



July 20, 2022

Stephens County Board of Commissioners  
802 East Doyle Street  
Toccoa, Georgia 30577

Attention: Mr. Jason Holland, Public Works Director  
[jholland@stephenscountyga.gov](mailto:jholland@stephenscountyga.gov)

**Subject:** Limited Subsurface Investigation  
Former Tire Shop (Casey's Pro Tire)  
36 Mize Road  
Toccoa, Stephens County, Georgia 30577

Dear Mr. Holland,

Mill Creek Environmental, LLC (MCE) has completed a Limited Subsurface Investigation (LSI) for the property located at 36 Mize Road in Toccoa, Stephens County, Georgia (the "Site"). This investigation was conducted based on information obtained during a Phase I Environmental Site Assessment (ESA) completed for the subject property by MCE in May of 2022. The purpose of the LSI was to collect soil and/or groundwater samples to determine if the Site has been impacted by these activities.

On June 30, 2022, seven soil borings were drilled at the Site to collect soil and groundwater samples for laboratory analysis. Each sample was analyzed for volatile organic compounds (VOCs) by EPA Method 8260B and polycyclic aromatic hydrocarbons (PAHs) by EPA Method 8270C. Sample SB-01-10 exhibited detectable concentrations of PAH compounds, but none exceeded their respective Media Target Concentrations (MTCs) and all were vertically delineated to below reporting levels (BRL) above groundwater. Sample SB-03-5 exhibited detectable concentrations of VOCs, but none exceeded their respective MTCs and all were vertically delineated to BRL above groundwater. Soil samples SB-06-5 and SB-07-2 exhibited detectable concentrations of acetone, but none that exceeded the applicable MTC.

The following conclusions are based on the findings of the LSI:

- VOCs and PAHs were not detected above their respective MTCs in any of the soil samples;
- Low concentrations of VOCs were detected in boring SB-03, but all were vertically delineated to BRL above the groundwater table;
- Low concentrations of VOCs were detected in boring SB-03 but none that exceeded the applicable MTC;
- Low concentrations of PAH were detected in boring SB-01, but all were vertically delineated to BRL above the groundwater table; and

- Groundwater was not encountered above 30 feet below ground surface in any of the soil borings installed during this investigation.


Based on the analytical results of this investigation, MCE concludes that additional assessment does not appear warranted.

If you have questions or need additional information, please contact the undersigned at 706-579-1607.

Sincerely,



Alex Koslick  
Project Scientist



Roger White, PG, EP  
Senior Geologist



## **Limited Subsurface Investigation**

Of:

**Former Casey's Pro Tire  
36 Mize Road  
Toccoa, Stephens County, Georgia 30577**



Prepared For:

**Stephens County Board of Commissioners  
802 E. Doyle Street  
Toccoa, Georgia 30577**

Prepared By:

**Mill Creek Environmental, LLC  
4055 Highway 53 East  
Dawsonville, Georgia 30534**

**MCE Project #: SCPW-2201-2**

**July 2022**



**TABLE OF CONTENTS**

**1 CERTIFICATION .....2**

**2 INTRODUCTION.....3**

2.1 PURPOSE .....3

2.2 SCOPE OF WORK .....3

2.3 LIMITATIONS.....4

**3 SITE DESCRIPTION .....4**

**4 FIELD ACTIVITIES .....4**

4.1 SOIL SAMPLING LOCATIONS .....4

4.2 SOIL SAMPLING PROCEDURES.....5

4.3 GROUNDWATER SAMPLING PROCEDURES.....6

**5 SOIL ANALYTICAL RESULTS .....6**

**6 FINDINGS .....6**

**7 CONCLUSIONS AND RECOMMENDATIONS.....6**

**LIST OF FIGURES**

- Figure 1** Site Location Map
- Figure 2** Soil Analytical Results

**LIST OF TABLES**

- Table 1a** Soil Analytical Results – Volatile Organic Compounds
- Table 1b** Soil Analytical Results – Polycyclic Aromatic Hydrocarbons

**LIST OF APPENDICES**

- Appendix A** Soil Boring Logs
- Appendix B** Laboratory Analytical Reports

## 1 CERTIFICATION

We have completed this assessment in accordance with generally accepted environmental practices and procedures as of the date of this report. We have employed the degree of care and skill ordinarily exercised under similar circumstances by reputable environmental professionals practicing in this area. The conclusions contained within this assessment are based upon site conditions we readily observed or were reasonably ascertainable and present at the time of the site inspection, reasonably ascertainable regulatory information, and reasonably ascertainable historical information.

The scope of this assessment does not purport to encompass every report, record, or other form of documentation relevant to the property being evaluated. To the best of our knowledge, this Limited Subsurface Investigation has been completed in compliance with ASTM Standard E 1903-11 for Phase II Environmental Site Assessments.

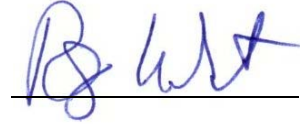
We declare that we meet the definition of Environmental Professional as defined in §312.10 of 40 CFR 312 and we have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the property.

Prepared By:



Alex Koslick  
Project Scientist

Reviewed By:



Roger White, PG  
Senior Geologist

## 2 INTRODUCTION

Mill Creek Environmental, LLC (MCE) has completed a Limited Subsurface Investigation (LSI) for the former tire shop located at 36 Mize Road in Toccoa, Stephens County, Georgia (the “Site”). Work was completed in general accordance with the American Society for Testing and Materials (ASTM) E1903-11 Standard Practice for Environmental Site Assessments: Phase II Environmental Site Assessment Process.

### 2.1 Purpose

This investigation was conducted based on information obtained during a Phase I Environmental Site Assessment (ESA) completed for the subject property by MCE in May of 2022. The purpose of the LSI was to collect soil and/or groundwater samples to determine if the Site has been impacted by these activities.

### 2.2 Scope of Work

The scope of work completed included the following tasks:

- **TASK 1** - MCE contacted Georgia 811 utilities protection center to locate underground utilities around the site. In addition, a private utility locator was contracted to mark buried utilities and provide clearance for the work area to minimize the potential for damage to underground utilities prior to drilling soil borings;
- **TASK 2**- Four direct-push soil borings (SB-01 through SB-04) were drilled to collect soil samples for physical description, screening for volatile organic compounds (VOCs) and laboratory analysis;
- **TASK 3**- Soil samples were collected at depth intervals of five feet from each soil boring and screened for VOCs using a photo-ionization detector (PID) and the headspace method;
- **TASK 4**- Three shallow soil borings were advanced using a hand auger in locations inaccessible to mechanical drilling equipment. Each hand auger boring was be drilled to a depth of five ft bgs or sample equipment refusal;
- **TASK 5**- Two soil samples were collected from each direct-push soil boring for laboratory analysis based on physical description, depth, and PID measurements. From soil borings installed using a hand auger, one soil sample was collected for laboratory analysis. Soil samples were submitted to a certified laboratory for analysis of VOCs by EPA SW-846 Method 8260B and polycyclic aromatic hydrocarbons (PAHs) by EPA SW-846 Method 8270C;
- **TASK 6**- This summary report was prepared to summarize the scope of work completed, methods used, analytical result and findings.

All tasks were completed under the direction of a Georgia Registered Professional Geologist.

### 2.3 Limitations

The report and any other information that MCE prepared and submitted to the **Stephens County Board of Commissioners** (*the “User”*), in connection with this project (the “Report”), are for the sole use and benefit of the *User* and may not be used or relied upon by any other person or entity without the prior written consent of the *User* and MCE, except as provided for specifically in the agreement. Any such consent given by MCE will be deemed to be and will be subject to the terms and conditions as MCE may reasonably require, including without limitation a monetary limit to MCE’s liability to any person granted such consent (the “Grantee”), and any such Grantee will be deemed to have agreed to such terms and conditions by its use and reliance on the Report. The use or re-use of this document or the findings, conclusions, or recommendations presented herein by any other party or parties is at the sole risk of said *User*.

MCE and the *User* agree that (1) the information in the Report relates only to the property specifically described in the Report and was presented in accordance with and subject to the scope of work described in the Report or specifically agreed to by MCE and the *User*; (2) the information and conclusions provided in the Report apply only to the Site as it existed at the time of MCE’s site examination. Should site use or conditions change or should there be changes in applicable laws, standards, or technology, the information and conclusions in the Report may no longer apply; (3) MCE makes no representations regarding the value or marketability of this property or its suitability for any particular use, and none should be inferred based on the Report; (4) the Report is intended to be used in its entirety and no excerpts may be taken to be representative of the findings of this investigation; and (5) environmental land-use issues and constraints of possible relevance (e.g., wetland surveys, sensitive habitats, radon, lead paint, asbestos, etc.) were not included in this scope of services.

### 3 SITE DESCRIPTION

The Site consists of one parcel totaling approximately 1.09 acres identified in the Stephens County Tax Assessor’s database as Parcel Number T21 147. The subject property was unoccupied at the time of this assessment. The most recent occupant was identified as Casey’s Pro Tire. Site improvements consist of a 4,380 square-foot auto service building constructed in 1994 with an 850 square-foot addition built in 2002. The building is constructed with steel-framed walls on a concrete slab foundation. The building includes six drive-in bay doors opening to maintenance stalls located along the northeast side of the building. The western portion of the Site consists of wooded land.

A topographic map showing the location of the Site is provided as **Figure 1**.

### 4 FIELD ACTIVITIES

Site investigative activities were completed on June 30, 2022. The following sections summarize the sample location rationale and sampling procedures.

#### 4.1 Soil Sampling Locations

Soil boring locations were selected based on topography and inferred groundwater flow direction and marked underground utilities. The purpose for each soil boring is summarized below.

- SB-01** This soil boring location was selected to assess soil and groundwater conditions on the eastern portion of the Site down-gradient of the septic system servicing the tire shop. Ground cover at this location was grass. Soil boring SB-01 was drilled to a total depth of 28 feet below ground surface (ft bgs). Groundwater was not encountered in this soil boring.
- SB-02** This soil boring location was selected to assess soil and groundwater conditions on the northern portion of the Site down-gradient of the gas station located across Mize Road. Ground cover at this location was asphalt. Sample tool refusal was encountered at 26 ft bgs in soil boring SB-02. Groundwater was not encountered in this soil boring.
- SB-03** This soil boring location was selected to assess soil and groundwater conditions down-gradient of the tire shop and waste oil aboveground storage tanks (ASTs). Ground cover at this location was grass. Soil boring SB-03 was drilled to a total depth of 30 ft bgs. Groundwater was not encountered in this soil boring.
- SB-04** This soil boring location was selected to assess soil and groundwater conditions on the central portion of the Site down-gradient of the tire shop. Ground cover at this location was grass. Sample tool refusal was encountered at 30 ft bgs in soil boring SB-04. Groundwater was not encountered in this soil boring.
- SB-05** This soil boring location was selected to assess soil conditions along the building of the tire shop where staining was observed. Ground cover at this location was grass. Soil boring SB-05 was hand augered to a total depth of 5 ft bgs.
- SB-06** This soil boring location was selected to assess soil conditions along piping from the tire shop to the waste oil ASTs, where oil staining was observed. Ground cover at this location was grass. Soil boring SB-06 was hand augered to a total depth of 5 ft bgs.
- SB-07** This soil boring location was selected to assess soil conditions along piping from the tire shop to the waste oil ASTs, where oil staining was observed. Soil boring SB-07 was hand augered to a total depth of 5 ft bgs.

Soil boring locations are shown on **Figure 2**. Soil boring logs are provided in **Appendix A**.

#### **4.2 Soil Sampling Procedures**

Soil borings SB-01 through SB-04 were drilled using direct push drilling methods. Continuous soil samples were collected from near ground surface to the total soil boring depth using a 5-foot dual tube sampler and single-use disposable polyvinyl chloride (PVC) liners for physical description, field screening, and laboratory analysis. All non-disposable sampling equipment was cleaned between soil boring locations. Soil borings SB-05 through SB-07 were drilled using a hand auger. In the hand auger borings, soil samples were collected directly from the auger bucket.

Soil samples were screened for VOCs using a MiniRAE 3000 PID and the headspace method. Soil samples were selected for laboratory analysis based on physical characteristics and sample

depth. No significant concentrations of VOCs were noted. PID data is provided on the soil boring logs included in Appendix A.

Soil samples were placed into laboratory-provided containers, sealed, labeled, packed on ice, and hand delivered using standard chain-of-custody procedures to Analytical Environmental Services (AES) in Atlanta, Georgia under standard chain-of-custody procedures. Samples were analyzed for VOCs by EPA Method 8260B and PAHs by EPA Method 8270C.

### 4.3 Groundwater Sampling Procedures

Groundwater was not encountered above 30 ft bgs in any of the soil borings installed during this investigation.

## 5 SOIL ANALYTICAL RESULTS

Soil sample SB-01-10, collected at a depth of ten ft bgs, exhibited detectable concentrations of phenanthrene, fluoranthrene, pyrene, benzo(a)anthracene, chrysene, benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(a)pyrene, benzo(ghi)perylene and indeno(1,2,3-cd)pyrene. However, none of these PAH compounds exceeded their respective Media Target Concentrations (MTCs). In addition, none of these compounds were present at concentrations above laboratory detection limits in soil sample SB-01-28, collected at a depth of 28 ft bgs from the same boring. Sample SB-03-5 exhibited detectable concentrations of ethylbenzene, cyclohexane, methylcyclohexane, m,p-xylene and o-xylene. None of these VOCs exceeded their respective MTCs. In addition, none of these compounds were present at concentrations above laboratory detection limits in soil sample SB-03-30, collected at a depth of 30 ft bgs from the same boring. Soil samples SB-06-5 and SB-07-2 exhibited detectable concentrations of acetone, but none that exceeded the applicable MTC.

## 6 FINDINGS

Analytical results indicate that no VOCs or PAH compounds were detected above their respective Georgia Hazardous Site Response Act (GA HSRA) Media Target Concentrations (MTCs) soil standards as established in *Appendix III - Media Target Concentrations and Standard Exposure Assumptions in Chapter 391-3-19 Hazardous Site Response, Georgia Department of Natural Resources Environmental Protection Division*.

Soil sample locations and analytical results are shown on **Figure 2**. Analytical results for VOCs are summarized in **Table 1a**, and PAHs are summarized in **Table 1b**. The laboratory analytical report for soil samples and chain-of-custody documentation are provided in **Appendix B**.

## 7 CONCLUSIONS and RECOMMENDATIONS

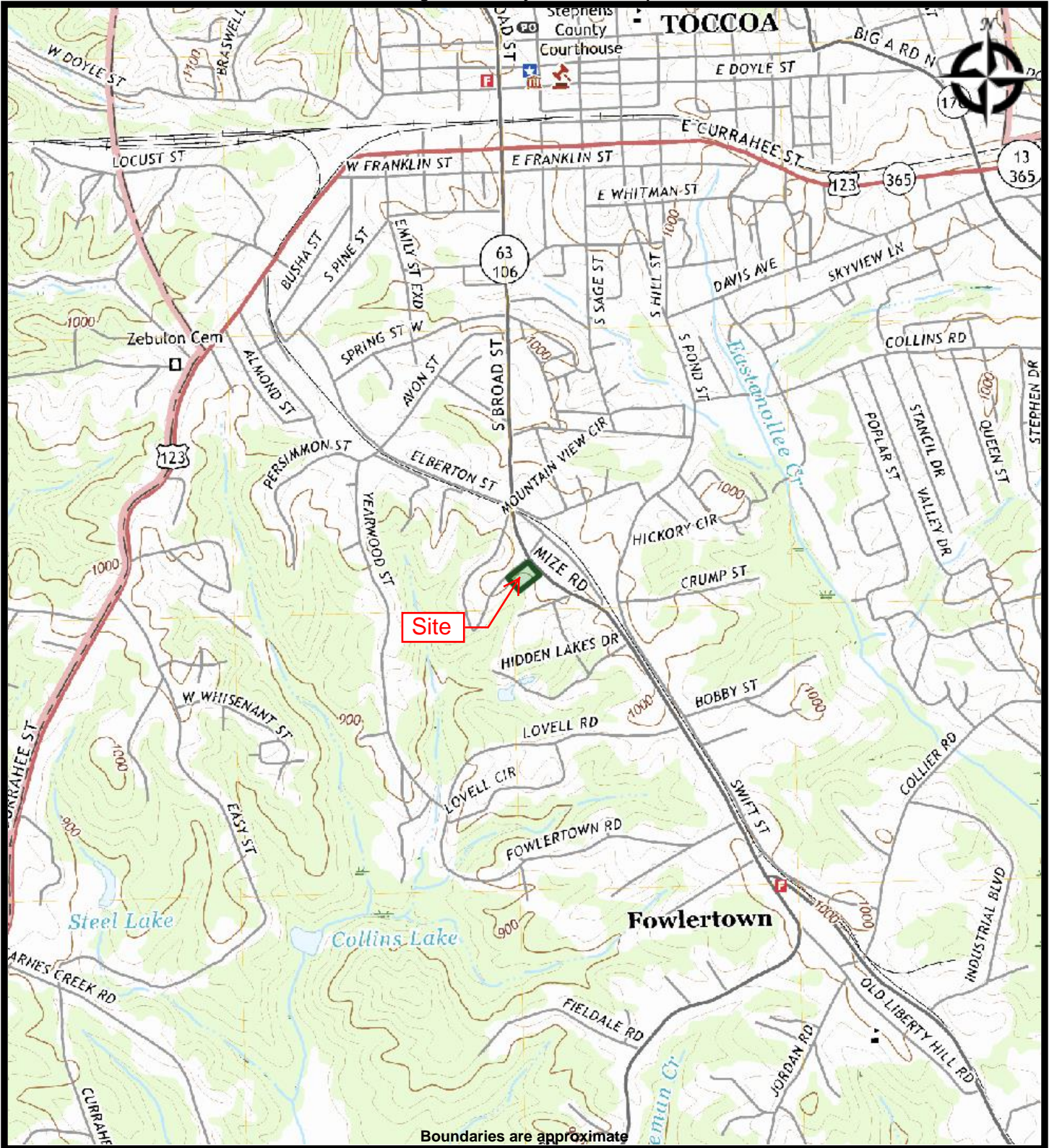
The following conclusions are based on the findings of the LSI:

- VOCs and PAHs were not detected above their respective MTCs in any of the soil samples;

- Low concentrations of VOCs were detected in boring SB-03, but all were vertically delineated to below laboratory detection limits above the groundwater table;
- Low concentrations of VOCs were detected in boring SB-03 but none that exceeded the applicable MTC;
- Low concentrations of PAH were detected in boring SB-01, but all were vertically delineated to below laboratory detection limits above the groundwater table; and
- Groundwater was not encountered above 30 ft bgs in any of the soil borings installed during this investigation.

Based on the analytical results of this investigation, MCE concludes that additional assessment does not appear warranted.

## FIGURES



**FIGURE 1: SITE LOCATION MAP**  
**Former Tire Shop (Casey's Pro Tire)**  
**36 Mize Road**  
**Toccoa, Stephens County, Georgia 30577**  
**MCE Job #SCPW-2201-2**

**LEGEND**

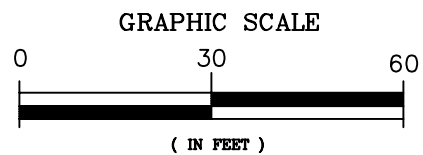
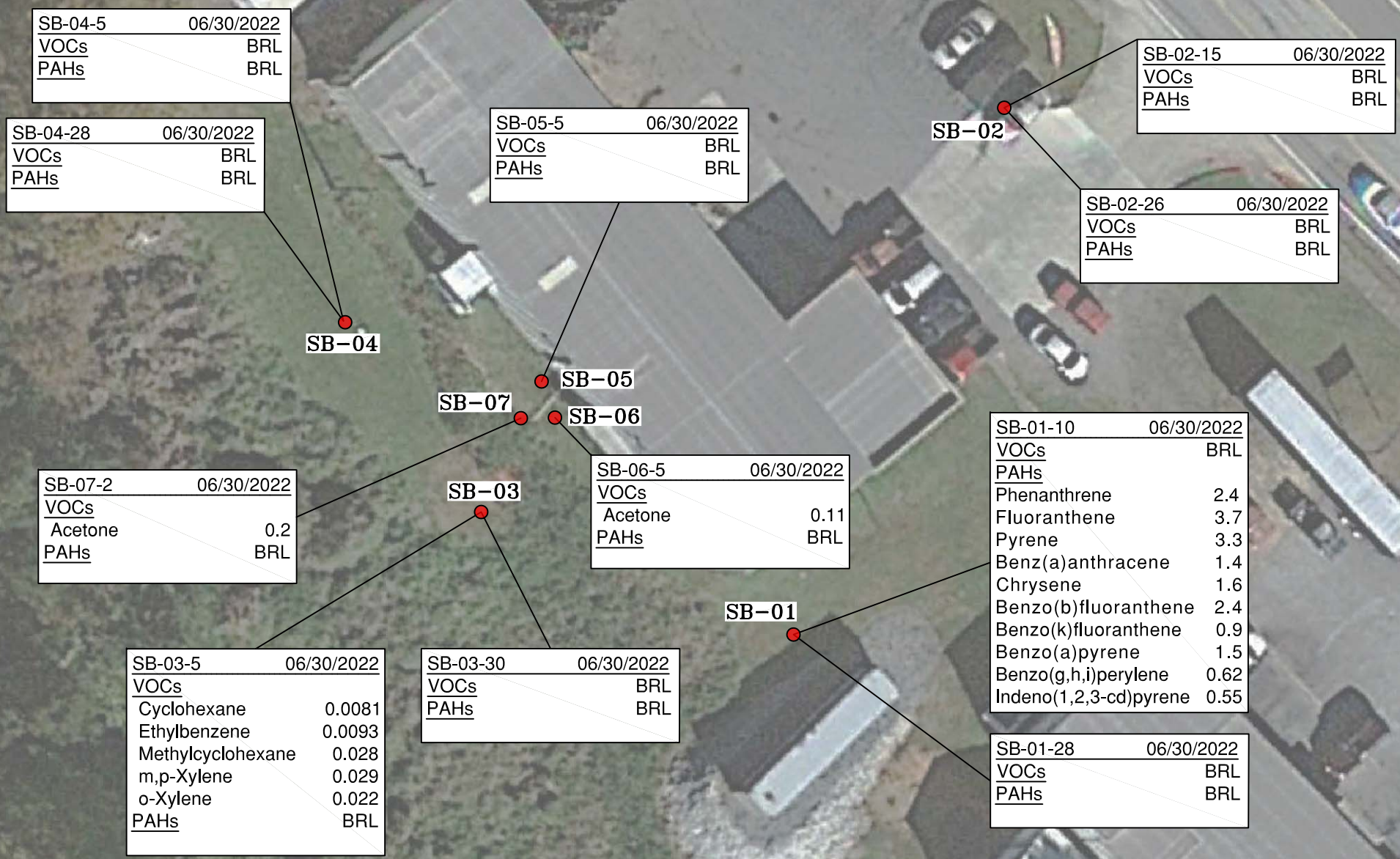
● Soil Sample Location

**Analytical Data**

Sample ID and Depth	Collection Date
SB-01-10	06/30/2022
VOCs	BRL
PAHs	BRL

BRL = Below Laboratory Reporting Limits

**Bold** Results Indicate Exceedance of applicable standards, if any  
All Results are reported in milligrams per kilogram (mg/kg)



**FIGURE 2**  
**SOIL ANALYTICAL RESULTS**  
 June 30, 2022  
 Former Tire Shop (Casey's Pro Tire)  
 36 Mize Road  
 Toccoa, Stephens County, Georgia 30577

## **TABLES**

**TABLE 1a: SOIL ANALYTICAL RESULTS  
(VOCs)**

**Former Tire Shop (Casey's Pro Tire)  
36 Mize Road  
Toccoa, Stephens County, Georgia 30577**

Sample ID	Depth (feet)	Date Sampled	VOCs (mg/kg)					
			Acetone	Ethylbenzene	Cyclohexane	Methylcyclohexane	m,p-Xylene	o-Xylene
SB-01-10	5-10	6/30/2022	<0.190	<0.0097	<0.0097	<0.0097	<0.0097	<0.0097
SB-01-28	25-28	6/30/2022	<0.085	<0.0042	<0.0051	<0.0042	<0.0042	<0.0042
SB-02-15	10-15	6/30/2022	<0.089	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045
SB-02-26	25-26	6/30/2022	<0.089	<0.0045	<0.0045	<0.0045	<0.0045	<0.0045
SB-03-5	0-5	6/30/2022	<0.081	0.0093	0.0081	0.028	0.029	0.022
SB-03-30	25-30	6/30/2022	<0.100	<0.0052	<0.0052	<0.0052	<0.0052	<0.0052
SB-04-5	0-5	6/30/2022	<0.098	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
SB-04-28	25-28	6/30/2022	<0.093	<0.0047	<0.0047	<0.0047	<0.0047	<0.0047
SB-05-5	4-5	6/30/2022	<0.080	<0.004	<0.004	<0.004	<0.004	<0.004
SB-06-5	4-5	6/30/2022	0.11	<0.0049	<0.0049	<0.0049	<0.0049	<0.0049
SB-07-2	1-2	6/30/2022	0.2	<0.0051	<0.0051	<0.0051	<0.0051	<0.0051
Applicable Standards <sup>1</sup>			2.74	20.00	20.00	NL	20.00	20.00

Notes: mg/kg = milligrams per kilogram  
 BG = Background Concentration  
 BRL = Below Laboratory Reporting Limits  
 NS = Not Sampled

<sup>1</sup> Appendix III - Media Target Concentrations and Standard Exposure Assumptions in Chapter 391-3-19 Hazardous Site Response, Georgia Department of Natural Resources Environmental Protection Division.

