

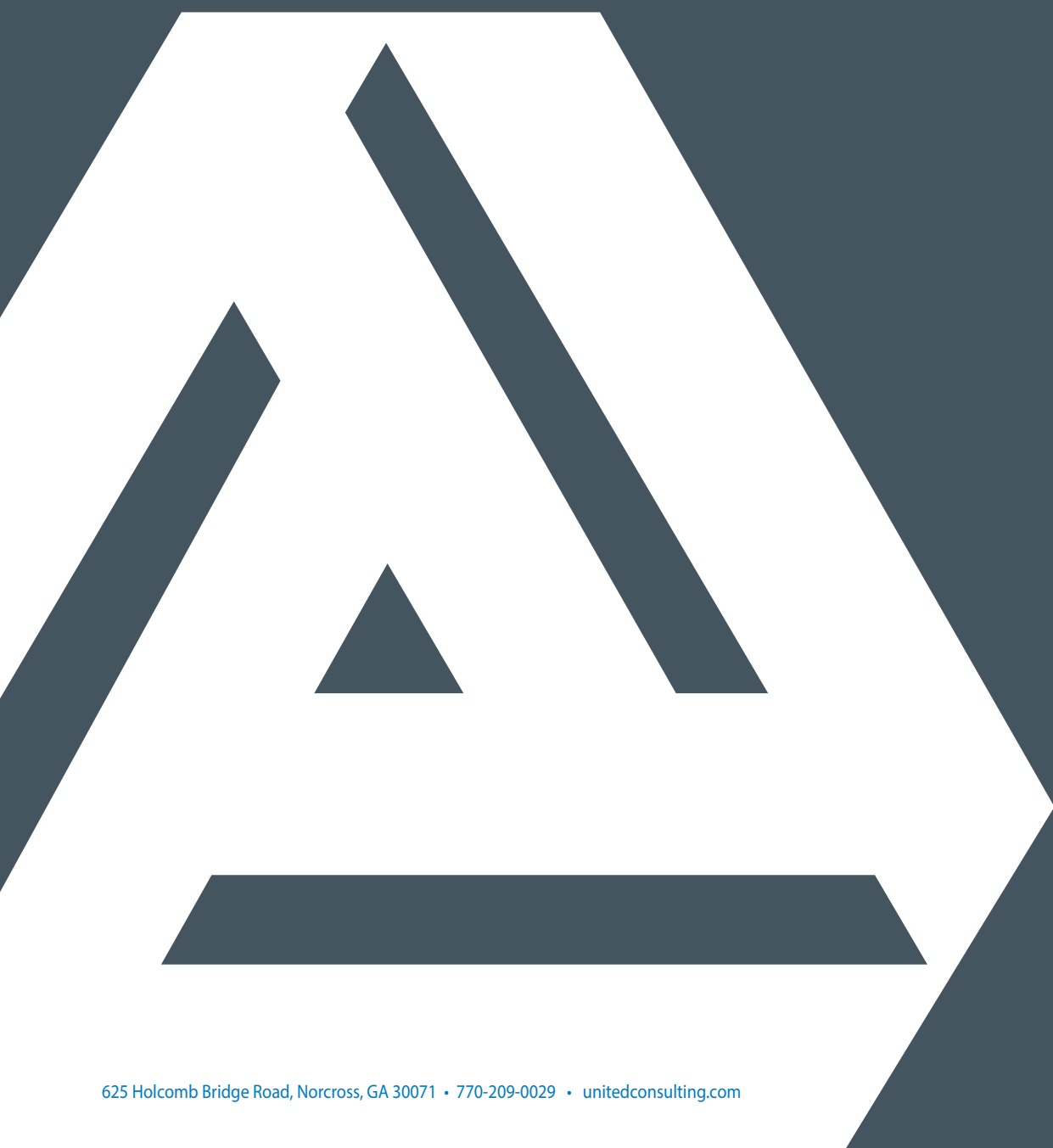


UNITED
CONSULTING

REPORT

For
Atlanta BeltLine, Inc.

