TCL VOLATILE ORGANICS SW8260B				BatchID: 224347	Analysis Date: 05/23/2016	Seq No: 6837914				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	48.79	5.0	50.00		97.6	69.9	145				
Benzene	50.60	5.0	50.00		101	72.3	130				
Chlorobenzene	48.77	5.0	50.00		97.5	69	130				
Toluene	48.73	5.0	50.00		97.5	71.1	130				
Trichloroethene	49.50	5.0	50.00		99.0	71.7	136				
Surr: 4-Bromofluorobenzene	45.47	0	50.00		90.9	70	128				
Surr: Dibromofluoromethane	47.66	0	50.00		95.3	78.2	128				
Surr: Toluene-d8	46.71	0	50.00		93.4	76.5	116				

Sample ID: 1605G06-004AMS	Client ID: 16138-SB-2-10	Units: ug/Kg-dry				Prep Date: 05/23/2016	Run No: 317342				
SampleType: MS	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 224347				Analysis Date: 05/23/2016	Seq No: 6837918				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	60.08	5.9	58.97		102	56.6	151				
Benzene	59.47	5.9	58.97		101	70.4	130				
Chlorobenzene	59.17	5.9	58.97		100	67.5	132				
Toluene	60.00	5.9	58.97		102	70.4	130				
Trichloroethene	58.59	5.9	58.97		99.4	70.1	137				
Surr: 4-Bromofluorobenzene	52.61	0	58.97		89.2	70	128				
Surr: Dibromofluoromethane	53.29	0	58.97		90.4	78.2	128				
Surr: Toluene-d8	55.96	0	58.97		94.9	76.5	116				

Sample ID: 1605G06-004AMSD	Client ID: 16138-SB-2-10	Units: ug/Kg-dry			Prep Date: 05/23/2016	Run No: 317342					
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 224347			Analysis Date: 05/23/2016	Seq No: 6837919					
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	59.84	5.9	58.97		101	56.6	151	60.08	0.393	20.4	
Benzene	61.75	5.9	58.97		105	70.4	130	59.47	3.76	16.9	

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: 1605G06

ANALYTICAL QC SUMMARY REPORT

BatchID: 224347

Sample ID: 1605G06-004AMSD	Client ID: 16138-SB-2-10	Units: ug/Kg-dry	Prep Date: 05/23/2016	Run No: 317342							
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 224347	Analysis Date: 05/23/2016	Seq No: 6837919							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Chlorobenzene	60.57	5.9	58.97		103	67.5	132	59.17	2.34	14.6	
Toluene	60.62	5.9	58.97		103	70.4	130	60.00	1.02	16.6	
Trichloroethene	60.45	5.9	58.97		103	70.1	137	58.59	3.13	17	
Surr: 4-Bromofluorobenzene	52.01	0	58.97		88.2	70	128	52.61	0	0	
Surr: Dibromofluoromethane	53.42	0	58.97		90.6	78.2	128	53.29	0	0	
Surr: Toluene-d8	55.92	0	58.97		94.8	76.5	116	55.96	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		

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Workorder: 1605G06

ANALYTICAL QC SUMMARY REPORT

BatchID: 224356

Sample ID: MB-224356	Client ID:	Units: ug/Kg				Prep Date: 05/23/2016	Run No: 317368				
SampleType: MBLK	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 224356				Analysis Date: 05/23/2016	Seq No: 6837328				
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	250
1,1,2,2-Tetrachloroethane	BRL	250
1,1,2-Trichloroethane	BRL	250
1,1-Dichloroethane	BRL	250
1,1-Dichloroethene	BRL	250
1,2,4-Trichlorobenzene	BRL	250
1,2-Dibromo-3-chloropropane	BRL	250
1,2-Dibromoethane	BRL	250
1,2-Dichlorobenzene	BRL	250
1,2-Dichloroethane	BRL	250
1,2-Dichloropropane	BRL	250
1,3-Dichlorobenzene	BRL	250
1,4-Dichlorobenzene	BRL	250
2-Butanone	BRL	2500
2-Hexanone	BRL	500
4-Methyl-2-pentanone	BRL	500
Acetone	BRL	5000
Benzene	BRL	250
Bromodichloromethane	BRL	250
Bromoform	BRL	250
Bromomethane	BRL	250
Carbon disulfide	BRL	500
Carbon tetrachloride	BRL	250
Chlorobenzene	BRL	250
Chloroethane	BRL	500
Chloroform	BRL	250
Chloromethane	BRL	500

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: 1605G06

ANALYTICAL QC SUMMARY REPORT

BatchID: 224356

Sample ID: MB-224356		Client ID:				Units: ug/Kg		Prep Date: 05/23/2016		Run No: 317368	
SampleType: MBLK		TestCode: TCL VOLATILE ORGANICS SW8260B				BatchID: 224356		Analysis Date: 05/23/2016		Seq No: 6837328	
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	250									
cis-1,3-Dichloropropene	BRL	250									
Cyclohexane	BRL	250									
Dibromochloromethane	BRL	250									
Dichlorodifluoromethane	BRL	500									
Ethylbenzene	BRL	250									
Freon-113	BRL	500									
Isopropylbenzene	BRL	250									
m,p-Xylene	BRL	250									
Methyl acetate	BRL	250									
Methyl tert-butyl ether	BRL	250									
Methylcyclohexane	BRL	250									
Methylene chloride	BRL	1000									
o-Xylene	BRL	250									
Styrene	BRL	250									
Tetrachloroethene	BRL	250									
Toluene	BRL	250									
trans-1,2-Dichloroethene	BRL	250									
trans-1,3-Dichloropropene	BRL	250									
Trichloroethene	BRL	250									
Trichlorofluoromethane	BRL	250									
Vinyl chloride	BRL	500									
Surr: 4-Bromofluorobenzene	2352	0	2500		94.1	70	128				
Surr: Dibromofluoromethane	2486	0	2500		99.4	78.2	128				
Surr: Toluene-d8	2523	0	2500		101	76.5	116				

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: 1605G06

ANALYTICAL QC SUMMARY REPORT**BatchID: 224356**

Sample ID: LCS-224356	Client ID:				Units: ug/Kg	Prep Date: 05/23/2016	Run No: 317368				
SampleType: LCS	TestCode: TCL VOLATILE ORGANICS SW8260B				BatchID: 224356	Analysis Date: 05/23/2016	Seq No: 6837326				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	2727	250	2500		109	69.9	145				
Benzene	2548	250	2500		102	72.3	130				
Chlorobenzene	2505	250	2500		100	69	130				
Toluene	2732	250	2500		109	71.1	130				
Trichloroethene	2516	250	2500		101	71.7	136				
Surr: 4-Bromofluorobenzene	2401	0	2500		96.0	70	128				
Surr: Dibromofluoromethane	2474	0	2500		99.0	78.2	128				
Surr: Toluene-d8	2606	0	2500		104	76.5	116				

Sample ID: 1605G09-001AMS	Client ID:					Units: ug/Kg-dry	Prep Date: 05/23/2016	Run No: 317368			
SampleType: MS	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 224356	Analysis Date: 05/23/2016	Seq No: 6837335			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	3886	430	4264		91.1	56.6	151				
Benzene	3632	430	4264		85.2	70.4	130				
Chlorobenzene	3647	430	4264		85.5	67.5	132				
Toluene	3654	430	4264		85.7	70.4	130				
Trichloroethene	4529	430	4264	874.1	85.7	70.1	137				
Surr: 4-Bromofluorobenzene	4103	0	4264		96.2	70	128				
Surr: Dibromofluoromethane	4087	0	4264		95.8	78.2	128				
Surr: Toluene-d8	4092	0	4264		96.0	76.5	116				

Sample ID: 1605G09-001AMSD	Client ID:					Units: ug/Kg-dry	Prep Date: 05/23/2016	Run No: 317368			
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 224356	Analysis Date: 05/23/2016	Seq No: 6837336			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	3790	430	4264		88.9	56.6	151	3886	2.51	20.4	
Benzene	3907	430	4264		91.6	70.4	130	3632	7.29	16.9	

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: 1605G06

ANALYTICAL QC SUMMARY REPORT

BatchID: 224356

Sample ID: 1605G09-001AMSD	Client ID:					Units: ug/Kg-dry	Prep Date: 05/23/2016	Run No: 317368			
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 224356	Analysis Date: 05/23/2016	Seq No: 6837336			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	3668	430	4264		86.0	67.5	132	3647	0.583	14.6	
Toluene	3957	430	4264		92.8	70.4	130	3654	7.96	16.6	
Trichloroethene	4587	430	4264	874.1	87.1	70.1	137	4529	1.27	17	
Surr: 4-Bromofluorobenzene	4065	0	4264		95.3	70	128	4103	0	0	
Surr: Dibromofluoromethane	4270	0	4264		100	78.2	128	4087	0	0	
Surr: Toluene-d8	4426	0	4264		104	76.5	116	4092	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		

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Workorder: 1605G06

ANALYTICAL QC SUMMARY REPORT

BatchID: 224367

Sample ID: MB-224367	Client ID:	Units: ug/Kg				Prep Date: 05/23/2016	Run No: 317384				
SampleType: MBLK	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 224367				Analysis Date: 05/23/2016	Seq No: 6838333				
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	100
Benzene	BRL	5.0
Bromodichloromethane	BRL	5.0
Bromoform	BRL	5.0
Bromomethane	BRL	5.0
Carbon disulfide	BRL	10
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: 1605G06

ANALYTICAL QC SUMMARY REPORT

BatchID: 224367

Sample ID: MB-224367		Client ID:		Units: ug/Kg		Prep Date: 05/23/2016		Run No: 317384			
SampleType: MBLK		TestCode: TCL VOLATILE ORGANICS SW8260B		BatchID: 224367		Analysis Date: 05/23/2016		Seq No: 6838333			
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	20									
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	10									
Surr: 4-Bromofluorobenzene	46.03	0	50.00		92.1	70	128				
Surr: Dibromofluoromethane	49.06	0	50.00		98.1	78.2	128				
Surr: Toluene-d8	47.71	0	50.00		95.4	76.5	116				

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: 1605G06

ANALYTICAL QC SUMMARY REPORT**BatchID: 224367**

Sample ID: LCS-224367	Client ID:				Units: ug/Kg	Prep Date: 05/23/2016	Run No: 317384				
SampleType: LCS	TestCode: TCL VOLATILE ORGANICS SW8260B				BatchID: 224367	Analysis Date: 05/23/2016	Seq No: 6838334				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	53.12	5.0	50.00		106	69.9	145				
Benzene	50.79	5.0	50.00		102	72.3	130				
Chlorobenzene	49.63	5.0	50.00		99.3	69	130				
Toluene	48.68	5.0	50.00		97.4	71.1	130				
Trichloroethene	47.21	5.0	50.00		94.4	71.7	136				
Surr: 4-Bromofluorobenzene	43.94	0	50.00		87.9	70	128				
Surr: Dibromofluoromethane	46.10	0	50.00		92.2	78.2	128				
Surr: Toluene-d8	46.13	0	50.00		92.3	76.5	116				

Sample ID: 1605H28-001AMS	Client ID:					Units: ug/Kg-dry	Prep Date: 05/23/2016	Run No: 317384			
SampleType: MS	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 224367	Analysis Date: 05/24/2016	Seq No: 6838357			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	56.55	6.1	61.08		92.6	56.6	151				
Benzene	57.89	6.1	61.08		94.8	70.4	130				
Chlorobenzene	51.68	6.1	61.08		84.6	67.5	132				
Toluene	50.95	6.1	61.08		83.4	70.4	130				
Trichloroethene	51.70	6.1	61.08		84.6	70.1	137				
Surr: 4-Bromofluorobenzene	57.83	0	61.08		94.7	70	128				
Surr: Dibromofluoromethane	58.94	0	61.08		96.5	78.2	128				
Surr: Toluene-d8	56.21	0	61.08		92.0	76.5	116				

Sample ID: 1605H28-001AMSD	Client ID:					Units: ug/Kg-dry	Prep Date: 05/23/2016	Run No: 317384			
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 224367	Analysis Date: 05/24/2016	Seq No: 6838358			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	50.69	6.1	61.08		83.0	56.6	151	56.55	10.9	20.4	
Benzene	55.87	6.1	61.08		91.5	70.4	130	57.89	3.57	16.9	

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: 1605G06

ANALYTICAL QC SUMMARY REPORT

BatchID: 224367

Sample ID: 1605H28-001AMSD	Client ID:	Units: ug/Kg-dry	Prep Date: 05/23/2016	Run No: 317384							
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 224367	Analysis Date: 05/24/2016	Seq No: 6838358							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Chlorobenzene	53.03	6.1	61.08		86.8	67.5	132	51.68	2.59	14.6	
Toluene	52.63	6.1	61.08		86.2	70.4	130	50.95	3.23	16.6	
Trichloroethene	49.46	6.1	61.08		81.0	70.1	137	51.70	4.42	17	
Surr: 4-Bromofluorobenzene	53.85	0	61.08		88.2	70	128	57.83	0	0	
Surr: Dibromofluoromethane	53.96	0	61.08		88.3	78.2	128	58.94	0	0	
Surr: Toluene-d8	57.37	0	61.08		93.9	76.5	116	56.21	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		

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Workorder: 1605G06

ANALYTICAL QC SUMMARY REPORT**BatchID: 224381**

Sample ID: MB-224381	Client ID:					Units: mg/L	Prep Date: 05/23/2016	Run No: 317340			
SampleType: MBLK	TestCode: VOLATILES, TCLP SW1311/8260B					BatchID: 224381	Analysis Date: 05/23/2016	Seq No: 6837847			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	BRL	0.10									
1,2-Dichloroethane	BRL	0.10									
2-Butanone	BRL	0.20									
Benzene	BRL	0.10									
Carbon tetrachloride	BRL	0.10									
Chlorobenzene	BRL	0.10									
Chloroform	BRL	0.10									
Tetrachloroethene	BRL	0.10									
Trichloroethene	BRL	0.10									
Vinyl chloride	BRL	0.040									
Surr: 4-Bromofluorobenzene	0.9720	0	1.000		97.2	64	125				
Surr: Dibromofluoromethane	1.005	0	1.000		100	73.7	128				
Surr: Toluene-d8	0.9680	0	1.000		96.8	78.9	120				

Sample ID: LCS-224381	Client ID:					Units: mg/L	Prep Date: 05/23/2016	Run No: 317340			
SampleType: LCS	TestCode: VOLATILES, TCLP SW1311/8260B					BatchID: 224381	Analysis Date: 05/23/2016	Seq No: 6837844			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	0.9220	0.10	1.000		92.2	58	134				
1,2-Dichloroethane	1.080	0.10	1.000		108	65	133				
2-Butanone	2.632	0.20	2.000		132	47.2	141				
Benzene	1.034	0.10	1.000		103	74.1	126				
Carbon tetrachloride	0.9894	0.10	1.000		98.9	68.7	145				
Chlorobenzene	0.9966	0.10	1.000		99.7	77.6	124				
Chloroform	1.066	0.10	1.000		107	66.9	123				
Tetrachloroethene	0.9724	0.10	1.000		97.2	72.7	134				
Trichloroethene	0.9710	0.10	1.000		97.1	77.1	129				
Vinyl chloride	0.7962	0.040	1.000		79.6	54.3	136				

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: 1605G06

ANALYTICAL QC SUMMARY REPORT**BatchID: 224381**

Sample ID: LCS-224381	Client ID:					Units: mg/L	Prep Date: 05/23/2016	Run No: 317340			
SampleType: LCS	TestCode: VOLATILES, TCLP SW1311/8260B					BatchID: 224381	Analysis Date: 05/23/2016	Seq No: 6837844			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Surr: 4-Bromofluorobenzene	0.9814	0	1.000		98.1	64	125				
Surr: Dibromofluoromethane	0.9992	0	1.000		99.9	73.7	128				
Surr: Toluene-d8	1.003	0	1.000		100	78.9	120				

Sample ID: 1605E48-001AMS	Client ID:					Units: mg/L	Prep Date: 05/23/2016	Run No: 317340			
SampleType: MS	TestCode: VOLATILES, TCLP SW1311/8260B					BatchID: 224381	Analysis Date: 05/23/2016	Seq No: 6837849			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	1.052	0.10	1.000		105	62.5	139				
1,2-Dichloroethane	1.037	0.10	1.000		104	65.4	135				
2-Butanone	2.000	0.20	2.000		100.0	50.4	144				
Benzene	1.104	0.10	1.000		110	71.3	134				
Carbon tetrachloride	1.155	0.10	1.000		116	70.7	143				
Chlorobenzene	1.035	0.10	1.000		104	74.5	129				
Chloroform	1.046	0.10	1.000		105	64.4	131				
Tetrachloroethene	1.100	0.10	1.000		110	75.1	136				
Trichloroethene	1.041	0.10	1.000		104	75.3	137				
Vinyl chloride	0.9106	0.040	1.000		91.1	50.1	143				
Surr: 4-Bromofluorobenzene	0.9804	0	1.000		98.0	64	125				
Surr: Dibromofluoromethane	1.000	0	1.000		100	73.7	128				
Surr: Toluene-d8	0.9812	0	1.000		98.1	78.9	120				

Sample ID: 1605E48-001ADUP	Client ID:					Units: mg/L	Prep Date: 05/23/2016	Run No: 317340			
SampleType: DUP	TestCode: VOLATILES, TCLP SW1311/8260B					BatchID: 224381	Analysis Date: 05/23/2016	Seq No: 6837850			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	BRL	0.10						0	0	30	
1,2-Dichloroethane	BRL	0.10						0	0	30	

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: 1605G06

ANALYTICAL QC SUMMARY REPORT

BatchID: 224381

Sample ID: 1605E48-001ADUP		Client ID:				Units: mg/L		Prep Date: 05/23/2016		Run No: 317340	
SampleType: DUP		TestCode: VOLATILES, TCLP SW1311/8260B				BatchID: 224381		Analysis Date: 05/23/2016		Seq No: 6837850	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
2-Butanone	BRL	0.20						0	0	30	
Benzene	BRL	0.10						0	0	30	
Carbon tetrachloride	BRL	0.10						0	0	30	
Chlorobenzene	BRL	0.10						0	0	30	
Chloroform	BRL	0.10						0	0	30	
Tetrachloroethene	BRL	0.10						0	0	30	
Trichloroethene	BRL	0.10						0	0	30	
Vinyl chloride	BRL	0.040						0	0	30	
Surr: 4-Bromofluorobenzene	0.9644	0	1.000		96.4	64	125	0.9774	0	0	
Surr: Dibromofluoromethane	1.023	0	1.000		102	73.7	128	1.047	0	0	
Surr: Toluene-d8	0.9532	0	1.000		95.3	78.9	120	0.9418	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		

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Workorder: 1605G06

ANALYTICAL QC SUMMARY REPORT**BatchID: 224383**

Sample ID: MB-224383	Client ID:					Units: mg/L	Prep Date: 05/24/2016	Run No: 317441			
SampleType: MBLK	TestCode: ICP METALS, TCLP SW1311/6010C					BatchID: 224383	Analysis Date: 05/24/2016	Seq No: 6840061			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic BRL 0.250
 Barium BRL 0.500
 Cadmium BRL 0.0250
 Chromium BRL 0.0500
 Lead BRL 0.0500
 Selenium BRL 0.100
 Silver BRL 0.0250

Sample ID: LCS-224383	Client ID:					Units: mg/L	Prep Date: 05/24/2016	Run No: 317441			
SampleType: LCS	TestCode: ICP METALS, TCLP SW1311/6010C					BatchID: 224383	Analysis Date: 05/24/2016	Seq No: 6840062			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic 4.978 0.250 5.000 99.6 80 120
 Barium 4.687 0.500 5.000 0.01035 93.5 80 120
 Cadmium 4.953 0.0250 5.000 99.1 80 120
 Chromium 4.740 0.0500 5.000 0.003350 94.7 80 120
 Lead 4.581 0.0500 5.000 91.6 80 120
 Selenium 5.113 0.100 5.000 0.03675 102 80 120
 Silver 0.4858 0.0250 0.5000 97.2 80 120

Sample ID: 1605H47-001BMS	Client ID:					Units: mg/L	Prep Date: 05/24/2016	Run No: 317441			
SampleType: MS	TestCode: ICP METALS, TCLP SW1311/6010C					BatchID: 224383	Analysis Date: 05/24/2016	Seq No: 6840064			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic 5.005 0.250 5.000 0.06175 98.9 50 150
 Barium 5.104 0.500 5.000 0.5899 90.3 50 150
 Cadmium 4.864 0.0250 5.000 0.005500 97.2 50 150
 Chromium 4.644 0.0500 5.000 0.01275 92.6 50 150

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: 1605G06

ANALYTICAL QC SUMMARY REPORT

BatchID: 224383

Sample ID: 1605H47-001BMS	Client ID:				Units: mg/L	Prep Date: 05/24/2016	Run No: 317441				
SampleType: MS	TestCode: ICP METALS, TCLP SW1311/6010C				BatchID: 224383	Analysis Date: 05/24/2016	Seq No: 6840064				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Lead	4.455	0.0500	5.000		89.1	50	150				
Selenium	5.092	0.100	5.000	0.04100	101	50	150				
Silver	0.4800	0.0250	0.5000		96.0	50	150				

Sample ID: 1605H47-001BMSD	Client ID:					Units: mg/L	Prep Date: 05/24/2016	Run No: 317441			
SampleType: MSD	TestCode: ICP METALS, TCLP SW1311/6010C					BatchID: 224383	Analysis Date: 05/24/2016	Seq No: 6840065			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic	5.014	0.250	5.000	0.06175	99.0	50	150	5.005	0.173	30	
Barium	5.153	0.500	5.000	0.5899	91.3	50	150	5.104	0.955	30	
Cadmium	4.934	0.0250	5.000	0.005500	98.6	50	150	4.864	1.43	30	
Chromium	4.702	0.0500	5.000	0.01275	93.8	50	150	4.644	1.24	30	
Lead	4.501	0.0500	5.000		90.0	50	150	4.455	1.01	30	
Selenium	5.177	0.100	5.000	0.04100	103	50	150	5.092	1.67	30	
Silver	0.4874	0.0250	0.5000		97.5	50	150	0.4800	1.53	30	

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Workorder: 1605G06

ANALYTICAL QC SUMMARY REPORT**BatchID: 224445**

Sample ID: MB-224445	Client ID:					Units: mg/L	Prep Date: 05/25/2016	Run No: 317561			
SampleType: MBLK	TestCode: MERCURY, TCLP SW1311/7470A					BatchID: 224445	Analysis Date: 05/25/2016	Seq No: 6842468			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Mercury BRL 0.00400

Sample ID: LCS-224445		Client ID:				Units: mg/L		Prep Date: 05/25/2016		Run No: 317561	
SampleType: LCS		TestCode: MERCURY, TCLP SW1311/7470A				BatchID: 224445		Analysis Date: 05/25/2016		Seq No: 6842469	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Mercury 0.03746 0.00400 0.0400 93.7 80 120

Sample ID: 1605G06-033BMS	Client ID: 16140-TCLP	Units: mg/L				Prep Date: 05/25/2016	Run No: 317561				
SampleType: MS	TestCode: MERCURY, TCLP SW1311/7470A	BatchID: 224445				Analysis Date: 05/25/2016	Seq No: 6842471				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Mercury 0.03845 0.00400 0.0400 96.1 80 120

Sample ID: 1605G06-033BMSD	Client ID: 16140-TCLP	Units: mg/L				Prep Date: 05/25/2016	Run No: 317561				
SampleType: MSD	TestCode: MERCURY, TCLP SW1311/7470A	BatchID: 224445				Analysis Date: 05/25/2016	Seq No: 6842472				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Mercury 0.03835 0.00400 0.0400 95.9 80 120 0.03845 0.268 20

Qualifiers: > Greater than Result value

BRL Below reporting limit

J Estimated value detected below Reporting Limit

Rpt Lim Reporting Limit

< Less than Result value

E Estimated (value above quantitation range)

N Analyte not NELAC certified

S Spike Recovery outside limits due to matrix

B Analyte detected in the associated method blank

H Holding times for preparation or analysis exceeded

R RPD outside limits due to matrix



ANALYTICAL ENVIRONMENTAL SERVICES, INC.

July 31, 2017

Aaron Williams
Environmental Planning Specialists, Inc.

1050 Crown Pointe Parkway
Atlanta GA 30338

RE: Grantville - Mill

Dear Aaron Williams:

Order No: 1706K29

Analytical Environmental Services, Inc. received 29 samples on 6/21/2017 3:55:00 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 07/01/17-06/30/18.

State of Georgia, Department of Natural Resources ID #800 for analysis of Drinking Water Metals, effective 07/01/17-06/30/18 and Total Coliforms and E. coli, effective 04/25/17-04/24/20.

-NELAC/Louisiana Agency Interest No. 100818 for or analysis of Non-Potable Water and Solid & Chemical Materials, effective 07/01/17-06/30/18.

-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.

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,

Chris Pafford
Project Manager



ANALYTICAL ENVIRONMENTAL SERVICES, INC.

3080 Presidential Drive Atlanta, GA 30340-3704

Phone: (770) 457-8177 / Toll-Free: (800) 972-4889 / Fax: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 1700K29

Date: 6-21-17 Page 1 of 4

COMPANY: ERS Inc.		ADDRESS: 1050 Crown Pointe Pkwy, Ste. 550 Atlanta, GA 30338		ANALYSIS REQUESTED										Visit our website www.aesatlanta.com for downloadable COCs and to log in to your AESAccess account.		Number of Containers																	
PHONE: 404 315 9113		EMAIL:		Arsenic <table border="1" style="width: 100%; height: 100px;"> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table>																													
SAMPLED BY: Alex Testaff Cameron Lee		SIGNATURE: <i>[Signature]</i>		PRESERVATION (see codes)										REMARKS																			
#	SAMPLE ID	DATE	TIME	GRAB	COMPOSITE	MATRIX (see codes)	I																										
1	17172-S-13-0.5	6-21-17	0934	X		So	X												Hold	1													
2	17172-S-13-1		0936	X		So	X												Hold	1													
3	17172-S-13-1.5		0940	X			X												Hold	1													
4	17172-S-8-0.5		0948	X			X												Hold	1													
5	17172-S-8-1		0951	X			X												Hold	1													
6	17172-S-8-2		1000	X			X												Hold	1													
7	17172-S-7-0.5		0938	X			X												Hold	1													
8	17172-S-7-1		0948	X			X												Hold	1													
9	17172-S-7-2		0954	X			X												Hold	1													
10	17172-S-15-0.5		1010	X			X												Hold	1													
11	17172-S-15-1		1012	X			X												Hold	1													
12	17172-S-15-2		1017	X			X												Hold	1													
13	17172-S-14-0.5		1015	X			X												Hold	1													
14	17172-S-14-1	6-21-17	1017	X		SS	X												Hold	1													
RELINQUISHED BY: <i>[Signature]</i>		DATE/TIME: 6-21-17 1555		RECEIVED BY: <i>[Signature]</i>		DATE/TIME: 6/21/17 3:55pm		PROJECT INFORMATION										RECEIPT															
1. <i>[Signature]</i>				1. <i>[Signature]</i>				PROJECT NAME: Grantville Mill										Total # of Containers 14															
2.				2.				PROJECT #:										Turnaround Time (TAT) Request															
3.				3.				SITE ADDRESS: Grantville, GA										☒ Standard 5 Business Days ☐ 2 Business Day Rush ☐ Next Business Day Rush ☐ Same-Day Rush (auth req.) ☐ Other _____															
SPECIAL INSTRUCTIONS/COMMENTS: Hold samples, see remarks call Aaron Williams if needed		SHIPMENT METHOD		OUT: / / VIA:		IN: / / VIA:		SEND REPORT TO: awilliams@enuplaning.com										STATE PROGRAM (if any): _____															
		client FedEx UPS US mail courier Greyhound		other: _____				INVOICE TO: (IF DIFFERENT FROM ABOVE)										E-mail? ☐ Fax? ☐															
								QUOTE #: _____ PO#: _____										DATA PACKAGE: ☐ I ☐ II ☐ III ☐ IV ☐															

Submission of samples to the laboratory constitutes acceptance of AES's Terms & Conditions. Samples received after 3PM or on Saturday are considered as received the following business day. If no TAT is marked on COC, AES will proceed with standard TAT.
 Samples are disposed of 30 days after completion of report unless other arrangements are made.