**Bold results** indicate exceedance of applicable standards (no exceedances)

**TABLE 1b: SOIL ANALYTICAL RESULTS  
(PAHs)**

**Former Tire Shop (Casey's Pro Tire)  
36 Mize Road  
Toccoa, Stephens County, Georgia 30577**

Sample ID	Depth (feet)	Date Sampled	PAHs (mg/kg)									
			Phenanthrene	Fluoranthene	Pyrene	Benz(a)anthracene	Chrysene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Benzo(a)pyrene	Benzo(g,h,i)perylene	Indeno(1,2,3-cd)pyrene
SB-01-10	5-10	6/30/2022	2.4	3.7	3.3	1.4	1.6	2.4	0.9	1.5	0.62	0.55
SB-01-28	25-28	6/30/2022	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37
SB-02-15	10-15	6/30/2022	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4
SB-02-26	25-26	6/30/2022	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38
SB-03-5	0-5	6/30/2022	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82	<0.82
SB-03-30	25-30	6/30/2022	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47
SB-04-5	0-5	6/30/2022	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46
SB-04-28	25-28	6/30/2022	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37	<0.37
SB-05-5	4-5	6/30/2022	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43
SB-06-5	4-5	6/30/2022	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44	<0.44
SB-07-2	1-2	6/30/2022	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43	<0.43
Applicable Standards <sup>1</sup>			110.0	500.0	500.0	5.0	5.0	5.0	5.0	1.64	500.0	5.0

Notes: mg/kg = milligrams per kilogram  
 BG = Background Concentration  
 BRL = Below Laboratory Reporting Limits  
 NS = Not Sampled

<sup>1</sup> Appendix III - Media Target Concentrations and Standard Exposure Assumptions in Chapter 391-3-19 Hazardous Site Response, Georgia Department of Natural Resources Environmental Protection Division.t

**Bold results** indicate exceedance of applicable standards (no exceedances)

**APPENDIX A**  
**SOIL BORING LOGS**

# LOG OF SOIL BORING



Client:	Stephens County Public Works	Boring No.:	SB-01
Job No.:	SCPW-2201-2	Well Number:	
Job Name:	Former Tire Shop (Casey's Pro Tire)	Well Depth:	
Date Installed:	6/30/2022	Well Diam.:	
Installed By:	Alex Koslick	Screen Length:	
Drilling Company:	EMS	Screen Material:	
Boring Depth:	28 feet	Slot Size:	
Boring Diam.:	2.25 inch	GW Level:	
Drilling Method:	Direct Push	TOC Elev.:	

DEPTH (feet)	SAMPLE INTERVAL (feet)	LITHOLOGIC DESCRIPTION	USCS CLASS	BLOW COUNTS				PID (ppm)	% REC	MONITORING WELL DIAGRAM
				0-6 6"	6-12 12"	12-18 18"	18-24 24"			
		Grass Surface							Sample SB-01-10	
	0-5	Sandy CLAY, brown, dry, mixture of construction debris.	SC							
5							0.3	60		
	5-10	Gravelly CLAY, black and gray, wet fill matmal.								
10			GC				0.3	25		
	10-15	(No Recovery)								
15			NA				NA	0		
	15-20	Sandy CLAY, red-orange, micaceous, friable, damp.								
20							0.0	100		
	20-25		SC							
25							0.1	90		
	25-28	SILT, brown+tan+orange banded, micaceous, loose, dry to slightly moist, relic schist foliation.								
			ML				0.2	70		
30		Equipment refusal at 28 feet bgs							Sample SB-01-28	

Screen Interval:	Locking Cap:
Casing Interval:	Bottom Cap:
Sand Interval:	Type of Cover:
Bentonite Interval:	Water Level at 24 Hours:
Grout Interval:	REMARKS:
Bags Sand:	
Bags Bentonite:	
Bags Cement:	

Installation Observed By: Alex Koslick

# LOG OF SOIL BORING



Client:	Stephens County Public Works	Boring No.:	SB-02
Job No.:	SCPW-2201-2	Well Number:	
Job Name:	Former Tire Shop (Casey's Pro Tire)	Well Depth:	
Date Installed:	6/30/2022	Well Diam.:	
Installed By:	Alex Koslick	Screen Length:	
Drilling Company:	EMS	Screen Material:	
Boring Depth:	26 feet	Slot Size:	
Boring Diam.:	2.25 inch	GW Level:	
Drilling Method:	Direct Push	TOC Elev.:	

DEPTH (feet)	SAMPLE INTERVAL (feet)	LITHOLOGIC DESCRIPTION	USCS CLASS	BLOW COUNTS				PID (ppm)	% REC	MONITORING WELL DIAGRAM
				0-6 6"	6-12 12"	12-18 18"	18-24 24"			
		Asphalt Surface								
	0-5	Sandy CLAY, orange, dry, micaceous.	SC							
5							0.1	30		
	5-10									
10							0.2	50		
	10-15									
15		SILT, brown+tan+orange banded, micaceous, loose, dry to slightly moist, relic schist foliation with coarse quartz sand inclusions.	ML				0.2	85	Sample SB-02-15	
	15-20									
20							0.1	60		
	20-25									
25							0.0	60		
	25-26	Equipment refusal at 28 feet bgs					0.0	20	Sample SB-02-26	
30										

Screen Interval:	Locking Cap:
Casing Interval:	Bottom Cap:
Sand Interval:	Type of Cover:
Bentonite Interval:	Water Level at 24 Hours:
Grout Interval:	REMARKS:
Bags Sand:	
Bags Bentonite:	
Bags Cement:	

Installation Observed By: Alex Koslick

# LOG OF SOIL BORING



Client:	Stephens County Public Works	Boring No.:	SB-03
Job No.:	SCPW-2201-2	Well Number:	
Job Name:	Former Tire Shop (Casey's Pro Tire)	Well Depth:	
Date Installed:	6/30/2022	Well Diam.:	
Installed By:	Alex Koslick	Screen Length:	
Drilling Company:	EMS	Screen Material:	
Boring Depth:	30 feet	Slot Size:	
Boring Diam.:	2.25 inch	GW Level:	
Drilling Method:	Direct Push	TOC Elev.:	

DEPTH (feet)	SAMPLE INTERVAL (feet)	LITHOLOGIC DESCRIPTION	USCS CLASS	BLOW COUNTS				PID (ppm)	% REC	MONITORING WELL DIAGRAM
				0-6 6"	6-12 12"	12-18 18"	18-24 24"			
		Grass Surface							Sample SB-03-5	
	0-5	Gravelly sandy CLAY, brown, dry, mixture of construction debris, petroleum odor.					18.7	30		
5			GC							
	5-10	(No Recovery)								
10			NA				NA	NA		
	10-15									
15		Gravelly CLAY, mixture of construction debris, wet.	GC				0.4	10		
	15-20									
20							3.5	10		
	20-25	Sandy CLAY, brown and red, damp, slightly plastic clay with inclusions of coarse quartz sand.								
			CL							
25							0.0	80		
	25-28	SILT, brown+tan+orange banded, micaceous, loose, dry to slightly moist, relic schist foliation.								
			ML							
30		Boring terminated at 30 feet bgs					0.1	80		

Screen Interval:	Locking Cap:
Casing Interval:	Bottom Cap:
Sand Interval:	Type of Cover:
Bentonite Interval:	Water Level at 24 Hours:
Grout Interval:	REMARKS:
Bags Sand:	
Bags Bentonite:	
Bags Cement:	

Installation Observed By: Alex Koslick

# LOG OF SOIL BORING



Client:	Stephens County Public Works	Boring No.:	SB-04
Job No.:	SCPW-2201-2	Well Number:	
Job Name:	Former Tire Shop (Casey's Pro Tire)	Well Depth:	
Date Installed:	6/30/2022	Well Diam.:	
Installed By:	Alex Koslick	Screen Length:	
Drilling Company:	EMS	Screen Material:	
Boring Depth:	28 feet	Slot Size:	
Boring Diam.:	2.25 inch	GW Level:	
Drilling Method:	Direct Push	TOC Elev.:	

DEPTH (feet)	SAMPLE INTERVAL (feet)	LITHOLOGIC DESCRIPTION	USCS CLASS	BLOW COUNTS				PID (ppm)	% REC	MONITORING WELL DIAGRAM
				0-6 6"	6-12 12"	12-18 18"	18-24 24"			
		Grass Surface							Sample SB-04-5	
	0-5									
5		Gravelly sandy CLAY, brown, dry to moist, micas, mixture of construction debris.					0.2	50		
	5-10									
10		silty CLAY, red, damp, slightly plastic, micaceous.	GC				0.0	30		
	10-15		SC							
15							0.0	80		
	15-20									
20		SILT, brown+tan+orange banded, micaceous, loose, dry, relic schist foliation, few inclusions of coarse quartz sand.					0.0	80		
	20-25									
25			ML				0.0	80		
	25-28	Sandy SILT, brown and red, dry, poorly graded relic schist foliation with coarse quartz sand.								
		Equipment refusal at 28 feet bgs	ML				0.0	50	Sample SB-04-28	
30										

Screen Interval:	Locking Cap:
Casing Interval:	Bottom Cap:
Sand Interval:	Type of Cover:
Bentonite Interval:	Water Level at 24 Hours:
Grout Interval:	REMARKS:
Bags Sand:	
Bags Bentonite:	
Bags Cement:	

Installation Observed By: Alex Koslick

# LOG OF SOIL BORING



Client:	Stephens County Public Works	Boring No.:	SB-05
Job No.:	SCPW-2201-2	Well Number:	
Job Name:	Former Tire Shop (Casey's Pro Tire)	Well Depth:	
Date Installed:	6/30/2022	Well Diam.:	
Installed By:	Alex Koslick	Screen Length:	
Drilling Company:	EMS	Screen Material:	
Boring Depth:	5 feet	Slot Size:	
Boring Diam.:	3 inch	GW Level:	
Drilling Method:	Hand Auger	TOC Elev.:	

DEPTH (feet)	SAMPLE INTERVAL (feet)	LITHOLOGIC DESCRIPTION	USCS CLASS	BLOW COUNTS				PID (ppm)	% REC	MONITORING WELL DIAGRAM
				0-6 6"	6-12 12"	12-18 18"	18-24 24"			
	0-1	Oil Stained Grass Surface						0.0		<b>Sample SB-05-5</b>
	1-2							0.3		
	2-3	Sandy CLAY, red and gray, micaceous, friable, few quartz gravels, dark inclusions, wet.						0.3		
	3-4							0.3		
5	4-5		SC					4.3		
10										
15										
20										
25										
30										

Screen Interval:	Locking Cap:
Casing Interval:	Bottom Cap:
Sand Interval:	Type of Cover:
Bentonite Interval:	Water Level at 24 Hours:
Grout Interval:	REMARKS:
Bags Sand:	
Bags Bentonite:	
Bags Cement:	

Installation Observed By: Alex Koslick

# LOG OF SOIL BORING



Client:	Stephens County Public Works	Boring No.:	SB-06
Job No.:	SCPW-2201-2	Well Number:	
Job Name:	Former Tire Shop (Casey's Pro Tire)	Well Depth:	
Date Installed:	6/30/2022	Well Diam.:	
Installed By:	Alex Koslick	Screen Length:	
Drilling Company:	EMS	Screen Material:	
Boring Depth:	5 feet	Slot Size:	
Boring Diam.:	3 inch	GW Level:	
Drilling Method:	Hand Auger	TOC Elev.:	

DEPTH (feet)	SAMPLE INTERVAL (feet)	LITHOLOGIC DESCRIPTION	USCS CLASS	BLOW COUNTS				PID (ppm)	% REC	MONITORING WELL DIAGRAM
				0-6 6"	6-12 12"	12-18 18"	18-24 24"			
	0-1	Oil Stained Grass Surface						0.2		<b>Sample SB-06-5</b>
	1-2							0.6		
	2-3	Sandy CLAY, red, micaceous, friable, few quartz gravels, dark inclusions, wet to damp.						0.0		
	3-4							0.7		
5	4-5		SC					2.6		
10										
15										
20										
25										
30										

Screen Interval:	Locking Cap:
Casing Interval:	Bottom Cap:
Sand Interval:	Type of Cover:
Bentonite Interval:	Water Level at 24 Hours:
Grout Interval:	REMARKS:
Bags Sand:	
Bags Bentonite:	
Bags Cement:	

Installation Observed By: Alex Koslick

# LOG OF SOIL BORING



Client:	Stephens County Public Works	Boring No.:	SB-07
Job No.:	SCPW-2201-2	Well Number:	
Job Name:	Former Tire Shop (Casey's Pro Tire)	Well Depth:	
Date Installed:	6/30/2022	Well Diam.:	
Installed By:	Alex Koslick	Screen Length:	
Drilling Company:	EMS	Screen Material:	
Boring Depth:	5 feet	Slot Size:	
Boring Diam.:	3 inch	GW Level:	
Drilling Method:	Hand Auger	TOC Elev.:	

DEPTH (feet)	SAMPLE INTERVAL (feet)	LITHOLOGIC DESCRIPTION	USCS CLASS	BLOW COUNTS				PID (ppm)	% REC	MONITORING WELL DIAGRAM
				0-6 6"	6-12 12"	12-18 18"	18-24 24"			
	0-1	Oil Stained Grass Surface						0.4	<b>Sample SB-07-2</b>	
	1-2							7.3		
	2-3	Sandy CLAY, red, micaceous, friable, few quartz gravels, dark inclusions, wet to damp.						1.4		
	3-4							1.0		
5	4-5		SC					1.1		
10										
15										
20										
25										
30										

Screen Interval:	Locking Cap:
Casing Interval:	Bottom Cap:
Sand Interval:	Type of Cover:
Bentonite Interval:	Water Level at 24 Hours:
Grout Interval:	REMARKS:
Bags Sand:	
Bags Bentonite:	
Bags Cement:	

Installation Observed By: Alex Koslick

**APPENDIX B**  
**LABORATORY ANALYTICAL RESULTS**



**ANALYTICAL ENVIRONMENTAL SERVICES, INC.**

July 14, 2022

Roger White  
Mill Creek Environmental, LLC  
4055 Highway 53 E  
Dawsonville GA 30534

RE: 36 Mize Rd, Toccoa, GA

Dear Roger White:

Order No: 2207136

Analytical Environmental Services, Inc. received 12 samples on July 1, 2022 9:43 am  
for the analyses presented in following report.

“No problems were encountered during the analyses except as noted in the Case Narrative or by qualifiers in the report or QC Summary. Additionally, all results for the associated Quality Control samples were within EPA and/or AES established limits.

AES’s accreditations are as follows:

-NELAP/State of Florida Laboratory ID E87582 for analysis of Non-Potable Water, Solid & Chemical Materials, Air & Emissions Volatile Organics, and Drinking Water Microbiology & Metals, effective 07/01/22-06/30/23.

State of Georgia, Department of Natural Resources ID #800 for analysis of Drinking Water Metals, effective through 06/30/23 and Total Coliforms/ E. coli, effective 04/20/20-04/24/23.

-AIHA-LAP, LLC Laboratory ID: 100671 for Industrial Hygiene samples (Metals and PCM Asbestos), Environmental Lead (Paint, Soil, Dust Wipes, Air), and Environmental Microbiology (Fungal) Direct Examination, effective until 11/01/23.

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

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

Sincerely,

Mirzeta Kararic  
Project Manager

**Revision 7/14/2022**



**Client:** Mill Creek Environmental, LLC  
**Project:** 36 Mize Rd, Toccoa, GA  
**Lab ID:** 2207136

**Case Narrative**

Volatile Organic Compound Analysis by Method 8260D:

Percent recoveries for the internal standard compounds Chlorobenzene-d5 and 1,4-Dichlorobenzene-d4 on sample 2207136-001A were outside control limits biased high due to suspected matrix interference. All other internal standard recoveries were within control limits.

PAH Analysis by Method 8270E:

Due to sample matrix, samples 2207136-005 and -011 required dilution during preparation and/or analysis resulting in elevated reporting limits.

Revision:

The report for work order 2207136 has been revised to lower the report limit for sample 2207136-005 ("SB-03-5).

<b>Client:</b> Mill Creek Environmental, LLC	<b>Client Sample ID:</b> SB-01-10
<b>Project Name:</b> 36 Mize Rd, Toccoa, GA	<b>Collection Date:</b> 6/30/2022 9:40:00 AM
<b>Lab ID:</b> 2207136-001	<b>Matrix:</b> Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>TCL VOLATILE ORGANICS SW8260D</b>		<b>(SW5035)</b>						
1,1,1-Trichloroethane	BRL	9.7		ug/Kg-dry	339104	1	07/05/2022 18:46	RC
1,1,2,2-Tetrachloroethane	BRL	9.7		ug/Kg-dry	339104	1	07/05/2022 18:46	RC
1,1,2-Trichloroethane	BRL	9.7		ug/Kg-dry	339104	1	07/05/2022 18:46	RC
1,1-Dichloroethane	BRL	9.7		ug/Kg-dry	339104	1	07/05/2022 18:46	RC
1,1-Dichloroethene	BRL	9.7		ug/Kg-dry	339104	1	07/05/2022 18:46	RC
1,2,4-Trichlorobenzene	BRL	9.7		ug/Kg-dry	339104	1	07/05/2022 18:46	RC
1,2-Dibromo-3-chloropropane	BRL	9.7		ug/Kg-dry	339104	1	07/05/2022 18:46	RC
1,2-Dibromoethane	BRL	9.7		ug/Kg-dry	339104	1	07/05/2022 18:46	RC
1,2-Dichlorobenzene	BRL	9.7		ug/Kg-dry	339104	1	07/05/2022 18:46	RC
1,2-Dichloroethane	BRL	9.7		ug/Kg-dry	339104	1	07/05/2022 18:46	RC
1,2-Dichloropropane	BRL	9.7		ug/Kg-dry	339104	1	07/05/2022 18:46	RC
1,3-Dichlorobenzene	BRL	9.7		ug/Kg-dry	339104	1	07/05/2022 18:46	RC
1,4-Dichlorobenzene	BRL	9.7		ug/Kg-dry	339104	1	07/05/2022 18:46	RC
2-Butanone	BRL	97		ug/Kg-dry	339104	1	07/05/2022 18:46	RC
2-Hexanone	BRL	19		ug/Kg-dry	339104	1	07/05/2022 18:46	RC
4-Methyl-2-pentanone	BRL	19		ug/Kg-dry	339104	1	07/05/2022 18:46	RC
Acetone	BRL	190		ug/Kg-dry	339104	1	07/05/2022 18:46	RC
Benzene	BRL	9.7		ug/Kg-dry	339104	1	07/05/2022 18:46	RC
Bromodichloromethane	BRL	9.7		ug/Kg-dry	339104	1	07/05/2022 18:46	RC
Bromoform	BRL	9.7		ug/Kg-dry	339104	1	07/05/2022 18:46	RC
Bromomethane	BRL	9.7		ug/Kg-dry	339104	1	07/05/2022 18:46	RC
Carbon disulfide	BRL	19		ug/Kg-dry	339104	1	07/05/2022 18:46	RC
Carbon tetrachloride	BRL	9.7		ug/Kg-dry	339104	1	07/05/2022 18:46	RC
Chlorobenzene	BRL	9.7		ug/Kg-dry	339104	1	07/05/2022 18:46	RC
Chloroethane	BRL	19		ug/Kg-dry	339104	1	07/05/2022 18:46	RC
Chloroform	BRL	9.7		ug/Kg-dry	339104	1	07/05/2022 18:46	RC
Chloromethane	BRL	19		ug/Kg-dry	339104	1	07/05/2022 18:46	RC
cis-1,2-Dichloroethene	BRL	9.7		ug/Kg-dry	339104	1	07/05/2022 18:46	RC
cis-1,3-Dichloropropene	BRL	9.7		ug/Kg-dry	339104	1	07/05/2022 18:46	RC
Cyclohexane	BRL	9.7		ug/Kg-dry	339104	1	07/05/2022 18:46	RC
Dibromochloromethane	BRL	9.7		ug/Kg-dry	339104	1	07/05/2022 18:46	RC
Dichlorodifluoromethane	BRL	19		ug/Kg-dry	339104	1	07/05/2022 18:46	RC
Ethylbenzene	BRL	9.7		ug/Kg-dry	339104	1	07/05/2022 18:46	RC
Freon-113	BRL	19		ug/Kg-dry	339104	1	07/05/2022 18:46	RC
Isopropylbenzene	BRL	9.7		ug/Kg-dry	339104	1	07/05/2022 18:46	RC
m,p-Xylene	BRL	9.7		ug/Kg-dry	339104	1	07/05/2022 18:46	RC
Methyl acetate	BRL	9.7		ug/Kg-dry	339104	1	07/05/2022 18:46	RC
Methyl tert-butyl ether	BRL	9.7		ug/Kg-dry	339104	1	07/05/2022 18:46	RC
Methylcyclohexane	BRL	9.7		ug/Kg-dry	339104	1	07/05/2022 18:46	RC
Methylene chloride	BRL	39		ug/Kg-dry	339104	1	07/05/2022 18:46	RC
o-Xylene	BRL	9.7		ug/Kg-dry	339104	1	07/05/2022 18:46	RC
Styrene	BRL	9.7		ug/Kg-dry	339104	1	07/05/2022 18:46	RC
Tetrachloroethene	BRL	9.7		ug/Kg-dry	339104	1	07/05/2022 18:46	RC
Toluene	BRL	9.7		ug/Kg-dry	339104	1	07/05/2022 18:46	RC
trans-1,2-Dichloroethene	BRL	9.7		ug/Kg-dry	339104	1	07/05/2022 18:46	RC