Phase II Environmental Assessment
Atlanta BeltLine – Northeast Trail
Section from GA-13 to Plasters Ave
STA. 148+00 to STA. 158+00 and
STA. 403+00 to STA. 501+00
Atlanta, Fulton County, Georgia



December 17, 2021

Atlanta BeltLine, Inc.

c/o

Mr. Sean Johnston, P.E.
Vice President

Kimley-Horn
817 West Peachtree Street NW
The Biltmore Suite 601
Atlanta, Georgia 30308

Via Email: Sean.Johnston@kimley-horn.com

RE: Report of Phase II Environmental Assessment
Atlanta BeltLine – Northeast Trail (portions of)
Section from GA-13 to Plasters Avenue
STA. 148+00 to STA. 158+00 and STA. 403+00 to STA. 501+00
Atlanta, Fulton County, Georgia
Project No.: KMHRN-21-GA-05802-01

Dear Mr. Johnston:

United Consulting is pleased to submit this report of our Phase II Environmental Assessment for the above-referenced site (hereinafter referred to as the Project Site). We appreciate the opportunity to assist you with this project and look forward to our continued participation. Please contact us if you have any questions or if we can be of further assistance.

UNITED CONSULTING



Brandon W. Sharp
Staff Engineer



Russell C. Griebel, P.G., C.P.G.
Executive Vice President/Chief Consultant

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SharePoint: KMHRN-21-GA-05802-01.ea2

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1.0 EXECUTIVE SUMMARY¹

United Consulting has completed a Phase II Environmental Assessment on the **Atlanta BeltLine Northeast Trail (portions of)** site, located in Atlanta, Fulton County, Georgia. This property is hereinafter referred to in this report as the Project Site. The results from this investigation are briefly summarized below. The text of the report should be reviewed for a discussion of these items.

- The assessment was conducted to collect samples in accordance with the EPD approved Corrective Action Plan (CAP) Amendment #2 on portions of the Atlanta BeltLine Northeast Trail corridor which were not previously included within Appendix D therein.
- This assessment included advancing eight direct push borings on the Project Site to facilitate soil and/or groundwater sampling. The locations and spacing of these borings along the corridor were consistent with the methodologies detailed within CAP Amendment #2, as utilized on other portions of the Atlanta BeltLine. Due to drilling refusal prior to encountering groundwater in three of these borings (UCMW-2, UCMW-3, and UCMW-4), a deeper soil sample was collected in lieu of groundwater. Soils collected during the drilling operations were screened with an organic vapor monitor (OVM); however, elevated readings were not encountered in the screened soils. The soil and groundwater samples collected from the Project Site were analyzed for volatile organic compounds (VOCs), semi-VOCs (SVOCs), and Resource Conservation and Recovery Act (RCRA) metals, including total and dissolved analyses for groundwater.
- Several SVOCs and RCRA metals (arsenic, barium, chromium, and lead) were variously detected in the samples collected from the Project Site. However, no constituent detections were identified in exceedance of their respective non-residential Type 3 risk reduction standards (RRSs), as approved within CAP Amendment #2. Barium and chromium were variously detected in the groundwater samples submitted for metals analyses; however, these detections were below regulatory standards and do not appear to indicate a metals release to groundwater.
- Based on the detected concentrations of SVOCs and RCRA metals, no constituents were identified in exceedance of their approved Type 3 RRS. Therefore, no soil corrective actions are required in the areas tested.
- The Project Site, and other nearby sections of the Northeast Trail, are slated for final trail construction. Across these areas, a Type 5 RRS approach for arsenic is being applied. As such, site work activities are to be completed in accordance with a site-specific soil management plan (being submitted under separate cover), and the CAP, as amended. This will include a provision for additional analytical testing to certify compliance with the approved non-residential Type 5 RRS for arsenic, as demonstrated through composite sampling and following final grading operations.

¹ This Executive Summary is not intended to be used or relied upon without reference to the entire report and cannot otherwise be properly understood and interpreted. It is provided solely for the convenience of the Client and not as a substitute for the report or review of the report.

2.0 INTRODUCTION

2.1 Site Location

The Project Site consisted of a portion of the future Atlanta BeltLine Northeast Trail (NE Trail), generally situated between GA-13 (Buford Spring Connector) and Plasters Avenue (approximately from STA. 148+00 to STA. 158+00 and STA. 403+00 to STA. 501+00) in Atlanta, Fulton County Georgia. The general location of the Project Site is illustrated on Figures 1A and 1B. The most current aerial photograph of the Project Site, as obtained from Google Earth, is exhibited below for reference.