Matrix Codes: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water WW = Waste Water W = Water (Blanks) DW = Drinking Water (Blanks) O = Other (specify)

Preservative Codes: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

White Copy - Original; Yellow Copy - Client



AES

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

3080 Presidential Drive Atlanta, GA 30340-3704

Phone: (770) 457-8177 / Toll-Free: (800) 972-4889 / Fax: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 1700K29

Date: 6-21-17 Page 2 of 4

COMPANY: EPS Inc.		ADDRESS: 1050 Crown Pointe Pkwy, Ste. 530 Atlanta, GA 30338		ANALYSIS REQUESTED										Visit our website www.aesatlanta.com for downloadable COCs and to log in to your AESAccess account.		Number of Containers																			
PHONE: 404 315 9113		EMAIL:		Asenic <table border="1" style="width:100%; height: 100px;"> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table>																															
SAMPLED BY: Alex Testoff Cameron Lee		SIGNATURE: <i>[Signature]</i>		PRESERVATION (see codes) <table border="1" style="width:100%; height: 100px;"> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table>																														REMARKS	
#	SAMPLE ID	DATE	TIME	GRAB	COMPOSITE	MATRIX (see codes)																													
1	17172-S-14-2	6-21-17	1024	X		S	X													Hold	1														
2	17172-S-16-0.5		1030	X			X													Hold	1														
3	17172-S-16-1		1033	X			X													Hold	1														
4	17172-S-16-3		1041	X			X													Hold	1														
5	17172-S-19-0.5		1033	X			X													Hold	1														
6	17172-S-19-1		1035	X			X													Hold	1														
7	17172-S-19-3		1045	X			X													Hold	1														
8	17172-S-12-0.5		1052	X			X													Hold	1														
9	17172-S-12-1		1054	X			X													Hold	1														
10	17172-S-12-3		1104	X			X													Hold	1														
11	17172-S-9-0.5		1055	X			X													Hold	1														
12	17172-S-9-1		1058	X			X													Hold	1														
13	17172-S-9-3		1107	X			X													Hold	1														
14	17172-S-21-0.5	6-21-17	1110	X		S	X													Hold	1														

RELINQUISHED BY: <i>[Signature]</i>		DATE/TIME: 6-21-17 1555		RECEIVED BY: <i>[Signature]</i>		DATE/TIME: 6/21/17 3:55pm	
1.				1.		PROJECT NAME: Grantville Moll	
2.				2.		PROJECT #:	
3.				3.		SITE ADDRESS: Grantville, GA	
SPECIAL INSTRUCTIONS/COMMENTS: Hold some samples, see remarks call Aaron Williams if needed		SHIPMENT METHOD OUT: / / VIA: / / IN: ☒ client ☐ FedEx ☐ UPS ☐ US mail ☐ courier ☐ Greyhound other: _____		SEND REPORT TO: awilliams@envplanning.com		INVOICE TO: (IF DIFFERENT FROM ABOVE)	
				QUOTE #: _____ PO#: _____			
						RECEIPT Total # of Containers: 14 Turnaround Time (TAT) Request ☒ Standard 5 Business Days ☐ 2 Business Day Rush ☐ Next Business Day Rush ☐ Same-Day Rush (auth req.) ☐ Other _____	
						STATE PROGRAM (if any): _____ E-mail? ☐ Fax? ☐ DATA PACKAGE: I ☐ II ☐ III ☐ IV ☐	

Submission of samples to the laboratory constitutes acceptance of AES's Terms & Conditions. Samples received after 3PM or on Saturday are considered as received the following business day. If no TAT is marked on COC, AES will proceed with standard TAT. Samples are disposed of 30 days after completion of report unless other arrangements are made.

Matrix Codes: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water WW = Waste Water W = Water (Blanks) DW = Drinking Water (Blanks) O = Other (specify)

Preservative Codes: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

White Copy - Original; Yellow Copy - Client



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

Work Order: 1706H29

Date: 6-21-17 Page 3 of 4

COMPANY: EPS Inc.		ADDRESS: 1050 Crown Pointe 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:		Arsenic																
SAMPLED BY: Alex Testoff Cameron Lee		SIGNATURE: <i>[Signature]</i>																		
#	SAMPLE ID	SAMPLED		Grab	Composite	Matrix (See codes)	PRESERVATION (See codes)										REMARKS			
		DATE	TIME																	
1	17172-S-21-1	6-21-17	1112	X		So	X										Hold	1		
2	17172-S-21-3		1120	X			X										Hold	1		
3	17172-S-11-0.5		1116	X			X										Hold	1		
4	17172-S-11-1		1118	X			X										Hold	1		
5	17172-S-11-2.5		1129	X			X										Hold	1		
6	17172-S-20-0.5		1128	X			X											1		
7	17172-S-20-1		1130	X			X											1		
8	17172-S-20-3		1139	X			X											1		
9	17172-S-10-0.5		1132	X			X										Hold	1		
10	17172-S-10-1		1134	X			X										Hold	1		
11	17172-S-10-3		1142	X			X										Hold	1		
12	17172-S-18-0.5		1144	X			X											1		
13	17172-S-18-1		1146	X			X											1		
14	17172-S-18-3	6-21-17	1156	X		So	X											1		
RELINQUISHED BY		DATE/TIME	RECEIVED BY		DATE/TIME		PROJECT INFORMATION										RECEIPT		No # of Containers	
1: Alex Testoff		6-21-17 1555	1: [Signature]		6/21/17 3:55		PROJECT NAME: Grantville Mill										Total # of Containers			14
2:			2:				PROJECT #:													
3:			3:				SITE ADDRESS: Grantville, GA													
							SEND REPORT TO: awilliams@envplaninc.com													
SPECIAL INSTRUCTIONS/COMMENTS:		SHIPMENT METHOD		INVOICE TO:		QUOTE #:		PO#:		STATE PROGRAM (if any):		E-mail? Y/N; Fax? Y/N		DATA PACKAGE: I II III IV						
Hold some samples see remarks, Call Aaron Williams		OUT / / VIA: IN [Signature] VIA: CLIENT FedEx UPS MAIL COURIER GREYHOUND OTHER		INVOICE TO: (IF DIFFERENT FROM ABOVE)		QUOTE #:		PO#:		STATE PROGRAM (if any):		E-mail? Y/N; Fax? Y/N		DATA PACKAGE: I II III IV						
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.																				

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) DW = Drinking Water (Blanks) O = Other (specify) WW = Waste Water
PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

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Work Order: 1706K20

Date: 6-21-17 Page 4 of 4

Matrix Codes: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water WW = Waste Water W = Water (Blanks) DW = Drinking Water (Blanks) O = Other (specify)
Preservative Codes: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

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Page 5 of 40

Client: Environmental Planning Specialists, Inc.
Project: Grantville - Mill
Lab ID: 1706K29

Case Narrative

Sample Receiving Nonconformance:

Sample information on the Chain of Custody (COC) did not match that on the sample bottle labels. Sample 1706K29-008 A listed as collected 09:48 on the COC was labeled 09:40. The sample was logged in using the information on the COC.

At the request of Aaron Willilams via email 06-29-17 samples 1A, 2A, 3A, 13A, 14A and 15A were taken off hold and analyzed for Arsenic by method 6010B.

At the request of Aaron Williams via email 07-10-17 samples 7A, 8A, 9A, 10A, 11A and 12A were taken off hold and analyzed for Arsenic by method 6010B.

At the request of Aaron Williams via email 07-14-17 samples 4A,5A, 6A, 16A, 17A and 18A were taken off hold and analyzed for Arsenic by method 6010B as a next day rush due 7-17-17.

Analytical Environmental Services, Inc**Date:** 17-Jul-17

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville - Mill
Lab ID: 1706K29-001

Client Sample ID: 17172-S-13-0.5
Collection Date: 6/21/2017 9:34:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	BRL	4.40		mg/Kg-dry	244900	1	07/03/2017 11:47	IO
PERCENT MOISTURE D2216								
Percent Moisture	10.9	0		wt%	R346679	1	06/30/2017 13:00	VH

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:** 17-Jul-17

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville - Mill
Lab ID: 1706K29-002

Client Sample ID: 17172-S-13-1
Collection Date: 6/21/2017 9:36:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	13.5	4.46		mg/Kg-dry	244900	1	07/03/2017 12:11	IO
PERCENT MOISTURE D2216								
Percent Moisture	14.8	0		wt%	R346679	1	06/30/2017 13:00	VH

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:** 17-Jul-17

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville - Mill
Lab ID: 1706K29-003

Client Sample ID: 17172-S-13-1.5
Collection Date: 6/21/2017 9:40:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	5.71	3.98		mg/Kg-dry	244900	1	07/03/2017 12:14	IO
PERCENT MOISTURE D2216								
Percent Moisture	11.0	0		wt%	R346679	1	06/30/2017 13:00	VH

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:** 17-Jul-17

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville - Mill
Lab ID: 1706K29-004

Client Sample ID: 17172-S-8-0.5
Collection Date: 6/21/2017 9:48:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	BRL	3.84		mg/Kg-dry	245518	1	07/17/2017 11:14	IO
PERCENT MOISTURE D2216								
Percent Moisture	10.4	0		wt%	R347701	1	07/17/2017 08:00	JC

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:** 17-Jul-17

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville - Mill
Lab ID: 1706K29-005

Client Sample ID: 17172-S-8-1
Collection Date: 6/21/2017 9:51:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	45.5	4.19		mg/Kg-dry	245518	1	07/17/2017 11:42	IO
PERCENT MOISTURE D2216								
Percent Moisture	12.1	0		wt%	R347701	1	07/17/2017 08:00	JC

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:** 17-Jul-17

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville - Mill
Lab ID: 1706K29-006

Client Sample ID: 17172-S-8-2
Collection Date: 6/21/2017 10:00:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	29.9	4.85		mg/Kg-dry	245518	1	07/17/2017 11:46	IO
PERCENT MOISTURE D2216								
Percent Moisture	25.8	0		wt%	R347701	1	07/17/2017 08:00	JC

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:** 17-Jul-17

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville - Mill
Lab ID: 1706K29-007

Client Sample ID: 17172-S-7-0.5
Collection Date: 6/21/2017 9:38:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	22.2	3.81		mg/Kg-dry	245121	1	07/11/2017 16:22	IO
PERCENT MOISTURE D2216								
Percent Moisture	10.6	0		wt%	R347358	1	07/11/2017 13:00	VH

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:** 17-Jul-17

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville - Mill
Lab ID: 1706K29-008

Client Sample ID: 17172-S-7-1
Collection Date: 6/21/2017 9:48:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	26.2	3.99		mg/Kg-dry	245121	1	07/11/2017 16:27	IO
PERCENT MOISTURE D2216								
Percent Moisture	10.7	0		wt%	R347358	1	07/11/2017 13:00	VH

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:** 17-Jul-17

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville - Mill
Lab ID: 1706K29-009

Client Sample ID: 17172-S-7-2
Collection Date: 6/21/2017 9:54:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	7.15	4.23		mg/Kg-dry	245121	1	07/11/2017 16:31	IO
PERCENT MOISTURE D2216								
Percent Moisture	10.6	0		wt%	R347358	1	07/11/2017 13:00	VH

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: 17-Jul-17

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville - Mill
Lab ID: 1706K29-010

Client Sample ID: 17172-S-15-0.5
Collection Date: 6/21/2017 10:10:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	BRL	3.98		mg/Kg-dry	245121	1	07/11/2017 16:37	IO
PERCENT MOISTURE D2216								
Percent Moisture	12.9	0		wt%	R347358	1	07/11/2017 13:00	VH

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:** 17-Jul-17

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville - Mill
Lab ID: 1706K29-011

Client Sample ID: 17172-S-15-1
Collection Date: 6/21/2017 10:12:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	BRL	4.14		mg/Kg-dry	245121	1	07/11/2017 16:41	IO
PERCENT MOISTURE D2216								
Percent Moisture	13.8	0		wt%	R347358	1	07/11/2017 13:00	VH

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:** 17-Jul-17

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville - Mill
Lab ID: 1706K29-012

Client Sample ID: 17172-S-15-2
Collection Date: 6/21/2017 10:17:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	24.7	4.35		mg/Kg-dry	245121	1	07/11/2017 16:45	IO
PERCENT MOISTURE D2216								
Percent Moisture	14.0	0		wt%	R347358	1	07/11/2017 13:00	VH

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:** 17-Jul-17

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville - Mill
Lab ID: 1706K29-013

Client Sample ID: 17172-S-14-0.5
Collection Date: 6/21/2017 10:15:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	36.9	4.16		mg/Kg-dry	244900	1	07/03/2017 12:18	IO
PERCENT MOISTURE D2216								
Percent Moisture	11.9	0		wt%	R346679	1	06/30/2017 13:00	VH

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:** 17-Jul-17

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville - Mill
Lab ID: 1706K29-014

Client Sample ID: 17172-S-14-1
Collection Date: 6/21/2017 10:17:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	22.3	4.07		mg/Kg-dry	244900	1	07/03/2017 12:22	IO
PERCENT MOISTURE D2216								
Percent Moisture	13.3	0		wt%	R346679	1	06/30/2017 13:00	VH

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: 17-Jul-17

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville - Mill
Lab ID: 1706K29-015

Client Sample ID: 17172-S-14-2
Collection Date: 6/21/2017 10:24:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	67.0	4.03		mg/Kg-dry	244900	1	07/03/2017 12:32	IO
PERCENT MOISTURE D2216								
Percent Moisture	13.3	0		wt%	R346679	1	06/30/2017 13:00	VH

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:** 17-Jul-17

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville - Mill
Lab ID: 1706K29-016

Client Sample ID: 17172-S-16-0.5
Collection Date: 6/21/2017 10:30:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	BRL	4.22		mg/Kg-dry	245518	1	07/17/2017 11:51	IO
PERCENT MOISTURE D2216								
Percent Moisture	13.2	0		wt%	R347701	1	07/17/2017 08:00	JC

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:** 17-Jul-17

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville - Mill
Lab ID: 1706K29-017

Client Sample ID: 17172-S-16-1
Collection Date: 6/21/2017 10:33:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	BRL	4.03		mg/Kg-dry	245518	1	07/17/2017 11:55	IO
PERCENT MOISTURE D2216								
Percent Moisture	13.2	0		wt%	R347701	1	07/17/2017 08:00	JC

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:** 17-Jul-17

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville - Mill
Lab ID: 1706K29-018

Client Sample ID: 17172-S-16-3
Collection Date: 6/21/2017 10:41:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	16.0	4.38		mg/Kg-dry	245518	1	07/17/2017 11:59	IO
PERCENT MOISTURE D2216								
Percent Moisture	16.7	0		wt%	R347701	1	07/17/2017 08:00	JC

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:** 17-Jul-17

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville - Mill
Lab ID: 1706K29-034

Client Sample ID: 17172-S-20-0.5
Collection Date: 6/21/2017 11:28:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	BRL	4.92		mg/Kg-dry	244567	1	06/26/2017 15:00	IO
PERCENT MOISTURE D2216								
Percent Moisture	15.4	0		wt%	R346175	1	06/23/2017 13:00	VH

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:** 17-Jul-17

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville - Mill
Lab ID: 1706K29-035

Client Sample ID: 17172-S-20-1
Collection Date: 6/21/2017 11:30:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	BRL	5.26		mg/Kg-dry	244567	1	06/26/2017 19:33	IO
PERCENT MOISTURE D2216								
Percent Moisture	17.0	0		wt%	R346175	1	06/23/2017 13:00	VH

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:** 17-Jul-17

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville - Mill
Lab ID: 1706K29-036

Client Sample ID: 17172-S-20-3
Collection Date: 6/21/2017 11:39:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	BRL	5.62		mg/Kg-dry	244567	1	06/26/2017 19:37	IO
PERCENT MOISTURE D2216								
Percent Moisture	17.8	0		wt%	R346175	1	06/23/2017 13:00	VH

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:** 17-Jul-17

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville - Mill
Lab ID: 1706K29-040

Client Sample ID: 17172-S-18-0.5
Collection Date: 6/21/2017 11:44:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	BRL	5.06		mg/Kg-dry	244567	1	06/26/2017 19:41	IO
PERCENT MOISTURE D2216								
Percent Moisture	12.8	0		wt%	R346469	1	06/28/2017 12:15	VH

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:** 17-Jul-17

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville - Mill
Lab ID: 1706K29-041

Client Sample ID: 17172-S-18-1
Collection Date: 6/21/2017 11:46:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	BRL	5.72		mg/Kg-dry	244567	1	06/26/2017 19:45	IO
PERCENT MOISTURE D2216								
Percent Moisture	16.4	0		wt%	R346175	1	06/23/2017 13:00	VH

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:** 17-Jul-17

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville - Mill
Lab ID: 1706K29-042

Client Sample ID: 17172-S-18-3
Collection Date: 6/21/2017 11:56:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	BRL	4.78		mg/Kg-dry	244567	1	06/26/2017 19:48	IO
PERCENT MOISTURE D2216								
Percent Moisture	18.9	0		wt%	R346175	1	06/23/2017 13:00	VH

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:** 17-Jul-17

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville - Mill
Lab ID: 1706K29-043

Client Sample ID: 17172-S-17-0.5
Collection Date: 6/21/2017 11:48:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	BRL	5.64		mg/Kg-dry	244567	1	06/26/2017 19:52	IO
PERCENT MOISTURE D2216								
Percent Moisture	13.9	0		wt%	R346175	1	06/23/2017 13:00	VH

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:** 17-Jul-17

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville - Mill
Lab ID: 1706K29-044

Client Sample ID: 17172-S-17-1
Collection Date: 6/21/2017 11:50:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	52.9	3.56		mg/Kg-dry	244567	1	06/26/2017 19:56	IO
PERCENT MOISTURE D2216								
Percent Moisture	11.8	0		wt%	R346175	1	06/23/2017 13:00	VH

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:** 17-Jul-17

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville - Mill
Lab ID: 1706K29-045

Client Sample ID: 17172-S-3-1.5
Collection Date: 6/21/2017 12:10:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	28.0	5.85		mg/Kg-dry	244567	1	06/26/2017 20:00	IO
PERCENT MOISTURE D2216								
Percent Moisture	18.8	0		wt%	R346175	1	06/23/2017 13:00	VH

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:** 17-Jul-17

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville - Mill
Lab ID: 1706K29-046

Client Sample ID: 17172-S-4-1.5
Collection Date: 6/21/2017 12:08:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	46.4	4.23		mg/Kg-dry	244567	1	06/26/2017 20:04	IO
PERCENT MOISTURE D2216								
Percent Moisture	21.1	0		wt%	R346175	1	06/23/2017 13:00	VH

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:** 17-Jul-17

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville - Mill
Lab ID: 1706K29-047

Client Sample ID: 17172-DUP
Collection Date: 6/21/2017 12:00:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	BRL	4.00		mg/Kg-dry	244567	1	06/26/2017 20:14	IO
PERCENT MOISTURE D2216								
Percent Moisture	13.9	0		wt%	R346175	1	06/23/2017 13:00	VH

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

SAMPLE/COOLER RECEIPT CHECKLIST

Clear

Save as

1. Client Name: **Environmental Planning Specialists, Inc.**

AES Work Order Number: **1706K29**

2. Carrier: FedEx ☐ UPS ☐ USPS ☐ Client ☒ Courier ☐ Other ☐

	Yes	No	N/A	Details	Comments
3. Shipping container/cooler received in good condition?	☒	☐	☐	damaged ☐ leaking ☐ other ☐	
4. Custody seals present on shipping container?	☐	☒	☐		
5. Custody seals intact on shipping container?	☐	☐	☒		
6. Temperature blanks present?	☒	☐	☐		
7. Cooler temperature(s) within limits of 0-6°C? [See item 13 and 14 for temperature recordings.]	☒	☐	☐	Cooling initiated for recently collected samples / ice present ☐	
8. Chain of Custody (COC) present?	☒	☐	☐		
9. Chain of Custody signed, dated, and timed when relinquished and received?	☒	☐	☐		
10. Sampler name and/or signature on COC?	☒	☐	☐		
11. Were all samples received within holding time?	☒	☐	☐		
12. TAT marked on the COC?	☒	☐	☐	If no TAT indicated, proceeded with standard TAT per Terms & Conditions. ☐	

13. Cooler 1 Temperature 1.2 °C Cooler 2 Temperature _____ °C Cooler 3 Temperature _____ °C Cooler 4 Temperature _____ °C

14. Cooler 5 Temperature _____ °C Cooler 6 Temperature _____ °C Cooler 7 Temperature _____ °C Cooler 8 Temperature _____ °C

15. Comments: _____

I certify that I have completed sections 1-15 (dated initials).

MJ 6/21/17

	Yes	No	N/A	Details	Comments
16. Were sample containers intact upon receipt?	☒	☐	☐		
17. Custody seals present on sample containers?	☐	☒	☐		
18. Custody seals intact on sample containers?	☐	☐	☒		
19. Do sample container labels match the COC?	☐	☒	☐	incomplete info ☐ illegible ☐ no label ☐ other ☒	See narrative
20. Are analyses requested indicated on the COC?	☒	☐	☐		
21. Were all of the samples listed on the COC received?	☒	☐	☐	samples received but not listed on COC ☐ samples listed on COC not received ☐	
22. Was the sample collection date/time noted?	☒	☐	☐		
23. Did we receive sufficient sample volume for indicated analyses?	☒	☐	☐		
24. Were samples received in appropriate containers?	☒	☐	☐		
25. Were VOA samples received without headspace (< 1/4" bubble)?	☒	☐	☒		
26. Were trip blanks submitted?	☐	☐	☒	listed on COC ☐ not listed on COC ☐	

27. Comments: _____

I certify that I have completed sections 16-27 (dated initials).

TR 6/22/17

	Yes	No	N/A	Details	Comments
28. Have containers needing chemical preservation been checked?	☐	☐	☒		
29. Containers meet preservation guidelines?	☐	☐	☒		
30. Was pH adjusted?	☐	☐	☒		

I certify that I have completed sections 28-30 (dated initials).

TR 6/22/17

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville - Mill
Workorder: 1706K29

ANALYTICAL QC SUMMARY REPORT**BatchID: 244567**

Sample ID: MB-244567	Client ID:					Units: mg/Kg	Prep Date: 06/26/2017	Run No: 346302			
SampleType: MBLK	TestCode: METALS, TOTAL	SW6010D	BatchID: 244567				Analysis Date: 06/26/2017	Seq No: 7604045			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic BRL 5.00

Sample ID: LCS-244567	Client ID:					Units: mg/Kg	Prep Date: 06/26/2017	Run No: 346302			
SampleType: LCS	TestCode: METALS, TOTAL	SW6010D	BatchID: 244567				Analysis Date: 06/26/2017	Seq No: 7604046			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic 47.75 5.00 50.00 95.5 80 120

Sample ID: 1706K29-034AMS	Client ID: 17172-S-20-0.5					Units: mg/Kg-dry	Prep Date: 06/26/2017	Run No: 346302			
SampleType: MS	TestCode: METALS, TOTAL	SW6010D					BatchID: 244567	Analysis Date: 06/26/2017	Seq No: 7604048		
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic 44.79 4.96 49.60 1.312 87.7 75 125

Sample ID: 1706K29-034AMSD	Client ID: 17172-S-20-0.5	Units: mg/Kg-dry				Prep Date: 06/26/2017	Run No: 346302				
SampleType: MSD	TestCode: METALS, TOTAL SW6010D	BatchID: 244567				Analysis Date: 06/26/2017	Seq No: 7604049				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic 42.40 4.94 49.39 1.312 83.2 75 125 44.79 5.47 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: 1706K29

ANALYTICAL QC SUMMARY REPORT**BatchID: 244900**

Sample ID: MB-244900	Client ID:					Units: mg/Kg	Prep Date: 06/30/2017	Run No: 346778			
SampleType: MBLK	TestCode: METALS, TOTAL	SW6010D	BatchID: 244900				Analysis Date: 07/03/2017	Seq No: 7615987			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic BRL 5.00

Sample ID: LCS-244900	Client ID:					Units: mg/Kg	Prep Date: 06/30/2017	Run No: 346778			
SampleType: LCS	TestCode: METALS, TOTAL	SW6010D	BatchID: 244900				Analysis Date: 07/03/2017	Seq No: 7615988			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic 45.73 5.00 50.00 91.5 80 120

Sample ID: 1706K29-001AMS	Client ID: 17172-S-13-0.5	Units: mg/Kg-dry				Prep Date: 06/30/2017	Run No: 346778				
SampleType: MS	TestCode: METALS, TOTAL	SW6010D	BatchID: 244900				Analysis Date: 07/03/2017	Seq No: 7615992			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic 39.00 4.40 43.96 2.694 82.6 75 125

Sample ID: 1706K29-001AMSD	Client ID: 17172-S-13-0.5	Units: mg/Kg-dry				Prep Date: 06/30/2017	Run No: 346778				
SampleType: MSD	TestCode: METALS, TOTAL SW6010D	BatchID: 244900				Analysis Date: 07/03/2017	Seq No: 7615993				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic 37.55 4.39 43.93 2.694 79.3 75 125 39.00 3.77 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: 1706K29

ANALYTICAL QC SUMMARY REPORT**BatchID: 245121**

Sample ID: MB-245121	Client ID:					Units: mg/Kg	Prep Date: 07/10/2017	Run No: 347210			
SampleType: MBLK	TestCode: METALS, TOTAL	SW6010D	BatchID: 245121				Analysis Date: 07/10/2017	Seq No: 7625418			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic BRL 5.00

Sample ID: LCS-245121	Client ID:					Units: mg/Kg	Prep Date: 07/10/2017	Run No: 347210			
SampleType: LCS	TestCode: METALS, TOTAL	SW6010D	BatchID: 245121				Analysis Date: 07/10/2017	Seq No: 7625419			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic 48.67 5.00 50.00 97.3 80 120

Sample ID: 1707464-001AMS	Client ID:					Units: mg/Kg-dry	Prep Date: 07/10/2017	Run No: 347210			
SampleType: MS	TestCode: METALS, TOTAL	SW6010D	BatchID: 245121				Analysis Date: 07/10/2017	Seq No: 7625421			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic 31.12 3.16 31.63 1.463 93.8 75 125

Sample ID: 1707464-001AMSD	Client ID:					Units: mg/Kg-dry	Prep Date: 07/10/2017	Run No: 347210			
SampleType: MSD	TestCode: METALS, TOTAL	SW6010D	BatchID: 245121				Analysis Date: 07/10/2017	Seq No: 7625422			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic 30.75 3.17 31.66 1.463 92.5 75 125 31.12 1.19 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: 1706K29

ANALYTICAL QC SUMMARY REPORT

BatchID: 245518

Sample ID: MB-245518	Client ID:					Units: mg/Kg	Prep Date: 07/14/2017	Run No: 347688			
SampleType: MBLK	TestCode: METALS, TOTAL	SW6010D	BatchID: 245518				Analysis Date: 07/17/2017	Seq No: 7636227			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic BRL 5.00

Sample ID: LCS-245518	Client ID:				Units: mg/Kg	Prep Date: 07/14/2017	Run No: 347688				
SampleType: LCS	TestCode: METALS, TOTAL	SW6010D	BatchID: 245518			Analysis Date: 07/17/2017	Seq No: 7636228				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic 47.47 5.00 50.00 94.9 80 120

Sample ID: 1706K29-004AMS	Client ID: 17172-S-8-0.5	Units: mg/Kg-dry			Prep Date: 07/14/2017	Run No: 347688					
SampleType: MS	TestCode: METALS, TOTAL SW6010D	BatchID: 245518			Analysis Date: 07/17/2017	Seq No: 7636232					
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic 33.41 3.84 38.43 1.933 81.9 75 125

Sample ID: 1706K29-004AMSD	Client ID: 17172-S-8-0.5	Units: mg/Kg-dry			Prep Date: 07/14/2017	Run No: 347688					
SampleType: MSD	TestCode: METALS, TOTAL SW6010D	BatchID: 245518			Analysis Date: 07/17/2017	Seq No: 7636233					
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic 33.48 3.84 38.43 1.933 82.1 75 125 33.41 0.192 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	



ANALYTICAL ENVIRONMENTAL SERVICES, INC.