**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
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

<b>Client:</b> Mill Creek Environmental, LLC	<b>Client Sample ID:</b> SB-01-10
<b>Project Name:</b> 36 Mize Rd, Toccoa, GA	<b>Collection Date:</b> 6/30/2022 9:40:00 AM
<b>Lab ID:</b> 2207136-001	<b>Matrix:</b> Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>TCL VOLATILE ORGANICS SW8260D</b>		<b>(SW5035)</b>						
trans-1,3-Dichloropropene	BRL	9.7		ug/Kg-dry	339104	1	07/05/2022 18:46	RC
Trichloroethene	BRL	9.7		ug/Kg-dry	339104	1	07/05/2022 18:46	RC
Trichlorofluoromethane	BRL	9.7		ug/Kg-dry	339104	1	07/05/2022 18:46	RC
Vinyl chloride	BRL	19		ug/Kg-dry	339104	1	07/05/2022 18:46	RC
Surr: 4-Bromofluorobenzene	63.1	63-123		%REC	339104	1	07/05/2022 18:46	RC
Surr: Dibromofluoromethane	101	72-132		%REC	339104	1	07/05/2022 18:46	RC
Surr: Toluene-d8	89	70-128		%REC	339104	1	07/05/2022 18:46	RC
<b>POLYAROMATIC HYDROCARBONS SW8270E</b>		<b>(SW3546)</b>						
Naphthalene	BRL	420		ug/Kg-dry	339100	1	07/06/2022 20:50	DS
Acenaphthylene	BRL	420		ug/Kg-dry	339100	1	07/06/2022 20:50	DS
1-Methylnaphthalene	BRL	420		ug/Kg-dry	339100	1	07/06/2022 20:50	DS
2-Methylnaphthalene	BRL	420		ug/Kg-dry	339100	1	07/06/2022 20:50	DS
Acenaphthene	BRL	420		ug/Kg-dry	339100	1	07/06/2022 20:50	DS
Fluorene	BRL	420		ug/Kg-dry	339100	1	07/06/2022 20:50	DS
Phenanthrene	2400	420		ug/Kg-dry	339100	1	07/06/2022 20:50	DS
Anthracene	BRL	420		ug/Kg-dry	339100	1	07/06/2022 20:50	DS
Fluoranthene	3700	420		ug/Kg-dry	339100	1	07/06/2022 20:50	DS
Pyrene	3300	420		ug/Kg-dry	339100	1	07/06/2022 20:50	DS
Benz(a)anthracene	1400	420		ug/Kg-dry	339100	1	07/06/2022 20:50	DS
Chrysene	1600	420		ug/Kg-dry	339100	1	07/06/2022 20:50	DS
Benzo(b)fluoranthene	2400	420		ug/Kg-dry	339100	1	07/06/2022 20:50	DS
Benzo(k)fluoranthene	900	420		ug/Kg-dry	339100	1	07/06/2022 20:50	DS
Benzo(a)pyrene	1500	420		ug/Kg-dry	339100	1	07/06/2022 20:50	DS
Dibenz(a,h)anthracene	BRL	420		ug/Kg-dry	339100	1	07/06/2022 20:50	DS
Benzo(g,h,i)perylene	620	420		ug/Kg-dry	339100	1	07/06/2022 20:50	DS
Indeno(1,2,3-cd)pyrene	550	420		ug/Kg-dry	339100	1	07/06/2022 20:50	DS
Surr: 2-Fluorobiphenyl	45.2	55.1-120	S	%REC	339100	1	07/06/2022 20:50	DS
Surr: 4-Terphenyl-d14	48	58.3-128	S	%REC	339100	1	07/06/2022 20:50	DS
Surr: Nitrobenzene-d5	53.4	49.1-120		%REC	339100	1	07/06/2022 20:50	DS
<b>PERCENT MOISTURE D2216</b>								
Percent Moisture	22.1	0		wt%	R490253	1	07/03/2022 00:00	JW

<b>Qualifiers:</b>	* Value exceeds maximum contaminant level	E Estimated (value above quantitation range)
	BRL Below reporting limit	S Spike Recovery outside limits due to matrix
	H Holding times for preparation or analysis exceeded	Narr See case narrative
	N Analyte not NELAC certified	F Analyzed in the lab which is a deviation from the method
	B Analyte detected in the associated method blank	< Less than Result value
	> Greater than Result value	J Estimated value detected below Reporting Limit

<b>Client:</b> Mill Creek Environmental, LLC	<b>Client Sample ID:</b> SB-01-28
<b>Project Name:</b> 36 Mize Rd, Toccoa, GA	<b>Collection Date:</b> 6/30/2022 9:50:00 AM
<b>Lab ID:</b> 2207136-002	<b>Matrix:</b> Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>TCL VOLATILE ORGANICS SW8260D</b>		<b>(SW5035)</b>						
1,1,1-Trichloroethane	BRL	4.2		ug/Kg-dry	339104	1	07/05/2022 19:11	RC
1,1,2,2-Tetrachloroethane	BRL	4.2		ug/Kg-dry	339104	1	07/05/2022 19:11	RC
1,1,2-Trichloroethane	BRL	4.2		ug/Kg-dry	339104	1	07/05/2022 19:11	RC
1,1-Dichloroethane	BRL	4.2		ug/Kg-dry	339104	1	07/05/2022 19:11	RC
1,1-Dichloroethene	BRL	4.2		ug/Kg-dry	339104	1	07/05/2022 19:11	RC
1,2,4-Trichlorobenzene	BRL	4.2		ug/Kg-dry	339104	1	07/05/2022 19:11	RC
1,2-Dibromo-3-chloropropane	BRL	4.2		ug/Kg-dry	339104	1	07/05/2022 19:11	RC
1,2-Dibromoethane	BRL	4.2		ug/Kg-dry	339104	1	07/05/2022 19:11	RC
1,2-Dichlorobenzene	BRL	4.2		ug/Kg-dry	339104	1	07/05/2022 19:11	RC
1,2-Dichloroethane	BRL	4.2		ug/Kg-dry	339104	1	07/05/2022 19:11	RC
1,2-Dichloropropane	BRL	4.2		ug/Kg-dry	339104	1	07/05/2022 19:11	RC
1,3-Dichlorobenzene	BRL	4.2		ug/Kg-dry	339104	1	07/05/2022 19:11	RC
1,4-Dichlorobenzene	BRL	4.2		ug/Kg-dry	339104	1	07/05/2022 19:11	RC
2-Butanone	BRL	42		ug/Kg-dry	339104	1	07/05/2022 19:11	RC
2-Hexanone	BRL	8.5		ug/Kg-dry	339104	1	07/05/2022 19:11	RC
4-Methyl-2-pentanone	BRL	8.5		ug/Kg-dry	339104	1	07/05/2022 19:11	RC
Acetone	BRL	85		ug/Kg-dry	339104	1	07/05/2022 19:11	RC
Benzene	BRL	4.2		ug/Kg-dry	339104	1	07/05/2022 19:11	RC
Bromodichloromethane	BRL	4.2		ug/Kg-dry	339104	1	07/05/2022 19:11	RC
Bromoform	BRL	4.2		ug/Kg-dry	339104	1	07/05/2022 19:11	RC
Bromomethane	BRL	4.2		ug/Kg-dry	339104	1	07/05/2022 19:11	RC
Carbon disulfide	BRL	8.5		ug/Kg-dry	339104	1	07/05/2022 19:11	RC
Carbon tetrachloride	BRL	4.2		ug/Kg-dry	339104	1	07/05/2022 19:11	RC
Chlorobenzene	BRL	4.2		ug/Kg-dry	339104	1	07/05/2022 19:11	RC
Chloroethane	BRL	8.5		ug/Kg-dry	339104	1	07/05/2022 19:11	RC
Chloroform	BRL	4.2		ug/Kg-dry	339104	1	07/05/2022 19:11	RC
Chloromethane	BRL	8.5		ug/Kg-dry	339104	1	07/05/2022 19:11	RC
cis-1,2-Dichloroethene	BRL	4.2		ug/Kg-dry	339104	1	07/05/2022 19:11	RC
cis-1,3-Dichloropropene	BRL	4.2		ug/Kg-dry	339104	1	07/05/2022 19:11	RC
Cyclohexane	BRL	4.2		ug/Kg-dry	339104	1	07/05/2022 19:11	RC
Dibromochloromethane	BRL	4.2		ug/Kg-dry	339104	1	07/05/2022 19:11	RC
Dichlorodifluoromethane	BRL	8.5		ug/Kg-dry	339104	1	07/05/2022 19:11	RC
Ethylbenzene	BRL	4.2		ug/Kg-dry	339104	1	07/05/2022 19:11	RC
Freon-113	BRL	8.5		ug/Kg-dry	339104	1	07/05/2022 19:11	RC
Isopropylbenzene	BRL	4.2		ug/Kg-dry	339104	1	07/05/2022 19:11	RC
m,p-Xylene	BRL	4.2		ug/Kg-dry	339104	1	07/05/2022 19:11	RC
Methyl acetate	BRL	4.2		ug/Kg-dry	339104	1	07/05/2022 19:11	RC
Methyl tert-butyl ether	BRL	4.2		ug/Kg-dry	339104	1	07/05/2022 19:11	RC
Methylcyclohexane	BRL	4.2		ug/Kg-dry	339104	1	07/05/2022 19:11	RC
Methylene chloride	BRL	17		ug/Kg-dry	339104	1	07/05/2022 19:11	RC
o-Xylene	BRL	4.2		ug/Kg-dry	339104	1	07/05/2022 19:11	RC
Styrene	BRL	4.2		ug/Kg-dry	339104	1	07/05/2022 19:11	RC
Tetrachloroethene	BRL	4.2		ug/Kg-dry	339104	1	07/05/2022 19:11	RC
Toluene	BRL	4.2		ug/Kg-dry	339104	1	07/05/2022 19:11	RC
trans-1,2-Dichloroethene	BRL	4.2		ug/Kg-dry	339104	1	07/05/2022 19:11	RC

<b>Qualifiers:</b>	* Value exceeds maximum contaminant level	E Estimated (value above quantitation range)
	BRL Below reporting limit	S Spike Recovery outside limits due to matrix
	H Holding times for preparation or analysis exceeded	Narr See case narrative
	N Analyte not NELAC certified	F Analyzed in the lab which is a deviation from the method
	B Analyte detected in the associated method blank	< Less than Result value
	> Greater than Result value	J Estimated value detected below Reporting Limit

<b>Client:</b> Mill Creek Environmental, LLC	<b>Client Sample ID:</b> SB-01-28
<b>Project Name:</b> 36 Mize Rd, Toccoa, GA	<b>Collection Date:</b> 6/30/2022 9:50:00 AM
<b>Lab ID:</b> 2207136-002	<b>Matrix:</b> Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>TCL VOLATILE ORGANICS SW8260D</b>		<b>(SW5035)</b>						
trans-1,3-Dichloropropene	BRL	4.2		ug/Kg-dry	339104	1	07/05/2022 19:11	RC
Trichloroethene	BRL	4.2		ug/Kg-dry	339104	1	07/05/2022 19:11	RC
Trichlorofluoromethane	BRL	4.2		ug/Kg-dry	339104	1	07/05/2022 19:11	RC
Vinyl chloride	BRL	8.5		ug/Kg-dry	339104	1	07/05/2022 19:11	RC
Surr: 4-Bromofluorobenzene	81	63-123		%REC	339104	1	07/05/2022 19:11	RC
Surr: Dibromofluoromethane	101	72-132		%REC	339104	1	07/05/2022 19:11	RC
Surr: Toluene-d8	97.8	70-128		%REC	339104	1	07/05/2022 19:11	RC
<b>POLYAROMATIC HYDROCARBONS SW8270E</b>		<b>(SW3546)</b>						
Naphthalene	BRL	370		ug/Kg-dry	339100	1	07/06/2022 14:42	DS
Acenaphthylene	BRL	370		ug/Kg-dry	339100	1	07/06/2022 14:42	DS
1-Methylnaphthalene	BRL	370		ug/Kg-dry	339100	1	07/06/2022 14:42	DS
2-Methylnaphthalene	BRL	370		ug/Kg-dry	339100	1	07/06/2022 14:42	DS
Acenaphthene	BRL	370		ug/Kg-dry	339100	1	07/06/2022 14:42	DS
Fluorene	BRL	370		ug/Kg-dry	339100	1	07/06/2022 14:42	DS
Phenanthrene	BRL	370		ug/Kg-dry	339100	1	07/06/2022 14:42	DS
Anthracene	BRL	370		ug/Kg-dry	339100	1	07/06/2022 14:42	DS
Fluoranthene	BRL	370		ug/Kg-dry	339100	1	07/06/2022 14:42	DS
Pyrene	BRL	370		ug/Kg-dry	339100	1	07/06/2022 14:42	DS
Benz(a)anthracene	BRL	370		ug/Kg-dry	339100	1	07/06/2022 14:42	DS
Chrysene	BRL	370		ug/Kg-dry	339100	1	07/06/2022 14:42	DS
Benzo(b)fluoranthene	BRL	370		ug/Kg-dry	339100	1	07/06/2022 14:42	DS
Benzo(k)fluoranthene	BRL	370		ug/Kg-dry	339100	1	07/06/2022 14:42	DS
Benzo(a)pyrene	BRL	370		ug/Kg-dry	339100	1	07/06/2022 14:42	DS
Dibenz(a,h)anthracene	BRL	370		ug/Kg-dry	339100	1	07/06/2022 14:42	DS
Benzo(g,h,i)perylene	BRL	370		ug/Kg-dry	339100	1	07/06/2022 14:42	DS
Indeno(1,2,3-cd)pyrene	BRL	370		ug/Kg-dry	339100	1	07/06/2022 14:42	DS
Surr: 2-Fluorobiphenyl	108	55.1-120		%REC	339100	1	07/06/2022 14:42	DS
Surr: 4-Terphenyl-d14	118	58.3-128		%REC	339100	1	07/06/2022 14:42	DS
Surr: Nitrobenzene-d5	109	49.1-120		%REC	339100	1	07/06/2022 14:42	DS
<b>PERCENT MOISTURE D2216</b>								
Percent Moisture	10.4	0		wt%	R490253	1	07/03/2022 00:00	JW

<b>Qualifiers:</b>	* Value exceeds maximum contaminant level	E Estimated (value above quantitation range)
	BRL Below reporting limit	S Spike Recovery outside limits due to matrix
	H Holding times for preparation or analysis exceeded	Narr See case narrative
	N Analyte not NELAC certified	F Analyzed in the lab which is a deviation from the method
	B Analyte detected in the associated method blank	< Less than Result value
	> Greater than Result value	J Estimated value detected below Reporting Limit

**Client:** Mill Creek Environmental, LLC  
**Project Name:** 36 Mize Rd, Toccoa, GA  
**Lab ID:** 2207136-003

**Client Sample ID:** SB-02-15  
**Collection Date:** 6/30/2022 10:30:00 AM  
**Matrix:** Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>TCL VOLATILE ORGANICS SW8260D</b>		<b>(SW5035)</b>						
1,1,1-Trichloroethane	BRL	4.5		ug/Kg-dry	339185	1	07/06/2022 13:49	RC
1,1,2,2-Tetrachloroethane	BRL	4.5		ug/Kg-dry	339185	1	07/06/2022 13:49	RC
1,1,2-Trichloroethane	BRL	4.5		ug/Kg-dry	339185	1	07/06/2022 13:49	RC
1,1-Dichloroethane	BRL	4.5		ug/Kg-dry	339185	1	07/06/2022 13:49	RC
1,1-Dichloroethene	BRL	4.5		ug/Kg-dry	339185	1	07/06/2022 13:49	RC
1,2,4-Trichlorobenzene	BRL	4.5		ug/Kg-dry	339185	1	07/06/2022 13:49	RC
1,2-Dibromo-3-chloropropane	BRL	4.5		ug/Kg-dry	339185	1	07/06/2022 13:49	RC
1,2-Dibromoethane	BRL	4.5		ug/Kg-dry	339185	1	07/06/2022 13:49	RC
1,2-Dichlorobenzene	BRL	4.5		ug/Kg-dry	339185	1	07/06/2022 13:49	RC
1,2-Dichloroethane	BRL	4.5		ug/Kg-dry	339185	1	07/06/2022 13:49	RC
1,2-Dichloropropane	BRL	4.5		ug/Kg-dry	339185	1	07/06/2022 13:49	RC
1,3-Dichlorobenzene	BRL	4.5		ug/Kg-dry	339185	1	07/06/2022 13:49	RC
1,4-Dichlorobenzene	BRL	4.5		ug/Kg-dry	339185	1	07/06/2022 13:49	RC
2-Butanone	BRL	45		ug/Kg-dry	339185	1	07/06/2022 13:49	RC
2-Hexanone	BRL	8.9		ug/Kg-dry	339185	1	07/06/2022 13:49	RC
4-Methyl-2-pentanone	BRL	8.9		ug/Kg-dry	339185	1	07/06/2022 13:49	RC
Acetone	BRL	89		ug/Kg-dry	339185	1	07/06/2022 13:49	RC
Benzene	BRL	4.5		ug/Kg-dry	339185	1	07/06/2022 13:49	RC
Bromodichloromethane	BRL	4.5		ug/Kg-dry	339185	1	07/06/2022 13:49	RC
Bromoform	BRL	4.5		ug/Kg-dry	339185	1	07/06/2022 13:49	RC
Bromomethane	BRL	4.5		ug/Kg-dry	339185	1	07/06/2022 13:49	RC
Carbon disulfide	BRL	8.9		ug/Kg-dry	339185	1	07/06/2022 13:49	RC
Carbon tetrachloride	BRL	4.5		ug/Kg-dry	339185	1	07/06/2022 13:49	RC
Chlorobenzene	BRL	4.5		ug/Kg-dry	339185	1	07/06/2022 13:49	RC
Chloroethane	BRL	8.9		ug/Kg-dry	339185	1	07/06/2022 13:49	RC
Chloroform	BRL	4.5		ug/Kg-dry	339185	1	07/06/2022 13:49	RC
Chloromethane	BRL	8.9		ug/Kg-dry	339185	1	07/06/2022 13:49	RC
cis-1,2-Dichloroethene	BRL	4.5		ug/Kg-dry	339185	1	07/06/2022 13:49	RC
cis-1,3-Dichloropropene	BRL	4.5		ug/Kg-dry	339185	1	07/06/2022 13:49	RC
Cyclohexane	BRL	4.5		ug/Kg-dry	339185	1	07/06/2022 13:49	RC
Dibromochloromethane	BRL	4.5		ug/Kg-dry	339185	1	07/06/2022 13:49	RC
Dichlorodifluoromethane	BRL	8.9		ug/Kg-dry	339185	1	07/06/2022 13:49	RC
Ethylbenzene	BRL	4.5		ug/Kg-dry	339185	1	07/06/2022 13:49	RC
Freon-113	BRL	8.9		ug/Kg-dry	339185	1	07/06/2022 13:49	RC
Isopropylbenzene	BRL	4.5		ug/Kg-dry	339185	1	07/06/2022 13:49	RC
m,p-Xylene	BRL	4.5		ug/Kg-dry	339185	1	07/06/2022 13:49	RC
Methyl acetate	BRL	4.5		ug/Kg-dry	339185	1	07/06/2022 13:49	RC
Methyl tert-butyl ether	BRL	4.5		ug/Kg-dry	339185	1	07/06/2022 13:49	RC
Methylcyclohexane	BRL	4.5		ug/Kg-dry	339185	1	07/06/2022 13:49	RC
Methylene chloride	BRL	18		ug/Kg-dry	339185	1	07/06/2022 13:49	RC
o-Xylene	BRL	4.5		ug/Kg-dry	339185	1	07/06/2022 13:49	RC
Styrene	BRL	4.5		ug/Kg-dry	339185	1	07/06/2022 13:49	RC
Tetrachloroethene	BRL	4.5		ug/Kg-dry	339185	1	07/06/2022 13:49	RC
Toluene	BRL	4.5		ug/Kg-dry	339185	1	07/06/2022 13:49	RC
trans-1,2-Dichloroethene	BRL	4.5		ug/Kg-dry	339185	1	07/06/2022 13:49	RC

**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
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

<b>Client:</b> Mill Creek Environmental, LLC	<b>Client Sample ID:</b> SB-02-15
<b>Project Name:</b> 36 Mize Rd, Toccoa, GA	<b>Collection Date:</b> 6/30/2022 10:30:00 AM
<b>Lab ID:</b> 2207136-003	<b>Matrix:</b> Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>TCL VOLATILE ORGANICS SW8260D</b>		<b>(SW5035)</b>						
trans-1,3-Dichloropropene	BRL	4.5		ug/Kg-dry	339185	1	07/06/2022 13:49	RC
Trichloroethene	BRL	4.5		ug/Kg-dry	339185	1	07/06/2022 13:49	RC
Trichlorofluoromethane	BRL	4.5		ug/Kg-dry	339185	1	07/06/2022 13:49	RC
Vinyl chloride	BRL	8.9		ug/Kg-dry	339185	1	07/06/2022 13:49	RC
Surr: 4-Bromofluorobenzene	102	63-123		%REC	339185	1	07/06/2022 13:49	RC
Surr: Dibromofluoromethane	94.5	72-132		%REC	339185	1	07/06/2022 13:49	RC
Surr: Toluene-d8	98	70-128		%REC	339185	1	07/06/2022 13:49	RC
<b>POLYAROMATIC HYDROCARBONS SW8270E</b>		<b>(SW3546)</b>						
Naphthalene	BRL	400		ug/Kg-dry	339100	1	07/06/2022 15:07	DS
Acenaphthylene	BRL	400		ug/Kg-dry	339100	1	07/06/2022 15:07	DS
1-Methylnaphthalene	BRL	400		ug/Kg-dry	339100	1	07/06/2022 15:07	DS
2-Methylnaphthalene	BRL	400		ug/Kg-dry	339100	1	07/06/2022 15:07	DS
Acenaphthene	BRL	400		ug/Kg-dry	339100	1	07/06/2022 15:07	DS
Fluorene	BRL	400		ug/Kg-dry	339100	1	07/06/2022 15:07	DS
Phenanthrene	BRL	400		ug/Kg-dry	339100	1	07/06/2022 15:07	DS
Anthracene	BRL	400		ug/Kg-dry	339100	1	07/06/2022 15:07	DS
Fluoranthene	BRL	400		ug/Kg-dry	339100	1	07/06/2022 15:07	DS
Pyrene	BRL	400		ug/Kg-dry	339100	1	07/06/2022 15:07	DS
Benz(a)anthracene	BRL	400		ug/Kg-dry	339100	1	07/06/2022 15:07	DS
Chrysene	BRL	400		ug/Kg-dry	339100	1	07/06/2022 15:07	DS
Benzo(b)fluoranthene	BRL	400		ug/Kg-dry	339100	1	07/06/2022 15:07	DS
Benzo(k)fluoranthene	BRL	400		ug/Kg-dry	339100	1	07/06/2022 15:07	DS
Benzo(a)pyrene	BRL	400		ug/Kg-dry	339100	1	07/06/2022 15:07	DS
Dibenz(a,h)anthracene	BRL	400		ug/Kg-dry	339100	1	07/06/2022 15:07	DS
Benzo(g,h,i)perylene	BRL	400		ug/Kg-dry	339100	1	07/06/2022 15:07	DS
Indeno(1,2,3-cd)pyrene	BRL	400		ug/Kg-dry	339100	1	07/06/2022 15:07	DS
Surr: 2-Fluorobiphenyl	89.1	55.1-120		%REC	339100	1	07/06/2022 15:07	DS
Surr: 4-Terphenyl-d14	105	58.3-128		%REC	339100	1	07/06/2022 15:07	DS
Surr: Nitrobenzene-d5	96.3	49.1-120		%REC	339100	1	07/06/2022 15:07	DS
<b>PERCENT MOISTURE D2216</b>								
Percent Moisture	17.6	0		wt%	R490253	1	07/03/2022 00:00	JW