Exhibit 1 – Aerial Photograph of Project Site



2.2 Purpose

United Consulting was retained by **Kimley-Horn** to perform a Phase II Environmental Assessment (Phase II) on the Project Site. The purpose of this Phase II was to conduct sampling in accordance with the EPD approved CAP Amendment #2, by MACTEC and dated April 23, 2015, on portions of the NE Trail corridor which were not included within Appendix D therein. The supplemental characterization sampling would be reviewed to determine if possible corrective action would be warranted under the EPD approved CAP, as amended, for the overall Atlanta BeltLine corridor.

2.3 Scope of Work

The scope of this assessment included the following items as outlined in our October 22, 2019, proposal. The general scope of this proposal included;

- Advancing eight (8) direct push borings across the Project Site to facilitate soil and/or groundwater sampling.
- Collecting soil samples at approximate five-foot intervals below the existing ground surface from the borings, and screening the soil samples for organic vapors with a Multi gas monitoring instrument (MultiRAE);
- Obtaining and submitting five groundwater samples via Screen Point for the analysis of volatile organic compounds (VOCs), semi-VOCs (SVOCs), and Resource Conservation and Recovery Act metals (RCRA metals). Further, one duplicate groundwater sample for SVOCs only;
- Obtaining and submitting one soil sample from each of the eight (8) direct push borings, for the analysis of VOCs, SVOCs, and RCRA metals. Further, one duplicate soil sample for RCRA metals only;
- Collecting quality control (QC) samples which were submitted for laboratory analysis of VOCs by EPA method 8260; and
- Preparing this report to document the results of the subsurface investigation, analytical test results, and to provide United Consulting's professional opinion of the environmental conditions of the Project Site.

2.3.1 Modifications to Scope

Based on conditions encountered at the Project Site, the following modifications were made to the scope of services:

- Direct push activities were hindered in multiple locations due to the presence of partially weathered rock and/or rock. Solid stem augers were advanced in an additional attempt to reach the groundwater table in some areas. Auger refusal was encountered at or near original direct push refusal depths. In areas of refusal (i.e., three locations), a deeper soil sample was collected in lieu of groundwater.

3.0 BACKGROUND

3.1 Site History

The Atlanta BeltLine is a comprehensive urban redevelopment initiative within in the City of Atlanta, aimed at connecting approximately 22 miles of historical rail corridors which encircle metropolitan Atlanta by way of multi-use pedestrian trails, greenspace, and future light rail transit. Based on the scale of the undertaking, several portions of the Atlanta BeltLine have been completed since initial groundbreaking milestones in 2008.

As such, the Project Site is part of a planned expansion of the overall Atlanta BeltLine NE Trail, which extends from the recently completed (April 2021) Segment 2 of the NE Trail. Currently the Project Site consists of an interim gravel trail situated along the former railway corridor, beginning near GA-13 (Buford Spring Connector) and continues northward to Mayson Street NE and then eastward towards its intersection with Plasters Avenue NE.

Based on previous environmental site assessments conducted the Atlanta BeltLine corridor, portions of the trail were enrolled into the Georgia Brownfield Program. On December 29, 2004, six of these separate Prospective Purchaser Corrective Action Plans (PPCAPs/CAPs) were approved by the EPD as collectively regarded as the “Northeast Corridor”. Since initial enrollment, several Amendments to the CAP have been submitted to address impacts identified along the corridor, notably associated with its historical railway operation.

In April 2011, CAP Amendment #2 was approved by the EPD, which detailed the prescribed sampling methodology, risk reduction standards, and corrective action approach for each additional segment of the Atlanta BeltLine, as separated into site-specific Appendices therein. As such, Appendix D to CAP Amendment #2 concerns the NE Trail, which extends from Piedmont Park northward to the Buford Spring Connector. However, from the scope of sampling initially included in Appendix D to CAP Amendment #2, various portions of the current alignment of the NE Trail were excluded, including that of the Project Site.

3.2 Chemicals of Concern

Based on the results of numerous environmental site assessments performed on various portions of the Atlanta BeltLine, including portions of the NE Trail to the immediate south of the Project Site, the analytical testing suite for this Phase II included VOCs, SVOCs, and RCRA metals.

4.0 SITE GEOLOGY AND HYDROGEOLOGY

The topography, geology and hydrogeology commonly control the migration of chemicals released at a site/facility. The relative location of the properties will often define their potential interaction and hydraulic connection. The description of the physical setting for the Project Site is provided below, starting with the topography and geology. The estimated surface water and groundwater flow directions are then estimated and described.