June 12, 2017

Aaron Williams
Environmental Planning Specialists, Inc.

1050 Crown Pointe Parkway
Atlanta GA 30338

RE: Grantville Mill

Dear Aaron Williams:

Order No: 1706259

Analytical Environmental Services, Inc. received 23 samples on 6/2/2017 3:00:00 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 07/01/16-06/30/17.

State of Georgia, Department of Natural Resources ID #800 for analysis of Drinking Water Metals, effective 07/01/16-06/30/17 and Total Coliforms and E. coli, effective 04/25/17-04/24/20.

-NELAC/Louisiana Agency Interest No. 100818 for or analysis of Non-Potable Water and Solid & Chemical Materials, effective 07/01/16-06/30/17.

-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.

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,

Chris Pafford
Project Manager



Phone: (770) 457-8177 / Toll-Free: (800) 972-4889 / Fax: (770) 457-8188

1700259 Work Order:

Date: 6-2-2017

Page 1 of 2

Page 2 of 64



AES

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

3080 Presidential Drive Atlanta, GA 30340-3704

Phone: (770) 457-8177 / Toll-Free: (800) 972-4889 / Fax: (770) 457-8188

CHAIN OF CUSTODY

1700259

Work Order: _____

Date: 6-2-2017

Page 2 of 2

COMPANY: EPS Inc.		ADDRESS: 1050 Crown Pointe Pkwy, Ste. 550 Atlanta, GA 30338		ANALYSIS REQUESTED												Visit our website www.aesatlanta.com for downloadable COCs and to log in to your AESAccess account.		Number of Containers
PHONE: 404 315 9113		EMAIL:		VOCs Soil Moisture VOCs (H₂O)														
SAMPLED BY: Alex Testuff Melissa Spitzendler		SIGNATURE: Alex Testuff Melissa Spitzendler		PRESERVATION (see codes)												REMARKS		
#	SAMPLE ID	DATE	TIME	GRAB	COMPOSITE	MATRIX (see codes)												
1	17153-SB-20-2	6-2-2017	1143	X		SO	X	X										4
2	17153-SB-20-4		1152	X		SO	X	X										4
3	17153-SB-21-2		1125	X		SO	X	X										4
4	17153-SB-21-4		1130	X		SO	X	X										4
5	17153-SB-22-2		1115	X		SO	X	X										4
6	17153-SB-22-4	6-2-2017	1118	X		SO	X	X										4
7	17153-DUP	6-2-2017	1200	X		SO	X	X										4
8	Trip Blank					W		X										2
9																		
10																		
11																		
12																		
13																		
14																		

RELINQUISHED BY: Alex Testuff		DATE/TIME: 1500 6-2-2017		RECEIVED BY: [Signature]		DATE/TIME: 6/2/17 1500		PROJECT INFORMATION				RECEIPT	
1. [Signature]				1. [Signature]				PROJECT NAME: Grantville Mill				Total # of Containers: 30	
2.				2.				PROJECT #:				Turnaround Time (TAT) Request	
3.				3.				SITE ADDRESS: Grantville, GA				☒ Standard 5 Business Days ☐ 2 Business Day Rush ☐ Next Business Day Rush ☐ Same-Day Rush (auth req.) ☐ Other _____	
SPECIAL INSTRUCTIONS/COMMENTS:				SHIPMENT METHOD				SEND REPORT TO: a.williams Remediating.com				STATE PROGRAM (if any): _____	
				OUT: / / VIA: IN: / / VIA: ☒ Client FedEx UPS US mail courier Greyhound other: _____				INVOICE TO: (IF DIFFERENT FROM ABOVE)				E-mail? ☐ Fax? ☐	
								QUOTE #: _____ PO#: _____				DATA PACKAGE: I ☐ II ☐ III ☐ IV ☐	

Submission of samples to the laboratory constitutes acceptance of AES's Terms & Conditions. Samples received after 3PM or on Saturday are considered as received the following business day. If no TAT is marked on COC, AES will proceed with standard TAT. Samples are disposed of 30 days after completion of report unless other arrangements are made.

Matrix Codes: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water WW = Waste Water W = Water (Blanks) DW = Drinking Water (Blanks) O = Other (specify)

Preservative Codes: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

White Copy - Original; Yellow Copy - Client

Client: Environmental Planning Specialists, Inc.
Project: Grantville Mill
Lab ID: 1706259

Case Narrative

Volatile Organic Compounds Analysis by Method 8260B:

Percent recovery for the internal standard compounds Pentafluorobenzene, 1,4-Difluorobenzene, Chlorobenzene-d5 and 1,4-Dichlorobenzene-d4 on samples 1706259-001A, & -008A was outside control limits biased low due to suspected matrix interference. The sample was ran twice.

Percent recovery for the internal standard compounds Chlorobenzene-d5 and 1,4-Dichlorobenzene-d4 on sample 1706259-002A, -003A, & -004A was outside control limits biased low due to suspected matrix interference. All other internal standard recoveries were within control limits.

Percent recovery for the internal standard compound 1,4-Dichlorobenzene-d4 on sample 1706259-006A, & -009A was outside control limits biased low due to suspected matrix interference. All other internal standard recoveries were within control limits.

Metals Analysis by Method 6010D:

Sample 1706259-005C As result was reported as estimated due to suspected matrix interference with sample QC criteria at PQL of 0.1 mg/L. All associated batch QC were within limits.

Analytical Environmental Services, Inc
Date: 12-Jun-17

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1706259-001

Client Sample ID: 17153-S-3-0.5
Collection Date: 6/2/2017 8:38:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	4.3		ug/Kg-dry	243834	1	06/08/2017 13:04	MD
1,1,2,2-Tetrachloroethane	BRL	4.3		ug/Kg-dry	243834	1	06/08/2017 13:04	MD
1,1,2-Trichloroethane	BRL	4.3		ug/Kg-dry	243834	1	06/08/2017 13:04	MD
1,1-Dichloroethane	BRL	4.3		ug/Kg-dry	243834	1	06/08/2017 13:04	MD
1,1-Dichloroethene	BRL	4.3		ug/Kg-dry	243834	1	06/08/2017 13:04	MD
1,2,4-Trichlorobenzene	BRL	4.3		ug/Kg-dry	243834	1	06/08/2017 13:04	MD
1,2-Dibromo-3-chloropropane	BRL	4.3		ug/Kg-dry	243834	1	06/08/2017 13:04	MD
1,2-Dibromoethane	BRL	4.3		ug/Kg-dry	243834	1	06/08/2017 13:04	MD
1,2-Dichlorobenzene	BRL	4.3		ug/Kg-dry	243834	1	06/08/2017 13:04	MD
1,2-Dichloroethane	BRL	4.3		ug/Kg-dry	243834	1	06/08/2017 13:04	MD
1,2-Dichloropropane	BRL	4.3		ug/Kg-dry	243834	1	06/08/2017 13:04	MD
1,3-Dichlorobenzene	BRL	4.3		ug/Kg-dry	243834	1	06/08/2017 13:04	MD
1,4-Dichlorobenzene	BRL	4.3		ug/Kg-dry	243834	1	06/08/2017 13:04	MD
2-Butanone	BRL	43		ug/Kg-dry	243834	1	06/08/2017 13:04	MD
2-Hexanone	BRL	8.5		ug/Kg-dry	243834	1	06/08/2017 13:04	MD
4-Methyl-2-pentanone	BRL	8.5		ug/Kg-dry	243834	1	06/08/2017 13:04	MD
Acetone	200	85		ug/Kg-dry	243834	1	06/08/2017 13:04	MD
Benzene	6.5	4.3		ug/Kg-dry	243834	1	06/08/2017 13:04	MD
Bromodichloromethane	BRL	4.3		ug/Kg-dry	243834	1	06/08/2017 13:04	MD
Bromoform	BRL	4.3		ug/Kg-dry	243834	1	06/08/2017 13:04	MD
Bromomethane	BRL	4.3		ug/Kg-dry	243834	1	06/08/2017 13:04	MD
Carbon disulfide	BRL	8.5		ug/Kg-dry	243834	1	06/08/2017 13:04	MD
Carbon tetrachloride	BRL	4.3		ug/Kg-dry	243834	1	06/08/2017 13:04	MD
Chlorobenzene	BRL	4.3		ug/Kg-dry	243834	1	06/08/2017 13:04	MD
Chloroethane	BRL	8.5		ug/Kg-dry	243834	1	06/08/2017 13:04	MD
Chloroform	BRL	4.3		ug/Kg-dry	243834	1	06/08/2017 13:04	MD
Chloromethane	BRL	8.5		ug/Kg-dry	243834	1	06/08/2017 13:04	MD
cis-1,2-Dichloroethene	BRL	4.3		ug/Kg-dry	243834	1	06/08/2017 13:04	MD
cis-1,3-Dichloropropene	BRL	4.3		ug/Kg-dry	243834	1	06/08/2017 13:04	MD
Cyclohexane	BRL	4.3		ug/Kg-dry	243834	1	06/08/2017 13:04	MD
Dibromochloromethane	BRL	4.3		ug/Kg-dry	243834	1	06/08/2017 13:04	MD
Dichlorodifluoromethane	BRL	8.5		ug/Kg-dry	243834	1	06/08/2017 13:04	MD
Ethylbenzene	BRL	4.3		ug/Kg-dry	243834	1	06/08/2017 13:04	MD
Freon-113	BRL	8.5		ug/Kg-dry	243834	1	06/08/2017 13:04	MD
Isopropylbenzene	BRL	4.3		ug/Kg-dry	243834	1	06/08/2017 13:04	MD
m,p-Xylene	BRL	4.3		ug/Kg-dry	243834	1	06/08/2017 13:04	MD
Methyl acetate	BRL	4.3		ug/Kg-dry	243834	1	06/08/2017 13:04	MD
Methyl tert-butyl ether	BRL	4.3		ug/Kg-dry	243834	1	06/08/2017 13:04	MD
Methylcyclohexane	BRL	4.3		ug/Kg-dry	243834	1	06/08/2017 13:04	MD
Methylene chloride	BRL	17		ug/Kg-dry	243834	1	06/08/2017 13:04	MD
o-Xylene	BRL	4.3		ug/Kg-dry	243834	1	06/08/2017 13:04	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

Date: 12-Jun-17

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1706259-001

Client Sample ID: 17153-S-3-0.5
Collection Date: 6/2/2017 8:38:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	4.3		ug/Kg-dry	243834	1	06/08/2017 13:04	MD
Tetrachloroethene	BRL	4.3		ug/Kg-dry	243834	1	06/08/2017 13:04	MD
Toluene	BRL	4.3		ug/Kg-dry	243834	1	06/08/2017 13:04	MD
trans-1,2-Dichloroethene	BRL	4.3		ug/Kg-dry	243834	1	06/08/2017 13:04	MD
trans-1,3-Dichloropropene	BRL	4.3		ug/Kg-dry	243834	1	06/08/2017 13:04	MD
Trichloroethene	BRL	4.3		ug/Kg-dry	243834	1	06/08/2017 13:04	MD
Trichlorofluoromethane	BRL	4.3		ug/Kg-dry	243834	1	06/08/2017 13:04	MD
Vinyl chloride	BRL	8.5		ug/Kg-dry	243834	1	06/08/2017 13:04	MD
Surr: 4-Bromofluorobenzene	72.7	63-125		%REC	243834	1	06/08/2017 13:04	MD
Surr: Dibromofluoromethane	128	69.9-123	S	%REC	243834	1	06/08/2017 13:04	MD
Surr: Toluene-d8	86.7	70-122		%REC	243834	1	06/08/2017 13:04	MD
METALS, TOTAL SW6010D				(SW3050B)				
Arsenic	28.5	6.32		mg/Kg-dry	243665	1	06/07/2017 11:12	IO
Chromium	17.7	3.16		mg/Kg-dry	243665	1	06/07/2017 11:12	IO
Lead	79.7	6.32		mg/Kg-dry	243665	1	06/07/2017 11:12	IO
PERCENT MOISTURE D2216								
Percent Moisture	21.1	0		wt%	R344800	1	06/06/2017 11:00	JC

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: 12-Jun-17

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1706259-002

Client Sample ID: 17153-S-3-1
Collection Date: 6/2/2017 8:42:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	4.2		ug/Kg-dry	243834	1	06/08/2017 13:29	MD
1,1,2,2-Tetrachloroethane	BRL	4.2		ug/Kg-dry	243834	1	06/08/2017 13:29	MD
1,1,2-Trichloroethane	BRL	4.2		ug/Kg-dry	243834	1	06/08/2017 13:29	MD
1,1-Dichloroethane	BRL	4.2		ug/Kg-dry	243834	1	06/08/2017 13:29	MD
1,1-Dichloroethene	BRL	4.2		ug/Kg-dry	243834	1	06/08/2017 13:29	MD
1,2,4-Trichlorobenzene	BRL	4.2		ug/Kg-dry	243834	1	06/08/2017 13:29	MD
1,2-Dibromo-3-chloropropane	BRL	4.2		ug/Kg-dry	243834	1	06/08/2017 13:29	MD
1,2-Dibromoethane	BRL	4.2		ug/Kg-dry	243834	1	06/08/2017 13:29	MD
1,2-Dichlorobenzene	BRL	4.2		ug/Kg-dry	243834	1	06/08/2017 13:29	MD
1,2-Dichloroethane	BRL	4.2		ug/Kg-dry	243834	1	06/08/2017 13:29	MD
1,2-Dichloropropane	BRL	4.2		ug/Kg-dry	243834	1	06/08/2017 13:29	MD
1,3-Dichlorobenzene	BRL	4.2		ug/Kg-dry	243834	1	06/08/2017 13:29	MD
1,4-Dichlorobenzene	BRL	4.2		ug/Kg-dry	243834	1	06/08/2017 13:29	MD
2-Butanone	BRL	42		ug/Kg-dry	243834	1	06/08/2017 13:29	MD
2-Hexanone	BRL	8.5		ug/Kg-dry	243834	1	06/08/2017 13:29	MD
4-Methyl-2-pentanone	BRL	8.5		ug/Kg-dry	243834	1	06/08/2017 13:29	MD
Acetone	230	85		ug/Kg-dry	243834	1	06/08/2017 13:29	MD
Benzene	6.2	4.2		ug/Kg-dry	243834	1	06/08/2017 13:29	MD
Bromodichloromethane	BRL	4.2		ug/Kg-dry	243834	1	06/08/2017 13:29	MD
Bromoform	BRL	4.2		ug/Kg-dry	243834	1	06/08/2017 13:29	MD
Bromomethane	BRL	4.2		ug/Kg-dry	243834	1	06/08/2017 13:29	MD
Carbon disulfide	BRL	8.5		ug/Kg-dry	243834	1	06/08/2017 13:29	MD
Carbon tetrachloride	BRL	4.2		ug/Kg-dry	243834	1	06/08/2017 13:29	MD
Chlorobenzene	BRL	4.2		ug/Kg-dry	243834	1	06/08/2017 13:29	MD
Chloroethane	BRL	8.5		ug/Kg-dry	243834	1	06/08/2017 13:29	MD
Chloroform	BRL	4.2		ug/Kg-dry	243834	1	06/08/2017 13:29	MD
Chloromethane	BRL	8.5		ug/Kg-dry	243834	1	06/08/2017 13:29	MD
cis-1,2-Dichloroethene	BRL	4.2		ug/Kg-dry	243834	1	06/08/2017 13:29	MD
cis-1,3-Dichloropropene	BRL	4.2		ug/Kg-dry	243834	1	06/08/2017 13:29	MD
Cyclohexane	BRL	4.2		ug/Kg-dry	243834	1	06/08/2017 13:29	MD
Dibromochloromethane	BRL	4.2		ug/Kg-dry	243834	1	06/08/2017 13:29	MD
Dichlorodifluoromethane	BRL	8.5		ug/Kg-dry	243834	1	06/08/2017 13:29	MD
Ethylbenzene	BRL	4.2		ug/Kg-dry	243834	1	06/08/2017 13:29	MD
Freon-113	BRL	8.5		ug/Kg-dry	243834	1	06/08/2017 13:29	MD
Isopropylbenzene	BRL	4.2		ug/Kg-dry	243834	1	06/08/2017 13:29	MD
m,p-Xylene	BRL	4.2		ug/Kg-dry	243834	1	06/08/2017 13:29	MD
Methyl acetate	BRL	4.2		ug/Kg-dry	243834	1	06/08/2017 13:29	MD
Methyl tert-butyl ether	BRL	4.2		ug/Kg-dry	243834	1	06/08/2017 13:29	MD
Methylcyclohexane	BRL	4.2		ug/Kg-dry	243834	1	06/08/2017 13:29	MD
Methylene chloride	BRL	17		ug/Kg-dry	243834	1	06/08/2017 13:29	MD
o-Xylene	BRL	4.2		ug/Kg-dry	243834	1	06/08/2017 13:29	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

Date: 12-Jun-17

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1706259-002

Client Sample ID: 17153-S-3-1
Collection Date: 6/2/2017 8:42:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	4.2		ug/Kg-dry	243834	1	06/08/2017 13:29	MD
Tetrachloroethene	BRL	4.2		ug/Kg-dry	243834	1	06/08/2017 13:29	MD
Toluene	BRL	4.2		ug/Kg-dry	243834	1	06/08/2017 13:29	MD
trans-1,2-Dichloroethene	BRL	4.2		ug/Kg-dry	243834	1	06/08/2017 13:29	MD
trans-1,3-Dichloropropene	BRL	4.2		ug/Kg-dry	243834	1	06/08/2017 13:29	MD
Trichloroethene	BRL	4.2		ug/Kg-dry	243834	1	06/08/2017 13:29	MD
Trichlorofluoromethane	BRL	4.2		ug/Kg-dry	243834	1	06/08/2017 13:29	MD
Vinyl chloride	BRL	8.5		ug/Kg-dry	243834	1	06/08/2017 13:29	MD
Surr: 4-Bromofluorobenzene	74.1	63-125		%REC	243834	1	06/08/2017 13:29	MD
Surr: Dibromofluoromethane	116	69.9-123		%REC	243834	1	06/08/2017 13:29	MD
Surr: Toluene-d8	90.1	70-122		%REC	243834	1	06/08/2017 13:29	MD
METALS, TOTAL SW6010D				(SW3050B)				
Arsenic	33.6	5.85		mg/Kg-dry	243665	1	06/07/2017 20:13	IO
Chromium	14.9	2.93		mg/Kg-dry	243665	1	06/07/2017 20:13	IO
Lead	60.2	5.85		mg/Kg-dry	243665	1	06/07/2017 20:13	IO
PERCENT MOISTURE D2216								
Percent Moisture	15.1	0		wt%	R344800	1	06/06/2017 11:00	JC

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: 12-Jun-17

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1706259-003

Client Sample ID: 17153-S-4-0.5
Collection Date: 6/2/2017 8:54:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	5.8		ug/Kg-dry	243834	1	06/08/2017 19:05	MD
1,1,2,2-Tetrachloroethane	BRL	5.8		ug/Kg-dry	243834	1	06/08/2017 19:05	MD
1,1,2-Trichloroethane	BRL	5.8		ug/Kg-dry	243834	1	06/08/2017 19:05	MD
1,1-Dichloroethane	BRL	5.8		ug/Kg-dry	243834	1	06/08/2017 19:05	MD
1,1-Dichloroethene	BRL	5.8		ug/Kg-dry	243834	1	06/08/2017 19:05	MD
1,2,4-Trichlorobenzene	BRL	5.8		ug/Kg-dry	243834	1	06/08/2017 19:05	MD
1,2-Dibromo-3-chloropropane	BRL	5.8		ug/Kg-dry	243834	1	06/08/2017 19:05	MD
1,2-Dibromoethane	BRL	5.8		ug/Kg-dry	243834	1	06/08/2017 19:05	MD
1,2-Dichlorobenzene	BRL	5.8		ug/Kg-dry	243834	1	06/08/2017 19:05	MD
1,2-Dichloroethane	BRL	5.8		ug/Kg-dry	243834	1	06/08/2017 19:05	MD
1,2-Dichloropropane	BRL	5.8		ug/Kg-dry	243834	1	06/08/2017 19:05	MD
1,3-Dichlorobenzene	BRL	5.8		ug/Kg-dry	243834	1	06/08/2017 19:05	MD
1,4-Dichlorobenzene	BRL	5.8		ug/Kg-dry	243834	1	06/08/2017 19:05	MD
2-Butanone	BRL	58		ug/Kg-dry	243834	1	06/08/2017 19:05	MD
2-Hexanone	BRL	12		ug/Kg-dry	243834	1	06/08/2017 19:05	MD
4-Methyl-2-pentanone	BRL	12		ug/Kg-dry	243834	1	06/08/2017 19:05	MD
Acetone	BRL	120		ug/Kg-dry	243834	1	06/08/2017 19:05	MD
Benzene	BRL	5.8		ug/Kg-dry	243834	1	06/08/2017 19:05	MD
Bromodichloromethane	BRL	5.8		ug/Kg-dry	243834	1	06/08/2017 19:05	MD
Bromoform	BRL	5.8		ug/Kg-dry	243834	1	06/08/2017 19:05	MD
Bromomethane	BRL	5.8		ug/Kg-dry	243834	1	06/08/2017 19:05	MD
Carbon disulfide	BRL	12		ug/Kg-dry	243834	1	06/08/2017 19:05	MD
Carbon tetrachloride	BRL	5.8		ug/Kg-dry	243834	1	06/08/2017 19:05	MD
Chlorobenzene	BRL	5.8		ug/Kg-dry	243834	1	06/08/2017 19:05	MD
Chloroethane	BRL	12		ug/Kg-dry	243834	1	06/08/2017 19:05	MD
Chloroform	BRL	5.8		ug/Kg-dry	243834	1	06/08/2017 19:05	MD
Chloromethane	BRL	12		ug/Kg-dry	243834	1	06/08/2017 19:05	MD
cis-1,2-Dichloroethene	BRL	5.8		ug/Kg-dry	243834	1	06/08/2017 19:05	MD
cis-1,3-Dichloropropene	BRL	5.8		ug/Kg-dry	243834	1	06/08/2017 19:05	MD
Cyclohexane	BRL	5.8		ug/Kg-dry	243834	1	06/08/2017 19:05	MD
Dibromochloromethane	BRL	5.8		ug/Kg-dry	243834	1	06/08/2017 19:05	MD
Dichlorodifluoromethane	BRL	12		ug/Kg-dry	243834	1	06/08/2017 19:05	MD
Ethylbenzene	BRL	5.8		ug/Kg-dry	243834	1	06/08/2017 19:05	MD
Freon-113	BRL	12		ug/Kg-dry	243834	1	06/08/2017 19:05	MD
Isopropylbenzene	BRL	5.8		ug/Kg-dry	243834	1	06/08/2017 19:05	MD
m,p-Xylene	BRL	5.8		ug/Kg-dry	243834	1	06/08/2017 19:05	MD
Methyl acetate	BRL	5.8		ug/Kg-dry	243834	1	06/08/2017 19:05	MD
Methyl tert-butyl ether	BRL	5.8		ug/Kg-dry	243834	1	06/08/2017 19:05	MD
Methylcyclohexane	8.4	5.8		ug/Kg-dry	243834	1	06/08/2017 19:05	MD
Methylene chloride	BRL	23		ug/Kg-dry	243834	1	06/08/2017 19:05	MD
o-Xylene	BRL	5.8		ug/Kg-dry	243834	1	06/08/2017 19:05	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

Date: 12-Jun-17

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1706259-003

Client Sample ID: 17153-S-4-0.5
Collection Date: 6/2/2017 8:54:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	5.8		ug/Kg-dry	243834	1	06/08/2017 19:05	MD
Tetrachloroethene	BRL	5.8		ug/Kg-dry	243834	1	06/08/2017 19:05	MD
Toluene	9.2	5.8		ug/Kg-dry	243834	1	06/08/2017 19:05	MD
trans-1,2-Dichloroethene	BRL	5.8		ug/Kg-dry	243834	1	06/08/2017 19:05	MD
trans-1,3-Dichloropropene	BRL	5.8		ug/Kg-dry	243834	1	06/08/2017 19:05	MD
Trichloroethene	BRL	5.8		ug/Kg-dry	243834	1	06/08/2017 19:05	MD
Trichlorofluoromethane	BRL	5.8		ug/Kg-dry	243834	1	06/08/2017 19:05	MD
Vinyl chloride	BRL	12		ug/Kg-dry	243834	1	06/08/2017 19:05	MD
Surr: 4-Bromofluorobenzene	58.2	63-125	S	%REC	243834	1	06/08/2017 19:05	MD
Surr: Dibromofluoromethane	123	69.9-123		%REC	243834	1	06/08/2017 19:05	MD
Surr: Toluene-d8	88.5	70-122		%REC	243834	1	06/08/2017 19:05	MD
METALS, TOTAL SW6010D				(SW3050B)				
Arsenic	71.7	7.83		mg/Kg-dry	243665	1	06/07/2017 20:17	IO
Chromium	13.0	3.92		mg/Kg-dry	243665	1	06/07/2017 20:17	IO
Lead	24.6	7.83		mg/Kg-dry	243665	1	06/07/2017 20:17	IO
PERCENT MOISTURE D2216								
Percent Moisture	37.4	0		wt%	R344800	1	06/06/2017 11:00	JC