<b>Qualifiers:</b>	* Value exceeds maximum contaminant level	E Estimated (value above quantitation range)
	BRL Below reporting limit	S Spike Recovery outside limits due to matrix
	H Holding times for preparation or analysis exceeded	Narr See case narrative
	N Analyte not NELAC certified	F Analyzed in the lab which is a deviation from the method
	B Analyte detected in the associated method blank	< Less than Result value
	> Greater than Result value	J Estimated value detected below Reporting Limit

<b>Client:</b> Mill Creek Environmental, LLC	<b>Client Sample ID:</b> SB-02-26
<b>Project Name:</b> 36 Mize Rd, Toccoa, GA	<b>Collection Date:</b> 6/30/2022 10:40:00 AM
<b>Lab ID:</b> 2207136-004	<b>Matrix:</b> Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>TCL VOLATILE ORGANICS SW8260D</b>		<b>(SW5035)</b>						
1,1,1-Trichloroethane	BRL	4.5		ug/Kg-dry	339185	1	07/06/2022 17:07	RC
1,1,2,2-Tetrachloroethane	BRL	4.5		ug/Kg-dry	339185	1	07/06/2022 17:07	RC
1,1,2-Trichloroethane	BRL	4.5		ug/Kg-dry	339185	1	07/06/2022 17:07	RC
1,1-Dichloroethane	BRL	4.5		ug/Kg-dry	339185	1	07/06/2022 17:07	RC
1,1-Dichloroethene	BRL	4.5		ug/Kg-dry	339185	1	07/06/2022 17:07	RC
1,2,4-Trichlorobenzene	BRL	4.5		ug/Kg-dry	339185	1	07/06/2022 17:07	RC
1,2-Dibromo-3-chloropropane	BRL	4.5		ug/Kg-dry	339185	1	07/06/2022 17:07	RC
1,2-Dibromoethane	BRL	4.5		ug/Kg-dry	339185	1	07/06/2022 17:07	RC
1,2-Dichlorobenzene	BRL	4.5		ug/Kg-dry	339185	1	07/06/2022 17:07	RC
1,2-Dichloroethane	BRL	4.5		ug/Kg-dry	339185	1	07/06/2022 17:07	RC
1,2-Dichloropropane	BRL	4.5		ug/Kg-dry	339185	1	07/06/2022 17:07	RC
1,3-Dichlorobenzene	BRL	4.5		ug/Kg-dry	339185	1	07/06/2022 17:07	RC
1,4-Dichlorobenzene	BRL	4.5		ug/Kg-dry	339185	1	07/06/2022 17:07	RC
2-Butanone	BRL	45		ug/Kg-dry	339185	1	07/06/2022 17:07	RC
2-Hexanone	BRL	8.9		ug/Kg-dry	339185	1	07/06/2022 17:07	RC
4-Methyl-2-pentanone	BRL	8.9		ug/Kg-dry	339185	1	07/06/2022 17:07	RC
Acetone	BRL	89		ug/Kg-dry	339185	1	07/06/2022 17:07	RC
Benzene	BRL	4.5		ug/Kg-dry	339185	1	07/06/2022 17:07	RC
Bromodichloromethane	BRL	4.5		ug/Kg-dry	339185	1	07/06/2022 17:07	RC
Bromoform	BRL	4.5		ug/Kg-dry	339185	1	07/06/2022 17:07	RC
Bromomethane	BRL	4.5		ug/Kg-dry	339185	1	07/06/2022 17:07	RC
Carbon disulfide	BRL	8.9		ug/Kg-dry	339185	1	07/06/2022 17:07	RC
Carbon tetrachloride	BRL	4.5		ug/Kg-dry	339185	1	07/06/2022 17:07	RC
Chlorobenzene	BRL	4.5		ug/Kg-dry	339185	1	07/06/2022 17:07	RC
Chloroethane	BRL	8.9		ug/Kg-dry	339185	1	07/06/2022 17:07	RC
Chloroform	BRL	4.5		ug/Kg-dry	339185	1	07/06/2022 17:07	RC
Chloromethane	BRL	8.9		ug/Kg-dry	339185	1	07/06/2022 17:07	RC
cis-1,2-Dichloroethene	BRL	4.5		ug/Kg-dry	339185	1	07/06/2022 17:07	RC
cis-1,3-Dichloropropene	BRL	4.5		ug/Kg-dry	339185	1	07/06/2022 17:07	RC
Cyclohexane	BRL	4.5		ug/Kg-dry	339185	1	07/06/2022 17:07	RC
Dibromochloromethane	BRL	4.5		ug/Kg-dry	339185	1	07/06/2022 17:07	RC
Dichlorodifluoromethane	BRL	8.9		ug/Kg-dry	339185	1	07/06/2022 17:07	RC
Ethylbenzene	BRL	4.5		ug/Kg-dry	339185	1	07/06/2022 17:07	RC
Freon-113	BRL	8.9		ug/Kg-dry	339185	1	07/06/2022 17:07	RC
Isopropylbenzene	BRL	4.5		ug/Kg-dry	339185	1	07/06/2022 17:07	RC
m,p-Xylene	BRL	4.5		ug/Kg-dry	339185	1	07/06/2022 17:07	RC
Methyl acetate	BRL	4.5		ug/Kg-dry	339185	1	07/06/2022 17:07	RC
Methyl tert-butyl ether	BRL	4.5		ug/Kg-dry	339185	1	07/06/2022 17:07	RC
Methylcyclohexane	BRL	4.5		ug/Kg-dry	339185	1	07/06/2022 17:07	RC
Methylene chloride	BRL	18		ug/Kg-dry	339185	1	07/06/2022 17:07	RC
o-Xylene	BRL	4.5		ug/Kg-dry	339185	1	07/06/2022 17:07	RC
Styrene	BRL	4.5		ug/Kg-dry	339185	1	07/06/2022 17:07	RC
Tetrachloroethene	BRL	4.5		ug/Kg-dry	339185	1	07/06/2022 17:07	RC
Toluene	BRL	4.5		ug/Kg-dry	339185	1	07/06/2022 17:07	RC
trans-1,2-Dichloroethene	BRL	4.5		ug/Kg-dry	339185	1	07/06/2022 17:07	RC

**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
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

<b>Client:</b> Mill Creek Environmental, LLC	<b>Client Sample ID:</b> SB-02-26
<b>Project Name:</b> 36 Mize Rd, Toccoa, GA	<b>Collection Date:</b> 6/30/2022 10:40:00 AM
<b>Lab ID:</b> 2207136-004	<b>Matrix:</b> Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>TCL VOLATILE ORGANICS SW8260D</b>		<b>(SW5035)</b>						
trans-1,3-Dichloropropene	BRL	4.5		ug/Kg-dry	339185	1	07/06/2022 17:07	RC
Trichloroethene	BRL	4.5		ug/Kg-dry	339185	1	07/06/2022 17:07	RC
Trichlorofluoromethane	BRL	4.5		ug/Kg-dry	339185	1	07/06/2022 17:07	RC
Vinyl chloride	BRL	8.9		ug/Kg-dry	339185	1	07/06/2022 17:07	RC
Surr: 4-Bromofluorobenzene	101	63-123		%REC	339185	1	07/06/2022 17:07	RC
Surr: Dibromofluoromethane	95.6	72-132		%REC	339185	1	07/06/2022 17:07	RC
Surr: Toluene-d8	98.6	70-128		%REC	339185	1	07/06/2022 17:07	RC
<b>POLYAROMATIC HYDROCARBONS SW8270E</b>		<b>(SW3546)</b>						
Naphthalene	BRL	380		ug/Kg-dry	339100	1	07/06/2022 11:02	DS
Acenaphthylene	BRL	380		ug/Kg-dry	339100	1	07/06/2022 11:02	DS
1-Methylnaphthalene	BRL	380		ug/Kg-dry	339100	1	07/06/2022 11:02	DS
2-Methylnaphthalene	BRL	380		ug/Kg-dry	339100	1	07/06/2022 11:02	DS
Acenaphthene	BRL	380		ug/Kg-dry	339100	1	07/06/2022 11:02	DS
Fluorene	BRL	380		ug/Kg-dry	339100	1	07/06/2022 11:02	DS
Phenanthrene	BRL	380		ug/Kg-dry	339100	1	07/06/2022 11:02	DS
Anthracene	BRL	380		ug/Kg-dry	339100	1	07/06/2022 11:02	DS
Fluoranthene	BRL	380		ug/Kg-dry	339100	1	07/06/2022 11:02	DS
Pyrene	BRL	380		ug/Kg-dry	339100	1	07/06/2022 11:02	DS
Benz(a)anthracene	BRL	380		ug/Kg-dry	339100	1	07/06/2022 11:02	DS
Chrysene	BRL	380		ug/Kg-dry	339100	1	07/06/2022 11:02	DS
Benzo(b)fluoranthene	BRL	380		ug/Kg-dry	339100	1	07/06/2022 11:02	DS
Benzo(k)fluoranthene	BRL	380		ug/Kg-dry	339100	1	07/06/2022 11:02	DS
Benzo(a)pyrene	BRL	380		ug/Kg-dry	339100	1	07/06/2022 11:02	DS
Dibenz(a,h)anthracene	BRL	380		ug/Kg-dry	339100	1	07/06/2022 11:02	DS
Benzo(g,h,i)perylene	BRL	380		ug/Kg-dry	339100	1	07/06/2022 11:02	DS
Indeno(1,2,3-cd)pyrene	BRL	380		ug/Kg-dry	339100	1	07/06/2022 11:02	DS
Surr: 2-Fluorobiphenyl	77.2	55.1-120		%REC	339100	1	07/06/2022 11:02	DS
Surr: 4-Terphenyl-d14	93.1	58.3-128		%REC	339100	1	07/06/2022 11:02	DS
Surr: Nitrobenzene-d5	86.1	49.1-120		%REC	339100	1	07/06/2022 11:02	DS
<b>PERCENT MOISTURE D2216</b>								
Percent Moisture	13.9	0		wt%	R490253	1	07/03/2022 00:00	JW

<b>Qualifiers:</b>	* Value exceeds maximum contaminant level	E Estimated (value above quantitation range)
	BRL Below reporting limit	S Spike Recovery outside limits due to matrix
	H Holding times for preparation or analysis exceeded	Narr See case narrative
	N Analyte not NELAC certified	F Analyzed in the lab which is a deviation from the method
	B Analyte detected in the associated method blank	< Less than Result value
	> Greater than Result value	J Estimated value detected below Reporting Limit

**Client:** Mill Creek Environmental, LLC  
**Project Name:** 36 Mize Rd, Toccoa, GA  
**Lab ID:** 2207136-005

**Client Sample ID:** SB-03-5  
**Collection Date:** 6/30/2022 11:20:00 AM  
**Matrix:** Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>TCL VOLATILE ORGANICS SW8260D</b>		<b>(SW5035)</b>						
1,1,1-Trichloroethane	BRL	4.1		ug/Kg-dry	339185	1	07/08/2022 15:36	RC
1,1,2,2-Tetrachloroethane	BRL	4.1		ug/Kg-dry	339185	1	07/08/2022 15:36	RC
1,1,2-Trichloroethane	BRL	4.1		ug/Kg-dry	339185	1	07/08/2022 15:36	RC
1,1-Dichloroethane	BRL	4.1		ug/Kg-dry	339185	1	07/08/2022 15:36	RC
1,1-Dichloroethene	BRL	4.1		ug/Kg-dry	339185	1	07/08/2022 15:36	RC
1,2,4-Trichlorobenzene	BRL	4.1		ug/Kg-dry	339185	1	07/08/2022 15:36	RC
1,2-Dibromo-3-chloropropane	BRL	4.1		ug/Kg-dry	339185	1	07/08/2022 15:36	RC
1,2-Dibromoethane	BRL	4.1		ug/Kg-dry	339185	1	07/08/2022 15:36	RC
1,2-Dichlorobenzene	BRL	4.1		ug/Kg-dry	339185	1	07/08/2022 15:36	RC
1,2-Dichloroethane	BRL	4.1		ug/Kg-dry	339185	1	07/08/2022 15:36	RC
1,2-Dichloropropane	BRL	4.1		ug/Kg-dry	339185	1	07/08/2022 15:36	RC
1,3-Dichlorobenzene	BRL	4.1		ug/Kg-dry	339185	1	07/08/2022 15:36	RC
1,4-Dichlorobenzene	BRL	4.1		ug/Kg-dry	339185	1	07/08/2022 15:36	RC
2-Butanone	BRL	41		ug/Kg-dry	339185	1	07/08/2022 15:36	RC
2-Hexanone	BRL	8.1		ug/Kg-dry	339185	1	07/08/2022 15:36	RC
4-Methyl-2-pentanone	BRL	8.1		ug/Kg-dry	339185	1	07/08/2022 15:36	RC
Acetone	BRL	81		ug/Kg-dry	339185	1	07/08/2022 15:36	RC
Benzene	BRL	4.1		ug/Kg-dry	339185	1	07/08/2022 15:36	RC
Bromodichloromethane	BRL	4.1		ug/Kg-dry	339185	1	07/08/2022 15:36	RC
Bromoform	BRL	4.1		ug/Kg-dry	339185	1	07/08/2022 15:36	RC
Bromomethane	BRL	4.1		ug/Kg-dry	339185	1	07/08/2022 15:36	RC
Carbon disulfide	BRL	8.1		ug/Kg-dry	339185	1	07/08/2022 15:36	RC
Carbon tetrachloride	BRL	4.1		ug/Kg-dry	339185	1	07/08/2022 15:36	RC
Chlorobenzene	BRL	4.1		ug/Kg-dry	339185	1	07/08/2022 15:36	RC
Chloroethane	BRL	8.1		ug/Kg-dry	339185	1	07/08/2022 15:36	RC
Chloroform	BRL	4.1		ug/Kg-dry	339185	1	07/08/2022 15:36	RC
Chloromethane	BRL	8.1		ug/Kg-dry	339185	1	07/08/2022 15:36	RC
cis-1,2-Dichloroethene	BRL	4.1		ug/Kg-dry	339185	1	07/08/2022 15:36	RC
cis-1,3-Dichloropropene	BRL	4.1		ug/Kg-dry	339185	1	07/08/2022 15:36	RC
Cyclohexane	8.1	4.1		ug/Kg-dry	339185	1	07/08/2022 15:36	RC
Dibromochloromethane	BRL	4.1		ug/Kg-dry	339185	1	07/08/2022 15:36	RC
Dichlorodifluoromethane	BRL	8.1		ug/Kg-dry	339185	1	07/08/2022 15:36	RC
Ethylbenzene	9.3	4.1		ug/Kg-dry	339185	1	07/08/2022 15:36	RC
Freon-113	BRL	8.1		ug/Kg-dry	339185	1	07/08/2022 15:36	RC
Isopropylbenzene	BRL	4.1		ug/Kg-dry	339185	1	07/08/2022 15:36	RC
m,p-Xylene	29	4.1		ug/Kg-dry	339185	1	07/08/2022 15:36	RC
Methyl acetate	BRL	4.1		ug/Kg-dry	339185	1	07/08/2022 15:36	RC
Methyl tert-butyl ether	BRL	4.1		ug/Kg-dry	339185	1	07/08/2022 15:36	RC
Methylcyclohexane	28	4.1		ug/Kg-dry	339185	1	07/08/2022 15:36	RC
Methylene chloride	BRL	16		ug/Kg-dry	339185	1	07/08/2022 15:36	RC
o-Xylene	22	4.1		ug/Kg-dry	339185	1	07/08/2022 15:36	RC
Styrene	BRL	4.1		ug/Kg-dry	339185	1	07/08/2022 15:36	RC
Tetrachloroethene	BRL	4.1		ug/Kg-dry	339185	1	07/08/2022 15:36	RC
Toluene	BRL	4.1		ug/Kg-dry	339185	1	07/08/2022 15:36	RC
trans-1,2-Dichloroethene	BRL	4.1		ug/Kg-dry	339185	1	07/08/2022 15:36	RC

**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
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

<b>Client:</b> Mill Creek Environmental, LLC	<b>Client Sample ID:</b> SB-03-5
<b>Project Name:</b> 36 Mize Rd, Toccoa, GA	<b>Collection Date:</b> 6/30/2022 11:20:00 AM
<b>Lab ID:</b> 2207136-005	<b>Matrix:</b> Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>TCL VOLATILE ORGANICS SW8260D</b>		<b>(SW5035)</b>						
trans-1,3-Dichloropropene	BRL	4.1		ug/Kg-dry	339185	1	07/08/2022 15:36	RC
Trichloroethene	BRL	4.1		ug/Kg-dry	339185	1	07/08/2022 15:36	RC
Trichlorofluoromethane	BRL	4.1		ug/Kg-dry	339185	1	07/08/2022 15:36	RC
Vinyl chloride	BRL	8.1		ug/Kg-dry	339185	1	07/08/2022 15:36	RC
Surr: 4-Bromofluorobenzene	90.7	63-123		%REC	339185	1	07/08/2022 15:36	RC
Surr: Dibromofluoromethane	93.6	72-132		%REC	339185	1	07/08/2022 15:36	RC
Surr: Toluene-d8	96.8	70-128		%REC	339185	1	07/08/2022 15:36	RC
<b>POLYAROMATIC HYDROCARBONS SW8270E</b>		<b>(SW3546)</b>						
Naphthalene	BRL	820		ug/Kg-dry	339100	2	07/13/2022 11:01	CM
Acenaphthylene	BRL	820		ug/Kg-dry	339100	2	07/13/2022 11:01	CM
1-Methylnaphthalene	BRL	820		ug/Kg-dry	339100	2	07/13/2022 11:01	CM
2-Methylnaphthalene	BRL	820		ug/Kg-dry	339100	2	07/13/2022 11:01	CM
Acenaphthene	BRL	820		ug/Kg-dry	339100	2	07/13/2022 11:01	CM
Fluorene	BRL	820		ug/Kg-dry	339100	2	07/13/2022 11:01	CM
Phenanthrene	BRL	820		ug/Kg-dry	339100	2	07/13/2022 11:01	CM
Anthracene	BRL	820		ug/Kg-dry	339100	2	07/13/2022 11:01	CM
Fluoranthene	BRL	820		ug/Kg-dry	339100	2	07/13/2022 11:01	CM
Pyrene	BRL	820		ug/Kg-dry	339100	2	07/13/2022 11:01	CM
Benz(a)anthracene	BRL	820		ug/Kg-dry	339100	2	07/13/2022 11:01	CM
Chrysene	BRL	820		ug/Kg-dry	339100	2	07/13/2022 11:01	CM
Benzo(b)fluoranthene	BRL	820		ug/Kg-dry	339100	2	07/13/2022 11:01	CM
Benzo(k)fluoranthene	BRL	820		ug/Kg-dry	339100	2	07/13/2022 11:01	CM
Benzo(a)pyrene	BRL	820		ug/Kg-dry	339100	2	07/13/2022 11:01	CM
Dibenz(a,h)anthracene	BRL	820		ug/Kg-dry	339100	2	07/13/2022 11:01	CM
Benzo(g,h,i)perylene	BRL	820		ug/Kg-dry	339100	2	07/13/2022 11:01	CM
Indeno(1,2,3-cd)pyrene	BRL	820		ug/Kg-dry	339100	2	07/13/2022 11:01	CM
Surr: 2-Fluorobiphenyl	44.4	55.1-120	S	%REC	339100	2	07/13/2022 11:01	CM
Surr: 4-Terphenyl-d14	50.6	58.3-128	S	%REC	339100	2	07/13/2022 11:01	CM
Surr: Nitrobenzene-d5	33.4	49.1-120	S	%REC	339100	2	07/13/2022 11:01	CM
<b>PERCENT MOISTURE D2216</b>								
Percent Moisture	19.2	0		wt%	R490253	1	07/03/2022 00:00	JW

<b>Qualifiers:</b>	* Value exceeds maximum contaminant level	E Estimated (value above quantitation range)
	BRL Below reporting limit	S Spike Recovery outside limits due to matrix
	H Holding times for preparation or analysis exceeded	Narr See case narrative
	N Analyte not NELAC certified	F Analyzed in the lab which is a deviation from the method
	B Analyte detected in the associated method blank	< Less than Result value
	> Greater than Result value	J Estimated value detected below Reporting Limit