4.1 Topography and Geology

The Project Site is located in the Piedmont Physiographic Province of Georgia, which is characterized by medium- to high-grade metamorphic rocks and scattered igneous intrusions. Topography in the province is variable and ranges from gently rolling hills in the south to moderate to steep hills in the north. Based on the United States Geological Survey (USGS) 7.5-minute topographic quadrangle maps of the area, *Southwest Atlanta, Georgia, 2017* elevations in the vicinity of the Project Site range from approximately 840 feet above mean sea level (ft amsl) to approximately 900 ft amsl. Elevations at the Project Site ranged from approximately 845 to 890 ft amsl. Figure 2 shows the topography of the Project Site and surrounding areas.

The metamorphic rocks comprising the Piedmont were formed when older “parent” rocks were subjected to high temperatures and/or pressures during regional metamorphism that occurred during the creation of the Appalachian Mountains. The same high temperatures and pressures also caused some “parent” rocks to fully melt and subsequently re-crystallize as intrusive igneous rocks. According to the *Geologic Map of Georgia*, the rock types underlying the Project Site have been mapped as Mica Schist / Gneiss / Amphibolite (Precambrian-Paleozoic) and Granite Gneiss / Amphibolite (Precambrian-Paleozoic).

4.2 Groundwater Flow

In the Piedmont Physiographic Province, the upper groundwater zone is located in residual soils, which is underlain by bedrock. Groundwater flow in the upper zone is generally unconfined. Rock flow in this region is generally contained in joints, fractures and other openings in bedrock and the pore spaces in the overlying residual soil. Groundwater recharge occurs by seepage of water through the soil and/or rock or by flowing directly into openings in outcropping rock. The primary source of recharge water is from precipitation that falls in the area but can also originate from river discharge during dry periods. The movement of groundwater typically follows the original surface topography, moving from hilltops and uplands to stream valleys. The water table is generally 30 to 100 feet below ground surface (ft bgs) on hilltops and hillsides but is at or near the ground surface in stream valleys and draws. In this type of geologic setting, the direction of groundwater flow can be anticipated to generally conform to that of the surface water.

Based on the USGS topographic map of the area, groundwater below the Project Site is generally anticipated to flow to the northwest and/or west in the vicinity of borings UCMW-1 through UCMW-4, to the southwest/south in the vicinity of UCMW-5.

4.3 Subsurface Conditions

Fill soils were encountered in some borings, with depths ranging from approximately 0 ft bgs to 17 ft bgs and generally consisted of clayey silts, sandy silts, and silty sands with areas containing apparent railroad ballast and some possible slag materials. In some borings, residual soils were encountered below these fill materials, and generally consisted of sandy silts, silty clays, and silty sands with varying amounts of clay and mica.

Groundwater levels varied from approximately 20 to 35 feet bgs at the time of drilling operations at the boring locations UCMW-1 and UCMW-5. A more detailed description of the subsurface conditions encountered is provided on the Boring Logs included in Appendix A.

5.0 INVESTIGATION

5.1 Overview

The investigation included advancing direct push borings, UCSB-1 through UCSB-3 and UCMW-1 through UCMW-5 on the Project Site for soil and/or groundwater sampling. Due to refusal on top of partially weathered rock and/or rock in three of these borings (UCMW-2, UCMW-3, and UCMW-4), a deeper soil sample was collected in lieu of groundwater. One soil sample each was collected from the remaining borings for analytical testing, for a total of twelve soil samples including one duplicate sample (for RCRA metals only).

In accordance with the approved sampling methodology, as detailed within CAP Amendment #2 and similar to other portions of the Atlanta BeltLine, the locations of these eight borings (along the approximate 1,500 linear-foot Project Site) were spaced at approximately between 200-foot intervals, as the general area of the Project Site is predominantly non-residential. As allowable based on known utilities and site conditions/access limitations, each of these borings were further advanced in an alternating pattern to assess conditions relative to the centerline and shoulders of the trail corridor. The locations of these soil borings and/or groundwater sampling locations are illustrated on Figure 3.

Decontamination was performed and Chain of Custody was maintained, as discussed in the Quality Control section of the report. Sampling at the site was conducted in general accordance with the United States Environmental Protection Agency's (EPA's), current Field Branches Quality System and Technical Procedures. These procedures are on the internet at EPA's website: <http://www.epa.gov/region4/sesd/fbqstp/index.html>.