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: 12-Jun-17

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1706259-004

Client Sample ID: 17153-S-4-1
Collection Date: 6/2/2017 8:57:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	6.4		ug/Kg-dry	243834	1	06/08/2017 14:20	MD
1,1,2,2-Tetrachloroethane	BRL	6.4		ug/Kg-dry	243834	1	06/08/2017 14:20	MD
1,1,2-Trichloroethane	BRL	6.4		ug/Kg-dry	243834	1	06/08/2017 14:20	MD
1,1-Dichloroethane	BRL	6.4		ug/Kg-dry	243834	1	06/08/2017 14:20	MD
1,1-Dichloroethene	BRL	6.4		ug/Kg-dry	243834	1	06/08/2017 14:20	MD
1,2,4-Trichlorobenzene	BRL	6.4		ug/Kg-dry	243834	1	06/08/2017 14:20	MD
1,2-Dibromo-3-chloropropane	BRL	6.4		ug/Kg-dry	243834	1	06/08/2017 14:20	MD
1,2-Dibromoethane	BRL	6.4		ug/Kg-dry	243834	1	06/08/2017 14:20	MD
1,2-Dichlorobenzene	BRL	6.4		ug/Kg-dry	243834	1	06/08/2017 14:20	MD
1,2-Dichloroethane	BRL	6.4		ug/Kg-dry	243834	1	06/08/2017 14:20	MD
1,2-Dichloropropane	BRL	6.4		ug/Kg-dry	243834	1	06/08/2017 14:20	MD
1,3-Dichlorobenzene	BRL	6.4		ug/Kg-dry	243834	1	06/08/2017 14:20	MD
1,4-Dichlorobenzene	BRL	6.4		ug/Kg-dry	243834	1	06/08/2017 14:20	MD
2-Butanone	BRL	64		ug/Kg-dry	243834	1	06/08/2017 14:20	MD
2-Hexanone	BRL	13		ug/Kg-dry	243834	1	06/08/2017 14:20	MD
4-Methyl-2-pentanone	BRL	13		ug/Kg-dry	243834	1	06/08/2017 14:20	MD
Acetone	160	130		ug/Kg-dry	243834	1	06/08/2017 14:20	MD
Benzene	BRL	6.4		ug/Kg-dry	243834	1	06/08/2017 14:20	MD
Bromodichloromethane	BRL	6.4		ug/Kg-dry	243834	1	06/08/2017 14:20	MD
Bromoform	BRL	6.4		ug/Kg-dry	243834	1	06/08/2017 14:20	MD
Bromomethane	BRL	6.4		ug/Kg-dry	243834	1	06/08/2017 14:20	MD
Carbon disulfide	BRL	13		ug/Kg-dry	243834	1	06/08/2017 14:20	MD
Carbon tetrachloride	BRL	6.4		ug/Kg-dry	243834	1	06/08/2017 14:20	MD
Chlorobenzene	BRL	6.4		ug/Kg-dry	243834	1	06/08/2017 14:20	MD
Chloroethane	BRL	13		ug/Kg-dry	243834	1	06/08/2017 14:20	MD
Chloroform	BRL	6.4		ug/Kg-dry	243834	1	06/08/2017 14:20	MD
Chloromethane	BRL	13		ug/Kg-dry	243834	1	06/08/2017 14:20	MD
cis-1,2-Dichloroethene	BRL	6.4		ug/Kg-dry	243834	1	06/08/2017 14:20	MD
cis-1,3-Dichloropropene	BRL	6.4		ug/Kg-dry	243834	1	06/08/2017 14:20	MD
Cyclohexane	BRL	6.4		ug/Kg-dry	243834	1	06/08/2017 14:20	MD
Dibromochloromethane	BRL	6.4		ug/Kg-dry	243834	1	06/08/2017 14:20	MD
Dichlorodifluoromethane	BRL	13		ug/Kg-dry	243834	1	06/08/2017 14:20	MD
Ethylbenzene	BRL	6.4		ug/Kg-dry	243834	1	06/08/2017 14:20	MD
Freon-113	BRL	13		ug/Kg-dry	243834	1	06/08/2017 14:20	MD
Isopropylbenzene	BRL	6.4		ug/Kg-dry	243834	1	06/08/2017 14:20	MD
m,p-Xylene	BRL	6.4		ug/Kg-dry	243834	1	06/08/2017 14:20	MD
Methyl acetate	BRL	6.4		ug/Kg-dry	243834	1	06/08/2017 14:20	MD
Methyl tert-butyl ether	BRL	6.4		ug/Kg-dry	243834	1	06/08/2017 14:20	MD
Methylcyclohexane	8.0	6.4		ug/Kg-dry	243834	1	06/08/2017 14:20	MD
Methylene chloride	BRL	25		ug/Kg-dry	243834	1	06/08/2017 14:20	MD
o-Xylene	BRL	6.4		ug/Kg-dry	243834	1	06/08/2017 14:20	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

Date: 12-Jun-17

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1706259-004

Client Sample ID: 17153-S-4-1
Collection Date: 6/2/2017 8:57:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	6.4		ug/Kg-dry	243834	1	06/08/2017 14:20	MD
Tetrachloroethene	BRL	6.4		ug/Kg-dry	243834	1	06/08/2017 14:20	MD
Toluene	BRL	6.4		ug/Kg-dry	243834	1	06/08/2017 14:20	MD
trans-1,2-Dichloroethene	BRL	6.4		ug/Kg-dry	243834	1	06/08/2017 14:20	MD
trans-1,3-Dichloropropene	BRL	6.4		ug/Kg-dry	243834	1	06/08/2017 14:20	MD
Trichloroethene	BRL	6.4		ug/Kg-dry	243834	1	06/08/2017 14:20	MD
Trichlorofluoromethane	BRL	6.4		ug/Kg-dry	243834	1	06/08/2017 14:20	MD
Vinyl chloride	BRL	13		ug/Kg-dry	243834	1	06/08/2017 14:20	MD
Surr: 4-Bromofluorobenzene	71.7	63-125		%REC	243834	1	06/08/2017 14:20	MD
Surr: Dibromofluoromethane	118	69.9-123		%REC	243834	1	06/08/2017 14:20	MD
Surr: Toluene-d8	88.9	70-122		%REC	243834	1	06/08/2017 14:20	MD
METALS, TOTAL SW6010D				(SW3050B)				
Arsenic	83.6	7.51		mg/Kg-dry	243665	1	06/07/2017 20:20	IO
Chromium	22.9	3.76		mg/Kg-dry	243665	1	06/07/2017 20:20	IO
Lead	30.2	7.51		mg/Kg-dry	243665	1	06/07/2017 20:20	IO
PERCENT MOISTURE D2216								
Percent Moisture	34.3	0		wt%	R344800	1	06/06/2017 11:00	JC

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: 12-Jun-17

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1706259-005

Client Sample ID: 17153-S-5-0.5
Collection Date: 6/2/2017 9:03:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	3.6		ug/Kg-dry	243834	1	06/08/2017 14:45	MD
1,1,2,2-Tetrachloroethane	BRL	3.6		ug/Kg-dry	243834	1	06/08/2017 14:45	MD
1,1,2-Trichloroethane	BRL	3.6		ug/Kg-dry	243834	1	06/08/2017 14:45	MD
1,1-Dichloroethane	BRL	3.6		ug/Kg-dry	243834	1	06/08/2017 14:45	MD
1,1-Dichloroethene	BRL	3.6		ug/Kg-dry	243834	1	06/08/2017 14:45	MD
1,2,4-Trichlorobenzene	BRL	3.6		ug/Kg-dry	243834	1	06/08/2017 14:45	MD
1,2-Dibromo-3-chloropropane	BRL	3.6		ug/Kg-dry	243834	1	06/08/2017 14:45	MD
1,2-Dibromoethane	BRL	3.6		ug/Kg-dry	243834	1	06/08/2017 14:45	MD
1,2-Dichlorobenzene	BRL	3.6		ug/Kg-dry	243834	1	06/08/2017 14:45	MD
1,2-Dichloroethane	BRL	3.6		ug/Kg-dry	243834	1	06/08/2017 14:45	MD
1,2-Dichloropropane	BRL	3.6		ug/Kg-dry	243834	1	06/08/2017 14:45	MD
1,3-Dichlorobenzene	BRL	3.6		ug/Kg-dry	243834	1	06/08/2017 14:45	MD
1,4-Dichlorobenzene	BRL	3.6		ug/Kg-dry	243834	1	06/08/2017 14:45	MD
2-Butanone	BRL	36		ug/Kg-dry	243834	1	06/08/2017 14:45	MD
2-Hexanone	BRL	7.3		ug/Kg-dry	243834	1	06/08/2017 14:45	MD
4-Methyl-2-pentanone	BRL	7.3		ug/Kg-dry	243834	1	06/08/2017 14:45	MD
Acetone	110	73		ug/Kg-dry	243834	1	06/08/2017 14:45	MD
Benzene	BRL	3.6		ug/Kg-dry	243834	1	06/08/2017 14:45	MD
Bromodichloromethane	BRL	3.6		ug/Kg-dry	243834	1	06/08/2017 14:45	MD
Bromoform	BRL	3.6		ug/Kg-dry	243834	1	06/08/2017 14:45	MD
Bromomethane	BRL	3.6		ug/Kg-dry	243834	1	06/08/2017 14:45	MD
Carbon disulfide	BRL	7.3		ug/Kg-dry	243834	1	06/08/2017 14:45	MD
Carbon tetrachloride	BRL	3.6		ug/Kg-dry	243834	1	06/08/2017 14:45	MD
Chlorobenzene	BRL	3.6		ug/Kg-dry	243834	1	06/08/2017 14:45	MD
Chloroethane	BRL	7.3		ug/Kg-dry	243834	1	06/08/2017 14:45	MD
Chloroform	BRL	3.6		ug/Kg-dry	243834	1	06/08/2017 14:45	MD
Chloromethane	BRL	7.3		ug/Kg-dry	243834	1	06/08/2017 14:45	MD
cis-1,2-Dichloroethene	BRL	3.6		ug/Kg-dry	243834	1	06/08/2017 14:45	MD
cis-1,3-Dichloropropene	BRL	3.6		ug/Kg-dry	243834	1	06/08/2017 14:45	MD
Cyclohexane	BRL	3.6		ug/Kg-dry	243834	1	06/08/2017 14:45	MD
Dibromochloromethane	BRL	3.6		ug/Kg-dry	243834	1	06/08/2017 14:45	MD
Dichlorodifluoromethane	BRL	7.3		ug/Kg-dry	243834	1	06/08/2017 14:45	MD
Ethylbenzene	BRL	3.6		ug/Kg-dry	243834	1	06/08/2017 14:45	MD
Freon-113	BRL	7.3		ug/Kg-dry	243834	1	06/08/2017 14:45	MD
Isopropylbenzene	BRL	3.6		ug/Kg-dry	243834	1	06/08/2017 14:45	MD
m,p-Xylene	BRL	3.6		ug/Kg-dry	243834	1	06/08/2017 14:45	MD
Methyl acetate	BRL	3.6		ug/Kg-dry	243834	1	06/08/2017 14:45	MD
Methyl tert-butyl ether	BRL	3.6		ug/Kg-dry	243834	1	06/08/2017 14:45	MD
Methylcyclohexane	BRL	3.6		ug/Kg-dry	243834	1	06/08/2017 14:45	MD
Methylene chloride	BRL	15		ug/Kg-dry	243834	1	06/08/2017 14:45	MD
o-Xylene	BRL	3.6		ug/Kg-dry	243834	1	06/08/2017 14:45	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
Date: 12-Jun-17

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1706259-005

Client Sample ID: 17153-S-5-0.5
Collection Date: 6/2/2017 9:03:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	3.6		ug/Kg-dry	243834	1	06/08/2017 14:45	MD
Tetrachloroethene	BRL	3.6		ug/Kg-dry	243834	1	06/08/2017 14:45	MD
Toluene	BRL	3.6		ug/Kg-dry	243834	1	06/08/2017 14:45	MD
trans-1,2-Dichloroethene	BRL	3.6		ug/Kg-dry	243834	1	06/08/2017 14:45	MD
trans-1,3-Dichloropropene	BRL	3.6		ug/Kg-dry	243834	1	06/08/2017 14:45	MD
Trichloroethene	BRL	3.6		ug/Kg-dry	243834	1	06/08/2017 14:45	MD
Trichlorofluoromethane	BRL	3.6		ug/Kg-dry	243834	1	06/08/2017 14:45	MD
Vinyl chloride	BRL	7.3		ug/Kg-dry	243834	1	06/08/2017 14:45	MD
Surr: 4-Bromofluorobenzene	90.9	63-125		%REC	243834	1	06/08/2017 14:45	MD
Surr: Dibromofluoromethane	104	69.9-123		%REC	243834	1	06/08/2017 14:45	MD
Surr: Toluene-d8	98.4	70-122		%REC	243834	1	06/08/2017 14:45	MD
METALS, TOTAL SW6010D				(SW3050B)				
Arsenic	8.51	6.38		mg/Kg-dry	243665	1	06/07/2017 20:23	IO
Chromium	48.5	3.19		mg/Kg-dry	243665	1	06/07/2017 20:23	IO
Lead	42.4	6.38		mg/Kg-dry	243665	1	06/07/2017 20:23	IO
PERCENT MOISTURE D2216								
Percent Moisture	27.9	0		wt%	R344800	1	06/06/2017 11:00	JC

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: 12-Jun-17

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1706259-006

Client Sample ID: 17153-S-5-1
Collection Date: 6/2/2017 9:07:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	4.6		ug/Kg-dry	243834	1	06/08/2017 15:10	MD
1,1,2,2-Tetrachloroethane	BRL	4.6		ug/Kg-dry	243834	1	06/08/2017 15:10	MD
1,1,2-Trichloroethane	BRL	4.6		ug/Kg-dry	243834	1	06/08/2017 15:10	MD
1,1-Dichloroethane	BRL	4.6		ug/Kg-dry	243834	1	06/08/2017 15:10	MD
1,1-Dichloroethene	BRL	4.6		ug/Kg-dry	243834	1	06/08/2017 15:10	MD
1,2,4-Trichlorobenzene	BRL	4.6		ug/Kg-dry	243834	1	06/08/2017 15:10	MD
1,2-Dibromo-3-chloropropane	BRL	4.6		ug/Kg-dry	243834	1	06/08/2017 15:10	MD
1,2-Dibromoethane	BRL	4.6		ug/Kg-dry	243834	1	06/08/2017 15:10	MD
1,2-Dichlorobenzene	BRL	4.6		ug/Kg-dry	243834	1	06/08/2017 15:10	MD
1,2-Dichloroethane	BRL	4.6		ug/Kg-dry	243834	1	06/08/2017 15:10	MD
1,2-Dichloropropane	BRL	4.6		ug/Kg-dry	243834	1	06/08/2017 15:10	MD
1,3-Dichlorobenzene	BRL	4.6		ug/Kg-dry	243834	1	06/08/2017 15:10	MD
1,4-Dichlorobenzene	BRL	4.6		ug/Kg-dry	243834	1	06/08/2017 15:10	MD
2-Butanone	BRL	46		ug/Kg-dry	243834	1	06/08/2017 15:10	MD
2-Hexanone	BRL	9.1		ug/Kg-dry	243834	1	06/08/2017 15:10	MD
4-Methyl-2-pentanone	BRL	9.1		ug/Kg-dry	243834	1	06/08/2017 15:10	MD
Acetone	100	91		ug/Kg-dry	243834	1	06/08/2017 15:10	MD
Benzene	BRL	4.6		ug/Kg-dry	243834	1	06/08/2017 15:10	MD
Bromodichloromethane	BRL	4.6		ug/Kg-dry	243834	1	06/08/2017 15:10	MD
Bromoform	BRL	4.6		ug/Kg-dry	243834	1	06/08/2017 15:10	MD
Bromomethane	BRL	4.6		ug/Kg-dry	243834	1	06/08/2017 15:10	MD
Carbon disulfide	BRL	9.1		ug/Kg-dry	243834	1	06/08/2017 15:10	MD
Carbon tetrachloride	BRL	4.6		ug/Kg-dry	243834	1	06/08/2017 15:10	MD
Chlorobenzene	BRL	4.6		ug/Kg-dry	243834	1	06/08/2017 15:10	MD
Chloroethane	BRL	9.1		ug/Kg-dry	243834	1	06/08/2017 15:10	MD
Chloroform	BRL	4.6		ug/Kg-dry	243834	1	06/08/2017 15:10	MD
Chloromethane	BRL	9.1		ug/Kg-dry	243834	1	06/08/2017 15:10	MD
cis-1,2-Dichloroethene	BRL	4.6		ug/Kg-dry	243834	1	06/08/2017 15:10	MD
cis-1,3-Dichloropropene	BRL	4.6		ug/Kg-dry	243834	1	06/08/2017 15:10	MD
Cyclohexane	BRL	4.6		ug/Kg-dry	243834	1	06/08/2017 15:10	MD
Dibromochloromethane	BRL	4.6		ug/Kg-dry	243834	1	06/08/2017 15:10	MD
Dichlorodifluoromethane	BRL	9.1		ug/Kg-dry	243834	1	06/08/2017 15:10	MD
Ethylbenzene	BRL	4.6		ug/Kg-dry	243834	1	06/08/2017 15:10	MD
Freon-113	BRL	9.1		ug/Kg-dry	243834	1	06/08/2017 15:10	MD
Isopropylbenzene	BRL	4.6		ug/Kg-dry	243834	1	06/08/2017 15:10	MD
m,p-Xylene	BRL	4.6		ug/Kg-dry	243834	1	06/08/2017 15:10	MD
Methyl acetate	BRL	4.6		ug/Kg-dry	243834	1	06/08/2017 15:10	MD
Methyl tert-butyl ether	BRL	4.6		ug/Kg-dry	243834	1	06/08/2017 15:10	MD
Methylcyclohexane	BRL	4.6		ug/Kg-dry	243834	1	06/08/2017 15:10	MD
Methylene chloride	BRL	18		ug/Kg-dry	243834	1	06/08/2017 15:10	MD
o-Xylene	BRL	4.6		ug/Kg-dry	243834	1	06/08/2017 15:10	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

Date: 12-Jun-17

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1706259-006

Client Sample ID: 17153-S-5-1
Collection Date: 6/2/2017 9:07:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	4.6		ug/Kg-dry	243834	1	06/08/2017 15:10	MD
Tetrachloroethene	BRL	4.6		ug/Kg-dry	243834	1	06/08/2017 15:10	MD
Toluene	BRL	4.6		ug/Kg-dry	243834	1	06/08/2017 15:10	MD
trans-1,2-Dichloroethene	BRL	4.6		ug/Kg-dry	243834	1	06/08/2017 15:10	MD
trans-1,3-Dichloropropene	BRL	4.6		ug/Kg-dry	243834	1	06/08/2017 15:10	MD
Trichloroethene	BRL	4.6		ug/Kg-dry	243834	1	06/08/2017 15:10	MD
Trichlorofluoromethane	BRL	4.6		ug/Kg-dry	243834	1	06/08/2017 15:10	MD
Vinyl chloride	BRL	9.1		ug/Kg-dry	243834	1	06/08/2017 15:10	MD
Surr: 4-Bromofluorobenzene	76.5	63-125		%REC	243834	1	06/08/2017 15:10	MD
Surr: Dibromofluoromethane	114	69.9-123		%REC	243834	1	06/08/2017 15:10	MD
Surr: Toluene-d8	92.9	70-122		%REC	243834	1	06/08/2017 15:10	MD
METALS, TOTAL SW6010D				(SW3050B)				
Arsenic	7.00	6.81		mg/Kg-dry	243665	1	06/07/2017 20:26	IO
Chromium	31.3	3.41		mg/Kg-dry	243665	1	06/07/2017 20:26	IO
Lead	12.3	6.81		mg/Kg-dry	243665	1	06/07/2017 20:26	IO
PERCENT MOISTURE D2216								
Percent Moisture	26.9	0		wt%	R344800	1	06/06/2017 11:00	JC

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: 12-Jun-17

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1706259-007

Client Sample ID: 17153-S-6-0.5
Collection Date: 6/2/2017 9:15:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	3.1		ug/Kg-dry	243834	1	06/08/2017 15:36	MD
1,1,2,2-Tetrachloroethane	BRL	3.1		ug/Kg-dry	243834	1	06/08/2017 15:36	MD
1,1,2-Trichloroethane	BRL	3.1		ug/Kg-dry	243834	1	06/08/2017 15:36	MD
1,1-Dichloroethane	BRL	3.1		ug/Kg-dry	243834	1	06/08/2017 15:36	MD
1,1-Dichloroethene	BRL	3.1		ug/Kg-dry	243834	1	06/08/2017 15:36	MD
1,2,4-Trichlorobenzene	BRL	3.1		ug/Kg-dry	243834	1	06/08/2017 15:36	MD
1,2-Dibromo-3-chloropropane	BRL	3.1		ug/Kg-dry	243834	1	06/08/2017 15:36	MD
1,2-Dibromoethane	BRL	3.1		ug/Kg-dry	243834	1	06/08/2017 15:36	MD
1,2-Dichlorobenzene	BRL	3.1		ug/Kg-dry	243834	1	06/08/2017 15:36	MD
1,2-Dichloroethane	BRL	3.1		ug/Kg-dry	243834	1	06/08/2017 15:36	MD
1,2-Dichloropropane	BRL	3.1		ug/Kg-dry	243834	1	06/08/2017 15:36	MD
1,3-Dichlorobenzene	BRL	3.1		ug/Kg-dry	243834	1	06/08/2017 15:36	MD
1,4-Dichlorobenzene	BRL	3.1		ug/Kg-dry	243834	1	06/08/2017 15:36	MD
2-Butanone	BRL	31		ug/Kg-dry	243834	1	06/08/2017 15:36	MD
2-Hexanone	BRL	6.3		ug/Kg-dry	243834	1	06/08/2017 15:36	MD
4-Methyl-2-pentanone	BRL	6.3		ug/Kg-dry	243834	1	06/08/2017 15:36	MD
Acetone	BRL	63		ug/Kg-dry	243834	1	06/08/2017 15:36	MD
Benzene	BRL	3.1		ug/Kg-dry	243834	1	06/08/2017 15:36	MD
Bromodichloromethane	BRL	3.1		ug/Kg-dry	243834	1	06/08/2017 15:36	MD
Bromoform	BRL	3.1		ug/Kg-dry	243834	1	06/08/2017 15:36	MD
Bromomethane	BRL	3.1		ug/Kg-dry	243834	1	06/08/2017 15:36	MD
Carbon disulfide	BRL	6.3		ug/Kg-dry	243834	1	06/08/2017 15:36	MD
Carbon tetrachloride	BRL	3.1		ug/Kg-dry	243834	1	06/08/2017 15:36	MD
Chlorobenzene	BRL	3.1		ug/Kg-dry	243834	1	06/08/2017 15:36	MD
Chloroethane	BRL	6.3		ug/Kg-dry	243834	1	06/08/2017 15:36	MD
Chloroform	BRL	3.1		ug/Kg-dry	243834	1	06/08/2017 15:36	MD
Chloromethane	BRL	6.3		ug/Kg-dry	243834	1	06/08/2017 15:36	MD
cis-1,2-Dichloroethene	BRL	3.1		ug/Kg-dry	243834	1	06/08/2017 15:36	MD
cis-1,3-Dichloropropene	BRL	3.1		ug/Kg-dry	243834	1	06/08/2017 15:36	MD
Cyclohexane	BRL	3.1		ug/Kg-dry	243834	1	06/08/2017 15:36	MD
Dibromochloromethane	BRL	3.1		ug/Kg-dry	243834	1	06/08/2017 15:36	MD
Dichlorodifluoromethane	BRL	6.3		ug/Kg-dry	243834	1	06/08/2017 15:36	MD
Ethylbenzene	BRL	3.1		ug/Kg-dry	243834	1	06/08/2017 15:36	MD
Freon-113	BRL	6.3		ug/Kg-dry	243834	1	06/08/2017 15:36	MD
Isopropylbenzene	BRL	3.1		ug/Kg-dry	243834	1	06/08/2017 15:36	MD
m,p-Xylene	BRL	3.1		ug/Kg-dry	243834	1	06/08/2017 15:36	MD
Methyl acetate	BRL	3.1		ug/Kg-dry	243834	1	06/08/2017 15:36	MD
Methyl tert-butyl ether	BRL	3.1		ug/Kg-dry	243834	1	06/08/2017 15:36	MD
Methylcyclohexane	BRL	3.1		ug/Kg-dry	243834	1	06/08/2017 15:36	MD
Methylene chloride	BRL	13		ug/Kg-dry	243834	1	06/08/2017 15:36	MD
o-Xylene	BRL	3.1		ug/Kg-dry	243834	1	06/08/2017 15:36	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

Date: 12-Jun-17

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1706259-007

Client Sample ID: 17153-S-6-0.5
Collection Date: 6/2/2017 9:15:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	3.1		ug/Kg-dry	243834	1	06/08/2017 15:36	MD
Tetrachloroethene	BRL	3.1		ug/Kg-dry	243834	1	06/08/2017 15:36	MD
Toluene	BRL	3.1		ug/Kg-dry	243834	1	06/08/2017 15:36	MD
trans-1,2-Dichloroethene	BRL	3.1		ug/Kg-dry	243834	1	06/08/2017 15:36	MD
trans-1,3-Dichloropropene	BRL	3.1		ug/Kg-dry	243834	1	06/08/2017 15:36	MD
Trichloroethene	BRL	3.1		ug/Kg-dry	243834	1	06/08/2017 15:36	MD
Trichlorofluoromethane	BRL	3.1		ug/Kg-dry	243834	1	06/08/2017 15:36	MD
Vinyl chloride	BRL	6.3		ug/Kg-dry	243834	1	06/08/2017 15:36	MD
Surr: 4-Bromofluorobenzene	92.1	63-125		%REC	243834	1	06/08/2017 15:36	MD
Surr: Dibromofluoromethane	91.4	69.9-123		%REC	243834	1	06/08/2017 15:36	MD
Surr: Toluene-d8	99.8	70-122		%REC	243834	1	06/08/2017 15:36	MD
METALS, TOTAL SW6010D				(SW3050B)				
Arsenic	BRL	6.20		mg/Kg-dry	243665	1	06/07/2017 20:36	IO
Chromium	33.8	3.10		mg/Kg-dry	243665	1	06/07/2017 20:36	IO
Lead	23.4	6.20		mg/Kg-dry	243665	1	06/07/2017 20:36	IO
PERCENT MOISTURE D2216								
Percent Moisture	21.7	0		wt%	R344800	1	06/06/2017 11:00	JC