<b>Client:</b> Mill Creek Environmental, LLC	<b>Client Sample ID:</b> SB-03-30
<b>Project Name:</b> 36 Mize Rd, Toccoa, GA	<b>Collection Date:</b> 6/30/2022 11:30:00 AM
<b>Lab ID:</b> 2207136-006	<b>Matrix:</b> Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>TCL VOLATILE ORGANICS SW8260D</b>		<b>(SW5035)</b>						
1,1,1-Trichloroethane	BRL	5.2		ug/Kg-dry	339185	1	07/06/2022 17:56	RC
1,1,2,2-Tetrachloroethane	BRL	5.2		ug/Kg-dry	339185	1	07/06/2022 17:56	RC
1,1,2-Trichloroethane	BRL	5.2		ug/Kg-dry	339185	1	07/06/2022 17:56	RC
1,1-Dichloroethane	BRL	5.2		ug/Kg-dry	339185	1	07/06/2022 17:56	RC
1,1-Dichloroethene	BRL	5.2		ug/Kg-dry	339185	1	07/06/2022 17:56	RC
1,2,4-Trichlorobenzene	BRL	5.2		ug/Kg-dry	339185	1	07/06/2022 17:56	RC
1,2-Dibromo-3-chloropropane	BRL	5.2		ug/Kg-dry	339185	1	07/06/2022 17:56	RC
1,2-Dibromoethane	BRL	5.2		ug/Kg-dry	339185	1	07/06/2022 17:56	RC
1,2-Dichlorobenzene	BRL	5.2		ug/Kg-dry	339185	1	07/06/2022 17:56	RC
1,2-Dichloroethane	BRL	5.2		ug/Kg-dry	339185	1	07/06/2022 17:56	RC
1,2-Dichloropropane	BRL	5.2		ug/Kg-dry	339185	1	07/06/2022 17:56	RC
1,3-Dichlorobenzene	BRL	5.2		ug/Kg-dry	339185	1	07/06/2022 17:56	RC
1,4-Dichlorobenzene	BRL	5.2		ug/Kg-dry	339185	1	07/06/2022 17:56	RC
2-Butanone	BRL	52		ug/Kg-dry	339185	1	07/06/2022 17:56	RC
2-Hexanone	BRL	10		ug/Kg-dry	339185	1	07/06/2022 17:56	RC
4-Methyl-2-pentanone	BRL	10		ug/Kg-dry	339185	1	07/06/2022 17:56	RC
Acetone	BRL	100		ug/Kg-dry	339185	1	07/06/2022 17:56	RC
Benzene	BRL	5.2		ug/Kg-dry	339185	1	07/06/2022 17:56	RC
Bromodichloromethane	BRL	5.2		ug/Kg-dry	339185	1	07/06/2022 17:56	RC
Bromoform	BRL	5.2		ug/Kg-dry	339185	1	07/06/2022 17:56	RC
Bromomethane	BRL	5.2		ug/Kg-dry	339185	1	07/06/2022 17:56	RC
Carbon disulfide	BRL	10		ug/Kg-dry	339185	1	07/06/2022 17:56	RC
Carbon tetrachloride	BRL	5.2		ug/Kg-dry	339185	1	07/06/2022 17:56	RC
Chlorobenzene	BRL	5.2		ug/Kg-dry	339185	1	07/06/2022 17:56	RC
Chloroethane	BRL	10		ug/Kg-dry	339185	1	07/06/2022 17:56	RC
Chloroform	BRL	5.2		ug/Kg-dry	339185	1	07/06/2022 17:56	RC
Chloromethane	BRL	10		ug/Kg-dry	339185	1	07/06/2022 17:56	RC
cis-1,2-Dichloroethene	BRL	5.2		ug/Kg-dry	339185	1	07/06/2022 17:56	RC
cis-1,3-Dichloropropene	BRL	5.2		ug/Kg-dry	339185	1	07/06/2022 17:56	RC
Cyclohexane	BRL	5.2		ug/Kg-dry	339185	1	07/06/2022 17:56	RC
Dibromochloromethane	BRL	5.2		ug/Kg-dry	339185	1	07/06/2022 17:56	RC
Dichlorodifluoromethane	BRL	10		ug/Kg-dry	339185	1	07/06/2022 17:56	RC
Ethylbenzene	BRL	5.2		ug/Kg-dry	339185	1	07/06/2022 17:56	RC
Freon-113	BRL	10		ug/Kg-dry	339185	1	07/06/2022 17:56	RC
Isopropylbenzene	BRL	5.2		ug/Kg-dry	339185	1	07/06/2022 17:56	RC
m,p-Xylene	BRL	5.2		ug/Kg-dry	339185	1	07/06/2022 17:56	RC
Methyl acetate	BRL	5.2		ug/Kg-dry	339185	1	07/06/2022 17:56	RC
Methyl tert-butyl ether	BRL	5.2		ug/Kg-dry	339185	1	07/06/2022 17:56	RC
Methylcyclohexane	BRL	5.2		ug/Kg-dry	339185	1	07/06/2022 17:56	RC
Methylene chloride	BRL	21		ug/Kg-dry	339185	1	07/06/2022 17:56	RC
o-Xylene	BRL	5.2		ug/Kg-dry	339185	1	07/06/2022 17:56	RC
Styrene	BRL	5.2		ug/Kg-dry	339185	1	07/06/2022 17:56	RC
Tetrachloroethene	BRL	5.2		ug/Kg-dry	339185	1	07/06/2022 17:56	RC
Toluene	BRL	5.2		ug/Kg-dry	339185	1	07/06/2022 17:56	RC
trans-1,2-Dichloroethene	BRL	5.2		ug/Kg-dry	339185	1	07/06/2022 17:56	RC

<b>Qualifiers:</b>	* Value exceeds maximum contaminant level	E Estimated (value above quantitation range)
	BRL Below reporting limit	S Spike Recovery outside limits due to matrix
	H Holding times for preparation or analysis exceeded	Narr See case narrative
	N Analyte not NELAC certified	F Analyzed in the lab which is a deviation from the method
	B Analyte detected in the associated method blank	< Less than Result value
	> Greater than Result value	J Estimated value detected below Reporting Limit

<b>Client:</b> Mill Creek Environmental, LLC	<b>Client Sample ID:</b> SB-03-30
<b>Project Name:</b> 36 Mize Rd, Toccoa, GA	<b>Collection Date:</b> 6/30/2022 11:30:00 AM
<b>Lab ID:</b> 2207136-006	<b>Matrix:</b> Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>TCL VOLATILE ORGANICS SW8260D</b>			<b>(SW5035)</b>					
trans-1,3-Dichloropropene	BRL	5.2		ug/Kg-dry	339185	1	07/06/2022 17:56	RC
Trichloroethene	BRL	5.2		ug/Kg-dry	339185	1	07/06/2022 17:56	RC
Trichlorofluoromethane	BRL	5.2		ug/Kg-dry	339185	1	07/06/2022 17:56	RC
Vinyl chloride	BRL	10		ug/Kg-dry	339185	1	07/06/2022 17:56	RC
Surr: 4-Bromofluorobenzene	104	63-123		%REC	339185	1	07/06/2022 17:56	RC
Surr: Dibromofluoromethane	94.3	72-132		%REC	339185	1	07/06/2022 17:56	RC
Surr: Toluene-d8	99.5	70-128		%REC	339185	1	07/06/2022 17:56	RC
<b>POLYAROMATIC HYDROCARBONS SW8270E</b>			<b>(SW3546)</b>					
Naphthalene	BRL	470		ug/Kg-dry	339100	1	07/06/2022 15:32	DS
Acenaphthylene	BRL	470		ug/Kg-dry	339100	1	07/06/2022 15:32	DS
1-Methylnaphthalene	BRL	470		ug/Kg-dry	339100	1	07/06/2022 15:32	DS
2-Methylnaphthalene	BRL	470		ug/Kg-dry	339100	1	07/06/2022 15:32	DS
Acenaphthene	BRL	470		ug/Kg-dry	339100	1	07/06/2022 15:32	DS
Fluorene	BRL	470		ug/Kg-dry	339100	1	07/06/2022 15:32	DS
Phenanthrene	BRL	470		ug/Kg-dry	339100	1	07/06/2022 15:32	DS
Anthracene	BRL	470		ug/Kg-dry	339100	1	07/06/2022 15:32	DS
Fluoranthene	BRL	470		ug/Kg-dry	339100	1	07/06/2022 15:32	DS
Pyrene	BRL	470		ug/Kg-dry	339100	1	07/06/2022 15:32	DS
Benz(a)anthracene	BRL	470		ug/Kg-dry	339100	1	07/06/2022 15:32	DS
Chrysene	BRL	470		ug/Kg-dry	339100	1	07/06/2022 15:32	DS
Benzo(b)fluoranthene	BRL	470		ug/Kg-dry	339100	1	07/06/2022 15:32	DS
Benzo(k)fluoranthene	BRL	470		ug/Kg-dry	339100	1	07/06/2022 15:32	DS
Benzo(a)pyrene	BRL	470		ug/Kg-dry	339100	1	07/06/2022 15:32	DS
Dibenz(a,h)anthracene	BRL	470		ug/Kg-dry	339100	1	07/06/2022 15:32	DS
Benzo(g,h,i)perylene	BRL	470		ug/Kg-dry	339100	1	07/06/2022 15:32	DS
Indeno(1,2,3-cd)pyrene	BRL	470		ug/Kg-dry	339100	1	07/06/2022 15:32	DS
Surr: 2-Fluorobiphenyl	85.7	55.1-120		%REC	339100	1	07/06/2022 15:32	DS
Surr: 4-Terphenyl-d14	100	58.3-128		%REC	339100	1	07/06/2022 15:32	DS
Surr: Nitrobenzene-d5	97.5	49.1-120		%REC	339100	1	07/06/2022 15:32	DS
<b>PERCENT MOISTURE D2216</b>								
Percent Moisture	29.2	0		wt%	R490253	1	07/03/2022 00:00	JW

**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
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

<b>Client:</b> Mill Creek Environmental, LLC	<b>Client Sample ID:</b> SB-04-5
<b>Project Name:</b> 36 Mize Rd, Toccoa, GA	<b>Collection Date:</b> 6/30/2022 12:00:00 PM
<b>Lab ID:</b> 2207136-007	<b>Matrix:</b> Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>TCL VOLATILE ORGANICS SW8260D</b>		<b>(SW5035)</b>						
1,1,1-Trichloroethane	BRL	4.9		ug/Kg-dry	339185	1	07/06/2022 18:21	RC
1,1,2,2-Tetrachloroethane	BRL	4.9		ug/Kg-dry	339185	1	07/06/2022 18:21	RC
1,1,2-Trichloroethane	BRL	4.9		ug/Kg-dry	339185	1	07/06/2022 18:21	RC
1,1-Dichloroethane	BRL	4.9		ug/Kg-dry	339185	1	07/06/2022 18:21	RC
1,1-Dichloroethene	BRL	4.9		ug/Kg-dry	339185	1	07/06/2022 18:21	RC
1,2,4-Trichlorobenzene	BRL	4.9		ug/Kg-dry	339185	1	07/06/2022 18:21	RC
1,2-Dibromo-3-chloropropane	BRL	4.9		ug/Kg-dry	339185	1	07/06/2022 18:21	RC
1,2-Dibromoethane	BRL	4.9		ug/Kg-dry	339185	1	07/06/2022 18:21	RC
1,2-Dichlorobenzene	BRL	4.9		ug/Kg-dry	339185	1	07/06/2022 18:21	RC
1,2-Dichloroethane	BRL	4.9		ug/Kg-dry	339185	1	07/06/2022 18:21	RC
1,2-Dichloropropane	BRL	4.9		ug/Kg-dry	339185	1	07/06/2022 18:21	RC
1,3-Dichlorobenzene	BRL	4.9		ug/Kg-dry	339185	1	07/06/2022 18:21	RC
1,4-Dichlorobenzene	BRL	4.9		ug/Kg-dry	339185	1	07/06/2022 18:21	RC
2-Butanone	BRL	49		ug/Kg-dry	339185	1	07/06/2022 18:21	RC
2-Hexanone	BRL	9.8		ug/Kg-dry	339185	1	07/06/2022 18:21	RC
4-Methyl-2-pentanone	BRL	9.8		ug/Kg-dry	339185	1	07/06/2022 18:21	RC
Acetone	BRL	98		ug/Kg-dry	339185	1	07/06/2022 18:21	RC
Benzene	BRL	4.9		ug/Kg-dry	339185	1	07/06/2022 18:21	RC
Bromodichloromethane	BRL	4.9		ug/Kg-dry	339185	1	07/06/2022 18:21	RC
Bromoform	BRL	4.9		ug/Kg-dry	339185	1	07/06/2022 18:21	RC
Bromomethane	BRL	4.9		ug/Kg-dry	339185	1	07/06/2022 18:21	RC
Carbon disulfide	BRL	9.8		ug/Kg-dry	339185	1	07/06/2022 18:21	RC
Carbon tetrachloride	BRL	4.9		ug/Kg-dry	339185	1	07/06/2022 18:21	RC
Chlorobenzene	BRL	4.9		ug/Kg-dry	339185	1	07/06/2022 18:21	RC
Chloroethane	BRL	9.8		ug/Kg-dry	339185	1	07/06/2022 18:21	RC
Chloroform	BRL	4.9		ug/Kg-dry	339185	1	07/06/2022 18:21	RC
Chloromethane	BRL	9.8		ug/Kg-dry	339185	1	07/06/2022 18:21	RC
cis-1,2-Dichloroethene	BRL	4.9		ug/Kg-dry	339185	1	07/06/2022 18:21	RC
cis-1,3-Dichloropropene	BRL	4.9		ug/Kg-dry	339185	1	07/06/2022 18:21	RC
Cyclohexane	BRL	4.9		ug/Kg-dry	339185	1	07/06/2022 18:21	RC
Dibromochloromethane	BRL	4.9		ug/Kg-dry	339185	1	07/06/2022 18:21	RC
Dichlorodifluoromethane	BRL	9.8		ug/Kg-dry	339185	1	07/06/2022 18:21	RC
Ethylbenzene	BRL	4.9		ug/Kg-dry	339185	1	07/06/2022 18:21	RC
Freon-113	BRL	9.8		ug/Kg-dry	339185	1	07/06/2022 18:21	RC
Isopropylbenzene	BRL	4.9		ug/Kg-dry	339185	1	07/06/2022 18:21	RC
m,p-Xylene	BRL	4.9		ug/Kg-dry	339185	1	07/06/2022 18:21	RC
Methyl acetate	BRL	4.9		ug/Kg-dry	339185	1	07/06/2022 18:21	RC
Methyl tert-butyl ether	BRL	4.9		ug/Kg-dry	339185	1	07/06/2022 18:21	RC
Methylcyclohexane	BRL	4.9		ug/Kg-dry	339185	1	07/06/2022 18:21	RC
Methylene chloride	BRL	20		ug/Kg-dry	339185	1	07/06/2022 18:21	RC
o-Xylene	BRL	4.9		ug/Kg-dry	339185	1	07/06/2022 18:21	RC
Styrene	BRL	4.9		ug/Kg-dry	339185	1	07/06/2022 18:21	RC
Tetrachloroethene	BRL	4.9		ug/Kg-dry	339185	1	07/06/2022 18:21	RC
Toluene	BRL	4.9		ug/Kg-dry	339185	1	07/06/2022 18:21	RC
trans-1,2-Dichloroethene	BRL	4.9		ug/Kg-dry	339185	1	07/06/2022 18:21	RC

**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
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

<b>Client:</b> Mill Creek Environmental, LLC	<b>Client Sample ID:</b> SB-04-5
<b>Project Name:</b> 36 Mize Rd, Toccoa, GA	<b>Collection Date:</b> 6/30/2022 12:00:00 PM
<b>Lab ID:</b> 2207136-007	<b>Matrix:</b> Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>TCL VOLATILE ORGANICS SW8260D</b>		<b>(SW5035)</b>						
trans-1,3-Dichloropropene	BRL	4.9		ug/Kg-dry	339185	1	07/06/2022 18:21	RC
Trichloroethene	BRL	4.9		ug/Kg-dry	339185	1	07/06/2022 18:21	RC
Trichlorofluoromethane	BRL	4.9		ug/Kg-dry	339185	1	07/06/2022 18:21	RC
Vinyl chloride	BRL	9.8		ug/Kg-dry	339185	1	07/06/2022 18:21	RC
Surr: 4-Bromofluorobenzene	99.7	63-123		%REC	339185	1	07/06/2022 18:21	RC
Surr: Dibromofluoromethane	93.8	72-132		%REC	339185	1	07/06/2022 18:21	RC
Surr: Toluene-d8	99	70-128		%REC	339185	1	07/06/2022 18:21	RC
<b>POLYAROMATIC HYDROCARBONS SW8270E</b>		<b>(SW3546)</b>						
Naphthalene	BRL	460		ug/Kg-dry	339100	1	07/06/2022 15:56	DS
Acenaphthylene	BRL	460		ug/Kg-dry	339100	1	07/06/2022 15:56	DS
1-Methylnaphthalene	BRL	460		ug/Kg-dry	339100	1	07/06/2022 15:56	DS
2-Methylnaphthalene	BRL	460		ug/Kg-dry	339100	1	07/06/2022 15:56	DS
Acenaphthene	BRL	460		ug/Kg-dry	339100	1	07/06/2022 15:56	DS
Fluorene	BRL	460		ug/Kg-dry	339100	1	07/06/2022 15:56	DS
Phenanthrene	BRL	460		ug/Kg-dry	339100	1	07/06/2022 15:56	DS
Anthracene	BRL	460		ug/Kg-dry	339100	1	07/06/2022 15:56	DS
Fluoranthene	BRL	460		ug/Kg-dry	339100	1	07/06/2022 15:56	DS
Pyrene	BRL	460		ug/Kg-dry	339100	1	07/06/2022 15:56	DS
Benz(a)anthracene	BRL	460		ug/Kg-dry	339100	1	07/06/2022 15:56	DS
Chrysene	BRL	460		ug/Kg-dry	339100	1	07/06/2022 15:56	DS
Benzo(b)fluoranthene	BRL	460		ug/Kg-dry	339100	1	07/06/2022 15:56	DS
Benzo(k)fluoranthene	BRL	460		ug/Kg-dry	339100	1	07/06/2022 15:56	DS
Benzo(a)pyrene	BRL	460		ug/Kg-dry	339100	1	07/06/2022 15:56	DS
Dibenz(a,h)anthracene	BRL	460		ug/Kg-dry	339100	1	07/06/2022 15:56	DS
Benzo(g,h,i)perylene	BRL	460		ug/Kg-dry	339100	1	07/06/2022 15:56	DS
Indeno(1,2,3-cd)pyrene	BRL	460		ug/Kg-dry	339100	1	07/06/2022 15:56	DS
Surr: 2-Fluorobiphenyl	59.3	55.1-120		%REC	339100	1	07/06/2022 15:56	DS
Surr: 4-Terphenyl-d14	62.3	58.3-128		%REC	339100	1	07/06/2022 15:56	DS
Surr: Nitrobenzene-d5	66.1	49.1-120		%REC	339100	1	07/06/2022 15:56	DS
<b>PERCENT MOISTURE D2216</b>								
Percent Moisture	27.5	0		wt%	R490253	1	07/03/2022 00:00	JW

**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
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

<b>Client:</b> Mill Creek Environmental, LLC	<b>Client Sample ID:</b> SB-04-28
<b>Project Name:</b> 36 Mize Rd, Toccoa, GA	<b>Collection Date:</b> 6/30/2022 12:15:00 PM
<b>Lab ID:</b> 2207136-008	<b>Matrix:</b> Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>TCL VOLATILE ORGANICS SW8260D</b>		<b>(SW5035)</b>						
1,1,1-Trichloroethane	BRL	4.7		ug/Kg-dry	339185	1	07/06/2022 18:45	RC
1,1,2,2-Tetrachloroethane	BRL	4.7		ug/Kg-dry	339185	1	07/06/2022 18:45	RC
1,1,2-Trichloroethane	BRL	4.7		ug/Kg-dry	339185	1	07/06/2022 18:45	RC
1,1-Dichloroethane	BRL	4.7		ug/Kg-dry	339185	1	07/06/2022 18:45	RC
1,1-Dichloroethene	BRL	4.7		ug/Kg-dry	339185	1	07/06/2022 18:45	RC
1,2,4-Trichlorobenzene	BRL	4.7		ug/Kg-dry	339185	1	07/06/2022 18:45	RC
1,2-Dibromo-3-chloropropane	BRL	4.7		ug/Kg-dry	339185	1	07/06/2022 18:45	RC
1,2-Dibromoethane	BRL	4.7		ug/Kg-dry	339185	1	07/06/2022 18:45	RC
1,2-Dichlorobenzene	BRL	4.7		ug/Kg-dry	339185	1	07/06/2022 18:45	RC
1,2-Dichloroethane	BRL	4.7		ug/Kg-dry	339185	1	07/06/2022 18:45	RC
1,2-Dichloropropane	BRL	4.7		ug/Kg-dry	339185	1	07/06/2022 18:45	RC
1,3-Dichlorobenzene	BRL	4.7		ug/Kg-dry	339185	1	07/06/2022 18:45	RC
1,4-Dichlorobenzene	BRL	4.7		ug/Kg-dry	339185	1	07/06/2022 18:45	RC
2-Butanone	BRL	47		ug/Kg-dry	339185	1	07/06/2022 18:45	RC
2-Hexanone	BRL	9.3		ug/Kg-dry	339185	1	07/06/2022 18:45	RC
4-Methyl-2-pentanone	BRL	9.3		ug/Kg-dry	339185	1	07/06/2022 18:45	RC
Acetone	BRL	93		ug/Kg-dry	339185	1	07/06/2022 18:45	RC
Benzene	BRL	4.7		ug/Kg-dry	339185	1	07/06/2022 18:45	RC
Bromodichloromethane	BRL	4.7		ug/Kg-dry	339185	1	07/06/2022 18:45	RC
Bromoform	BRL	4.7		ug/Kg-dry	339185	1	07/06/2022 18:45	RC
Bromomethane	BRL	4.7		ug/Kg-dry	339185	1	07/06/2022 18:45	RC
Carbon disulfide	BRL	9.3		ug/Kg-dry	339185	1	07/06/2022 18:45	RC
Carbon tetrachloride	BRL	4.7		ug/Kg-dry	339185	1	07/06/2022 18:45	RC
Chlorobenzene	BRL	4.7		ug/Kg-dry	339185	1	07/06/2022 18:45	RC
Chloroethane	BRL	9.3		ug/Kg-dry	339185	1	07/06/2022 18:45	RC
Chloroform	BRL	4.7		ug/Kg-dry	339185	1	07/06/2022 18:45	RC
Chloromethane	BRL	9.3		ug/Kg-dry	339185	1	07/06/2022 18:45	RC
cis-1,2-Dichloroethene	BRL	4.7		ug/Kg-dry	339185	1	07/06/2022 18:45	RC
cis-1,3-Dichloropropene	BRL	4.7		ug/Kg-dry	339185	1	07/06/2022 18:45	RC
Cyclohexane	BRL	4.7		ug/Kg-dry	339185	1	07/06/2022 18:45	RC
Dibromochloromethane	BRL	4.7		ug/Kg-dry	339185	1	07/06/2022 18:45	RC
Dichlorodifluoromethane	BRL	9.3		ug/Kg-dry	339185	1	07/06/2022 18:45	RC
Ethylbenzene	BRL	4.7		ug/Kg-dry	339185	1	07/06/2022 18:45	RC
Freon-113	BRL	9.3		ug/Kg-dry	339185	1	07/06/2022 18:45	RC
Isopropylbenzene	BRL	4.7		ug/Kg-dry	339185	1	07/06/2022 18:45	RC
m,p-Xylene	BRL	4.7		ug/Kg-dry	339185	1	07/06/2022 18:45	RC
Methyl acetate	BRL	4.7		ug/Kg-dry	339185	1	07/06/2022 18:45	RC
Methyl tert-butyl ether	BRL	4.7		ug/Kg-dry	339185	1	07/06/2022 18:45	RC
Methylcyclohexane	BRL	4.7		ug/Kg-dry	339185	1	07/06/2022 18:45	RC
Methylene chloride	BRL	19		ug/Kg-dry	339185	1	07/06/2022 18:45	RC
o-Xylene	BRL	4.7		ug/Kg-dry	339185	1	07/06/2022 18:45	RC
Styrene	BRL	4.7		ug/Kg-dry	339185	1	07/06/2022 18:45	RC
Tetrachloroethene	BRL	4.7		ug/Kg-dry	339185	1	07/06/2022 18:45	RC
Toluene	BRL	4.7		ug/Kg-dry	339185	1	07/06/2022 18:45	RC
trans-1,2-Dichloroethene	BRL	4.7		ug/Kg-dry	339185	1	07/06/2022 18:45	RC