5.2 Drilling

The direct push probe activities were conducted at the Project Site on November 8 and November 9, 2021. The direct push borings were advanced using a track-mounted GeoProbe® 6610DT, direct push drilling machine. A GeoProbe® is a hydraulically-powered, percussion/probing machine designed specifically for use in the environmental industry. Soil probing techniques can be thought of as a subcategory of what are commonly referred to as Direct Push techniques. Direct Push refers to tools and sensors that are hydraulically pushed into the ground without the use of rotary drilling to remove soil or to make a path for the sampling tool. In select areas where Direct Push techniques encountered refusal, solid stem augers were utilized in a further attempt to reach the groundwater table.

As a conservative measure and due to the sensitivity of potential damage to nearby utilities, hand auger boring was conducted at various borings (within the upper four feet) during the aforementioned mobilizations. These hand auger borings were advanced utilizing a three and one quarter inch diameter auger bucket, which was cleaned between each sampling location.

5.3 Installations

5.3.1 Screen Point / Temporary Monitoring Wells

Groundwater sampling was either via the direct push “Screen Point” sampling method or the installation of temporary monitoring well pipe.

Boring UCMW-1 was converted into a temporary monitoring well to facilitate groundwater sampling. Specifically, UCMW-1 was converted into a 1-inch diameter, polyvinyl chloride (PVC), temporary monitoring well following completion of the drilling activities at the location. The well pipe was set at a depth of 25 feet bgs and equipped with a 10-foot section of number 10 (0.010-inch) slot size well screen. At the time of drilling, the well intercepted the groundwater table. A sand pack was then placed around the well screen pipe and probe hole annulus, further topped with hydrated bentonite seal. Well construction details are included on the monitoring well logs in Appendix A. The groundwater sample from boring UCMW-5 was alternatively collected via Screen Point sampling method.

5.4 Sample Collection

5.4.1 Soil

The soil samples collected from the direct push probes were collected using disposable soil liners placed within the dual tube soil sampler. The samples were collected continuously from the ground surface to depths ranging from approximately 3 to 39 feet bgs, respectively. The direct push continuous samples were “pushed” into clear PVC, 1.5-inch diameter, sampling liners. Once the liners were removed from the ground, the liners were cut open to reveal the soils for inspection and sampling. The soils collected with hand augers were collected continuously from the ground surface to up to four feet bgs. The samples were placed into covered liners for inspection and sampling.

The soils were inspected and visually classified using the visual-manual procedure. At approximate two- to four-foot intervals, select soil samples were placed in containers (about ½ full) to be screened with an OVM as described later in this report. Separate portions of the soil samples were used for organic vapor screening and analytical testing, as required by the EPA. The sampling equipment, rods, augers, and macro-core sampler were cleaned between each boring to decrease the likelihood of cross-contamination between borings.

Soil samples that were collected from the borings were submitted for the various laboratory analysis of VOCs, SVOCs, and RCRA metals.

5.4.2 Groundwater

The groundwater samples from UCMW-1 and UCMW-5 were collected via a temporary monitoring well and Screen Point, respectively. Each groundwater sample was collected with new, disposable, clear Teflon tubing connected to a peristaltic pump. Groundwater samples were collected and submitted for the laboratory analysis of VOCs, SVOCs, and RCRA metals. Samples for VOC analysis were collected via the straw method. A filtered (dissolved) and a non-filtered (total) sample was collected from each boring for RCRA 8 metals analysis. All groundwater samples were placed directly into appropriate, clean, laboratory supplied containers, packed on ice, and delivered to an independent analytical laboratory for analytical testing.

5.5 Soil Screening

The soil samples recovered from the borings were screened with a MultiRAE OVM to ascertain the presence of organic vapors in the soil. The screening was done by placing each approximately 4 ounces of soil into a Zip Lock[®] type bag to allow for the collection of organic vapors and placing the probe of the Multi-RAE into the space between the soil sample and the closure. No elevated readings were encountered, and no unusual odors were observed in the soil samples collected from across the Project Site.

5.6 Water Level Measurements

Following installation of the one temporary monitoring well (UCMW-1), stabilized groundwater was measured with a Solinst water level meter. The depth to groundwater at UCMW-1 was measured to approximately 18.5 feet bgs. Prior to demobilization from the Project Site, the temporary monitoring well at UCMW-1 was appropriately abandoned.

6.0 QUALITY CONTROL

6.1 Decontamination

The direct push probe rig, probe rods, and sampling equipment were steam cleaned prior to mobilizing on the Project Site. Hand auger equipment was cleaned with an Alconox solution prior to advancement. Probing equipment and sampling equipment were also cleaned with an Alconox solution between probing locations. This cleaning was performed to reduce the potential for contaminating samples due to the drilling process and to limit the potential for cross-contamination between sampling locations. The soil sampling equipment was cleaned after each sample was obtained and removed from the sampler. New dedicated and pre-cleaned equipment was used for the groundwater samples.