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: 12-Jun-17

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1706259-008

Client Sample ID: 17153-S-6-1
Collection Date: 6/2/2017 9:18:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	3.5		ug/Kg-dry	243860	1	06/09/2017 10:07	MD
1,1,2,2-Tetrachloroethane	BRL	3.5		ug/Kg-dry	243860	1	06/09/2017 10:07	MD
1,1,2-Trichloroethane	BRL	3.5		ug/Kg-dry	243860	1	06/09/2017 10:07	MD
1,1-Dichloroethane	BRL	3.5		ug/Kg-dry	243860	1	06/09/2017 10:07	MD
1,1-Dichloroethene	BRL	3.5		ug/Kg-dry	243860	1	06/09/2017 10:07	MD
1,2,4-Trichlorobenzene	BRL	3.5		ug/Kg-dry	243860	1	06/09/2017 10:07	MD
1,2-Dibromo-3-chloropropane	BRL	3.5		ug/Kg-dry	243860	1	06/09/2017 10:07	MD
1,2-Dibromoethane	BRL	3.5		ug/Kg-dry	243860	1	06/09/2017 10:07	MD
1,2-Dichlorobenzene	BRL	3.5		ug/Kg-dry	243860	1	06/09/2017 10:07	MD
1,2-Dichloroethane	BRL	3.5		ug/Kg-dry	243860	1	06/09/2017 10:07	MD
1,2-Dichloropropane	BRL	3.5		ug/Kg-dry	243860	1	06/09/2017 10:07	MD
1,3-Dichlorobenzene	BRL	3.5		ug/Kg-dry	243860	1	06/09/2017 10:07	MD
1,4-Dichlorobenzene	BRL	3.5		ug/Kg-dry	243860	1	06/09/2017 10:07	MD
2-Butanone	BRL	35		ug/Kg-dry	243860	1	06/09/2017 10:07	MD
2-Hexanone	BRL	7.0		ug/Kg-dry	243860	1	06/09/2017 10:07	MD
4-Methyl-2-pentanone	BRL	7.0		ug/Kg-dry	243860	1	06/09/2017 10:07	MD
Acetone	BRL	70		ug/Kg-dry	243860	1	06/09/2017 10:07	MD
Benzene	BRL	3.5		ug/Kg-dry	243860	1	06/09/2017 10:07	MD
Bromodichloromethane	BRL	3.5		ug/Kg-dry	243860	1	06/09/2017 10:07	MD
Bromoform	BRL	3.5		ug/Kg-dry	243860	1	06/09/2017 10:07	MD
Bromomethane	BRL	3.5		ug/Kg-dry	243860	1	06/09/2017 10:07	MD
Carbon disulfide	BRL	7.0		ug/Kg-dry	243860	1	06/09/2017 10:07	MD
Carbon tetrachloride	BRL	3.5		ug/Kg-dry	243860	1	06/09/2017 10:07	MD
Chlorobenzene	BRL	3.5		ug/Kg-dry	243860	1	06/09/2017 10:07	MD
Chloroethane	BRL	7.0		ug/Kg-dry	243860	1	06/09/2017 10:07	MD
Chloroform	BRL	3.5		ug/Kg-dry	243860	1	06/09/2017 10:07	MD
Chloromethane	BRL	7.0		ug/Kg-dry	243860	1	06/09/2017 10:07	MD
cis-1,2-Dichloroethene	BRL	3.5		ug/Kg-dry	243860	1	06/09/2017 10:07	MD
cis-1,3-Dichloropropene	BRL	3.5		ug/Kg-dry	243860	1	06/09/2017 10:07	MD
Cyclohexane	BRL	3.5		ug/Kg-dry	243860	1	06/09/2017 10:07	MD
Dibromochloromethane	BRL	3.5		ug/Kg-dry	243860	1	06/09/2017 10:07	MD
Dichlorodifluoromethane	BRL	7.0		ug/Kg-dry	243860	1	06/09/2017 10:07	MD
Ethylbenzene	BRL	3.5		ug/Kg-dry	243860	1	06/09/2017 10:07	MD
Freon-113	BRL	7.0		ug/Kg-dry	243860	1	06/09/2017 10:07	MD
Isopropylbenzene	BRL	3.5		ug/Kg-dry	243860	1	06/09/2017 10:07	MD
m,p-Xylene	BRL	3.5		ug/Kg-dry	243860	1	06/09/2017 10:07	MD
Methyl acetate	BRL	3.5		ug/Kg-dry	243860	1	06/09/2017 10:07	MD
Methyl tert-butyl ether	BRL	3.5		ug/Kg-dry	243860	1	06/09/2017 10:07	MD
Methylcyclohexane	BRL	3.5		ug/Kg-dry	243860	1	06/09/2017 10:07	MD
Methylene chloride	BRL	14		ug/Kg-dry	243860	1	06/09/2017 10:07	MD
o-Xylene	BRL	3.5		ug/Kg-dry	243860	1	06/09/2017 10:07	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

Date: 12-Jun-17

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1706259-008

Client Sample ID: 17153-S-6-1
Collection Date: 6/2/2017 9:18:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	3.5		ug/Kg-dry	243860	1	06/09/2017 10:07	MD
Tetrachloroethene	BRL	3.5		ug/Kg-dry	243860	1	06/09/2017 10:07	MD
Toluene	BRL	3.5		ug/Kg-dry	243860	1	06/09/2017 10:07	MD
trans-1,2-Dichloroethene	BRL	3.5		ug/Kg-dry	243860	1	06/09/2017 10:07	MD
trans-1,3-Dichloropropene	BRL	3.5		ug/Kg-dry	243860	1	06/09/2017 10:07	MD
Trichloroethene	BRL	3.5		ug/Kg-dry	243860	1	06/09/2017 10:07	MD
Trichlorofluoromethane	BRL	3.5		ug/Kg-dry	243860	1	06/09/2017 10:07	MD
Vinyl chloride	BRL	7.0		ug/Kg-dry	243860	1	06/09/2017 10:07	MD
Surr: 4-Bromofluorobenzene	58.6	63-125	S	%REC	243860	1	06/09/2017 10:07	MD
Surr: Dibromofluoromethane	89.1	69.9-123		%REC	243860	1	06/09/2017 10:07	MD
Surr: Toluene-d8	91.7	70-122		%REC	243860	1	06/09/2017 10:07	MD
METALS, TOTAL SW6010D				(SW3050B)				
Arsenic	BRL	6.28		mg/Kg-dry	243665	1	06/07/2017 20:39	IO
Chromium	63.1	3.14		mg/Kg-dry	243665	1	06/07/2017 20:39	IO
Lead	28.2	6.28		mg/Kg-dry	243665	1	06/07/2017 20:39	IO
PERCENT MOISTURE D2216								
Percent Moisture	20.5	0		wt%	R344800	1	06/06/2017 11:00	JC

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: 12-Jun-17

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1706259-009

Client Sample ID: 17153-SB-17-2
Collection Date: 6/2/2017 10:50:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	3.4		ug/Kg-dry	243860	1	06/08/2017 12:05	MD
1,1,2,2-Tetrachloroethane	BRL	3.4		ug/Kg-dry	243860	1	06/08/2017 12:05	MD
1,1,2-Trichloroethane	BRL	3.4		ug/Kg-dry	243860	1	06/08/2017 12:05	MD
1,1-Dichloroethane	BRL	3.4		ug/Kg-dry	243860	1	06/08/2017 12:05	MD
1,1-Dichloroethene	BRL	3.4		ug/Kg-dry	243860	1	06/08/2017 12:05	MD
1,2,4-Trichlorobenzene	BRL	3.4		ug/Kg-dry	243860	1	06/08/2017 12:05	MD
1,2-Dibromo-3-chloropropane	BRL	3.4		ug/Kg-dry	243860	1	06/08/2017 12:05	MD
1,2-Dibromoethane	BRL	3.4		ug/Kg-dry	243860	1	06/08/2017 12:05	MD
1,2-Dichlorobenzene	BRL	3.4		ug/Kg-dry	243860	1	06/08/2017 12:05	MD
1,2-Dichloroethane	BRL	3.4		ug/Kg-dry	243860	1	06/08/2017 12:05	MD
1,2-Dichloropropane	BRL	3.4		ug/Kg-dry	243860	1	06/08/2017 12:05	MD
1,3-Dichlorobenzene	BRL	3.4		ug/Kg-dry	243860	1	06/08/2017 12:05	MD
1,4-Dichlorobenzene	BRL	3.4		ug/Kg-dry	243860	1	06/08/2017 12:05	MD
2-Butanone	BRL	34		ug/Kg-dry	243860	1	06/08/2017 12:05	MD
2-Hexanone	BRL	6.7		ug/Kg-dry	243860	1	06/08/2017 12:05	MD
4-Methyl-2-pentanone	BRL	6.7		ug/Kg-dry	243860	1	06/08/2017 12:05	MD
Acetone	74	67		ug/Kg-dry	243860	1	06/08/2017 12:05	MD
Benzene	BRL	3.4		ug/Kg-dry	243860	1	06/08/2017 12:05	MD
Bromodichloromethane	BRL	3.4		ug/Kg-dry	243860	1	06/08/2017 12:05	MD
Bromoform	BRL	3.4		ug/Kg-dry	243860	1	06/08/2017 12:05	MD
Bromomethane	BRL	3.4		ug/Kg-dry	243860	1	06/08/2017 12:05	MD
Carbon disulfide	BRL	6.7		ug/Kg-dry	243860	1	06/08/2017 12:05	MD
Carbon tetrachloride	BRL	3.4		ug/Kg-dry	243860	1	06/08/2017 12:05	MD
Chlorobenzene	BRL	3.4		ug/Kg-dry	243860	1	06/08/2017 12:05	MD
Chloroethane	BRL	6.7		ug/Kg-dry	243860	1	06/08/2017 12:05	MD
Chloroform	BRL	3.4		ug/Kg-dry	243860	1	06/08/2017 12:05	MD
Chloromethane	BRL	6.7		ug/Kg-dry	243860	1	06/08/2017 12:05	MD
cis-1,2-Dichloroethene	BRL	3.4		ug/Kg-dry	243860	1	06/08/2017 12:05	MD
cis-1,3-Dichloropropene	BRL	3.4		ug/Kg-dry	243860	1	06/08/2017 12:05	MD
Cyclohexane	BRL	3.4		ug/Kg-dry	243860	1	06/08/2017 12:05	MD
Dibromochloromethane	BRL	3.4		ug/Kg-dry	243860	1	06/08/2017 12:05	MD
Dichlorodifluoromethane	BRL	6.7		ug/Kg-dry	243860	1	06/08/2017 12:05	MD
Ethylbenzene	BRL	3.4		ug/Kg-dry	243860	1	06/08/2017 12:05	MD
Freon-113	BRL	6.7		ug/Kg-dry	243860	1	06/08/2017 12:05	MD
Isopropylbenzene	BRL	3.4		ug/Kg-dry	243860	1	06/08/2017 12:05	MD
m,p-Xylene	BRL	3.4		ug/Kg-dry	243860	1	06/08/2017 12:05	MD
Methyl acetate	BRL	3.4		ug/Kg-dry	243860	1	06/08/2017 12:05	MD
Methyl tert-butyl ether	BRL	3.4		ug/Kg-dry	243860	1	06/08/2017 12:05	MD
Methylcyclohexane	BRL	3.4		ug/Kg-dry	243860	1	06/08/2017 12:05	MD
Methylene chloride	BRL	13		ug/Kg-dry	243860	1	06/08/2017 12:05	MD
o-Xylene	BRL	3.4		ug/Kg-dry	243860	1	06/08/2017 12:05	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
Date: 12-Jun-17

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1706259-009

Client Sample ID: 17153-SB-17-2
Collection Date: 6/2/2017 10:50:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	3.4		ug/Kg-dry	243860	1	06/08/2017 12:05	MD
Tetrachloroethene	7.8	3.4		ug/Kg-dry	243860	1	06/08/2017 12:05	MD
Toluene	BRL	3.4		ug/Kg-dry	243860	1	06/08/2017 12:05	MD
trans-1,2-Dichloroethene	BRL	3.4		ug/Kg-dry	243860	1	06/08/2017 12:05	MD
trans-1,3-Dichloropropene	BRL	3.4		ug/Kg-dry	243860	1	06/08/2017 12:05	MD
Trichloroethene	BRL	3.4		ug/Kg-dry	243860	1	06/08/2017 12:05	MD
Trichlorofluoromethane	BRL	3.4		ug/Kg-dry	243860	1	06/08/2017 12:05	MD
Vinyl chloride	BRL	6.7		ug/Kg-dry	243860	1	06/08/2017 12:05	MD
Surr: 4-Bromofluorobenzene	91	63-125		%REC	243860	1	06/08/2017 12:05	MD
Surr: Dibromofluoromethane	103	69.9-123		%REC	243860	1	06/08/2017 12:05	MD
Surr: Toluene-d8	98.4	70-122		%REC	243860	1	06/08/2017 12:05	MD
PERCENT MOISTURE D2216								
Percent Moisture	19.0	0		wt%	R344800	1	06/06/2017 11:00	JC

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: 12-Jun-17

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1706259-010

Client Sample ID: 17153-SB-17-4
Collection Date: 6/2/2017 10:54:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	3.0		ug/Kg-dry	243860	1	06/08/2017 12:28	MD
1,1,2,2-Tetrachloroethane	BRL	3.0		ug/Kg-dry	243860	1	06/08/2017 12:28	MD
1,1,2-Trichloroethane	BRL	3.0		ug/Kg-dry	243860	1	06/08/2017 12:28	MD
1,1-Dichloroethane	BRL	3.0		ug/Kg-dry	243860	1	06/08/2017 12:28	MD
1,1-Dichloroethene	BRL	3.0		ug/Kg-dry	243860	1	06/08/2017 12:28	MD
1,2,4-Trichlorobenzene	BRL	3.0		ug/Kg-dry	243860	1	06/08/2017 12:28	MD
1,2-Dibromo-3-chloropropane	BRL	3.0		ug/Kg-dry	243860	1	06/08/2017 12:28	MD
1,2-Dibromoethane	BRL	3.0		ug/Kg-dry	243860	1	06/08/2017 12:28	MD
1,2-Dichlorobenzene	BRL	3.0		ug/Kg-dry	243860	1	06/08/2017 12:28	MD
1,2-Dichloroethane	BRL	3.0		ug/Kg-dry	243860	1	06/08/2017 12:28	MD
1,2-Dichloropropane	BRL	3.0		ug/Kg-dry	243860	1	06/08/2017 12:28	MD
1,3-Dichlorobenzene	BRL	3.0		ug/Kg-dry	243860	1	06/08/2017 12:28	MD
1,4-Dichlorobenzene	BRL	3.0		ug/Kg-dry	243860	1	06/08/2017 12:28	MD
2-Butanone	BRL	30		ug/Kg-dry	243860	1	06/08/2017 12:28	MD
2-Hexanone	BRL	5.9		ug/Kg-dry	243860	1	06/08/2017 12:28	MD
4-Methyl-2-pentanone	BRL	5.9		ug/Kg-dry	243860	1	06/08/2017 12:28	MD
Acetone	75	59		ug/Kg-dry	243860	1	06/08/2017 12:28	MD
Benzene	BRL	3.0		ug/Kg-dry	243860	1	06/08/2017 12:28	MD
Bromodichloromethane	BRL	3.0		ug/Kg-dry	243860	1	06/08/2017 12:28	MD
Bromoform	BRL	3.0		ug/Kg-dry	243860	1	06/08/2017 12:28	MD
Bromomethane	BRL	3.0		ug/Kg-dry	243860	1	06/08/2017 12:28	MD
Carbon disulfide	BRL	5.9		ug/Kg-dry	243860	1	06/08/2017 12:28	MD
Carbon tetrachloride	BRL	3.0		ug/Kg-dry	243860	1	06/08/2017 12:28	MD
Chlorobenzene	BRL	3.0		ug/Kg-dry	243860	1	06/08/2017 12:28	MD
Chloroethane	BRL	5.9		ug/Kg-dry	243860	1	06/08/2017 12:28	MD
Chloroform	BRL	3.0		ug/Kg-dry	243860	1	06/08/2017 12:28	MD
Chloromethane	BRL	5.9		ug/Kg-dry	243860	1	06/08/2017 12:28	MD
cis-1,2-Dichloroethene	BRL	3.0		ug/Kg-dry	243860	1	06/08/2017 12:28	MD
cis-1,3-Dichloropropene	BRL	3.0		ug/Kg-dry	243860	1	06/08/2017 12:28	MD
Cyclohexane	BRL	3.0		ug/Kg-dry	243860	1	06/08/2017 12:28	MD
Dibromochloromethane	BRL	3.0		ug/Kg-dry	243860	1	06/08/2017 12:28	MD
Dichlorodifluoromethane	BRL	5.9		ug/Kg-dry	243860	1	06/08/2017 12:28	MD
Ethylbenzene	BRL	3.0		ug/Kg-dry	243860	1	06/08/2017 12:28	MD
Freon-113	BRL	5.9		ug/Kg-dry	243860	1	06/08/2017 12:28	MD
Isopropylbenzene	BRL	3.0		ug/Kg-dry	243860	1	06/08/2017 12:28	MD
m,p-Xylene	BRL	3.0		ug/Kg-dry	243860	1	06/08/2017 12:28	MD
Methyl acetate	BRL	3.0		ug/Kg-dry	243860	1	06/08/2017 12:28	MD
Methyl tert-butyl ether	BRL	3.0		ug/Kg-dry	243860	1	06/08/2017 12:28	MD
Methylcyclohexane	BRL	3.0		ug/Kg-dry	243860	1	06/08/2017 12:28	MD
Methylene chloride	BRL	12		ug/Kg-dry	243860	1	06/08/2017 12:28	MD
o-Xylene	BRL	3.0		ug/Kg-dry	243860	1	06/08/2017 12:28	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

Date: 12-Jun-17

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1706259-010

Client Sample ID: 17153-SB-17-4
Collection Date: 6/2/2017 10:54:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	3.0		ug/Kg-dry	243860	1	06/08/2017 12:28	MD
Tetrachloroethene	BRL	3.0		ug/Kg-dry	243860	1	06/08/2017 12:28	MD
Toluene	BRL	3.0		ug/Kg-dry	243860	1	06/08/2017 12:28	MD
trans-1,2-Dichloroethene	BRL	3.0		ug/Kg-dry	243860	1	06/08/2017 12:28	MD
trans-1,3-Dichloropropene	BRL	3.0		ug/Kg-dry	243860	1	06/08/2017 12:28	MD
Trichloroethene	BRL	3.0		ug/Kg-dry	243860	1	06/08/2017 12:28	MD
Trichlorofluoromethane	BRL	3.0		ug/Kg-dry	243860	1	06/08/2017 12:28	MD
Vinyl chloride	BRL	5.9		ug/Kg-dry	243860	1	06/08/2017 12:28	MD
Surr: 4-Bromofluorobenzene	94.6	63-125		%REC	243860	1	06/08/2017 12:28	MD
Surr: Dibromofluoromethane	104	69.9-123		%REC	243860	1	06/08/2017 12:28	MD
Surr: Toluene-d8	104	70-122		%REC	243860	1	06/08/2017 12:28	MD
PERCENT MOISTURE D2216								
Percent Moisture	28.3	0		wt%	R344800	1	06/06/2017 11:00	JC

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: 12-Jun-17

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1706259-011

Client Sample ID: 17153-SB-18-2
Collection Date: 6/2/2017 12:14:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 12:52	MD
1,1,2,2-Tetrachloroethane	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 12:52	MD
1,1,2-Trichloroethane	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 12:52	MD
1,1-Dichloroethane	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 12:52	MD
1,1-Dichloroethene	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 12:52	MD
1,2,4-Trichlorobenzene	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 12:52	MD
1,2-Dibromo-3-chloropropane	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 12:52	MD
1,2-Dibromoethane	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 12:52	MD
1,2-Dichlorobenzene	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 12:52	MD
1,2-Dichloroethane	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 12:52	MD
1,2-Dichloropropane	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 12:52	MD
1,3-Dichlorobenzene	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 12:52	MD
1,4-Dichlorobenzene	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 12:52	MD
2-Butanone	BRL	40		ug/Kg-dry	243860	1	06/08/2017 12:52	MD
2-Hexanone	BRL	8.1		ug/Kg-dry	243860	1	06/08/2017 12:52	MD
4-Methyl-2-pentanone	BRL	8.1		ug/Kg-dry	243860	1	06/08/2017 12:52	MD
Acetone	BRL	81		ug/Kg-dry	243860	1	06/08/2017 12:52	MD
Benzene	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 12:52	MD
Bromodichloromethane	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 12:52	MD
Bromoform	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 12:52	MD
Bromomethane	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 12:52	MD
Carbon disulfide	BRL	8.1		ug/Kg-dry	243860	1	06/08/2017 12:52	MD
Carbon tetrachloride	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 12:52	MD
Chlorobenzene	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 12:52	MD
Chloroethane	BRL	8.1		ug/Kg-dry	243860	1	06/08/2017 12:52	MD
Chloroform	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 12:52	MD
Chloromethane	BRL	8.1		ug/Kg-dry	243860	1	06/08/2017 12:52	MD
cis-1,2-Dichloroethene	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 12:52	MD
cis-1,3-Dichloropropene	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 12:52	MD
Cyclohexane	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 12:52	MD
Dibromochloromethane	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 12:52	MD
Dichlorodifluoromethane	BRL	8.1		ug/Kg-dry	243860	1	06/08/2017 12:52	MD
Ethylbenzene	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 12:52	MD
Freon-113	BRL	8.1		ug/Kg-dry	243860	1	06/08/2017 12:52	MD
Isopropylbenzene	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 12:52	MD
m,p-Xylene	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 12:52	MD
Methyl acetate	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 12:52	MD
Methyl tert-butyl ether	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 12:52	MD
Methylcyclohexane	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 12:52	MD
Methylene chloride	BRL	16		ug/Kg-dry	243860	1	06/08/2017 12:52	MD
o-Xylene	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 12:52	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

Date: 12-Jun-17

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1706259-011

Client Sample ID: 17153-SB-18-2
Collection Date: 6/2/2017 12:14:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 12:52	MD
Tetrachloroethene	4.3	4.0		ug/Kg-dry	243860	1	06/08/2017 12:52	MD
Toluene	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 12:52	MD
trans-1,2-Dichloroethene	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 12:52	MD
trans-1,3-Dichloropropene	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 12:52	MD
Trichloroethene	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 12:52	MD
Trichlorofluoromethane	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 12:52	MD
Vinyl chloride	BRL	8.1		ug/Kg-dry	243860	1	06/08/2017 12:52	MD
Surr: 4-Bromofluorobenzene	84.6	63-125		%REC	243860	1	06/08/2017 12:52	MD
Surr: Dibromofluoromethane	96.4	69.9-123		%REC	243860	1	06/08/2017 12:52	MD
Surr: Toluene-d8	100	70-122		%REC	243860	1	06/08/2017 12:52	MD
PERCENT MOISTURE D2216								
Percent Moisture	31.6	0		wt%	R344800	1	06/06/2017 11:00	JC

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: 12-Jun-17

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1706259-012

Client Sample ID: 17153-SB-18-4
Collection Date: 6/2/2017 12:20:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	3.4		ug/Kg-dry	243860	1	06/08/2017 13:16	MD
1,1,2,2-Tetrachloroethane	BRL	3.4		ug/Kg-dry	243860	1	06/08/2017 13:16	MD
1,1,2-Trichloroethane	BRL	3.4		ug/Kg-dry	243860	1	06/08/2017 13:16	MD
1,1-Dichloroethane	BRL	3.4		ug/Kg-dry	243860	1	06/08/2017 13:16	MD
1,1-Dichloroethene	BRL	3.4		ug/Kg-dry	243860	1	06/08/2017 13:16	MD
1,2,4-Trichlorobenzene	BRL	3.4		ug/Kg-dry	243860	1	06/08/2017 13:16	MD
1,2-Dibromo-3-chloropropane	BRL	3.4		ug/Kg-dry	243860	1	06/08/2017 13:16	MD
1,2-Dibromoethane	BRL	3.4		ug/Kg-dry	243860	1	06/08/2017 13:16	MD
1,2-Dichlorobenzene	BRL	3.4		ug/Kg-dry	243860	1	06/08/2017 13:16	MD
1,2-Dichloroethane	BRL	3.4		ug/Kg-dry	243860	1	06/08/2017 13:16	MD
1,2-Dichloropropane	BRL	3.4		ug/Kg-dry	243860	1	06/08/2017 13:16	MD
1,3-Dichlorobenzene	BRL	3.4		ug/Kg-dry	243860	1	06/08/2017 13:16	MD
1,4-Dichlorobenzene	BRL	3.4		ug/Kg-dry	243860	1	06/08/2017 13:16	MD
2-Butanone	BRL	34		ug/Kg-dry	243860	1	06/08/2017 13:16	MD
2-Hexanone	BRL	6.7		ug/Kg-dry	243860	1	06/08/2017 13:16	MD
4-Methyl-2-pentanone	BRL	6.7		ug/Kg-dry	243860	1	06/08/2017 13:16	MD
Acetone	BRL	67		ug/Kg-dry	243860	1	06/08/2017 13:16	MD
Benzene	BRL	3.4		ug/Kg-dry	243860	1	06/08/2017 13:16	MD
Bromodichloromethane	BRL	3.4		ug/Kg-dry	243860	1	06/08/2017 13:16	MD
Bromoform	BRL	3.4		ug/Kg-dry	243860	1	06/08/2017 13:16	MD
Bromomethane	BRL	3.4		ug/Kg-dry	243860	1	06/08/2017 13:16	MD
Carbon disulfide	BRL	6.7		ug/Kg-dry	243860	1	06/08/2017 13:16	MD
Carbon tetrachloride	BRL	3.4		ug/Kg-dry	243860	1	06/08/2017 13:16	MD
Chlorobenzene	BRL	3.4		ug/Kg-dry	243860	1	06/08/2017 13:16	MD
Chloroethane	BRL	6.7		ug/Kg-dry	243860	1	06/08/2017 13:16	MD
Chloroform	BRL	3.4		ug/Kg-dry	243860	1	06/08/2017 13:16	MD
Chloromethane	BRL	6.7		ug/Kg-dry	243860	1	06/08/2017 13:16	MD
cis-1,2-Dichloroethene	BRL	3.4		ug/Kg-dry	243860	1	06/08/2017 13:16	MD
cis-1,3-Dichloropropene	BRL	3.4		ug/Kg-dry	243860	1	06/08/2017 13:16	MD
Cyclohexane	BRL	3.4		ug/Kg-dry	243860	1	06/08/2017 13:16	MD
Dibromochloromethane	BRL	3.4		ug/Kg-dry	243860	1	06/08/2017 13:16	MD
Dichlorodifluoromethane	BRL	6.7		ug/Kg-dry	243860	1	06/08/2017 13:16	MD
Ethylbenzene	BRL	3.4		ug/Kg-dry	243860	1	06/08/2017 13:16	MD
Freon-113	BRL	6.7		ug/Kg-dry	243860	1	06/08/2017 13:16	MD
Isopropylbenzene	BRL	3.4		ug/Kg-dry	243860	1	06/08/2017 13:16	MD
m,p-Xylene	BRL	3.4		ug/Kg-dry	243860	1	06/08/2017 13:16	MD
Methyl acetate	BRL	3.4		ug/Kg-dry	243860	1	06/08/2017 13:16	MD
Methyl tert-butyl ether	BRL	3.4		ug/Kg-dry	243860	1	06/08/2017 13:16	MD
Methylcyclohexane	BRL	3.4		ug/Kg-dry	243860	1	06/08/2017 13:16	MD
Methylene chloride	BRL	13		ug/Kg-dry	243860	1	06/08/2017 13:16	MD
o-Xylene	BRL	3.4		ug/Kg-dry	243860	1	06/08/2017 13:16	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
Date: 12-Jun-17