**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
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

<b>Client:</b> Mill Creek Environmental, LLC	<b>Client Sample ID:</b> SB-04-28
<b>Project Name:</b> 36 Mize Rd, Toccoa, GA	<b>Collection Date:</b> 6/30/2022 12:15:00 PM
<b>Lab ID:</b> 2207136-008	<b>Matrix:</b> Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>TCL VOLATILE ORGANICS SW8260D</b>		<b>(SW5035)</b>						
trans-1,3-Dichloropropene	BRL	4.7		ug/Kg-dry	339185	1	07/06/2022 18:45	RC
Trichloroethene	BRL	4.7		ug/Kg-dry	339185	1	07/06/2022 18:45	RC
Trichlorofluoromethane	BRL	4.7		ug/Kg-dry	339185	1	07/06/2022 18:45	RC
Vinyl chloride	BRL	9.3		ug/Kg-dry	339185	1	07/06/2022 18:45	RC
Surr: 4-Bromofluorobenzene	102	63-123		%REC	339185	1	07/06/2022 18:45	RC
Surr: Dibromofluoromethane	93.8	72-132		%REC	339185	1	07/06/2022 18:45	RC
Surr: Toluene-d8	99.9	70-128		%REC	339185	1	07/06/2022 18:45	RC
<b>POLYAROMATIC HYDROCARBONS SW8270E</b>		<b>(SW3546)</b>						
Naphthalene	BRL	370		ug/Kg-dry	339100	1	07/06/2022 16:20	DS
Acenaphthylene	BRL	370		ug/Kg-dry	339100	1	07/06/2022 16:20	DS
1-Methylnaphthalene	BRL	370		ug/Kg-dry	339100	1	07/06/2022 16:20	DS
2-Methylnaphthalene	BRL	370		ug/Kg-dry	339100	1	07/06/2022 16:20	DS
Acenaphthene	BRL	370		ug/Kg-dry	339100	1	07/06/2022 16:20	DS
Fluorene	BRL	370		ug/Kg-dry	339100	1	07/06/2022 16:20	DS
Phenanthrene	BRL	370		ug/Kg-dry	339100	1	07/06/2022 16:20	DS
Anthracene	BRL	370		ug/Kg-dry	339100	1	07/06/2022 16:20	DS
Fluoranthene	BRL	370		ug/Kg-dry	339100	1	07/06/2022 16:20	DS
Pyrene	BRL	370		ug/Kg-dry	339100	1	07/06/2022 16:20	DS
Benz(a)anthracene	BRL	370		ug/Kg-dry	339100	1	07/06/2022 16:20	DS
Chrysene	BRL	370		ug/Kg-dry	339100	1	07/06/2022 16:20	DS
Benzo(b)fluoranthene	BRL	370		ug/Kg-dry	339100	1	07/06/2022 16:20	DS
Benzo(k)fluoranthene	BRL	370		ug/Kg-dry	339100	1	07/06/2022 16:20	DS
Benzo(a)pyrene	BRL	370		ug/Kg-dry	339100	1	07/06/2022 16:20	DS
Dibenz(a,h)anthracene	BRL	370		ug/Kg-dry	339100	1	07/06/2022 16:20	DS
Benzo(g,h,i)perylene	BRL	370		ug/Kg-dry	339100	1	07/06/2022 16:20	DS
Indeno(1,2,3-cd)pyrene	BRL	370		ug/Kg-dry	339100	1	07/06/2022 16:20	DS
Surr: 2-Fluorobiphenyl	85.1	55.1-120		%REC	339100	1	07/06/2022 16:20	DS
Surr: 4-Terphenyl-d14	106	58.3-128		%REC	339100	1	07/06/2022 16:20	DS
Surr: Nitrobenzene-d5	106	49.1-120		%REC	339100	1	07/06/2022 16:20	DS
<b>PERCENT MOISTURE D2216</b>								
Percent Moisture	11.9	0		wt%	R490253	1	07/03/2022 00:00	JW

**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
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

**Client:** Mill Creek Environmental, LLC  
**Project Name:** 36 Mize Rd, Toccoa, GA  
**Lab ID:** 2207136-009

**Client Sample ID:** SB-05-5  
**Collection Date:** 6/30/2022 2:15:00 PM  
**Matrix:** Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>TCL VOLATILE ORGANICS SW8260D</b>		<b>(SW5035)</b>						
1,1,1-Trichloroethane	BRL	4.0		ug/Kg-dry	339185	1	07/06/2022 19:09	RC
1,1,2,2-Tetrachloroethane	BRL	4.0		ug/Kg-dry	339185	1	07/06/2022 19:09	RC
1,1,2-Trichloroethane	BRL	4.0		ug/Kg-dry	339185	1	07/06/2022 19:09	RC
1,1-Dichloroethane	BRL	4.0		ug/Kg-dry	339185	1	07/06/2022 19:09	RC
1,1-Dichloroethene	BRL	4.0		ug/Kg-dry	339185	1	07/06/2022 19:09	RC
1,2,4-Trichlorobenzene	BRL	4.0		ug/Kg-dry	339185	1	07/06/2022 19:09	RC
1,2-Dibromo-3-chloropropane	BRL	4.0		ug/Kg-dry	339185	1	07/06/2022 19:09	RC
1,2-Dibromoethane	BRL	4.0		ug/Kg-dry	339185	1	07/06/2022 19:09	RC
1,2-Dichlorobenzene	BRL	4.0		ug/Kg-dry	339185	1	07/06/2022 19:09	RC
1,2-Dichloroethane	BRL	4.0		ug/Kg-dry	339185	1	07/06/2022 19:09	RC
1,2-Dichloropropane	BRL	4.0		ug/Kg-dry	339185	1	07/06/2022 19:09	RC
1,3-Dichlorobenzene	BRL	4.0		ug/Kg-dry	339185	1	07/06/2022 19:09	RC
1,4-Dichlorobenzene	BRL	4.0		ug/Kg-dry	339185	1	07/06/2022 19:09	RC
2-Butanone	BRL	40		ug/Kg-dry	339185	1	07/06/2022 19:09	RC
2-Hexanone	BRL	8.0		ug/Kg-dry	339185	1	07/06/2022 19:09	RC
4-Methyl-2-pentanone	BRL	8.0		ug/Kg-dry	339185	1	07/06/2022 19:09	RC
Acetone	BRL	80		ug/Kg-dry	339185	1	07/06/2022 19:09	RC
Benzene	BRL	4.0		ug/Kg-dry	339185	1	07/06/2022 19:09	RC
Bromodichloromethane	BRL	4.0		ug/Kg-dry	339185	1	07/06/2022 19:09	RC
Bromoform	BRL	4.0		ug/Kg-dry	339185	1	07/06/2022 19:09	RC
Bromomethane	BRL	4.0		ug/Kg-dry	339185	1	07/06/2022 19:09	RC
Carbon disulfide	BRL	8.0		ug/Kg-dry	339185	1	07/06/2022 19:09	RC
Carbon tetrachloride	BRL	4.0		ug/Kg-dry	339185	1	07/06/2022 19:09	RC
Chlorobenzene	BRL	4.0		ug/Kg-dry	339185	1	07/06/2022 19:09	RC
Chloroethane	BRL	8.0		ug/Kg-dry	339185	1	07/06/2022 19:09	RC
Chloroform	BRL	4.0		ug/Kg-dry	339185	1	07/06/2022 19:09	RC
Chloromethane	BRL	8.0		ug/Kg-dry	339185	1	07/06/2022 19:09	RC
cis-1,2-Dichloroethene	BRL	4.0		ug/Kg-dry	339185	1	07/06/2022 19:09	RC
cis-1,3-Dichloropropene	BRL	4.0		ug/Kg-dry	339185	1	07/06/2022 19:09	RC
Cyclohexane	BRL	4.0		ug/Kg-dry	339185	1	07/06/2022 19:09	RC
Dibromochloromethane	BRL	4.0		ug/Kg-dry	339185	1	07/06/2022 19:09	RC
Dichlorodifluoromethane	BRL	8.0		ug/Kg-dry	339185	1	07/06/2022 19:09	RC
Ethylbenzene	BRL	4.0		ug/Kg-dry	339185	1	07/06/2022 19:09	RC
Freon-113	BRL	8.0		ug/Kg-dry	339185	1	07/06/2022 19:09	RC
Isopropylbenzene	BRL	4.0		ug/Kg-dry	339185	1	07/06/2022 19:09	RC
m,p-Xylene	BRL	4.0		ug/Kg-dry	339185	1	07/06/2022 19:09	RC
Methyl acetate	BRL	4.0		ug/Kg-dry	339185	1	07/06/2022 19:09	RC
Methyl tert-butyl ether	BRL	4.0		ug/Kg-dry	339185	1	07/06/2022 19:09	RC
Methylcyclohexane	BRL	4.0		ug/Kg-dry	339185	1	07/06/2022 19:09	RC
Methylene chloride	BRL	16		ug/Kg-dry	339185	1	07/06/2022 19:09	RC
o-Xylene	BRL	4.0		ug/Kg-dry	339185	1	07/06/2022 19:09	RC
Styrene	BRL	4.0		ug/Kg-dry	339185	1	07/06/2022 19:09	RC
Tetrachloroethene	BRL	4.0		ug/Kg-dry	339185	1	07/06/2022 19:09	RC
Toluene	BRL	4.0		ug/Kg-dry	339185	1	07/06/2022 19:09	RC
trans-1,2-Dichloroethene	BRL	4.0		ug/Kg-dry	339185	1	07/06/2022 19:09	RC

**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
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

<b>Client:</b> Mill Creek Environmental, LLC	<b>Client Sample ID:</b> SB-05-5
<b>Project Name:</b> 36 Mize Rd, Toccoa, GA	<b>Collection Date:</b> 6/30/2022 2:15:00 PM
<b>Lab ID:</b> 2207136-009	<b>Matrix:</b> Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>TCL VOLATILE ORGANICS SW8260D</b>		<b>(SW5035)</b>						
trans-1,3-Dichloropropene	BRL	4.0		ug/Kg-dry	339185	1	07/06/2022 19:09	RC
Trichloroethene	BRL	4.0		ug/Kg-dry	339185	1	07/06/2022 19:09	RC
Trichlorofluoromethane	BRL	4.0		ug/Kg-dry	339185	1	07/06/2022 19:09	RC
Vinyl chloride	BRL	8.0		ug/Kg-dry	339185	1	07/06/2022 19:09	RC
Surr: 4-Bromofluorobenzene	99.9	63-123		%REC	339185	1	07/06/2022 19:09	RC
Surr: Dibromofluoromethane	94.3	72-132		%REC	339185	1	07/06/2022 19:09	RC
Surr: Toluene-d8	98.9	70-128		%REC	339185	1	07/06/2022 19:09	RC
<b>POLYAROMATIC HYDROCARBONS SW8270E</b>		<b>(SW3546)</b>						
Naphthalene	BRL	430		ug/Kg-dry	339100	1	07/06/2022 17:34	DS
Acenaphthylene	BRL	430		ug/Kg-dry	339100	1	07/06/2022 17:34	DS
1-Methylnaphthalene	BRL	430		ug/Kg-dry	339100	1	07/06/2022 17:34	DS
2-Methylnaphthalene	BRL	430		ug/Kg-dry	339100	1	07/06/2022 17:34	DS
Acenaphthene	BRL	430		ug/Kg-dry	339100	1	07/06/2022 17:34	DS
Fluorene	BRL	430		ug/Kg-dry	339100	1	07/06/2022 17:34	DS
Phenanthrene	BRL	430		ug/Kg-dry	339100	1	07/06/2022 17:34	DS
Anthracene	BRL	430		ug/Kg-dry	339100	1	07/06/2022 17:34	DS
Fluoranthene	BRL	430		ug/Kg-dry	339100	1	07/06/2022 17:34	DS
Pyrene	BRL	430		ug/Kg-dry	339100	1	07/06/2022 17:34	DS
Benz(a)anthracene	BRL	430		ug/Kg-dry	339100	1	07/06/2022 17:34	DS
Chrysene	BRL	430		ug/Kg-dry	339100	1	07/06/2022 17:34	DS
Benzo(b)fluoranthene	BRL	430		ug/Kg-dry	339100	1	07/06/2022 17:34	DS
Benzo(k)fluoranthene	BRL	430		ug/Kg-dry	339100	1	07/06/2022 17:34	DS
Benzo(a)pyrene	BRL	430		ug/Kg-dry	339100	1	07/06/2022 17:34	DS
Dibenz(a,h)anthracene	BRL	430		ug/Kg-dry	339100	1	07/06/2022 17:34	DS
Benzo(g,h,i)perylene	BRL	430		ug/Kg-dry	339100	1	07/06/2022 17:34	DS
Indeno(1,2,3-cd)pyrene	BRL	430		ug/Kg-dry	339100	1	07/06/2022 17:34	DS
Surr: 2-Fluorobiphenyl	86.6	55.1-120		%REC	339100	1	07/06/2022 17:34	DS
Surr: 4-Terphenyl-d14	81.6	58.3-128		%REC	339100	1	07/06/2022 17:34	DS
Surr: Nitrobenzene-d5	91.9	49.1-120		%REC	339100	1	07/06/2022 17:34	DS
<b>PERCENT MOISTURE D2216</b>								
Percent Moisture	22.8	0		wt%	R490253	1	07/03/2022 00:00	JW

<b>Qualifiers:</b>	* Value exceeds maximum contaminant level	E Estimated (value above quantitation range)
	BRL Below reporting limit	S Spike Recovery outside limits due to matrix
	H Holding times for preparation or analysis exceeded	Narr See case narrative
	N Analyte not NELAC certified	F Analyzed in the lab which is a deviation from the method
	B Analyte detected in the associated method blank	< Less than Result value
	> Greater than Result value	J Estimated value detected below Reporting Limit

<b>Client:</b> Mill Creek Environmental, LLC	<b>Client Sample ID:</b> SB-06-5
<b>Project Name:</b> 36 Mize Rd, Toccoa, GA	<b>Collection Date:</b> 6/30/2022 2:50:00 PM
<b>Lab ID:</b> 2207136-010	<b>Matrix:</b> Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>TCL VOLATILE ORGANICS SW8260D</b>		<b>(SW5035)</b>						
1,1,1-Trichloroethane	BRL	4.9		ug/Kg-dry	339185	1	07/06/2022 19:33	RC
1,1,2,2-Tetrachloroethane	BRL	4.9		ug/Kg-dry	339185	1	07/06/2022 19:33	RC
1,1,2-Trichloroethane	BRL	4.9		ug/Kg-dry	339185	1	07/06/2022 19:33	RC
1,1-Dichloroethane	BRL	4.9		ug/Kg-dry	339185	1	07/06/2022 19:33	RC
1,1-Dichloroethene	BRL	4.9		ug/Kg-dry	339185	1	07/06/2022 19:33	RC
1,2,4-Trichlorobenzene	BRL	4.9		ug/Kg-dry	339185	1	07/06/2022 19:33	RC
1,2-Dibromo-3-chloropropane	BRL	4.9		ug/Kg-dry	339185	1	07/06/2022 19:33	RC
1,2-Dibromoethane	BRL	4.9		ug/Kg-dry	339185	1	07/06/2022 19:33	RC
1,2-Dichlorobenzene	BRL	4.9		ug/Kg-dry	339185	1	07/06/2022 19:33	RC
1,2-Dichloroethane	BRL	4.9		ug/Kg-dry	339185	1	07/06/2022 19:33	RC
1,2-Dichloropropane	BRL	4.9		ug/Kg-dry	339185	1	07/06/2022 19:33	RC
1,3-Dichlorobenzene	BRL	4.9		ug/Kg-dry	339185	1	07/06/2022 19:33	RC
1,4-Dichlorobenzene	BRL	4.9		ug/Kg-dry	339185	1	07/06/2022 19:33	RC
2-Butanone	BRL	49		ug/Kg-dry	339185	1	07/06/2022 19:33	RC
2-Hexanone	BRL	9.8		ug/Kg-dry	339185	1	07/06/2022 19:33	RC
4-Methyl-2-pentanone	BRL	9.8		ug/Kg-dry	339185	1	07/06/2022 19:33	RC
Acetone	110	98		ug/Kg-dry	339185	1	07/06/2022 19:33	RC
Benzene	BRL	4.9		ug/Kg-dry	339185	1	07/06/2022 19:33	RC
Bromodichloromethane	BRL	4.9		ug/Kg-dry	339185	1	07/06/2022 19:33	RC
Bromoform	BRL	4.9		ug/Kg-dry	339185	1	07/06/2022 19:33	RC
Bromomethane	BRL	4.9		ug/Kg-dry	339185	1	07/06/2022 19:33	RC
Carbon disulfide	BRL	9.8		ug/Kg-dry	339185	1	07/06/2022 19:33	RC
Carbon tetrachloride	BRL	4.9		ug/Kg-dry	339185	1	07/06/2022 19:33	RC
Chlorobenzene	BRL	4.9		ug/Kg-dry	339185	1	07/06/2022 19:33	RC
Chloroethane	BRL	9.8		ug/Kg-dry	339185	1	07/06/2022 19:33	RC
Chloroform	BRL	4.9		ug/Kg-dry	339185	1	07/06/2022 19:33	RC
Chloromethane	BRL	9.8		ug/Kg-dry	339185	1	07/06/2022 19:33	RC
cis-1,2-Dichloroethene	BRL	4.9		ug/Kg-dry	339185	1	07/06/2022 19:33	RC
cis-1,3-Dichloropropene	BRL	4.9		ug/Kg-dry	339185	1	07/06/2022 19:33	RC
Cyclohexane	BRL	4.9		ug/Kg-dry	339185	1	07/06/2022 19:33	RC
Dibromochloromethane	BRL	4.9		ug/Kg-dry	339185	1	07/06/2022 19:33	RC
Dichlorodifluoromethane	BRL	9.8		ug/Kg-dry	339185	1	07/06/2022 19:33	RC
Ethylbenzene	BRL	4.9		ug/Kg-dry	339185	1	07/06/2022 19:33	RC
Freon-113	BRL	9.8		ug/Kg-dry	339185	1	07/06/2022 19:33	RC
Isopropylbenzene	BRL	4.9		ug/Kg-dry	339185	1	07/06/2022 19:33	RC
m,p-Xylene	BRL	4.9		ug/Kg-dry	339185	1	07/06/2022 19:33	RC
Methyl acetate	BRL	4.9		ug/Kg-dry	339185	1	07/06/2022 19:33	RC
Methyl tert-butyl ether	BRL	4.9		ug/Kg-dry	339185	1	07/06/2022 19:33	RC
Methylcyclohexane	BRL	4.9		ug/Kg-dry	339185	1	07/06/2022 19:33	RC
Methylene chloride	BRL	20		ug/Kg-dry	339185	1	07/06/2022 19:33	RC
o-Xylene	BRL	4.9		ug/Kg-dry	339185	1	07/06/2022 19:33	RC
Styrene	BRL	4.9		ug/Kg-dry	339185	1	07/06/2022 19:33	RC
Tetrachloroethene	BRL	4.9		ug/Kg-dry	339185	1	07/06/2022 19:33	RC
Toluene	BRL	4.9		ug/Kg-dry	339185	1	07/06/2022 19:33	RC
trans-1,2-Dichloroethene	BRL	4.9		ug/Kg-dry	339185	1	07/06/2022 19:33	RC

**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
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

<b>Client:</b> Mill Creek Environmental, LLC	<b>Client Sample ID:</b> SB-06-5
<b>Project Name:</b> 36 Mize Rd, Toccoa, GA	<b>Collection Date:</b> 6/30/2022 2:50:00 PM
<b>Lab ID:</b> 2207136-010	<b>Matrix:</b> Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>TCL VOLATILE ORGANICS SW8260D</b>		<b>(SW5035)</b>						
trans-1,3-Dichloropropene	BRL	4.9		ug/Kg-dry	339185	1	07/06/2022 19:33	RC
Trichloroethene	BRL	4.9		ug/Kg-dry	339185	1	07/06/2022 19:33	RC
Trichlorofluoromethane	BRL	4.9		ug/Kg-dry	339185	1	07/06/2022 19:33	RC
Vinyl chloride	BRL	9.8		ug/Kg-dry	339185	1	07/06/2022 19:33	RC
Surr: 4-Bromofluorobenzene	102	63-123		%REC	339185	1	07/06/2022 19:33	RC
Surr: Dibromofluoromethane	92.6	72-132		%REC	339185	1	07/06/2022 19:33	RC
Surr: Toluene-d8	99.1	70-128		%REC	339185	1	07/06/2022 19:33	RC
<b>POLYAROMATIC HYDROCARBONS SW8270E</b>		<b>(SW3546)</b>						
Naphthalene	BRL	440		ug/Kg-dry	339100	1	07/06/2022 17:59	DS
Acenaphthylene	BRL	440		ug/Kg-dry	339100	1	07/06/2022 17:59	DS
1-Methylnaphthalene	BRL	440		ug/Kg-dry	339100	1	07/06/2022 17:59	DS
2-Methylnaphthalene	BRL	440		ug/Kg-dry	339100	1	07/06/2022 17:59	DS
Acenaphthene	BRL	440		ug/Kg-dry	339100	1	07/06/2022 17:59	DS
Fluorene	BRL	440		ug/Kg-dry	339100	1	07/06/2022 17:59	DS
Phenanthrene	BRL	440		ug/Kg-dry	339100	1	07/06/2022 17:59	DS
Anthracene	BRL	440		ug/Kg-dry	339100	1	07/06/2022 17:59	DS
Fluoranthene	BRL	440		ug/Kg-dry	339100	1	07/06/2022 17:59	DS
Pyrene	BRL	440		ug/Kg-dry	339100	1	07/06/2022 17:59	DS
Benz(a)anthracene	BRL	440		ug/Kg-dry	339100	1	07/06/2022 17:59	DS
Chrysene	BRL	440		ug/Kg-dry	339100	1	07/06/2022 17:59	DS
Benzo(b)fluoranthene	BRL	440		ug/Kg-dry	339100	1	07/06/2022 17:59	DS
Benzo(k)fluoranthene	BRL	440		ug/Kg-dry	339100	1	07/06/2022 17:59	DS
Benzo(a)pyrene	BRL	440		ug/Kg-dry	339100	1	07/06/2022 17:59	DS
Dibenz(a,h)anthracene	BRL	440		ug/Kg-dry	339100	1	07/06/2022 17:59	DS
Benzo(g,h,i)perylene	BRL	440		ug/Kg-dry	339100	1	07/06/2022 17:59	DS
Indeno(1,2,3-cd)pyrene	BRL	440		ug/Kg-dry	339100	1	07/06/2022 17:59	DS
Surr: 2-Fluorobiphenyl	88.9	55.1-120		%REC	339100	1	07/06/2022 17:59	DS
Surr: 4-Terphenyl-d14	105	58.3-128		%REC	339100	1	07/06/2022 17:59	DS
Surr: Nitrobenzene-d5	99.9	49.1-120		%REC	339100	1	07/06/2022 17:59	DS
<b>PERCENT MOISTURE D2216</b>								
Percent Moisture	25.4	0		wt%	R490253	1	07/03/2022 00:00	JW

<b>Qualifiers:</b>	* Value exceeds maximum contaminant level	E Estimated (value above quantitation range)
	BRL Below reporting limit	S Spike Recovery outside limits due to matrix
	H Holding times for preparation or analysis exceeded	Narr See case narrative
	N Analyte not NELAC certified	F Analyzed in the lab which is a deviation from the method
	B Analyte detected in the associated method blank	< Less than Result value
	> Greater than Result value	J Estimated value detected below Reporting Limit