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1706259-012

Client Sample ID: 17153-SB-18-4
Collection Date: 6/2/2017 12:20:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	3.4		ug/Kg-dry	243860	1	06/08/2017 13:16	MD
Tetrachloroethene	BRL	3.4		ug/Kg-dry	243860	1	06/08/2017 13:16	MD
Toluene	BRL	3.4		ug/Kg-dry	243860	1	06/08/2017 13:16	MD
trans-1,2-Dichloroethene	BRL	3.4		ug/Kg-dry	243860	1	06/08/2017 13:16	MD
trans-1,3-Dichloropropene	BRL	3.4		ug/Kg-dry	243860	1	06/08/2017 13:16	MD
Trichloroethene	BRL	3.4		ug/Kg-dry	243860	1	06/08/2017 13:16	MD
Trichlorofluoromethane	BRL	3.4		ug/Kg-dry	243860	1	06/08/2017 13:16	MD
Vinyl chloride	BRL	6.7		ug/Kg-dry	243860	1	06/08/2017 13:16	MD
Surr: 4-Bromofluorobenzene	94.3	63-125		%REC	243860	1	06/08/2017 13:16	MD
Surr: Dibromofluoromethane	99.1	69.9-123		%REC	243860	1	06/08/2017 13:16	MD
Surr: Toluene-d8	105	70-122		%REC	243860	1	06/08/2017 13:16	MD
PERCENT MOISTURE D2216								
Percent Moisture	20.8	0		wt%	R344800	1	06/06/2017 11:00	JC

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: 12-Jun-17

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1706259-013

Client Sample ID: 17153-SB-19-2
Collection Date: 6/2/2017 12:02:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	3.3		ug/Kg-dry	243860	1	06/08/2017 13:39	MD
1,1,2,2-Tetrachloroethane	BRL	3.3		ug/Kg-dry	243860	1	06/08/2017 13:39	MD
1,1,2-Trichloroethane	BRL	3.3		ug/Kg-dry	243860	1	06/08/2017 13:39	MD
1,1-Dichloroethane	BRL	3.3		ug/Kg-dry	243860	1	06/08/2017 13:39	MD
1,1-Dichloroethene	BRL	3.3		ug/Kg-dry	243860	1	06/08/2017 13:39	MD
1,2,4-Trichlorobenzene	BRL	3.3		ug/Kg-dry	243860	1	06/08/2017 13:39	MD
1,2-Dibromo-3-chloropropane	BRL	3.3		ug/Kg-dry	243860	1	06/08/2017 13:39	MD
1,2-Dibromoethane	BRL	3.3		ug/Kg-dry	243860	1	06/08/2017 13:39	MD
1,2-Dichlorobenzene	BRL	3.3		ug/Kg-dry	243860	1	06/08/2017 13:39	MD
1,2-Dichloroethane	BRL	3.3		ug/Kg-dry	243860	1	06/08/2017 13:39	MD
1,2-Dichloropropane	BRL	3.3		ug/Kg-dry	243860	1	06/08/2017 13:39	MD
1,3-Dichlorobenzene	BRL	3.3		ug/Kg-dry	243860	1	06/08/2017 13:39	MD
1,4-Dichlorobenzene	BRL	3.3		ug/Kg-dry	243860	1	06/08/2017 13:39	MD
2-Butanone	BRL	33		ug/Kg-dry	243860	1	06/08/2017 13:39	MD
2-Hexanone	BRL	6.5		ug/Kg-dry	243860	1	06/08/2017 13:39	MD
4-Methyl-2-pentanone	BRL	6.5		ug/Kg-dry	243860	1	06/08/2017 13:39	MD
Acetone	BRL	65		ug/Kg-dry	243860	1	06/08/2017 13:39	MD
Benzene	BRL	3.3		ug/Kg-dry	243860	1	06/08/2017 13:39	MD
Bromodichloromethane	BRL	3.3		ug/Kg-dry	243860	1	06/08/2017 13:39	MD
Bromoform	BRL	3.3		ug/Kg-dry	243860	1	06/08/2017 13:39	MD
Bromomethane	BRL	3.3		ug/Kg-dry	243860	1	06/08/2017 13:39	MD
Carbon disulfide	BRL	6.5		ug/Kg-dry	243860	1	06/08/2017 13:39	MD
Carbon tetrachloride	BRL	3.3		ug/Kg-dry	243860	1	06/08/2017 13:39	MD
Chlorobenzene	BRL	3.3		ug/Kg-dry	243860	1	06/08/2017 13:39	MD
Chloroethane	BRL	6.5		ug/Kg-dry	243860	1	06/08/2017 13:39	MD
Chloroform	BRL	3.3		ug/Kg-dry	243860	1	06/08/2017 13:39	MD
Chloromethane	BRL	6.5		ug/Kg-dry	243860	1	06/08/2017 13:39	MD
cis-1,2-Dichloroethene	BRL	3.3		ug/Kg-dry	243860	1	06/08/2017 13:39	MD
cis-1,3-Dichloropropene	BRL	3.3		ug/Kg-dry	243860	1	06/08/2017 13:39	MD
Cyclohexane	BRL	3.3		ug/Kg-dry	243860	1	06/08/2017 13:39	MD
Dibromochloromethane	BRL	3.3		ug/Kg-dry	243860	1	06/08/2017 13:39	MD
Dichlorodifluoromethane	BRL	6.5		ug/Kg-dry	243860	1	06/08/2017 13:39	MD
Ethylbenzene	BRL	3.3		ug/Kg-dry	243860	1	06/08/2017 13:39	MD
Freon-113	BRL	6.5		ug/Kg-dry	243860	1	06/08/2017 13:39	MD
Isopropylbenzene	BRL	3.3		ug/Kg-dry	243860	1	06/08/2017 13:39	MD
m,p-Xylene	BRL	3.3		ug/Kg-dry	243860	1	06/08/2017 13:39	MD
Methyl acetate	BRL	3.3		ug/Kg-dry	243860	1	06/08/2017 13:39	MD
Methyl tert-butyl ether	BRL	3.3		ug/Kg-dry	243860	1	06/08/2017 13:39	MD
Methylcyclohexane	BRL	3.3		ug/Kg-dry	243860	1	06/08/2017 13:39	MD
Methylene chloride	BRL	13		ug/Kg-dry	243860	1	06/08/2017 13:39	MD
o-Xylene	BRL	3.3		ug/Kg-dry	243860	1	06/08/2017 13:39	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

Date: 12-Jun-17

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1706259-013

Client Sample ID: 17153-SB-19-2
Collection Date: 6/2/2017 12:02:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	3.3		ug/Kg-dry	243860	1	06/08/2017 13:39	MD
Tetrachloroethene	BRL	3.3		ug/Kg-dry	243860	1	06/08/2017 13:39	MD
Toluene	BRL	3.3		ug/Kg-dry	243860	1	06/08/2017 13:39	MD
trans-1,2-Dichloroethene	BRL	3.3		ug/Kg-dry	243860	1	06/08/2017 13:39	MD
trans-1,3-Dichloropropene	BRL	3.3		ug/Kg-dry	243860	1	06/08/2017 13:39	MD
Trichloroethene	BRL	3.3		ug/Kg-dry	243860	1	06/08/2017 13:39	MD
Trichlorofluoromethane	BRL	3.3		ug/Kg-dry	243860	1	06/08/2017 13:39	MD
Vinyl chloride	BRL	6.5		ug/Kg-dry	243860	1	06/08/2017 13:39	MD
Surr: 4-Bromofluorobenzene	93.4	63-125		%REC	243860	1	06/08/2017 13:39	MD
Surr: Dibromofluoromethane	96.8	69.9-123		%REC	243860	1	06/08/2017 13:39	MD
Surr: Toluene-d8	104	70-122		%REC	243860	1	06/08/2017 13:39	MD
PERCENT MOISTURE D2216								
Percent Moisture	13.8	0		wt%	R344800	1	06/06/2017 11:00	JC

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: 12-Jun-17

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1706259-014

Client Sample ID: 17153-SB-19-4
Collection Date: 6/2/2017 12:05:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	3.9		ug/Kg-dry	243860	1	06/08/2017 14:03	MD
1,1,2,2-Tetrachloroethane	BRL	3.9		ug/Kg-dry	243860	1	06/08/2017 14:03	MD
1,1,2-Trichloroethane	BRL	3.9		ug/Kg-dry	243860	1	06/08/2017 14:03	MD
1,1-Dichloroethane	BRL	3.9		ug/Kg-dry	243860	1	06/08/2017 14:03	MD
1,1-Dichloroethene	BRL	3.9		ug/Kg-dry	243860	1	06/08/2017 14:03	MD
1,2,4-Trichlorobenzene	BRL	3.9		ug/Kg-dry	243860	1	06/08/2017 14:03	MD
1,2-Dibromo-3-chloropropane	BRL	3.9		ug/Kg-dry	243860	1	06/08/2017 14:03	MD
1,2-Dibromoethane	BRL	3.9		ug/Kg-dry	243860	1	06/08/2017 14:03	MD
1,2-Dichlorobenzene	BRL	3.9		ug/Kg-dry	243860	1	06/08/2017 14:03	MD
1,2-Dichloroethane	BRL	3.9		ug/Kg-dry	243860	1	06/08/2017 14:03	MD
1,2-Dichloropropane	BRL	3.9		ug/Kg-dry	243860	1	06/08/2017 14:03	MD
1,3-Dichlorobenzene	BRL	3.9		ug/Kg-dry	243860	1	06/08/2017 14:03	MD
1,4-Dichlorobenzene	BRL	3.9		ug/Kg-dry	243860	1	06/08/2017 14:03	MD
2-Butanone	BRL	39		ug/Kg-dry	243860	1	06/08/2017 14:03	MD
2-Hexanone	BRL	7.9		ug/Kg-dry	243860	1	06/08/2017 14:03	MD
4-Methyl-2-pentanone	BRL	7.9		ug/Kg-dry	243860	1	06/08/2017 14:03	MD
Acetone	BRL	79		ug/Kg-dry	243860	1	06/08/2017 14:03	MD
Benzene	BRL	3.9		ug/Kg-dry	243860	1	06/08/2017 14:03	MD
Bromodichloromethane	BRL	3.9		ug/Kg-dry	243860	1	06/08/2017 14:03	MD
Bromoform	BRL	3.9		ug/Kg-dry	243860	1	06/08/2017 14:03	MD
Bromomethane	BRL	3.9		ug/Kg-dry	243860	1	06/08/2017 14:03	MD
Carbon disulfide	BRL	7.9		ug/Kg-dry	243860	1	06/08/2017 14:03	MD
Carbon tetrachloride	BRL	3.9		ug/Kg-dry	243860	1	06/08/2017 14:03	MD
Chlorobenzene	BRL	3.9		ug/Kg-dry	243860	1	06/08/2017 14:03	MD
Chloroethane	BRL	7.9		ug/Kg-dry	243860	1	06/08/2017 14:03	MD
Chloroform	BRL	3.9		ug/Kg-dry	243860	1	06/08/2017 14:03	MD
Chloromethane	BRL	7.9		ug/Kg-dry	243860	1	06/08/2017 14:03	MD
cis-1,2-Dichloroethene	BRL	3.9		ug/Kg-dry	243860	1	06/08/2017 14:03	MD
cis-1,3-Dichloropropene	BRL	3.9		ug/Kg-dry	243860	1	06/08/2017 14:03	MD
Cyclohexane	BRL	3.9		ug/Kg-dry	243860	1	06/08/2017 14:03	MD
Dibromochloromethane	BRL	3.9		ug/Kg-dry	243860	1	06/08/2017 14:03	MD
Dichlorodifluoromethane	BRL	7.9		ug/Kg-dry	243860	1	06/08/2017 14:03	MD
Ethylbenzene	BRL	3.9		ug/Kg-dry	243860	1	06/08/2017 14:03	MD
Freon-113	BRL	7.9		ug/Kg-dry	243860	1	06/08/2017 14:03	MD
Isopropylbenzene	BRL	3.9		ug/Kg-dry	243860	1	06/08/2017 14:03	MD
m,p-Xylene	BRL	3.9		ug/Kg-dry	243860	1	06/08/2017 14:03	MD
Methyl acetate	BRL	3.9		ug/Kg-dry	243860	1	06/08/2017 14:03	MD
Methyl tert-butyl ether	BRL	3.9		ug/Kg-dry	243860	1	06/08/2017 14:03	MD
Methylcyclohexane	BRL	3.9		ug/Kg-dry	243860	1	06/08/2017 14:03	MD
Methylene chloride	BRL	16		ug/Kg-dry	243860	1	06/08/2017 14:03	MD
o-Xylene	BRL	3.9		ug/Kg-dry	243860	1	06/08/2017 14:03	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

Date: 12-Jun-17

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1706259-014

Client Sample ID: 17153-SB-19-4
Collection Date: 6/2/2017 12:05:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	3.9		ug/Kg-dry	243860	1	06/08/2017 14:03	MD
Tetrachloroethene	BRL	3.9		ug/Kg-dry	243860	1	06/08/2017 14:03	MD
Toluene	BRL	3.9		ug/Kg-dry	243860	1	06/08/2017 14:03	MD
trans-1,2-Dichloroethene	BRL	3.9		ug/Kg-dry	243860	1	06/08/2017 14:03	MD
trans-1,3-Dichloropropene	BRL	3.9		ug/Kg-dry	243860	1	06/08/2017 14:03	MD
Trichloroethene	BRL	3.9		ug/Kg-dry	243860	1	06/08/2017 14:03	MD
Trichlorofluoromethane	BRL	3.9		ug/Kg-dry	243860	1	06/08/2017 14:03	MD
Vinyl chloride	BRL	7.9		ug/Kg-dry	243860	1	06/08/2017 14:03	MD
Surr: 4-Bromofluorobenzene	97.6	63-125		%REC	243860	1	06/08/2017 14:03	MD
Surr: Dibromofluoromethane	102	69.9-123		%REC	243860	1	06/08/2017 14:03	MD
Surr: Toluene-d8	105	70-122		%REC	243860	1	06/08/2017 14:03	MD
PERCENT MOISTURE D2216								
Percent Moisture	32.2	0		wt%	R344800	1	06/06/2017 11:00	JC

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: 12-Jun-17

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1706259-015

Client Sample ID: 17153-SB-20-2
Collection Date: 6/2/2017 11:43:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	3.3		ug/Kg-dry	243860	1	06/08/2017 14:27	MD
1,1,2,2-Tetrachloroethane	BRL	3.3		ug/Kg-dry	243860	1	06/08/2017 14:27	MD
1,1,2-Trichloroethane	BRL	3.3		ug/Kg-dry	243860	1	06/08/2017 14:27	MD
1,1-Dichloroethane	BRL	3.3		ug/Kg-dry	243860	1	06/08/2017 14:27	MD
1,1-Dichloroethene	BRL	3.3		ug/Kg-dry	243860	1	06/08/2017 14:27	MD
1,2,4-Trichlorobenzene	BRL	3.3		ug/Kg-dry	243860	1	06/08/2017 14:27	MD
1,2-Dibromo-3-chloropropane	BRL	3.3		ug/Kg-dry	243860	1	06/08/2017 14:27	MD
1,2-Dibromoethane	BRL	3.3		ug/Kg-dry	243860	1	06/08/2017 14:27	MD
1,2-Dichlorobenzene	BRL	3.3		ug/Kg-dry	243860	1	06/08/2017 14:27	MD
1,2-Dichloroethane	BRL	3.3		ug/Kg-dry	243860	1	06/08/2017 14:27	MD
1,2-Dichloropropane	BRL	3.3		ug/Kg-dry	243860	1	06/08/2017 14:27	MD
1,3-Dichlorobenzene	BRL	3.3		ug/Kg-dry	243860	1	06/08/2017 14:27	MD
1,4-Dichlorobenzene	BRL	3.3		ug/Kg-dry	243860	1	06/08/2017 14:27	MD
2-Butanone	BRL	33		ug/Kg-dry	243860	1	06/08/2017 14:27	MD
2-Hexanone	BRL	6.6		ug/Kg-dry	243860	1	06/08/2017 14:27	MD
4-Methyl-2-pentanone	BRL	6.6		ug/Kg-dry	243860	1	06/08/2017 14:27	MD
Acetone	BRL	66		ug/Kg-dry	243860	1	06/08/2017 14:27	MD
Benzene	BRL	3.3		ug/Kg-dry	243860	1	06/08/2017 14:27	MD
Bromodichloromethane	BRL	3.3		ug/Kg-dry	243860	1	06/08/2017 14:27	MD
Bromoform	BRL	3.3		ug/Kg-dry	243860	1	06/08/2017 14:27	MD
Bromomethane	BRL	3.3		ug/Kg-dry	243860	1	06/08/2017 14:27	MD
Carbon disulfide	BRL	6.6		ug/Kg-dry	243860	1	06/08/2017 14:27	MD
Carbon tetrachloride	BRL	3.3		ug/Kg-dry	243860	1	06/08/2017 14:27	MD
Chlorobenzene	BRL	3.3		ug/Kg-dry	243860	1	06/08/2017 14:27	MD
Chloroethane	BRL	6.6		ug/Kg-dry	243860	1	06/08/2017 14:27	MD
Chloroform	BRL	3.3		ug/Kg-dry	243860	1	06/08/2017 14:27	MD
Chloromethane	BRL	6.6		ug/Kg-dry	243860	1	06/08/2017 14:27	MD
cis-1,2-Dichloroethene	BRL	3.3		ug/Kg-dry	243860	1	06/08/2017 14:27	MD
cis-1,3-Dichloropropene	BRL	3.3		ug/Kg-dry	243860	1	06/08/2017 14:27	MD
Cyclohexane	BRL	3.3		ug/Kg-dry	243860	1	06/08/2017 14:27	MD
Dibromochloromethane	BRL	3.3		ug/Kg-dry	243860	1	06/08/2017 14:27	MD
Dichlorodifluoromethane	BRL	6.6		ug/Kg-dry	243860	1	06/08/2017 14:27	MD
Ethylbenzene	BRL	3.3		ug/Kg-dry	243860	1	06/08/2017 14:27	MD
Freon-113	BRL	6.6		ug/Kg-dry	243860	1	06/08/2017 14:27	MD
Isopropylbenzene	BRL	3.3		ug/Kg-dry	243860	1	06/08/2017 14:27	MD
m,p-Xylene	BRL	3.3		ug/Kg-dry	243860	1	06/08/2017 14:27	MD
Methyl acetate	BRL	3.3		ug/Kg-dry	243860	1	06/08/2017 14:27	MD
Methyl tert-butyl ether	BRL	3.3		ug/Kg-dry	243860	1	06/08/2017 14:27	MD
Methylcyclohexane	BRL	3.3		ug/Kg-dry	243860	1	06/08/2017 14:27	MD
Methylene chloride	BRL	13		ug/Kg-dry	243860	1	06/08/2017 14:27	MD
o-Xylene	BRL	3.3		ug/Kg-dry	243860	1	06/08/2017 14:27	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
Date: 12-Jun-17

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1706259-015

Client Sample ID: 17153-SB-20-2
Collection Date: 6/2/2017 11:43:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	3.3		ug/Kg-dry	243860	1	06/08/2017 14:27	MD
Tetrachloroethene	BRL	3.3		ug/Kg-dry	243860	1	06/08/2017 14:27	MD
Toluene	BRL	3.3		ug/Kg-dry	243860	1	06/08/2017 14:27	MD
trans-1,2-Dichloroethene	BRL	3.3		ug/Kg-dry	243860	1	06/08/2017 14:27	MD
trans-1,3-Dichloropropene	BRL	3.3		ug/Kg-dry	243860	1	06/08/2017 14:27	MD
Trichloroethene	BRL	3.3		ug/Kg-dry	243860	1	06/08/2017 14:27	MD
Trichlorofluoromethane	BRL	3.3		ug/Kg-dry	243860	1	06/08/2017 14:27	MD
Vinyl chloride	BRL	6.6		ug/Kg-dry	243860	1	06/08/2017 14:27	MD
Surr: 4-Bromofluorobenzene	96.7	63-125		%REC	243860	1	06/08/2017 14:27	MD
Surr: Dibromofluoromethane	101	69.9-123		%REC	243860	1	06/08/2017 14:27	MD
Surr: Toluene-d8	104	70-122		%REC	243860	1	06/08/2017 14:27	MD
PERCENT MOISTURE D2216								
Percent Moisture	18.2	0		wt%	R344800	1	06/06/2017 11:00	JC

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: 12-Jun-17

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1706259-016

Client Sample ID: 17153-SB-20-4
Collection Date: 6/2/2017 11:52:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	5.1		ug/Kg-dry	243860	1	06/08/2017 14:51	MD
1,1,2,2-Tetrachloroethane	BRL	5.1		ug/Kg-dry	243860	1	06/08/2017 14:51	MD
1,1,2-Trichloroethane	BRL	5.1		ug/Kg-dry	243860	1	06/08/2017 14:51	MD
1,1-Dichloroethane	BRL	5.1		ug/Kg-dry	243860	1	06/08/2017 14:51	MD
1,1-Dichloroethene	BRL	5.1		ug/Kg-dry	243860	1	06/08/2017 14:51	MD
1,2,4-Trichlorobenzene	BRL	5.1		ug/Kg-dry	243860	1	06/08/2017 14:51	MD
1,2-Dibromo-3-chloropropane	BRL	5.1		ug/Kg-dry	243860	1	06/08/2017 14:51	MD
1,2-Dibromoethane	BRL	5.1		ug/Kg-dry	243860	1	06/08/2017 14:51	MD
1,2-Dichlorobenzene	BRL	5.1		ug/Kg-dry	243860	1	06/08/2017 14:51	MD
1,2-Dichloroethane	BRL	5.1		ug/Kg-dry	243860	1	06/08/2017 14:51	MD
1,2-Dichloropropane	BRL	5.1		ug/Kg-dry	243860	1	06/08/2017 14:51	MD
1,3-Dichlorobenzene	BRL	5.1		ug/Kg-dry	243860	1	06/08/2017 14:51	MD
1,4-Dichlorobenzene	BRL	5.1		ug/Kg-dry	243860	1	06/08/2017 14:51	MD
2-Butanone	BRL	51		ug/Kg-dry	243860	1	06/08/2017 14:51	MD
2-Hexanone	BRL	10		ug/Kg-dry	243860	1	06/08/2017 14:51	MD
4-Methyl-2-pentanone	BRL	10		ug/Kg-dry	243860	1	06/08/2017 14:51	MD
Acetone	BRL	100		ug/Kg-dry	243860	1	06/08/2017 14:51	MD
Benzene	BRL	5.1		ug/Kg-dry	243860	1	06/08/2017 14:51	MD
Bromodichloromethane	BRL	5.1		ug/Kg-dry	243860	1	06/08/2017 14:51	MD
Bromoform	BRL	5.1		ug/Kg-dry	243860	1	06/08/2017 14:51	MD
Bromomethane	BRL	5.1		ug/Kg-dry	243860	1	06/08/2017 14:51	MD
Carbon disulfide	BRL	10		ug/Kg-dry	243860	1	06/08/2017 14:51	MD
Carbon tetrachloride	BRL	5.1		ug/Kg-dry	243860	1	06/08/2017 14:51	MD
Chlorobenzene	BRL	5.1		ug/Kg-dry	243860	1	06/08/2017 14:51	MD
Chloroethane	BRL	10		ug/Kg-dry	243860	1	06/08/2017 14:51	MD
Chloroform	BRL	5.1		ug/Kg-dry	243860	1	06/08/2017 14:51	MD
Chloromethane	BRL	10		ug/Kg-dry	243860	1	06/08/2017 14:51	MD
cis-1,2-Dichloroethene	BRL	5.1		ug/Kg-dry	243860	1	06/08/2017 14:51	MD
cis-1,3-Dichloropropene	BRL	5.1		ug/Kg-dry	243860	1	06/08/2017 14:51	MD
Cyclohexane	BRL	5.1		ug/Kg-dry	243860	1	06/08/2017 14:51	MD
Dibromochloromethane	BRL	5.1		ug/Kg-dry	243860	1	06/08/2017 14:51	MD
Dichlorodifluoromethane	BRL	10		ug/Kg-dry	243860	1	06/08/2017 14:51	MD
Ethylbenzene	BRL	5.1		ug/Kg-dry	243860	1	06/08/2017 14:51	MD
Freon-113	BRL	10		ug/Kg-dry	243860	1	06/08/2017 14:51	MD
Isopropylbenzene	BRL	5.1		ug/Kg-dry	243860	1	06/08/2017 14:51	MD
m,p-Xylene	BRL	5.1		ug/Kg-dry	243860	1	06/08/2017 14:51	MD
Methyl acetate	BRL	5.1		ug/Kg-dry	243860	1	06/08/2017 14:51	MD
Methyl tert-butyl ether	BRL	5.1		ug/Kg-dry	243860	1	06/08/2017 14:51	MD
Methylcyclohexane	BRL	5.1		ug/Kg-dry	243860	1	06/08/2017 14:51	MD
Methylene chloride	BRL	20		ug/Kg-dry	243860	1	06/08/2017 14:51	MD
o-Xylene	BRL	5.1		ug/Kg-dry	243860	1	06/08/2017 14:51	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
Date: 12-Jun-17

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1706259-016

Client Sample ID: 17153-SB-20-4
Collection Date: 6/2/2017 11:52:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	5.1		ug/Kg-dry	243860	1	06/08/2017 14:51	MD
Tetrachloroethene	BRL	5.1		ug/Kg-dry	243860	1	06/08/2017 14:51	MD
Toluene	BRL	5.1		ug/Kg-dry	243860	1	06/08/2017 14:51	MD
trans-1,2-Dichloroethene	BRL	5.1		ug/Kg-dry	243860	1	06/08/2017 14:51	MD
trans-1,3-Dichloropropene	BRL	5.1		ug/Kg-dry	243860	1	06/08/2017 14:51	MD
Trichloroethene	BRL	5.1		ug/Kg-dry	243860	1	06/08/2017 14:51	MD
Trichlorofluoromethane	BRL	5.1		ug/Kg-dry	243860	1	06/08/2017 14:51	MD
Vinyl chloride	BRL	10		ug/Kg-dry	243860	1	06/08/2017 14:51	MD
Surr: 4-Bromofluorobenzene	94.1	63-125		%REC	243860	1	06/08/2017 14:51	MD
Surr: Dibromofluoromethane	102	69.9-123		%REC	243860	1	06/08/2017 14:51	MD
Surr: Toluene-d8	104	70-122		%REC	243860	1	06/08/2017 14:51	MD
PERCENT MOISTURE D2216								
Percent Moisture	37.1	0		wt%	R344800	1	06/06/2017 11:00	JC

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: 12-Jun-17

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1706259-017

Client Sample ID: 17153-SB-21-2
Collection Date: 6/2/2017 11:25:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	4.3		ug/Kg-dry	243860	1	06/08/2017 15:15	MD
1,1,2,2-Tetrachloroethane	BRL	4.3		ug/Kg-dry	243860	1	06/08/2017 15:15	MD
1,1,2-Trichloroethane	BRL	4.3		ug/Kg-dry	243860	1	06/08/2017 15:15	MD
1,1-Dichloroethane	BRL	4.3		ug/Kg-dry	243860	1	06/08/2017 15:15	MD
1,1-Dichloroethene	BRL	4.3		ug/Kg-dry	243860	1	06/08/2017 15:15	MD
1,2,4-Trichlorobenzene	BRL	4.3		ug/Kg-dry	243860	1	06/08/2017 15:15	MD
1,2-Dibromo-3-chloropropane	BRL	4.3		ug/Kg-dry	243860	1	06/08/2017 15:15	MD
1,2-Dibromoethane	BRL	4.3		ug/Kg-dry	243860	1	06/08/2017 15:15	MD
1,2-Dichlorobenzene	BRL	4.3		ug/Kg-dry	243860	1	06/08/2017 15:15	MD
1,2-Dichloroethane	BRL	4.3		ug/Kg-dry	243860	1	06/08/2017 15:15	MD
1,2-Dichloropropane	BRL	4.3		ug/Kg-dry	243860	1	06/08/2017 15:15	MD
1,3-Dichlorobenzene	BRL	4.3		ug/Kg-dry	243860	1	06/08/2017 15:15	MD
1,4-Dichlorobenzene	BRL	4.3		ug/Kg-dry	243860	1	06/08/2017 15:15	MD
2-Butanone	BRL	4.3		ug/Kg-dry	243860	1	06/08/2017 15:15	MD
2-Hexanone	BRL	8.5		ug/Kg-dry	243860	1	06/08/2017 15:15	MD
4-Methyl-2-pentanone	BRL	8.5		ug/Kg-dry	243860	1	06/08/2017 15:15	MD
Acetone	BRL	85		ug/Kg-dry	243860	1	06/08/2017 15:15	MD
Benzene	BRL	4.3		ug/Kg-dry	243860	1	06/08/2017 15:15	MD
Bromodichloromethane	BRL	4.3		ug/Kg-dry	243860	1	06/08/2017 15:15	MD
Bromoform	BRL	4.3		ug/Kg-dry	243860	1	06/08/2017 15:15	MD
Bromomethane	BRL	4.3		ug/Kg-dry	243860	1	06/08/2017 15:15	MD
Carbon disulfide	BRL	8.5		ug/Kg-dry	243860	1	06/08/2017 15:15	MD
Carbon tetrachloride	BRL	4.3		ug/Kg-dry	243860	1	06/08/2017 15:15	MD
Chlorobenzene	BRL	4.3		ug/Kg-dry	243860	1	06/08/2017 15:15	MD
Chloroethane	BRL	8.5		ug/Kg-dry	243860	1	06/08/2017 15:15	MD
Chloroform	BRL	4.3		ug/Kg-dry	243860	1	06/08/2017 15:15	MD
Chloromethane	BRL	8.5		ug/Kg-dry	243860	1	06/08/2017 15:15	MD
cis-1,2-Dichloroethene	BRL	4.3		ug/Kg-dry	243860	1	06/08/2017 15:15	MD
cis-1,3-Dichloropropene	BRL	4.3		ug/Kg-dry	243860	1	06/08/2017 15:15	MD
Cyclohexane	BRL	4.3		ug/Kg-dry	243860	1	06/08/2017 15:15	MD
Dibromochloromethane	BRL	4.3		ug/Kg-dry	243860	1	06/08/2017 15:15	MD
Dichlorodifluoromethane	BRL	8.5		ug/Kg-dry	243860	1	06/08/2017 15:15	MD
Ethylbenzene	BRL	4.3		ug/Kg-dry	243860	1	06/08/2017 15:15	MD
Freon-113	BRL	8.5		ug/Kg-dry	243860	1	06/08/2017 15:15	MD
Isopropylbenzene	BRL	4.3		ug/Kg-dry	243860	1	06/08/2017 15:15	MD
m,p-Xylene	BRL	4.3		ug/Kg-dry	243860	1	06/08/2017 15:15	MD
Methyl acetate	BRL	4.3		ug/Kg-dry	243860	1	06/08/2017 15:15	MD
Methyl tert-butyl ether	BRL	4.3		ug/Kg-dry	243860	1	06/08/2017 15:15	MD
Methylcyclohexane	BRL	4.3		ug/Kg-dry	243860	1	06/08/2017 15:15	MD
Methylene chloride	BRL	17		ug/Kg-dry	243860	1	06/08/2017 15:15	MD
o-Xylene	BRL	4.3		ug/Kg-dry	243860	1	06/08/2017 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

Analytical Environmental Services, Inc
Date: 12-Jun-17

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1706259-017

Client Sample ID: 17153-SB-21-2
Collection Date: 6/2/2017 11:25:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	4.3		ug/Kg-dry	243860	1	06/08/2017 15:15	MD
Tetrachloroethene	BRL	4.3		ug/Kg-dry	243860	1	06/08/2017 15:15	MD
Toluene	BRL	4.3		ug/Kg-dry	243860	1	06/08/2017 15:15	MD
trans-1,2-Dichloroethene	BRL	4.3		ug/Kg-dry	243860	1	06/08/2017 15:15	MD
trans-1,3-Dichloropropene	BRL	4.3		ug/Kg-dry	243860	1	06/08/2017 15:15	MD
Trichloroethene	BRL	4.3		ug/Kg-dry	243860	1	06/08/2017 15:15	MD
Trichlorofluoromethane	BRL	4.3		ug/Kg-dry	243860	1	06/08/2017 15:15	MD
Vinyl chloride	BRL	8.5		ug/Kg-dry	243860	1	06/08/2017 15:15	MD
Surr: 4-Bromofluorobenzene	99.5	63-125		%REC	243860	1	06/08/2017 15:15	MD
Surr: Dibromofluoromethane	102	69.9-123		%REC	243860	1	06/08/2017 15:15	MD
Surr: Toluene-d8	104	70-122		%REC	243860	1	06/08/2017 15:15	MD
PERCENT MOISTURE D2216								
Percent Moisture	25.6	0		wt%	R344800	1	06/06/2017 11:00	JC

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: 12-Jun-17

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1706259-018

Client Sample ID: 17153-SB-21-4
Collection Date: 6/2/2017 11:30:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 15:38	MD
1,1,2,2-Tetrachloroethane	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 15:38	MD
1,1,2-Trichloroethane	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 15:38	MD
1,1-Dichloroethane	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 15:38	MD
1,1-Dichloroethene	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 15:38	MD
1,2,4-Trichlorobenzene	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 15:38	MD
1,2-Dibromo-3-chloropropane	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 15:38	MD
1,2-Dibromoethane	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 15:38	MD
1,2-Dichlorobenzene	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 15:38	MD
1,2-Dichloroethane	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 15:38	MD
1,2-Dichloropropane	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 15:38	MD
1,3-Dichlorobenzene	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 15:38	MD
1,4-Dichlorobenzene	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 15:38	MD
2-Butanone	BRL	40		ug/Kg-dry	243860	1	06/08/2017 15:38	MD
2-Hexanone	BRL	7.9		ug/Kg-dry	243860	1	06/08/2017 15:38	MD
4-Methyl-2-pentanone	BRL	7.9		ug/Kg-dry	243860	1	06/08/2017 15:38	MD
Acetone	BRL	79		ug/Kg-dry	243860	1	06/08/2017 15:38	MD
Benzene	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 15:38	MD
Bromodichloromethane	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 15:38	MD
Bromoform	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 15:38	MD
Bromomethane	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 15:38	MD
Carbon disulfide	BRL	7.9		ug/Kg-dry	243860	1	06/08/2017 15:38	MD
Carbon tetrachloride	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 15:38	MD
Chlorobenzene	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 15:38	MD
Chloroethane	BRL	7.9		ug/Kg-dry	243860	1	06/08/2017 15:38	MD
Chloroform	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 15:38	MD
Chloromethane	BRL	7.9		ug/Kg-dry	243860	1	06/08/2017 15:38	MD
cis-1,2-Dichloroethene	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 15:38	MD
cis-1,3-Dichloropropene	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 15:38	MD
Cyclohexane	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 15:38	MD
Dibromochloromethane	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 15:38	MD
Dichlorodifluoromethane	BRL	7.9		ug/Kg-dry	243860	1	06/08/2017 15:38	MD
Ethylbenzene	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 15:38	MD
Freon-113	BRL	7.9		ug/Kg-dry	243860	1	06/08/2017 15:38	MD
Isopropylbenzene	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 15:38	MD
m,p-Xylene	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 15:38	MD
Methyl acetate	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 15:38	MD
Methyl tert-butyl ether	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 15:38	MD
Methylcyclohexane	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 15:38	MD
Methylene chloride	BRL	16		ug/Kg-dry	243860	1	06/08/2017 15:38	MD
o-Xylene	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 15:38	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

Date: 12-Jun-17

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1706259-018

Client Sample ID: 17153-SB-21-4
Collection Date: 6/2/2017 11:30:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 15:38	MD
Tetrachloroethene	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 15:38	MD
Toluene	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 15:38	MD
trans-1,2-Dichloroethene	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 15:38	MD
trans-1,3-Dichloropropene	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 15:38	MD
Trichloroethene	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 15:38	MD
Trichlorofluoromethane	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 15:38	MD
Vinyl chloride	BRL	7.9		ug/Kg-dry	243860	1	06/08/2017 15:38	MD
Surr: 4-Bromofluorobenzene	93.7	63-125		%REC	243860	1	06/08/2017 15:38	MD
Surr: Dibromofluoromethane	95.8	69.9-123		%REC	243860	1	06/08/2017 15:38	MD
Surr: Toluene-d8	103	70-122		%REC	243860	1	06/08/2017 15:38	MD
PERCENT MOISTURE D2216								
Percent Moisture	22.7	0		wt%	R344800	1	06/06/2017 11:00	JC

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: 12-Jun-17

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1706259-019

Client Sample ID: 17153-SB-22-2
Collection Date: 6/2/2017 11:15:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	3.9		ug/Kg-dry	243860	1	06/08/2017 16:42	MD
1,1,2,2-Tetrachloroethane	BRL	3.9		ug/Kg-dry	243860	1	06/08/2017 16:42	MD
1,1,2-Trichloroethane	BRL	3.9		ug/Kg-dry	243860	1	06/08/2017 16:42	MD
1,1-Dichloroethane	BRL	3.9		ug/Kg-dry	243860	1	06/08/2017 16:42	MD
1,1-Dichloroethene	BRL	3.9		ug/Kg-dry	243860	1	06/08/2017 16:42	MD
1,2,4-Trichlorobenzene	BRL	3.9		ug/Kg-dry	243860	1	06/08/2017 16:42	MD
1,2-Dibromo-3-chloropropane	BRL	3.9		ug/Kg-dry	243860	1	06/08/2017 16:42	MD
1,2-Dibromoethane	BRL	3.9		ug/Kg-dry	243860	1	06/08/2017 16:42	MD
1,2-Dichlorobenzene	BRL	3.9		ug/Kg-dry	243860	1	06/08/2017 16:42	MD
1,2-Dichloroethane	BRL	3.9		ug/Kg-dry	243860	1	06/08/2017 16:42	MD
1,2-Dichloropropane	BRL	3.9		ug/Kg-dry	243860	1	06/08/2017 16:42	MD
1,3-Dichlorobenzene	BRL	3.9		ug/Kg-dry	243860	1	06/08/2017 16:42	MD
1,4-Dichlorobenzene	BRL	3.9		ug/Kg-dry	243860	1	06/08/2017 16:42	MD
2-Butanone	BRL	39		ug/Kg-dry	243860	1	06/08/2017 16:42	MD
2-Hexanone	BRL	7.7		ug/Kg-dry	243860	1	06/08/2017 16:42	MD
4-Methyl-2-pentanone	BRL	7.7		ug/Kg-dry	243860	1	06/08/2017 16:42	MD
Acetone	BRL	77		ug/Kg-dry	243860	1	06/08/2017 16:42	MD
Benzene	BRL	3.9		ug/Kg-dry	243860	1	06/08/2017 16:42	MD
Bromodichloromethane	BRL	3.9		ug/Kg-dry	243860	1	06/08/2017 16:42	MD
Bromoform	BRL	3.9		ug/Kg-dry	243860	1	06/08/2017 16:42	MD
Bromomethane	BRL	3.9		ug/Kg-dry	243860	1	06/08/2017 16:42	MD
Carbon disulfide	BRL	7.7		ug/Kg-dry	243860	1	06/08/2017 16:42	MD
Carbon tetrachloride	BRL	3.9		ug/Kg-dry	243860	1	06/08/2017 16:42	MD
Chlorobenzene	BRL	3.9		ug/Kg-dry	243860	1	06/08/2017 16:42	MD
Chloroethane	BRL	7.7		ug/Kg-dry	243860	1	06/08/2017 16:42	MD
Chloroform	BRL	3.9		ug/Kg-dry	243860	1	06/08/2017 16:42	MD
Chloromethane	BRL	7.7		ug/Kg-dry	243860	1	06/08/2017 16:42	MD
cis-1,2-Dichloroethene	BRL	3.9		ug/Kg-dry	243860	1	06/08/2017 16:42	MD
cis-1,3-Dichloropropene	BRL	3.9		ug/Kg-dry	243860	1	06/08/2017 16:42	MD
Cyclohexane	BRL	3.9		ug/Kg-dry	243860	1	06/08/2017 16:42	MD
Dibromochloromethane	BRL	3.9		ug/Kg-dry	243860	1	06/08/2017 16:42	MD
Dichlorodifluoromethane	BRL	7.7		ug/Kg-dry	243860	1	06/08/2017 16:42	MD
Ethylbenzene	BRL	3.9		ug/Kg-dry	243860	1	06/08/2017 16:42	MD
Freon-113	BRL	7.7		ug/Kg-dry	243860	1	06/08/2017 16:42	MD
Isopropylbenzene	BRL	3.9		ug/Kg-dry	243860	1	06/08/2017 16:42	MD
m,p-Xylene	BRL	3.9		ug/Kg-dry	243860	1	06/08/2017 16:42	MD
Methyl acetate	BRL	3.9		ug/Kg-dry	243860	1	06/08/2017 16:42	MD
Methyl tert-butyl ether	BRL	3.9		ug/Kg-dry	243860	1	06/08/2017 16:42	MD
Methylcyclohexane	BRL	3.9		ug/Kg-dry	243860	1	06/08/2017 16:42	MD
Methylene chloride	BRL	15		ug/Kg-dry	243860	1	06/08/2017 16:42	MD
o-Xylene	BRL	3.9		ug/Kg-dry	243860	1	06/08/2017 16:42	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

Date: 12-Jun-17

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1706259-019

Client Sample ID: 17153-SB-22-2
Collection Date: 6/2/2017 11:15:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	3.9		ug/Kg-dry	243860	1	06/08/2017 16:42	MD
Tetrachloroethene	BRL	3.9		ug/Kg-dry	243860	1	06/08/2017 16:42	MD
Toluene	BRL	3.9		ug/Kg-dry	243860	1	06/08/2017 16:42	MD
trans-1,2-Dichloroethene	BRL	3.9		ug/Kg-dry	243860	1	06/08/2017 16:42	MD
trans-1,3-Dichloropropene	BRL	3.9		ug/Kg-dry	243860	1	06/08/2017 16:42	MD
Trichloroethene	BRL	3.9		ug/Kg-dry	243860	1	06/08/2017 16:42	MD
Trichlorofluoromethane	BRL	3.9		ug/Kg-dry	243860	1	06/08/2017 16:42	MD
Vinyl chloride	BRL	7.7		ug/Kg-dry	243860	1	06/08/2017 16:42	MD
Surr: 4-Bromofluorobenzene	97.6	63-125		%REC	243860	1	06/08/2017 16:42	MD
Surr: Dibromofluoromethane	105	69.9-123		%REC	243860	1	06/08/2017 16:42	MD
Surr: Toluene-d8	101	70-122		%REC	243860	1	06/08/2017 16:42	MD
PERCENT MOISTURE D2216								
Percent Moisture	20.8	0		wt%	R344800	1	06/06/2017 11:00	JC

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: 12-Jun-17

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1706259-020

Client Sample ID: 17153-SB-22-4
Collection Date: 6/2/2017 11:18:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	4.1		ug/Kg-dry	243860	1	06/08/2017 19:52	MD
1,1,2,2-Tetrachloroethane	BRL	4.1		ug/Kg-dry	243860	1	06/08/2017 19:52	MD
1,1,2-Trichloroethane	BRL	4.1		ug/Kg-dry	243860	1	06/08/2017 19:52	MD
1,1-Dichloroethane	BRL	4.1		ug/Kg-dry	243860	1	06/08/2017 19:52	MD
1,1-Dichloroethene	BRL	4.1		ug/Kg-dry	243860	1	06/08/2017 19:52	MD
1,2,4-Trichlorobenzene	BRL	4.1		ug/Kg-dry	243860	1	06/08/2017 19:52	MD
1,2-Dibromo-3-chloropropane	BRL	4.1		ug/Kg-dry	243860	1	06/08/2017 19:52	MD
1,2-Dibromoethane	BRL	4.1		ug/Kg-dry	243860	1	06/08/2017 19:52	MD
1,2-Dichlorobenzene	BRL	4.1		ug/Kg-dry	243860	1	06/08/2017 19:52	MD
1,2-Dichloroethane	BRL	4.1		ug/Kg-dry	243860	1	06/08/2017 19:52	MD
1,2-Dichloropropane	BRL	4.1		ug/Kg-dry	243860	1	06/08/2017 19:52	MD
1,3-Dichlorobenzene	BRL	4.1		ug/Kg-dry	243860	1	06/08/2017 19:52	MD
1,4-Dichlorobenzene	BRL	4.1		ug/Kg-dry	243860	1	06/08/2017 19:52	MD
2-Butanone	BRL	41		ug/Kg-dry	243860	1	06/08/2017 19:52	MD
2-Hexanone	BRL	8.2		ug/Kg-dry	243860	1	06/08/2017 19:52	MD
4-Methyl-2-pentanone	BRL	8.2		ug/Kg-dry	243860	1	06/08/2017 19:52	MD
Acetone	BRL	82		ug/Kg-dry	243860	1	06/08/2017 19:52	MD
Benzene	BRL	4.1		ug/Kg-dry	243860	1	06/08/2017 19:52	MD
Bromodichloromethane	BRL	4.1		ug/Kg-dry	243860	1	06/08/2017 19:52	MD
Bromoform	BRL	4.1		ug/Kg-dry	243860	1	06/08/2017 19:52	MD
Bromomethane	BRL	4.1		ug/Kg-dry	243860	1	06/08/2017 19:52	MD
Carbon disulfide	BRL	8.2		ug/Kg-dry	243860	1	06/08/2017 19:52	MD
Carbon tetrachloride	BRL	4.1		ug/Kg-dry	243860	1	06/08/2017 19:52	MD
Chlorobenzene	BRL	4.1		ug/Kg-dry	243860	1	06/08/2017 19:52	MD
Chloroethane	BRL	8.2		ug/Kg-dry	243860	1	06/08/2017 19:52	MD
Chloroform	BRL	4.1		ug/Kg-dry	243860	1	06/08/2017 19:52	MD
Chloromethane	BRL	8.2		ug/Kg-dry	243860	1	06/08/2017 19:52	MD
cis-1,2-Dichloroethene	BRL	4.1		ug/Kg-dry	243860	1	06/08/2017 19:52	MD
cis-1,3-Dichloropropene	BRL	4.1		ug/Kg-dry	243860	1	06/08/2017 19:52	MD
Cyclohexane	BRL	4.1		ug/Kg-dry	243860	1	06/08/2017 19:52	MD
Dibromochloromethane	BRL	4.1		ug/Kg-dry	243860	1	06/08/2017 19:52	MD
Dichlorodifluoromethane	BRL	8.2		ug/Kg-dry	243860	1	06/08/2017 19:52	MD
Ethylbenzene	BRL	4.1		ug/Kg-dry	243860	1	06/08/2017 19:52	MD
Freon-113	BRL	8.2		ug/Kg-dry	243860	1	06/08/2017 19:52	MD
Isopropylbenzene	BRL	4.1		ug/Kg-dry	243860	1	06/08/2017 19:52	MD
m,p-Xylene	BRL	4.1		ug/Kg-dry	243860	1	06/08/2017 19:52	MD
Methyl acetate	BRL	4.1		ug/Kg-dry	243860	1	06/08/2017 19:52	MD
Methyl tert-butyl ether	BRL	4.1		ug/Kg-dry	243860	1	06/08/2017 19:52	MD
Methylcyclohexane	BRL	4.1		ug/Kg-dry	243860	1	06/08/2017 19:52	MD
Methylene chloride	BRL	16		ug/Kg-dry	243860	1	06/08/2017 19:52	MD
o-Xylene	BRL	4.1		ug/Kg-dry	243860	1	06/08/2017 19:52	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

Date: 12-Jun-17

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1706259-020

Client Sample ID: 17153-SB-22-4
Collection Date: 6/2/2017 11:18:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	4.1		ug/Kg-dry	243860	1	06/08/2017 19:52	MD
Tetrachloroethene	BRL	4.1		ug/Kg-dry	243860	1	06/08/2017 19:52	MD
Toluene	BRL	4.1		ug/Kg-dry	243860	1	06/08/2017 19:52	MD
trans-1,2-Dichloroethene	BRL	4.1		ug/Kg-dry	243860	1	06/08/2017 19:52	MD
trans-1,3-Dichloropropene	BRL	4.1		ug/Kg-dry	243860	1	06/08/2017 19:52	MD
Trichloroethene	BRL	4.1		ug/Kg-dry	243860	1	06/08/2017 19:52	MD
Trichlorofluoromethane	BRL	4.1		ug/Kg-dry	243860	1	06/08/2017 19:52	MD
Vinyl chloride	BRL	8.2		ug/Kg-dry	243860	1	06/08/2017 19:52	MD
Surr: 4-Bromofluorobenzene	91.5	63-125		%REC	243860	1	06/08/2017 19:52	MD
Surr: Dibromofluoromethane	98.9	69.9-123		%REC	243860	1	06/08/2017 19:52	MD
Surr: Toluene-d8	105	70-122		%REC	243860	1	06/08/2017 19:52	MD
PERCENT MOISTURE D2216								
Percent Moisture	22.9	0		wt%	R344800	1	06/06/2017 11:00	JC

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: 12-Jun-17

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1706259-021

Client Sample ID: 17153-DUP
Collection Date: 6/2/2017 12:00:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
1,1,1-Trichloroethane	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 20:15	MD
1,1,2,2-Tetrachloroethane	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 20:15	MD
1,1,2-Trichloroethane	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 20:15	MD
1,1-Dichloroethane	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 20:15	MD
1,1-Dichloroethene	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 20:15	MD
1,2,4-Trichlorobenzene	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 20:15	MD
1,2-Dibromo-3-chloropropane	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 20:15	MD
1,2-Dibromoethane	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 20:15	MD
1,2-Dichlorobenzene	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 20:15	MD
1,2-Dichloroethane	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 20:15	MD
1,2-Dichloropropane	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 20:15	MD
1,3-Dichlorobenzene	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 20:15	MD
1,4-Dichlorobenzene	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 20:15	MD
2-Butanone	BRL	40		ug/Kg-dry	243860	1	06/08/2017 20:15	MD
2-Hexanone	BRL	8.1		ug/Kg-dry	243860	1	06/08/2017 20:15	MD
4-Methyl-2-pentanone	BRL	8.1		ug/Kg-dry	243860	1	06/08/2017 20:15	MD
Acetone	BRL	81		ug/Kg-dry	243860	1	06/08/2017 20:15	MD
Benzene	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 20:15	MD
Bromodichloromethane	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 20:15	MD
Bromoform	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 20:15	MD
Bromomethane	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 20:15	MD
Carbon disulfide	BRL	8.1		ug/Kg-dry	243860	1	06/08/2017 20:15	MD
Carbon tetrachloride	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 20:15	MD
Chlorobenzene	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 20:15	MD
Chloroethane	BRL	8.1		ug/Kg-dry	243860	1	06/08/2017 20:15	MD
Chloroform	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 20:15	MD
Chloromethane	BRL	8.1		ug/Kg-dry	243860	1	06/08/2017 20:15	MD
cis-1,2-Dichloroethene	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 20:15	MD
cis-1,3-Dichloropropene	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 20:15	MD
Cyclohexane	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 20:15	MD
Dibromochloromethane	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 20:15	MD
Dichlorodifluoromethane	BRL	8.1		ug/Kg-dry	243860	1	06/08/2017 20:15	MD
Ethylbenzene	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 20:15	MD
Freon-113	BRL	8.1		ug/Kg-dry	243860	1	06/08/2017 20:15	MD
Isopropylbenzene	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 20:15	MD
m,p-Xylene	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 20:15	MD
Methyl acetate	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 20:15	MD
Methyl tert-butyl ether	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 20:15	MD
Methylcyclohexane	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 20:15	MD
Methylene chloride	BRL	16		ug/Kg-dry	243860	1	06/08/2017 20:15	MD
o-Xylene	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 20:15	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

Analytical Environmental Services, Inc
Date: 12-Jun-17

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1706259-021

Client Sample ID: 17153-DUP
Collection Date: 6/2/2017 12:00:00 PM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL VOLATILE ORGANICS SW8260B				(SW5035)				
Styrene	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 20:15	MD
Tetrachloroethene	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 20:15	MD
Toluene	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 20:15	MD
trans-1,2-Dichloroethene	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 20:15	MD
trans-1,3-Dichloropropene	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 20:15	MD
Trichloroethene	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 20:15	MD
Trichlorofluoromethane	BRL	4.0		ug/Kg-dry	243860	1	06/08/2017 20:15	MD
Vinyl chloride	BRL	8.1		ug/Kg-dry	243860	1	06/08/2017 20:15	MD
Surr: 4-Bromofluorobenzene	92.7	63-125		%REC	243860	1	06/08/2017 20:15	MD
Surr: Dibromofluoromethane	102	69.9-123		%REC	243860	1	06/08/2017 20:15	MD
Surr: Toluene-d8	100	70-122		%REC	243860	1	06/08/2017 20:15	MD
PERCENT MOISTURE D2216								
Percent Moisture	22.0	0		wt%	R344800	1	06/06/2017 11:00	JC