**Client:** Mill Creek Environmental, LLC  
**Project Name:** 36 Mize Rd, Toccoa, GA  
**Lab ID:** 2207136-011

**Client Sample ID:** SB-07-2  
**Collection Date:** 6/30/2022 3:20:00 PM  
**Matrix:** Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>TCL VOLATILE ORGANICS SW8260D</b>		<b>(SW5035)</b>						
1,1,1-Trichloroethane	BRL	5.1		ug/Kg-dry	339185	1	07/06/2022 19:57	RC
1,1,2,2-Tetrachloroethane	BRL	5.1		ug/Kg-dry	339185	1	07/06/2022 19:57	RC
1,1,2-Trichloroethane	BRL	5.1		ug/Kg-dry	339185	1	07/06/2022 19:57	RC
1,1-Dichloroethane	BRL	5.1		ug/Kg-dry	339185	1	07/06/2022 19:57	RC
1,1-Dichloroethene	BRL	5.1		ug/Kg-dry	339185	1	07/06/2022 19:57	RC
1,2,4-Trichlorobenzene	BRL	5.1		ug/Kg-dry	339185	1	07/06/2022 19:57	RC
1,2-Dibromo-3-chloropropane	BRL	5.1		ug/Kg-dry	339185	1	07/06/2022 19:57	RC
1,2-Dibromoethane	BRL	5.1		ug/Kg-dry	339185	1	07/06/2022 19:57	RC
1,2-Dichlorobenzene	BRL	5.1		ug/Kg-dry	339185	1	07/06/2022 19:57	RC
1,2-Dichloroethane	BRL	5.1		ug/Kg-dry	339185	1	07/06/2022 19:57	RC
1,2-Dichloropropane	BRL	5.1		ug/Kg-dry	339185	1	07/06/2022 19:57	RC
1,3-Dichlorobenzene	BRL	5.1		ug/Kg-dry	339185	1	07/06/2022 19:57	RC
1,4-Dichlorobenzene	BRL	5.1		ug/Kg-dry	339185	1	07/06/2022 19:57	RC
2-Butanone	BRL	51		ug/Kg-dry	339185	1	07/06/2022 19:57	RC
2-Hexanone	BRL	10		ug/Kg-dry	339185	1	07/06/2022 19:57	RC
4-Methyl-2-pentanone	BRL	10		ug/Kg-dry	339185	1	07/06/2022 19:57	RC
Acetone	200	100		ug/Kg-dry	339185	1	07/06/2022 19:57	RC
Benzene	BRL	5.1		ug/Kg-dry	339185	1	07/06/2022 19:57	RC
Bromodichloromethane	BRL	5.1		ug/Kg-dry	339185	1	07/06/2022 19:57	RC
Bromoform	BRL	5.1		ug/Kg-dry	339185	1	07/06/2022 19:57	RC
Bromomethane	BRL	5.1		ug/Kg-dry	339185	1	07/06/2022 19:57	RC
Carbon disulfide	BRL	10		ug/Kg-dry	339185	1	07/06/2022 19:57	RC
Carbon tetrachloride	BRL	5.1		ug/Kg-dry	339185	1	07/06/2022 19:57	RC
Chlorobenzene	BRL	5.1		ug/Kg-dry	339185	1	07/06/2022 19:57	RC
Chloroethane	BRL	10		ug/Kg-dry	339185	1	07/06/2022 19:57	RC
Chloroform	BRL	5.1		ug/Kg-dry	339185	1	07/06/2022 19:57	RC
Chloromethane	BRL	10		ug/Kg-dry	339185	1	07/06/2022 19:57	RC
cis-1,2-Dichloroethene	BRL	5.1		ug/Kg-dry	339185	1	07/06/2022 19:57	RC
cis-1,3-Dichloropropene	BRL	5.1		ug/Kg-dry	339185	1	07/06/2022 19:57	RC
Cyclohexane	BRL	5.1		ug/Kg-dry	339185	1	07/06/2022 19:57	RC
Dibromochloromethane	BRL	5.1		ug/Kg-dry	339185	1	07/06/2022 19:57	RC
Dichlorodifluoromethane	BRL	10		ug/Kg-dry	339185	1	07/06/2022 19:57	RC
Ethylbenzene	BRL	5.1		ug/Kg-dry	339185	1	07/06/2022 19:57	RC
Freon-113	BRL	10		ug/Kg-dry	339185	1	07/06/2022 19:57	RC
Isopropylbenzene	BRL	5.1		ug/Kg-dry	339185	1	07/06/2022 19:57	RC
m,p-Xylene	BRL	5.1		ug/Kg-dry	339185	1	07/06/2022 19:57	RC
Methyl acetate	BRL	5.1		ug/Kg-dry	339185	1	07/06/2022 19:57	RC
Methyl tert-butyl ether	BRL	5.1		ug/Kg-dry	339185	1	07/06/2022 19:57	RC
Methylcyclohexane	BRL	5.1		ug/Kg-dry	339185	1	07/06/2022 19:57	RC
Methylene chloride	BRL	21		ug/Kg-dry	339185	1	07/06/2022 19:57	RC
o-Xylene	BRL	5.1		ug/Kg-dry	339185	1	07/06/2022 19:57	RC
Styrene	BRL	5.1		ug/Kg-dry	339185	1	07/06/2022 19:57	RC
Tetrachloroethene	BRL	5.1		ug/Kg-dry	339185	1	07/06/2022 19:57	RC
Toluene	BRL	5.1		ug/Kg-dry	339185	1	07/06/2022 19:57	RC
trans-1,2-Dichloroethene	BRL	5.1		ug/Kg-dry	339185	1	07/06/2022 19:57	RC

**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
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit

<b>Client:</b> Mill Creek Environmental, LLC	<b>Client Sample ID:</b> SB-07-2
<b>Project Name:</b> 36 Mize Rd, Toccoa, GA	<b>Collection Date:</b> 6/30/2022 3:20:00 PM
<b>Lab ID:</b> 2207136-011	<b>Matrix:</b> Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>TCL VOLATILE ORGANICS SW8260D</b>		<b>(SW5035)</b>						
trans-1,3-Dichloropropene	BRL	5.1		ug/Kg-dry	339185	1	07/06/2022 19:57	RC
Trichloroethene	BRL	5.1		ug/Kg-dry	339185	1	07/06/2022 19:57	RC
Trichlorofluoromethane	BRL	5.1		ug/Kg-dry	339185	1	07/06/2022 19:57	RC
Vinyl chloride	BRL	10		ug/Kg-dry	339185	1	07/06/2022 19:57	RC
Surr: 4-Bromofluorobenzene	94.1	63-123		%REC	339185	1	07/06/2022 19:57	RC
Surr: Dibromofluoromethane	98	72-132		%REC	339185	1	07/06/2022 19:57	RC
Surr: Toluene-d8	95.9	70-128		%REC	339185	1	07/06/2022 19:57	RC
<b>POLYAROMATIC HYDROCARBONS SW8270E</b>		<b>(SW3546)</b>						
Naphthalene	BRL	4300		ug/Kg-dry	339100	5	07/06/2022 18:48	DS
Acenaphthylene	BRL	4300		ug/Kg-dry	339100	5	07/06/2022 18:48	DS
1-Methylnaphthalene	BRL	4300		ug/Kg-dry	339100	5	07/06/2022 18:48	DS
2-Methylnaphthalene	BRL	4300		ug/Kg-dry	339100	5	07/06/2022 18:48	DS
Acenaphthene	BRL	4300		ug/Kg-dry	339100	5	07/06/2022 18:48	DS
Fluorene	BRL	4300		ug/Kg-dry	339100	5	07/06/2022 18:48	DS
Phenanthrene	BRL	4300		ug/Kg-dry	339100	5	07/06/2022 18:48	DS
Anthracene	BRL	4300		ug/Kg-dry	339100	5	07/06/2022 18:48	DS
Fluoranthene	BRL	4300		ug/Kg-dry	339100	5	07/06/2022 18:48	DS
Pyrene	BRL	4300		ug/Kg-dry	339100	5	07/06/2022 18:48	DS
Benz(a)anthracene	BRL	4300		ug/Kg-dry	339100	5	07/06/2022 18:48	DS
Chrysene	BRL	4300		ug/Kg-dry	339100	5	07/06/2022 18:48	DS
Benzo(b)fluoranthene	BRL	4300		ug/Kg-dry	339100	5	07/06/2022 18:48	DS
Benzo(k)fluoranthene	BRL	4300		ug/Kg-dry	339100	5	07/06/2022 18:48	DS
Benzo(a)pyrene	BRL	4300		ug/Kg-dry	339100	5	07/06/2022 18:48	DS
Dibenz(a,h)anthracene	BRL	4300		ug/Kg-dry	339100	5	07/06/2022 18:48	DS
Benzo(g,h,i)perylene	BRL	4300		ug/Kg-dry	339100	5	07/06/2022 18:48	DS
Indeno(1,2,3-cd)pyrene	BRL	4300		ug/Kg-dry	339100	5	07/06/2022 18:48	DS
Surr: 2-Fluorobiphenyl	58.6	55.1-120		%REC	339100	5	07/06/2022 18:48	DS
Surr: 4-Terphenyl-d14	62.4	58.3-128		%REC	339100	5	07/06/2022 18:48	DS
Surr: Nitrobenzene-d5	38.2	49.1-120	S	%REC	339100	5	07/06/2022 18:48	DS
<b>PERCENT MOISTURE D2216</b>								
Percent Moisture	23.9	0		wt%	R490253	1	07/03/2022 00:00	JW

<b>Qualifiers:</b>	* Value exceeds maximum contaminant level	E Estimated (value above quantitation range)
	BRL Below reporting limit	S Spike Recovery outside limits due to matrix
	H Holding times for preparation or analysis exceeded	Narr See case narrative
	N Analyte not NELAC certified	F Analyzed in the lab which is a deviation from the method
	B Analyte detected in the associated method blank	< Less than Result value
	> Greater than Result value	J Estimated value detected below Reporting Limit

**Client:** Mill Creek Environmental, LLC  
**Project Name:** 36 Mize Rd, Toccoa, GA  
**Lab ID:** 2207136-012

**Client Sample ID:** TRIP BLANK  
**Collection Date:** 6/30/2022  
**Matrix:** Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
<b>TCL VOLATILE ORGANICS SW8260D</b>					<b>(SW5030B)</b>			
1,1,1-Trichloroethane	BRL	5.0		ug/L	339111	1	07/05/2022 10:52	AV
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	339111	1	07/05/2022 10:52	AV
1,1,2-Trichloroethane	BRL	5.0		ug/L	339111	1	07/05/2022 10:52	AV
1,1-Dichloroethane	BRL	5.0		ug/L	339111	1	07/05/2022 10:52	AV
1,1-Dichloroethene	BRL	5.0		ug/L	339111	1	07/05/2022 10:52	AV
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	339111	1	07/05/2022 10:52	AV
1,2-Dibromo-3-chloropropane	BRL	5.0		ug/L	339111	1	07/05/2022 10:52	AV
1,2-Dibromoethane	BRL	5.0		ug/L	339111	1	07/05/2022 10:52	AV
1,2-Dichlorobenzene	BRL	5.0		ug/L	339111	1	07/05/2022 10:52	AV
1,2-Dichloroethane	BRL	5.0		ug/L	339111	1	07/05/2022 10:52	AV
1,2-Dichloropropane	BRL	5.0		ug/L	339111	1	07/05/2022 10:52	AV
1,3-Dichlorobenzene	BRL	5.0		ug/L	339111	1	07/05/2022 10:52	AV
1,4-Dichlorobenzene	BRL	5.0		ug/L	339111	1	07/05/2022 10:52	AV
2-Butanone	BRL	50		ug/L	339111	1	07/05/2022 10:52	AV
2-Hexanone	BRL	10		ug/L	339111	1	07/05/2022 10:52	AV
4-Methyl-2-pentanone	BRL	10		ug/L	339111	1	07/05/2022 10:52	AV
Acetone	BRL	50		ug/L	339111	1	07/05/2022 10:52	AV
Benzene	BRL	5.0		ug/L	339111	1	07/05/2022 10:52	AV
Bromodichloromethane	BRL	5.0		ug/L	339111	1	07/05/2022 10:52	AV
Bromoform	BRL	5.0		ug/L	339111	1	07/05/2022 10:52	AV
Bromomethane	BRL	5.0		ug/L	339111	1	07/05/2022 10:52	AV
Carbon disulfide	BRL	5.0		ug/L	339111	1	07/05/2022 10:52	AV
Carbon tetrachloride	BRL	5.0		ug/L	339111	1	07/05/2022 10:52	AV
Chlorobenzene	BRL	5.0		ug/L	339111	1	07/05/2022 10:52	AV
Chloroethane	BRL	10		ug/L	339111	1	07/05/2022 10:52	AV
Chloroform	BRL	5.0		ug/L	339111	1	07/05/2022 10:52	AV
Chloromethane	BRL	10		ug/L	339111	1	07/05/2022 10:52	AV
cis-1,2-Dichloroethene	BRL	5.0		ug/L	339111	1	07/05/2022 10:52	AV
cis-1,3-Dichloropropene	BRL	5.0		ug/L	339111	1	07/05/2022 10:52	AV
Cyclohexane	BRL	5.0		ug/L	339111	1	07/05/2022 10:52	AV
Dibromochloromethane	BRL	5.0		ug/L	339111	1	07/05/2022 10:52	AV
Dichlorodifluoromethane	BRL	10		ug/L	339111	1	07/05/2022 10:52	AV
Ethylbenzene	BRL	5.0		ug/L	339111	1	07/05/2022 10:52	AV
Freon-113	BRL	10		ug/L	339111	1	07/05/2022 10:52	AV
Isopropylbenzene	BRL	5.0		ug/L	339111	1	07/05/2022 10:52	AV
m,p-Xylene	BRL	5.0		ug/L	339111	1	07/05/2022 10:52	AV
Methyl acetate	BRL	5.0		ug/L	339111	1	07/05/2022 10:52	AV
Methyl tert-butyl ether	BRL	5.0		ug/L	339111	1	07/05/2022 10:52	AV
Methylcyclohexane	BRL	5.0		ug/L	339111	1	07/05/2022 10:52	AV
Methylene chloride	BRL	5.0		ug/L	339111	1	07/05/2022 10:52	AV
o-Xylene	BRL	5.0		ug/L	339111	1	07/05/2022 10:52	AV
Styrene	BRL	5.0		ug/L	339111	1	07/05/2022 10:52	AV
Tetrachloroethene	BRL	5.0		ug/L	339111	1	07/05/2022 10:52	AV
Toluene	BRL	5.0		ug/L	339111	1	07/05/2022 10:52	AV
trans-1,2-Dichloroethene	BRL	5.0		ug/L	339111	1	07/05/2022 10:52	AV

**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
- F Analyzed in the lab which is a deviation from the method
- < Less than Result value
- J Estimated value detected below Reporting Limit



**SAMPLE/COOLER RECEIPT CHECKLIST**

1. Client Name: Mill Creek Environmental, LLC

AES Work Order Number: 2207136

2. Carrier: FedEx  UPS  USPS  Client  Courier  Other \_\_\_\_\_

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

13. Cooler 1 Temperature 3.7 °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). FM 7/2/22

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

27. Comments: \_\_\_\_\_

I certify that I have completed sections 16-27 (dated initials). FM 7/2/22

This section only applies to samples where pH can be checked at Sample Receipt.

	Yes	No	N/A	Details	Comments
28. Have containers needing chemical preservation been checked? *	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>		
29. Containers meet preservation guidelines?	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>		
30. Was pH adjusted at Sample Receipt?	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>		

\* Note: Certain analyses require chemical preservation but must be checked in the laboratory and not upon Sample Receipt such as Coliforms, VOCs and Oil & Grease/TPH.

This also excludes metals by EPA 200.7, 200.8 and 245.1 which will be verified between 16 and 24 hours after preservation.

I certify that I have completed sections 28-30 (dated initials). FM 7/2/22

Locked

**Client:** Mill Creek Environmental, LLC  
**Project Name:** 36 Mize Rd, Toccoa, GA  
**Workorder:** 2207136

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: 339100**

Sample ID: <b>MB-339100</b>	Client ID:	Units: <b>ug/Kg</b>	Prep Date: <b>07/06/2022</b>	Run No: <b>490473</b>							
Sample Type: <b>MBLK</b>	TestCode: <b>POLYAROMATIC HYDROCARBONS SW8270E</b>	BatchID: <b>339100</b>	Analysis Date: <b>07/06/2022</b>	Seq No: <b>11434115</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1-Methylnaphthalene	BRL	330									
2-Methylnaphthalene	BRL	330									
Acenaphthene	BRL	330									
Acenaphthylene	BRL	330									
Anthracene	BRL	330									
Benz(a)anthracene	BRL	330									
Benzo(a)pyrene	BRL	330									
Benzo(b)fluoranthene	BRL	330									
Benzo(g,h,i)perylene	BRL	330									
Benzo(k)fluoranthene	BRL	330									
Chrysene	BRL	330									
Dibenz(a,h)anthracene	BRL	330									
Fluoranthene	BRL	330									
Fluorene	BRL	330									
Indeno(1,2,3-cd)pyrene	BRL	330									
Naphthalene	BRL	330									
Phenanthrene	BRL	330									
Pyrene	BRL	330									
Surr: 2-Fluorobiphenyl	1378	0	1667		82.7	55.1	120				
Surr: 4-Terphenyl-d14	1977	0	1667		119	58.3	128				
Surr: Nitrobenzene-d5	1654	0	1667		99.2	49.1	120				

Sample ID: <b>LCS-339100</b>	Client ID:	Units: <b>ug/Kg</b>	Prep Date: <b>07/06/2022</b>	Run No: <b>490590</b>							
Sample Type: <b>LCS</b>	TestCode: <b>POLYAROMATIC HYDROCARBONS SW8270E</b>	BatchID: <b>339100</b>	Analysis Date: <b>07/07/2022</b>	Seq No: <b>11437997</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1-Methylnaphthalene	1343	330	1667		80.6	67.9	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:** Mill Creek Environmental, LLC  
**Project Name:** 36 Mize Rd, Toccoa, GA  
**Workorder:** 2207136

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: 339100**

Sample ID: <b>LCS-339100</b>	Client ID:	Units: <b>ug/Kg</b>	Prep Date: <b>07/06/2022</b>	Run No: <b>490590</b>							
SampleType: <b>LCS</b>	TestCode: <b>POLYAROMATIC HYDROCARBONS SW8270E</b>	BatchID: <b>339100</b>	Analysis Date: <b>07/07/2022</b>	Seq No: <b>11437997</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

2-Methylnaphthalene	1223	330	1667		73.4	66.5	120				
Acenaphthene	1533	330	1667		92.0	68.7	120				
Acenaphthylene	1584	330	1667		95.0	70.6	120				
Anthracene	1437	330	1667		86.2	71.8	120				
Benz(a)anthracene	1555	330	1667		93.3	76.1	128				
Benzo(a)pyrene	1621	330	1667		97.3	75.2	121				
Benzo(b)fluoranthene	1626	330	1667		97.6	70.9	121				
Benzo(g,h,i)perylene	1414	330	1667		84.9	64	122				
Benzo(k)fluoranthene	1537	330	1667		92.2	72.8	119				
Chrysene	1667	330	1667		100	74.5	117				
Dibenz(a,h)anthracene	1650	330	1667		99.0	69.1	124				
Fluoranthene	1508	330	1667		90.5	72.4	122				
Fluorene	1565	330	1667		93.9	73.2	117				
Indeno(1,2,3-cd)pyrene	1491	330	1667		89.4	68.6	123				
Naphthalene	1369	330	1667		82.1	65.7	120				
Phenanthrene	1435	330	1667		86.1	73.8	120				
Pyrene	1537	330	1667		92.2	72.5	118				
Surr: 2-Fluorobiphenyl	1498	0	1667		89.9	55.1	120				
Surr: 4-Terphenyl-d14	1732	0	1667		104	58.3	128				
Surr: Nitrobenzene-d5	1873	0	1667		112	49.1	120				

Sample ID: <b>2207136-004BMS</b>	Client ID: <b>SB-02-26</b>	Units: <b>ug/Kg-dry</b>	Prep Date: <b>07/06/2022</b>	Run No: <b>490473</b>							
SampleType: <b>MS</b>	TestCode: <b>POLYAROMATIC HYDROCARBONS SW8270E</b>	BatchID: <b>339100</b>	Analysis Date: <b>07/06/2022</b>	Seq No: <b>11434123</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1-Methylnaphthalene	1431	380	1935		73.9	57.5	123				
2-Methylnaphthalene	1349	380	1935		69.7	49.5	126				
Acenaphthene	1414	380	1935		73.1	57.6	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:** Mill Creek Environmental, LLC  
**Project Name:** 36 Mize Rd, Toccoa, GA  
**Workorder:** 2207136

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: 339100**

Sample ID: <b>2207136-004BMS</b>	Client ID: <b>SB-02-26</b>	Units: <b>ug/Kg-dry</b>	Prep Date: <b>07/06/2022</b>	Run No: <b>490473</b>							
SampleType: <b>MS</b>	TestCode: <b>POLYAROMATIC HYDROCARBONS SW8270E</b>	BatchID: <b>339100</b>	Analysis Date: <b>07/06/2022</b>	Seq No: <b>11434123</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Acenaphthylene	1468	380	1935		75.8	61.2	120				
Anthracene	1646	380	1935		85.0	60.2	119				
Benz(a)anthracene	1703	380	1935		88.0	64.2	133				
Benzo(a)pyrene	1785	380	1935		92.2	61.4	128				
Benzo(b)fluoranthene	1821	380	1935		94.1	58.3	129				
Benzo(g,h,i)perylene	1688	380	1935		87.2	44	131				
Benzo(k)fluoranthene	1827	380	1935		94.4	62.2	123				
Chrysene	1811	380	1935		93.6	58.9	126				
Dibenz(a,h)anthracene	1869	380	1935		96.6	48.5	134				
Fluoranthene	1686	380	1935		87.1	57.9	132				
Fluorene	1553	380	1935		80.2	56.9	127				
Indeno(1,2,3-cd)pyrene	1764	380	1935		91.2	47.2	133				
Naphthalene	1220	380	1935		63.0	41.9	125				
Phenanthrene	1628	380	1935		84.1	53.6	129				
Pyrene	1855	380	1935		95.9	57	127				
Surr: 2-Fluorobiphenyl	1536	0	1935		79.4	55.1	120				
Surr: 4-Terphenyl-d14	1821	0	1935		94.1	58.3	128				
Surr: Nitrobenzene-d5	1398	0	1935		72.3	49.1	120				

Sample ID: <b>2207136-004BMSD</b>	Client ID: <b>SB-02-26</b>	Units: <b>ug/Kg-dry</b>	Prep Date: <b>07/06/2022</b>	Run No: <b>490473</b>							
SampleType: <b>MSD</b>	TestCode: <b>POLYAROMATIC HYDROCARBONS SW8270E</b>	BatchID: <b>339100</b>	Analysis Date: <b>07/06/2022</b>	Seq No: <b>11434126</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1-Methylnaphthalene	1235	380	1935		63.8	57.5	123	1431	14.7	22.3	
2-Methylnaphthalene	1118	380	1935		57.8	49.5	126	1349	18.7	24.1	
Acenaphthene	1445	380	1935		74.7	57.6	120	1414	2.14	22.3	
Acenaphthylene	1479	380	1935		76.4	61.2	120	1468	0.762	20.2	
Anthracene	1641	380	1935		84.8	60.2	119	1646	0.283	24.3	

<b>Qualifiers:</b>	> 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:** Mill Creek Environmental, LLC  
**Project Name:** 36 Mize Rd, Toccoa, GA  
**Workorder:** 2207136