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: 12-Jun-17

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1706259-022

Client Sample ID: TRIP BLANK
Collection Date: 6/2/2017 3:00:00 PM
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	243736	1	06/07/2017 15:50	LJ
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	243736	1	06/07/2017 15:50	LJ
1,1,2-Trichloroethane	BRL	5.0		ug/L	243736	1	06/07/2017 15:50	LJ
1,1-Dichloroethane	BRL	5.0		ug/L	243736	1	06/07/2017 15:50	LJ
1,1-Dichloroethene	BRL	5.0		ug/L	243736	1	06/07/2017 15:50	LJ
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	243736	1	06/07/2017 15:50	LJ
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	243736	1	06/07/2017 15:50	LJ
1,2-Dibromoethane	BRL	5.0		ug/L	243736	1	06/07/2017 15:50	LJ
1,2-Dichlorobenzene	BRL	5.0		ug/L	243736	1	06/07/2017 15:50	LJ
1,2-Dichloroethane	BRL	5.0		ug/L	243736	1	06/07/2017 15:50	LJ
1,2-Dichloropropane	BRL	5.0		ug/L	243736	1	06/07/2017 15:50	LJ
1,3-Dichlorobenzene	BRL	5.0		ug/L	243736	1	06/07/2017 15:50	LJ
1,4-Dichlorobenzene	BRL	5.0		ug/L	243736	1	06/07/2017 15:50	LJ
2-Butanone	BRL	50		ug/L	243736	1	06/07/2017 15:50	LJ
2-Hexanone	BRL	10		ug/L	243736	1	06/07/2017 15:50	LJ
4-Methyl-2-pentanone	BRL	10		ug/L	243736	1	06/07/2017 15:50	LJ
Acetone	BRL	50		ug/L	243736	1	06/07/2017 15:50	LJ
Benzene	BRL	5.0		ug/L	243736	1	06/07/2017 15:50	LJ
Bromodichloromethane	BRL	5.0		ug/L	243736	1	06/07/2017 15:50	LJ
Bromoform	BRL	5.0		ug/L	243736	1	06/07/2017 15:50	LJ
Bromomethane	BRL	5.0		ug/L	243736	1	06/07/2017 15:50	LJ
Carbon disulfide	BRL	5.0		ug/L	243736	1	06/07/2017 15:50	LJ
Carbon tetrachloride	BRL	5.0		ug/L	243736	1	06/07/2017 15:50	LJ
Chlorobenzene	BRL	5.0		ug/L	243736	1	06/07/2017 15:50	LJ
Chloroethane	BRL	10		ug/L	243736	1	06/07/2017 15:50	LJ
Chloroform	BRL	5.0		ug/L	243736	1	06/07/2017 15:50	LJ
Chloromethane	BRL	10		ug/L	243736	1	06/07/2017 15:50	LJ
cis-1,2-Dichloroethene	BRL	5.0		ug/L	243736	1	06/07/2017 15:50	LJ
cis-1,3-Dichloropropene	BRL	5.0		ug/L	243736	1	06/07/2017 15:50	LJ
Cyclohexane	BRL	5.0		ug/L	243736	1	06/07/2017 15:50	LJ
Dibromochloromethane	BRL	5.0		ug/L	243736	1	06/07/2017 15:50	LJ
Dichlorodifluoromethane	BRL	10		ug/L	243736	1	06/07/2017 15:50	LJ
Ethylbenzene	BRL	5.0		ug/L	243736	1	06/07/2017 15:50	LJ
Freon-113	BRL	10		ug/L	243736	1	06/07/2017 15:50	LJ
Isopropylbenzene	BRL	5.0		ug/L	243736	1	06/07/2017 15:50	LJ
m,p-Xylene	BRL	5.0		ug/L	243736	1	06/07/2017 15:50	LJ
Methyl acetate	BRL	5.0		ug/L	243736	1	06/07/2017 15:50	LJ
Methyl tert-butyl ether	BRL	5.0		ug/L	243736	1	06/07/2017 15:50	LJ
Methylcyclohexane	BRL	5.0		ug/L	243736	1	06/07/2017 15:50	LJ
Methylene chloride	BRL	5.0		ug/L	243736	1	06/07/2017 15:50	LJ
o-Xylene	BRL	5.0		ug/L	243736	1	06/07/2017 15:50	LJ

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: 12-Jun-17

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1706259-022

Client Sample ID: TRIP BLANK
Collection Date: 6/2/2017 3:00:00 PM
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	243736	1	06/07/2017 15:50	LJ
Tetrachloroethene	BRL	5.0		ug/L	243736	1	06/07/2017 15:50	LJ
Toluene	BRL	5.0		ug/L	243736	1	06/07/2017 15:50	LJ
trans-1,2-Dichloroethene	BRL	5.0		ug/L	243736	1	06/07/2017 15:50	LJ
trans-1,3-Dichloropropene	BRL	5.0		ug/L	243736	1	06/07/2017 15:50	LJ
Trichloroethene	BRL	5.0		ug/L	243736	1	06/07/2017 15:50	LJ
Trichlorofluoromethane	BRL	5.0		ug/L	243736	1	06/07/2017 15:50	LJ
Vinyl chloride	BRL	2.0		ug/L	243736	1	06/07/2017 15:50	LJ
Surr: 4-Bromofluorobenzene	89	66.1-129		%REC	243736	1	06/07/2017 15:50	LJ
Surr: Dibromofluoromethane	96.1	83.6-123		%REC	243736	1	06/07/2017 15:50	LJ
Surr: Toluene-d8	99.6	81.8-118		%REC	243736	1	06/07/2017 15:50	LJ

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: 12-Jun-17

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1706259-023

Client Sample ID: TRIP BLANK #2
Collection Date: 6/2/2017 3:00:00 PM
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	243736	1	06/07/2017 16:16	LJ
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	243736	1	06/07/2017 16:16	LJ
1,1,2-Trichloroethane	BRL	5.0		ug/L	243736	1	06/07/2017 16:16	LJ
1,1-Dichloroethane	BRL	5.0		ug/L	243736	1	06/07/2017 16:16	LJ
1,1-Dichloroethene	BRL	5.0		ug/L	243736	1	06/07/2017 16:16	LJ
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	243736	1	06/07/2017 16:16	LJ
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	243736	1	06/07/2017 16:16	LJ
1,2-Dibromoethane	BRL	5.0		ug/L	243736	1	06/07/2017 16:16	LJ
1,2-Dichlorobenzene	BRL	5.0		ug/L	243736	1	06/07/2017 16:16	LJ
1,2-Dichloroethane	BRL	5.0		ug/L	243736	1	06/07/2017 16:16	LJ
1,2-Dichloropropane	BRL	5.0		ug/L	243736	1	06/07/2017 16:16	LJ
1,3-Dichlorobenzene	BRL	5.0		ug/L	243736	1	06/07/2017 16:16	LJ
1,4-Dichlorobenzene	BRL	5.0		ug/L	243736	1	06/07/2017 16:16	LJ
2-Butanone	BRL	50		ug/L	243736	1	06/07/2017 16:16	LJ
2-Hexanone	BRL	10		ug/L	243736	1	06/07/2017 16:16	LJ
4-Methyl-2-pentanone	BRL	10		ug/L	243736	1	06/07/2017 16:16	LJ
Acetone	BRL	50		ug/L	243736	1	06/07/2017 16:16	LJ
Benzene	BRL	5.0		ug/L	243736	1	06/07/2017 16:16	LJ
Bromodichloromethane	BRL	5.0		ug/L	243736	1	06/07/2017 16:16	LJ
Bromoform	BRL	5.0		ug/L	243736	1	06/07/2017 16:16	LJ
Bromomethane	BRL	5.0		ug/L	243736	1	06/07/2017 16:16	LJ
Carbon disulfide	BRL	5.0		ug/L	243736	1	06/07/2017 16:16	LJ
Carbon tetrachloride	BRL	5.0		ug/L	243736	1	06/07/2017 16:16	LJ
Chlorobenzene	BRL	5.0		ug/L	243736	1	06/07/2017 16:16	LJ
Chloroethane	BRL	10		ug/L	243736	1	06/07/2017 16:16	LJ
Chloroform	BRL	5.0		ug/L	243736	1	06/07/2017 16:16	LJ
Chloromethane	BRL	10		ug/L	243736	1	06/07/2017 16:16	LJ
cis-1,2-Dichloroethene	BRL	5.0		ug/L	243736	1	06/07/2017 16:16	LJ
cis-1,3-Dichloropropene	BRL	5.0		ug/L	243736	1	06/07/2017 16:16	LJ
Cyclohexane	BRL	5.0		ug/L	243736	1	06/07/2017 16:16	LJ
Dibromochloromethane	BRL	5.0		ug/L	243736	1	06/07/2017 16:16	LJ
Dichlorodifluoromethane	BRL	10		ug/L	243736	1	06/07/2017 16:16	LJ
Ethylbenzene	BRL	5.0		ug/L	243736	1	06/07/2017 16:16	LJ
Freon-113	BRL	10		ug/L	243736	1	06/07/2017 16:16	LJ
Isopropylbenzene	BRL	5.0		ug/L	243736	1	06/07/2017 16:16	LJ
m,p-Xylene	BRL	5.0		ug/L	243736	1	06/07/2017 16:16	LJ
Methyl acetate	BRL	5.0		ug/L	243736	1	06/07/2017 16:16	LJ
Methyl tert-butyl ether	BRL	5.0		ug/L	243736	1	06/07/2017 16:16	LJ
Methylcyclohexane	BRL	5.0		ug/L	243736	1	06/07/2017 16:16	LJ
Methylene chloride	BRL	5.0		ug/L	243736	1	06/07/2017 16:16	LJ
o-Xylene	BRL	5.0		ug/L	243736	1	06/07/2017 16:16	LJ

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: 12-Jun-17

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Lab ID: 1706259-023

Client Sample ID: TRIP BLANK #2
Collection Date: 6/2/2017 3:00:00 PM
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	243736	1	06/07/2017 16:16	LJ
Tetrachloroethene	BRL	5.0		ug/L	243736	1	06/07/2017 16:16	LJ
Toluene	BRL	5.0		ug/L	243736	1	06/07/2017 16:16	LJ
trans-1,2-Dichloroethene	BRL	5.0		ug/L	243736	1	06/07/2017 16:16	LJ
trans-1,3-Dichloropropene	BRL	5.0		ug/L	243736	1	06/07/2017 16:16	LJ
Trichloroethene	BRL	5.0		ug/L	243736	1	06/07/2017 16:16	LJ
Trichlorofluoromethane	BRL	5.0		ug/L	243736	1	06/07/2017 16:16	LJ
Vinyl chloride	BRL	2.0		ug/L	243736	1	06/07/2017 16:16	LJ
Surr: 4-Bromofluorobenzene	89.6	66.1-129		%REC	243736	1	06/07/2017 16:16	LJ
Surr: Dibromofluoromethane	94.2	83.6-123		%REC	243736	1	06/07/2017 16:16	LJ
Surr: Toluene-d8	101	81.8-118		%REC	243736	1	06/07/2017 16:16	LJ

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

SAMPLE/COOLER RECEIPT CHECKLIST

[Clear](#)
[Save as](#)

1. Client Name: **Environmental Planning Specialists, Inc.**

AES Work Order Number: **1706259**

2. Carrier: FedEx ☐ UPS ☐ USPS ☐ Client ☒ Courier ☐ Other _____

	Yes	No	N/A	Details	Comments
3. Shipping container/cooler received in good condition?	☒	☐	☐	damaged ☐ leaking ☐ other ☐	
4. Custody seals present on shipping container?	☐	☒	☐		
5. Custody seals intact on shipping container?	☐	☐	☒		
6. Temperature blanks present?	☒	☐	☐		
7. Cooler temperature(s) within limits of 0-6°C? [See item 13 and 14 for temperature recordings.]	☒	☐	☐	Cooling initiated for recently collected samples / ice present ☐	
8. Chain of Custody (COC) present?	☒	☐	☐		
9. Chain of Custody signed, dated, and timed when relinquished and received?	☒	☐	☐		
10. Sampler name and/or signature on COC?	☒	☐	☐		
11. Were all samples received within holding time?	☒	☐	☐		
12. TAT marked on the COC?	☒	☐	☐	If no TAT indicated, proceeded with standard TAT per Terms & Conditions. ☐	

13. Cooler 1 Temperature 1.3 °C Cooler 2 Temperature 1.5 °C Cooler 3 Temperature _____ °C Cooler 4 Temperature _____ °C
14. Cooler 5 Temperature _____ °C Cooler 6 Temperature _____ °C Cooler 7 Temperature _____ °C Cooler 8 Temperature _____ °C

15. Comments: _____

I certify that I have completed sections 1-15 (dated initials).

MJ 6-2-17

	Yes	No	N/A	Details	Comments
16. Were sample containers intact upon receipt?	☒	☐	☐		
17. Custody seals present on sample containers?	☐	☒	☐		
18. Custody seals intact on sample containers?	☐	☐	☒		
19. Do sample container labels match the COC?	☒	☐	☐	incomplete info ☐ illegible ☐ no label ☐ other ☐	
20. Are analyses requested indicated on the COC?	☒	☐	☐		
21. Were all of the samples listed on the COC received?	☒	☐	☐	samples received but not listed on COC ☐ samples listed on COC not received ☐	
22. Was the sample collection date/time noted?	☒	☐	☐		
23. Did we receive sufficient sample volume for indicated analyses?	☒	☐	☐		
24. Were samples received in appropriate containers?	☒	☐	☐		
25. Were VOA samples received without headspace (< 1/4" bubble)?	☒	☐	☐		
26. Were trip blanks submitted?	☒	☐	☐	listed on COC ☒ not listed on COC ☐	

27. Comments: _____

I certify that I have completed sections 16-27 (dated initials).

MJ 6-5-17

	Yes	No	N/A	Details	Comments
28. Have containers needing chemical preservation been checked?	☐	☐	☒		
29. Containers meet preservation guidelines?	☐	☐	☒		
30. Was pH adjusted?	☐	☐	☒		

I certify that I have completed sections 28-30 (dated initials).

MJ 6-5-17

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Workorder: 1706259

ANALYTICAL QC SUMMARY REPORT**BatchID: 243665**

Sample ID: MB-243665		Client ID:			Units: mg/Kg		Prep Date: 06/06/2017		Run No: 344881		
SampleType: MBLK		TestCode: METALS, TOTAL SW6010D			BatchID: 243665		Analysis Date: 06/07/2017		Seq No: 7567827		
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic BRL 5.00
Chromium BRL 2.50
Lead BRL 5.00

Sample ID: LCS-243665	Client ID:					Units: mg/Kg	Prep Date: 06/06/2017	Run No: 344881			
SampleType: LCS	TestCode: METALS, TOTAL	SW6010D				BatchID: 243665	Analysis Date: 06/07/2017	Seq No: 7567828			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic 47.13 5.00 50.00 94.3 80 120
Chromium 51.24 2.50 50.00 0.07550 102 80 120
Lead 49.80 5.00 50.00 0.1320 99.3 80 120

Sample ID: 1706259-001CMS	Client ID: 17153-S-3-0.5	Units: mg/Kg-dry				Prep Date: 06/06/2017	Run No: 344881				
SampleType: MS	TestCode: METALS, TOTAL	SW6010D	BatchID: 243665				Analysis Date: 06/07/2017	Seq No: 7567832			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic 90.02 6.30 63.02 28.49 97.6 75 125
Chromium 79.74 3.15 63.02 17.72 98.4 75 125
Lead 128.5 6.30 63.02 79.74 77.4 75 125

Sample ID: 1706259-001CMSD	Client ID: 17153-S-3-0.5	Units: mg/Kg-dry				Prep Date: 06/06/2017	Run No: 344881				
SampleType: MSD	TestCode: METALS, TOTAL SW6010D	BatchID: 243665				Analysis Date: 06/07/2017	Seq No: 7567833				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic 86.33 6.31 63.07 28.49 91.7 75 125 90.02 4.19 20
Chromium 77.23 3.15 63.07 17.72 94.4 75 125 79.74 3.19 20
Lead 110.3 6.31 63.07 79.74 48.4 75 125 128.5 15.3 20 S

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: 1706259

ANALYTICAL QC SUMMARY REPORT**BatchID: 243736**

Sample ID: MB-243736		Client ID:		Units: ug/L		Prep Date: 06/07/2017		Run No: 344822			
SampleType: MBLK		TestCode: TCL VOLATILE ORGANICS SW8260B		BatchID: 243736		Analysis Date: 06/07/2017		Seq No: 7567183			
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: 1706259

ANALYTICAL QC SUMMARY REPORT**BatchID: 243736**

Sample ID: MB-243736	Client ID:					Units: ug/L	Prep Date: 06/07/2017		Run No: 344822		
SampleType: MBLK	TestCode: TCL VOLATILE ORGANICS	SW8260B				BatchID: 243736	Analysis Date: 06/07/2017		Seq No: 7567183		
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	43.47	0	50.00		86.9	66.1	129				
Surr: Dibromofluoromethane	49.74	0	50.00		99.5	83.6	123				
Surr: Toluene-d8	50.79	0	50.00		102	81.8	118				

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: 1706259

ANALYTICAL QC SUMMARY REPORT**BatchID: 243736**

Sample ID: LCS-243736	Client ID:					Units: ug/L	Prep Date: 06/07/2017	Run No: 344822			
SampleType: LCS	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 243736	Analysis Date: 06/07/2017	Seq No: 7567182			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	67.66	5.0	50.00		135	68	139				
Benzene	54.17	5.0	50.00		108	74	125				
Chlorobenzene	50.30	5.0	50.00		101	75.7	123				
Toluene	54.65	5.0	50.00		109	75.9	126				
Trichloroethene	47.37	5.0	50.00		94.7	70.6	129				
Surr: 4-Bromofluorobenzene	43.93	0	50.00		87.9	66.1	129				
Surr: Dibromofluoromethane	46.54	0	50.00		93.1	83.6	123				
Surr: Toluene-d8	49.21	0	50.00		98.4	81.8	118				

Sample ID: 1706386-002AMS	Client ID:					Units: ug/L	Prep Date: 06/07/2017	Run No: 344822			
SampleType: MS	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 243736	Analysis Date: 06/07/2017	Seq No: 7569017			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	600.9	50	500.0		120	64.3	149				
Benzene	545.5	50	500.0		109	71.6	132				
Chlorobenzene	496.9	50	500.0		99.4	73.1	126				
Toluene	544.3	50	500.0		109	72.5	135				
Trichloroethene	456.6	50	500.0		91.3	70.2	132				
Surr: 4-Bromofluorobenzene	438.9	0	500.0		87.8	66.1	129				
Surr: Dibromofluoromethane	463.1	0	500.0		92.6	83.6	123				
Surr: Toluene-d8	498.3	0	500.0		99.7	81.8	118				

Sample ID: 1706386-002AMSD	Client ID:				Units: ug/L	Prep Date: 06/07/2017	Run No: 344822				
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS SW8260B				BatchID: 243736	Analysis Date: 06/07/2017	Seq No: 7569021				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	473.9	50	500.0		94.8	64.3	149	600.9	23.6	30.8	
Benzene	510.5	50	500.0		102	71.6	132	545.5	6.63	20.7	

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: 1706259

ANALYTICAL QC SUMMARY REPORT

BatchID: 243736

Sample ID: 1706386-002AMSD	Client ID:	Units: ug/L			Prep Date: 06/07/2017	Run No: 344822					
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 243736			Analysis Date: 06/07/2017	Seq No: 7569021					
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Chlorobenzene	487.3	50	500.0		97.5	73.1	126	496.9	1.95	26.6	
Toluene	517.4	50	500.0		103	72.5	135	544.3	5.07	23.2	
Trichloroethene	433.6	50	500.0		86.7	70.2	132	456.6	5.17	27.7	
Surr: 4-Bromofluorobenzene	458.4	0	500.0		91.7	66.1	129	438.9	0	0	
Surr: Dibromofluoromethane	459.6	0	500.0		91.9	83.6	123	463.1	0	0	
Surr: Toluene-d8	491.3	0	500.0		98.3	81.8	118	498.3	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		

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Workorder: 1706259

ANALYTICAL QC SUMMARY REPORT**BatchID: 243834**

Sample ID: MB-243834		Client ID:		Units: ug/Kg		Prep Date: 06/08/2017		Run No: 344935			
SampleType: MBLK		TestCode: TCL VOLATILE ORGANICS SW8260B		BatchID: 243834		Analysis Date: 06/08/2017		Seq No: 7569442			
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	100									
Benzene	BRL	5.0									
Bromodichloromethane	BRL	5.0									
Bromoform	BRL	5.0									
Bromomethane	BRL	5.0									
Carbon disulfide	BRL	10									
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: 1706259

ANALYTICAL QC SUMMARY REPORT**BatchID: 243834**

Sample ID: MB-243834	Client ID:					Units: ug/Kg	Prep Date: 06/08/2017		Run No: 344935		
SampleType: MBLK	TestCode: TCL VOLATILE ORGANICS	SW8260B				BatchID: 243834	Analysis Date: 06/08/2017		Seq No: 7569442		
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	20									
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	10									
Surr: 4-Bromofluorobenzene	48.00	0	50.00		96.0	63	125				
Surr: Dibromofluoromethane	48.79	0	50.00		97.6	69.9	123				
Surr: Toluene-d8	49.26	0	50.00		98.5	70	122				

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: 1706259

ANALYTICAL QC SUMMARY REPORT**BatchID: 243834**

Sample ID: LCS-243834	Client ID:				Units: ug/Kg	Prep Date: 06/08/2017	Run No: 344935				
SampleType: LCS	TestCode: TCL VOLATILE ORGANICS SW8260B				BatchID: 243834	Analysis Date: 06/08/2017	Seq No: 7569443				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	47.65	5.0	50.00		95.3	62	142				
Benzene	46.84	5.0	50.00		93.7	70.2	131				
Chlorobenzene	46.91	5.0	50.00		93.8	72.9	129				
Toluene	47.42	5.0	50.00		94.8	70.6	131				
Trichloroethene	46.44	5.0	50.00		92.9	70.1	136				
Surr: 4-Bromofluorobenzene	49.47	0	50.00		98.9	63	125				
Surr: Dibromofluoromethane	48.34	0	50.00		96.7	69.9	123				
Surr: Toluene-d8	49.16	0	50.00		98.3	70	122				

Sample ID: 1706260-001AMS	Client ID:					Units: ug/Kg-dry	Prep Date: 06/08/2017	Run No: 344935			
SampleType: MS	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 243834	Analysis Date: 06/08/2017	Seq No: 7571555			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	44.45	5.4	53.78		82.6	55	143				
Benzene	46.02	5.4	53.78		85.6	68.5	128				
Chlorobenzene	46.25	5.4	53.78		86.0	67.7	126				
Toluene	44.96	5.4	53.78		83.6	66.9	128				
Trichloroethene	43.75	5.4	53.78		81.3	60.7	133				
Surr: 4-Bromofluorobenzene	52.49	0	53.78		97.6	63	125				
Surr: Dibromofluoromethane	52.02	0	53.78		96.7	69.9	123				
Surr: Toluene-d8	52.00	0	53.78		96.7	70	122				

Sample ID: 1706260-001AMSD	Client ID:					Units: ug/Kg-dry	Prep Date: 06/08/2017	Run No: 344935			
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 243834	Analysis Date: 06/08/2017	Seq No: 7571556			
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	49.35	5.4	53.78		91.8	55	143	44.45	10.5	19.3	
Benzene	48.99	5.4	53.78		91.1	68.5	128	46.02	6.25	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: 1706259

ANALYTICAL QC SUMMARY REPORT

BatchID: 243834

Sample ID: 1706260-001AMSD	Client ID:	Units: ug/Kg-dry				Prep Date: 06/08/2017	Run No: 344935				
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 243834				Analysis Date: 06/08/2017	Seq No: 7571556				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Chlorobenzene	49.06	5.4	53.78		91.2	67.7	126	46.25	5.89	20	
Toluene	48.58	5.4	53.78		90.3	66.9	128	44.96	7.73	20	
Trichloroethene	46.47	5.4	53.78		86.4	60.7	133	43.75	6.03	20	
Surr: 4-Bromofluorobenzene	53.86	0	53.78		100	63	125	52.49	0	0	
Surr: Dibromofluoromethane	52.35	0	53.78		97.3	69.9	123	52.02	0	0	
Surr: Toluene-d8	53.16	0	53.78		98.8	70	122	52.00	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		

Client: Environmental Planning Specialists, Inc.
Project Name: Grantville Mill
Workorder: 1706259

ANALYTICAL QC SUMMARY REPORT**BatchID: 243860**

Sample ID: MB-243860	Client ID:					Units: ug/Kg	Prep Date: 06/08/2017		Run No: 344979		
SampleType: MBLK	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 243860	Analysis Date: 06/08/2017		Seq No: 7571649		
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	100									
Benzene	BRL	5.0									
Bromodichloromethane	BRL	5.0									
Bromoform	BRL	5.0									
Bromomethane	BRL	5.0									
Carbon disulfide	BRL	10									
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: 1706259

ANALYTICAL QC SUMMARY REPORT**BatchID: 243860**

Sample ID: MB-243860	Client ID:					Units: ug/Kg	Prep Date: 06/08/2017		Run No: 344979		
SampleType: MBLK	TestCode: TCL VOLATILE ORGANICS SW8260B					BatchID: 243860	Analysis Date: 06/08/2017		Seq No: 7571649		
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	20									
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	10									
Surr: 4-Bromofluorobenzene	47.31	0	50.00		94.6	63	125				
Surr: Dibromofluoromethane	49.49	0	50.00		99.0	69.9	123				
Surr: Toluene-d8	51.88	0	50.00		104	70	122				

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: 1706259

ANALYTICAL QC SUMMARY REPORT**BatchID: 243860**

Sample ID: LCS-243860	Client ID:				Units: ug/Kg	Prep Date: 06/08/2017	Run No: 344979				
SampleType: LCS	TestCode: TCL VOLATILE ORGANICS SW8260B				BatchID: 243860	Analysis Date: 06/08/2017	Seq No: 7571650				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	55.43	5.0	50.00		111	62	142				
Benzene	52.40	5.0	50.00		105	70.2	131				
Chlorobenzene	53.08	5.0	50.00		106	72.9	129				
Toluene	51.58	5.0	50.00		103	70.6	131				
Trichloroethene	54.25	5.0	50.00		108	70.1	136				
Surr: 4-Bromofluorobenzene	49.96	0	50.00		99.9	63	125				
Surr: Dibromofluoromethane	50.59	0	50.00		101	69.9	123				
Surr: Toluene-d8	50.56	0	50.00		101	70	122				

Sample ID: 1706259-019AMS	Client ID: 17153-SB-22-2	Units: ug/Kg-dry				Prep Date: 06/08/2017	Run No: 344979				
SampleType: MS	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 243860				Analysis Date: 06/08/2017	Seq No: 7571717				
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	67.51	6.3	63.11		107	55	143				
Benzene	63.60	6.3	63.11		101	68.5	128				
Chlorobenzene	64.50	6.3	63.11		102	67.7	126				
Toluene	63.25	6.3	63.11		100	66.9	128				
Trichloroethene	64.62	6.3	63.11		102	60.7	133				
Surr: 4-Bromofluorobenzene	59.25	0	63.11		93.9	63	125				
Surr: Dibromofluoromethane	64.19	0	63.11		102	69.9	123				
Surr: Toluene-d8	63.98	0	63.11		101	70	122				

Sample ID: 1706259-019AMSD	Client ID: 17153-SB-22-2	Units: ug/Kg-dry		Prep Date: 06/08/2017	Run No: 344979						
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 243860		Analysis Date: 06/08/2017	Seq No: 7571718						
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	72.03	6.3	63.11		114	55	143	67.51	6.48	19.3	
Benzene	66.48	6.3	63.11		105	68.5	128	63.60	4.42	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: 1706259

ANALYTICAL QC SUMMARY REPORT

BatchID: 243860

Sample ID: 1706259-019AMSD	Client ID: 17153-SB-22-2	Units: ug/Kg-dry	Prep Date: 06/08/2017	Run No: 344979							
SampleType: MSD	TestCode: TCL VOLATILE ORGANICS SW8260B	BatchID: 243860	Analysis Date: 06/08/2017	Seq No: 7571718							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Chlorobenzene	68.31	6.3	63.11		108	67.7	126	64.50	5.74	20	
Toluene	66.96	6.3	63.11		106	66.9	128	63.25	5.70	20	
Trichloroethene	68.86	6.3	63.11		109	60.7	133	64.62	6.35	20	
Surr: 4-Bromofluorobenzene	62.91	0	63.11		99.7	63	125	59.25	0	0	
Surr: Dibromofluoromethane	62.19	0	63.11		98.5	69.9	123	64.19	0	0	
Surr: Toluene-d8	63.27	0	63.11		100	70	122	63.98	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		