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: 339100**

Sample ID: <b>2207136-004BMSD</b>	Client ID: <b>SB-02-26</b>	Units: <b>ug/Kg-dry</b>	Prep Date: <b>07/06/2022</b>	Run No: <b>490473</b>							
SampleType: <b>MSD</b>	TestCode: <b>POLYAROMATIC HYDROCARBONS SW8270E</b>	BatchID: <b>339100</b>	Analysis Date: <b>07/06/2022</b>	Seq No: <b>11434126</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Benz(a)anthracene	1839	380	1935		95.0	64.2	133	1703	7.63	24.2	
Benzo(a)pyrene	1897	380	1935		98.0	61.4	128	1785	6.12	25	
Benzo(b)fluoranthene	1982	380	1935		102	58.3	129	1821	8.49	26.5	
Benzo(g,h,i)perylene	1770	380	1935		91.5	44	131	1688	4.77	29.4	
Benzo(k)fluoranthene	1905	380	1935		98.4	62.2	123	1827	4.21	23.3	
Chrysene	1972	380	1935		102	58.9	126	1811	8.47	25.9	
Dibenz(a,h)anthracene	2035	380	1935		105	48.5	134	1869	8.51	25.6	
Fluoranthene	1790	380	1935		92.5	57.9	132	1686	5.95	27.2	
Fluorene	1557	380	1935		80.5	56.9	127	1553	0.299	22.2	
Indeno(1,2,3-cd)pyrene	1901	380	1935		98.2	47.2	133	1764	7.48	27.9	
Naphthalene	1029	380	1935		53.2	41.9	125	1220	17.0	21.6	
Phenanthrene	1640	380	1935		84.7	53.6	129	1628	0.734	27.7	
Pyrene	2050	380	1935		106	57	127	1855	9.95	29.4	
Surr: 2-Fluorobiphenyl	1321	0	1935		68.3	55.1	120	1536	0	0	
Surr: 4-Terphenyl-d14	2139	0	1935		111	58.3	128	1821	0	0	
Surr: Nitrobenzene-d5	1129	0	1935		58.3	49.1	120	1398	0	0	

<b>Qualifiers:</b>	>	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:** Mill Creek Environmental, LLC  
**Project Name:** 36 Mize Rd, Toccoa, GA  
**Workorder:** 2207136

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: 339104**

Sample ID: <b>MB-339104</b>	Client ID:	Units: <b>ug/Kg</b>	Prep Date: <b>07/05/2022</b>	Run No: <b>490294</b>							
SampleType: <b>MBLK</b>	TestCode: <b>TCL VOLATILE ORGANICS SW8260D</b>	BatchID: <b>339104</b>	Analysis Date: <b>07/05/2022</b>	Seq No: <b>11427256</b>							
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									

<b>Qualifiers:</b>	>	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:** Mill Creek Environmental, LLC  
**Project Name:** 36 Mize Rd, Toccoa, GA  
**Workorder:** 2207136

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: 339104**

Sample ID: <b>MB-339104</b>	Client ID:	Units: <b>ug/Kg</b>	Prep Date: <b>07/05/2022</b>	Run No: <b>490294</b>							
SampleType: <b>MBLK</b>	TestCode: <b>TCL VOLATILE ORGANICS SW8260D</b>	BatchID: <b>339104</b>	Analysis Date: <b>07/05/2022</b>	Seq No: <b>11427256</b>							
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	41.46	0	50.00		82.9	63	123				
Surr: Dibromofluoromethane	51.13	0	50.00		102	72	132				
Surr: Toluene-d8	48.24	0	50.00		96.5	70	128				

<b>Qualifiers:</b>	>	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:** Mill Creek Environmental, LLC  
**Project Name:** 36 Mize Rd, Toccoa, GA  
**Workorder:** 2207136

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: 339104**

Sample ID: <b>LCS-339104</b>	Client ID:	Units: <b>ug/Kg</b>	Prep Date: <b>07/05/2022</b>	Run No: <b>490294</b>							
SampleType: <b>LCS</b>	TestCode: <b>TCL VOLATILE ORGANICS SW8260D</b>	BatchID: <b>339104</b>	Analysis Date: <b>07/05/2022</b>	Seq No: <b>11427257</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	52.88	5.0	50.00		106	70	130				
Benzene	51.08	5.0	50.00		102	70	130				
Chlorobenzene	49.86	5.0	50.00		99.7	70	130				
Toluene	50.82	5.0	50.00		102	70	130				
Trichloroethene	49.17	5.0	50.00		98.3	70	130				
Surr: 4-Bromofluorobenzene	50.20	0	50.00		100	63	123				
Surr: Dibromofluoromethane	49.64	0	50.00		99.3	72	132				
Surr: Toluene-d8	51.72	0	50.00		103	70	128				

Sample ID: <b>2207112-001AMS</b>	Client ID:	Units: <b>ug/Kg-dry</b>	Prep Date: <b>07/05/2022</b>	Run No: <b>490294</b>							
SampleType: <b>MS</b>	TestCode: <b>TCL VOLATILE ORGANICS SW8260D</b>	BatchID: <b>339104</b>	Analysis Date: <b>07/05/2022</b>	Seq No: <b>11428928</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	39.37	4.7	46.81		84.1	55.6	135				
Benzene	35.95	4.7	46.81		76.8	55.2	133				
Chlorobenzene	35.60	4.7	46.81		76.0	60.2	127				
Toluene	35.43	4.7	46.81		75.7	60.2	132				
Trichloroethene	33.89	4.7	46.81		72.4	60	132				
Surr: 4-Bromofluorobenzene	46.88	0	46.81		100	63	123				
Surr: Dibromofluoromethane	48.65	0	46.81		104	72	132				
Surr: Toluene-d8	49.07	0	46.81		105	70	128				

Sample ID: <b>2207112-002ADUP</b>	Client ID:	Units: <b>ug/Kg-dry</b>	Prep Date: <b>07/05/2022</b>	Run No: <b>490294</b>							
SampleType: <b>DUP</b>	TestCode: <b>TCL VOLATILE ORGANICS SW8260D</b>	BatchID: <b>339104</b>	Analysis Date: <b>07/05/2022</b>	Seq No: <b>11430280</b>							
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	6.1						0	0	20	
1,1,2,2-Tetrachloroethane	BRL	6.1						0	0	20	

**Qualifiers:**

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

**Client:** Mill Creek Environmental, LLC  
**Project Name:** 36 Mize Rd, Toccoa, GA  
**Workorder:** 2207136

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: 339104**

Sample ID: <b>2207112-002ADUP</b>	Client ID:	Units: <b>ug/Kg-dry</b>	Prep Date: <b>07/05/2022</b>	Run No: <b>490294</b>
SampleType: <b>DUP</b>	TestCode: <b>TCL VOLATILE ORGANICS SW8260D</b>	BatchID: <b>339104</b>	Analysis Date: <b>07/05/2022</b>	Seq No: <b>11430280</b>

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1,2-Trichloroethane	BRL	6.1						0	0	20	
1,1-Dichloroethane	BRL	6.1						0	0	20	
1,1-Dichloroethene	BRL	6.1						0	0	20	
1,2,4-Trichlorobenzene	BRL	6.1						0	0	20	
1,2-Dibromo-3-chloropropane	BRL	6.1						0	0	20	
1,2-Dibromoethane	BRL	6.1						0	0	20	
1,2-Dichlorobenzene	BRL	6.1						0	0	20	
1,2-Dichloroethane	BRL	6.1						0	0	20	
1,2-Dichloropropane	BRL	6.1						0	0	20	
1,3-Dichlorobenzene	BRL	6.1						0	0	20	
1,4-Dichlorobenzene	BRL	6.1						0	0	20	
2-Butanone	BRL	61						0	0	20	
2-Hexanone	BRL	12						0	0	20	
4-Methyl-2-pentanone	BRL	12						0	0	20	
Acetone	BRL	120						0	0	20	
Benzene	BRL	6.1						0	0	20	
Bromodichloromethane	BRL	6.1						0	0	20	
Bromoform	BRL	6.1						0	0	20	
Bromomethane	BRL	6.1						0	0	20	
Carbon disulfide	BRL	12						0	0	20	
Carbon tetrachloride	BRL	6.1						0	0	20	
Chlorobenzene	BRL	6.1						0	0	20	
Chloroethane	BRL	12						0	0	20	
Chloroform	BRL	6.1						0	0	20	
Chloromethane	BRL	12						0	0	20	
cis-1,2-Dichloroethene	BRL	6.1						0	0	20	
cis-1,3-Dichloropropene	BRL	6.1						0	0	20	

<b>Qualifiers:</b>	>	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:** Mill Creek Environmental, LLC  
**Project Name:** 36 Mize Rd, Toccoa, GA  
**Workorder:** 2207136

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: 339104**

Sample ID: <b>2207112-002ADUP</b>	Client ID:	Units: <b>ug/Kg-dry</b>	Prep Date: <b>07/05/2022</b>	Run No: <b>490294</b>							
SampleType: <b>DUP</b>	TestCode: <b>TCL VOLATILE ORGANICS SW8260D</b>	BatchID: <b>339104</b>	Analysis Date: <b>07/05/2022</b>	Seq No: <b>11430280</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Cyclohexane	BRL	6.1						0	0	20	
Dibromochloromethane	BRL	6.1						0	0	20	
Dichlorodifluoromethane	BRL	12						0	0	20	
Ethylbenzene	BRL	6.1						0	0	20	
Freon-113	BRL	12						0	0	20	
Isopropylbenzene	BRL	6.1						0	0	20	
m,p-Xylene	BRL	6.1						0	0	20	
Methyl acetate	BRL	6.1						0	0	20	
Methyl tert-butyl ether	BRL	6.1						0	0	20	
Methylcyclohexane	BRL	6.1						0	0	20	
Methylene chloride	BRL	25						0	0	20	
o-Xylene	BRL	6.1						0	0	20	
Styrene	BRL	6.1						0	0	20	
Tetrachloroethene	BRL	6.1						0	0	20	
Toluene	BRL	6.1						0	0	20	
trans-1,2-Dichloroethene	BRL	6.1						0	0	20	
trans-1,3-Dichloropropene	BRL	6.1						0	0	20	
Trichloroethene	BRL	6.1						0	0	20	
Trichlorofluoromethane	BRL	6.1						0	0	20	
Vinyl chloride	BRL	12						0	0	20	
Surr: 4-Bromofluorobenzene	50.72	0	61.49		82.5	63	123	48.94	0	0	
Surr: Dibromofluoromethane	64.04	0	61.49		104	72	132	60.43	0	0	
Surr: Toluene-d8	60.05	0	61.49		97.7	70	128	58.63	0	0	

<b>Qualifiers:</b>	>	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:** Mill Creek Environmental, LLC  
**Project Name:** 36 Mize Rd, Toccoa, GA  
**Workorder:** 2207136

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: 339111**

Sample ID: <b>MB-339111</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>07/02/2022</b>	Run No: <b>490306</b>							
SampleType: <b>MBLK</b>	TestCode: <b>TCL VOLATILE ORGANICS SW8260D</b>	BatchID: <b>339111</b>	Analysis Date: <b>07/02/2022</b>	Seq No: <b>11427586</b>							
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									

<b>Qualifiers:</b>	>	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:** Mill Creek Environmental, LLC  
**Project Name:** 36 Mize Rd, Toccoa, GA  
**Workorder:** 2207136

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: 339111**

Sample ID: <b>MB-339111</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>07/02/2022</b>	Run No: <b>490306</b>							
SampleType: <b>MBLK</b>	TestCode: <b>TCL VOLATILE ORGANICS SW8260D</b>	BatchID: <b>339111</b>	Analysis Date: <b>07/02/2022</b>	Seq No: <b>11427586</b>							
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	50.52	0	50.00		101	75	118				
Surr: Dibromofluoromethane	49.01	0	50.00		98.0	82.5	121				
Surr: Toluene-d8	49.55	0	50.00		99.1	78.3	118				

<b>Qualifiers:</b>	>	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:** Mill Creek Environmental, LLC  
**Project Name:** 36 Mize Rd, Toccoa, GA  
**Workorder:** 2207136

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: 339111**

Sample ID: <b>LCS-339111</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>07/02/2022</b>	Run No: <b>490306</b>							
SampleType: <b>LCS</b>	TestCode: <b>TCL VOLATILE ORGANICS SW8260D</b>	BatchID: <b>339111</b>	Analysis Date: <b>07/02/2022</b>	Seq No: <b>11427587</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	18.42	5.0	20.00		92.1	71	130				
Benzene	21.06	5.0	20.00		105	80.4	126				
Chlorobenzene	20.38	5.0	20.00		102	81	120				
Toluene	20.80	5.0	20.00		104	79.2	124				
Trichloroethene	20.23	5.0	20.00		101	78.4	125				
Surr: 4-Bromofluorobenzene	52.96	0	50.00		106	75	118				
Surr: Dibromofluoromethane	48.87	0	50.00		97.7	82.5	121				
Surr: Toluene-d8	51.66	0	50.00		103	78.3	118				

Sample ID: <b>2207127-001AMS</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>07/02/2022</b>	Run No: <b>490306</b>							
SampleType: <b>MS</b>	TestCode: <b>TCL VOLATILE ORGANICS SW8260D</b>	BatchID: <b>339111</b>	Analysis Date: <b>07/06/2022</b>	Seq No: <b>11434922</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	180.5	50	200.0		90.2	67.6	143				
Benzene	210.6	50	200.0		105	70.5	136				
Chlorobenzene	204.4	50	200.0		102	77.1	133				
Toluene	211.2	50	200.0		106	66.4	140				
Trichloroethene	531.6	50	200.0	306.5	113	75.1	140				
Surr: 4-Bromofluorobenzene	519.1	0	500.0		104	75	118				
Surr: Dibromofluoromethane	475.6	0	500.0		95.1	82.5	121				
Surr: Toluene-d8	506.8	0	500.0		101	78.3	118				

Sample ID: <b>2207127-001AMSD</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>07/02/2022</b>	Run No: <b>490306</b>							
SampleType: <b>MSD</b>	TestCode: <b>TCL VOLATILE ORGANICS SW8260D</b>	BatchID: <b>339111</b>	Analysis Date: <b>07/06/2022</b>	Seq No: <b>11434929</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	170.9	50	200.0		85.4	67.6	143	180.5	5.46	19.6	
Benzene	208.4	50	200.0		104	70.5	136	210.6	1.05	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:** Mill Creek Environmental, LLC  
**Project Name:** 36 Mize Rd, Toccoa, GA  
**Workorder:** 2207136

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: 339111**

Sample ID: <b>2207127-001AMSD</b>	Client ID:	Units: <b>ug/L</b>	Prep Date: <b>07/02/2022</b>	Run No: <b>490306</b>
SampleType: <b>MSD</b>	TestCode: <b>TCL VOLATILE ORGANICS SW8260D</b>	BatchID: <b>339111</b>	Analysis Date: <b>07/06/2022</b>	Seq No: <b>11434929</b>

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chlorobenzene	199.8	50	200.0		99.9	77.1	133	204.4	2.28	20	
Toluene	199.2	50	200.0		99.6	66.4	140	211.2	5.85	20	
Trichloroethene	519.5	50	200.0	306.5	106	75.1	140	531.6	2.30	20	
Surr: 4-Bromofluorobenzene	517.2	0	500.0		103	75	118	519.1	0	0	
Surr: Dibromofluoromethane	479.4	0	500.0		95.9	82.5	121	475.6	0	0	
Surr: Toluene-d8	501.6	0	500.0		100	78.3	118	506.8	0	0	

<b>Qualifiers:</b>	>	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:** Mill Creek Environmental, LLC  
**Project Name:** 36 Mize Rd, Toccoa, GA  
**Workorder:** 2207136

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: 339185**

Sample ID: <b>MB-339185</b>	Client ID:	Units: <b>ug/Kg</b>	Prep Date: <b>07/06/2022</b>	Run No: <b>490403</b>							
SampleType: <b>MBLK</b>	TestCode: <b>TCL VOLATILE ORGANICS SW8260D</b>	BatchID: <b>339185</b>	Analysis Date: <b>07/06/2022</b>	Seq No: <b>11430932</b>							
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									

<b>Qualifiers:</b>	>	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:** Mill Creek Environmental, LLC  
**Project Name:** 36 Mize Rd, Toccoa, GA  
**Workorder:** 2207136

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: 339185**

Sample ID: <b>MB-339185</b>	Client ID:	Units: <b>ug/Kg</b>	Prep Date: <b>07/06/2022</b>	Run No: <b>490403</b>							
SampleType: <b>MBLK</b>	TestCode: <b>TCL VOLATILE ORGANICS SW8260D</b>	BatchID: <b>339185</b>	Analysis Date: <b>07/06/2022</b>	Seq No: <b>11430932</b>							
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	40.95	0	50.00		81.9	63	123				
Surr: Dibromofluoromethane	52.11	0	50.00		104	72	132				
Surr: Toluene-d8	46.93	0	50.00		93.9	70	128				

<b>Qualifiers:</b>	>	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:** Mill Creek Environmental, LLC  
**Project Name:** 36 Mize Rd, Toccoa, GA  
**Workorder:** 2207136

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: 339185**

Sample ID: <b>LCS-339185</b>	Client ID:	Units: <b>ug/Kg</b>	Prep Date: <b>07/06/2022</b>	Run No: <b>490403</b>							
SampleType: <b>LCS</b>	TestCode: <b>TCL VOLATILE ORGANICS SW8260D</b>	BatchID: <b>339185</b>	Analysis Date: <b>07/06/2022</b>	Seq No: <b>11430933</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	53.67	5.0	50.00		107	70	130				
Benzene	51.40	5.0	50.00		103	70	130				
Chlorobenzene	50.16	5.0	50.00		100	70	130				
Toluene	50.75	5.0	50.00		102	70	130				
Trichloroethene	49.45	5.0	50.00		98.9	70	130				
Surr: 4-Bromofluorobenzene	50.19	0	50.00		100	63	123				
Surr: Dibromofluoromethane	50.81	0	50.00		102	72	132				
Surr: Toluene-d8	50.90	0	50.00		102	70	128				

Sample ID: <b>2207136-003AMS</b>	Client ID: <b>SB-02-15</b>	Units: <b>ug/Kg-dry</b>	Prep Date: <b>07/06/2022</b>	Run No: <b>490403</b>							
SampleType: <b>MS</b>	TestCode: <b>TCL VOLATILE ORGANICS SW8260D</b>	BatchID: <b>339185</b>	Analysis Date: <b>07/06/2022</b>	Seq No: <b>11433853</b>							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	42.93	4.4	44.30		96.9	55.6	135				
Benzene	43.01	4.4	44.30		97.1	55.2	133				
Chlorobenzene	41.93	4.4	44.30		94.6	60.2	127				
Toluene	43.65	4.4	44.30		98.5	60.2	132				
Trichloroethene	43.33	4.4	44.30		97.8	60	132				
Surr: 4-Bromofluorobenzene	45.80	0	44.30		103	63	123				
Surr: Dibromofluoromethane	42.80	0	44.30		96.6	72	132				
Surr: Toluene-d8	45.44	0	44.30		103	70	128				

Sample ID: <b>2206S21-002ADUP</b>	Client ID:	Units: <b>ug/Kg-dry</b>	Prep Date: <b>07/06/2022</b>	Run No: <b>490403</b>							
SampleType: <b>DUP</b>	TestCode: <b>TCL VOLATILE ORGANICS SW8260D</b>	BatchID: <b>339185</b>	Analysis Date: <b>07/06/2022</b>	Seq No: <b>11433860</b>							
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	4.6						0	0	20	
1,1,2,2-Tetrachloroethane	BRL	4.6						0	0	20	

**Qualifiers:**

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

**Client:** Mill Creek Environmental, LLC  
**Project Name:** 36 Mize Rd, Toccoa, GA  
**Workorder:** 2207136

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: 339185**

Sample ID: <b>2206S21-002ADUP</b>	Client ID:	Units: <b>ug/Kg-dry</b>	Prep Date: <b>07/06/2022</b>	Run No: <b>490403</b>
SampleType: <b>DUP</b>	TestCode: <b>TCL VOLATILE ORGANICS SW8260D</b>	BatchID: <b>339185</b>	Analysis Date: <b>07/06/2022</b>	Seq No: <b>11433860</b>

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1,2-Trichloroethane	BRL	4.6						0	0	20	
1,1-Dichloroethane	BRL	4.6						0	0	20	
1,1-Dichloroethene	BRL	4.6						0	0	20	
1,2,4-Trichlorobenzene	BRL	4.6						0	0	20	
1,2-Dibromo-3-chloropropane	BRL	4.6						0	0	20	
1,2-Dibromoethane	BRL	4.6						0	0	20	
1,2-Dichlorobenzene	BRL	4.6						0	0	20	
1,2-Dichloroethane	BRL	4.6						0	0	20	
1,2-Dichloropropane	BRL	4.6						0	0	20	
1,3-Dichlorobenzene	BRL	4.6						0	0	20	
1,4-Dichlorobenzene	BRL	4.6						0	0	20	
2-Butanone	BRL	46						0	0	20	
2-Hexanone	BRL	9.3						0	0	20	
4-Methyl-2-pentanone	BRL	9.3						0	0	20	
Acetone	BRL	93						0	0	20	
Benzene	BRL	4.6						0	0	20	
Bromodichloromethane	BRL	4.6						0	0	20	
Bromoform	BRL	4.6						0	0	20	
Bromomethane	BRL	4.6						0	0	20	
Carbon disulfide	BRL	9.3						0	0	20	
Carbon tetrachloride	BRL	4.6						0	0	20	
Chlorobenzene	BRL	4.6						0	0	20	
Chloroethane	BRL	9.3						0	0	20	
Chloroform	BRL	4.6						0	0	20	
Chloromethane	BRL	9.3						0	0	20	
cis-1,2-Dichloroethene	BRL	4.6						0	0	20	
cis-1,3-Dichloropropene	BRL	4.6						0	0	20	

<b>Qualifiers:</b>	>	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:** Mill Creek Environmental, LLC  
**Project Name:** 36 Mize Rd, Toccoa, GA  
**Workorder:** 2207136

**ANALYTICAL QC SUMMARY REPORT**

**BatchID: 339185**

Sample ID: <b>2206S21-002ADUP</b>	Client ID:	Units: <b>ug/Kg-dry</b>	Prep Date: <b>07/06/2022</b>	Run No: <b>490403</b>
SampleType: <b>DUP</b>	TestCode: <b>TCL VOLATILE ORGANICS SW8260D</b>	BatchID: <b>339185</b>	Analysis Date: <b>07/06/2022</b>	Seq No: <b>11433860</b>

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Cyclohexane	BRL	4.6						0	0	20	
Dibromochloromethane	BRL	4.6						0	0	20	
Dichlorodifluoromethane	BRL	9.3						0	0	20	
Ethylbenzene	BRL	4.6						0	0	20	
Freon-113	BRL	9.3						0	0	20	
Isopropylbenzene	BRL	4.6						0	0	20	
m,p-Xylene	BRL	4.6						0	0	20	
Methyl acetate	BRL	4.6						0	0	20	
Methyl tert-butyl ether	BRL	4.6						0	0	20	
Methylcyclohexane	BRL	4.6						0	0	20	
Methylene chloride	BRL	19						0	0	20	
o-Xylene	BRL	4.6						0	0	20	
Styrene	BRL	4.6						0	0	20	
Tetrachloroethene	BRL	4.6						0	0	20	
Toluene	BRL	4.6						0	0	20	
trans-1,2-Dichloroethene	BRL	4.6						0	0	20	
trans-1,3-Dichloropropene	BRL	4.6						0	0	20	
Trichloroethene	BRL	4.6						0	0	20	
Trichlorofluoromethane	BRL	4.6						0	0	20	
Vinyl chloride	BRL	9.3						0	0	20	
Surr: 4-Bromofluorobenzene	45.88	0	46.28		99.1	63	123	58.00	0	0	
Surr: Dibromofluoromethane	43.79	0	46.28		94.6	72	132	54.92	0	0	
Surr: Toluene-d8	45.41	0	46.28		98.1	70	128	56.93	0	0	

<b>Qualifiers:</b>	>	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		

End of Report