6.2 Chain-of-Custody

Chain of Custody was used to maintain control of the samples and the associated containers and tests. Chain of custody forms were developed in the laboratory with the sample containers and custody was passed from individual to individual to maintain control of the materials. As the custody of the samples passed from individuals, this was documented on the Chain of Custody forms. Chain-of-Custody was maintained and documented. The chain of custody forms is reproduced in Appendix B.

6.3 QC Samples

Three quality control samples were used during the investigation at the Project Site. This included trip blanks which consisted of vials of HPLC water prepared in the laboratory, a duplicate groundwater sample for SVOC analysis, and a duplicate soil sample for RCRA metals analysis.

The trip blank samples were transferred with the containers and the samples through the entire trip from the laboratory to the field, and back to the laboratory. The trip blank QC samples were submitted for analytical testing of VOCs by United States EPA testing method 8260B. No VOC constituents were detected in the samples.

The SVOC duplicate sample was generated from boring UCMW-5. No SVOCs were detected in either sample.

The RCRA metals duplicate sample was generated from boring UCMW-4 from 0-1 feet. The duplicate sample had the same metals detected, with similar concentrations.

Based on these QC results, evidence of potential cross-contamination or laboratory artifacts for the samples was not present, which provides support for the validity of the analytical testing results for the Project Site. A copy of the laboratory analytical testing data is included in Appendix B.

7.0 ANALYTICAL TESTING RESULTS

7.1 Soil Analytical Testing

A total of 12 soil samples were collected during drilling/hand auger activities at the Project Site. This included eight soil samples and one duplicate (for RCRA metals only), as original proposed, as well as three near refusal-depth soil samples. The samples were analyzed for VOCs, SVOCs, and RCRA metals (including mercury) via EPA testing methods: 8260B, 8270E, 6010D, and 7473, respectively.

No VOCs were detected above laboratory detection limits in the soil samples collected and submitted for analysis. In the sample from boring UCMW-4, collected at a depth of 0 to 1 foot bgs, several SVOC constituents were detected at concentrations above their laboratory detection limits. These SVOCs included benz(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, fluoranthene, and pyrene. However, none of these SVOC detections were identified in exceedance of their Type 3 RRS, as approved in CAP Amendment #2.

Several RCRA metals (arsenic, barium, chromium, and lead) were variously detected above their respective laboratory reporting limits in each of the samples collected from the Project Site. However, these concentrations were below their approved respective Type 3 RRSs. Further, the detections of arsenic (at UCSB-3, UCMW-4, UCMW-5, and DUP-1), ranged between 9.41 milligrams per kilogram (mg/Kg) to 22.5 mg/Kg, below both its Type 3 and Type 5 RRS. The remaining detections appeared as those typically associated with background conditions.

The soil analytical testing results are summarized within Table 1 and the laboratory analytical reports/associated chains of custody are provided in Appendix B.

7.2 Groundwater Analytical Testing

Two groundwater samples (from UCMW-1 and UCMW-5) were collected and submitted for the laboratory analysis of VOCs, SVOCs, and RCRA metals (including mercury) (total and dissolved metals), as well as one duplicate sample (for SVOCs only), via United States EPA testing methods: 8260D, 8270E, 6010D, and 7470A, respectively.

No VOCs or SVOCs were detected above laboratory reporting limits in the groundwater samples submitted for laboratory analysis from the Project Site. Barium and chromium were detected via total metals analyses in the groundwater samples collected. Dissolved (filtered) analysis showed the presence of only barium. The totals detections of barium and chromium in the totals samples are likely elevated due to the presence of suspended solids (sediment) in the groundwater samples. The dissolved analysis with barium detected appears to be associated with background conditions. Further, these detections were below the Response and Remediation Program (RRP) Type 1 Groundwater Criteria (GC) for both barium and chromium. The groundwater analytical testing results are summarized within Table 2 and the laboratory analytical reports/associated chains of custody are provided in Appendix B.

8.0 EVALUATION AND CONCLUSIONS

United Consulting performed this Phase II to conduct sampling in accordance with the EPD approved CAP Amendment #2 for certain portions of the NE Trail which were not previously included within Appendix D therein. As part of this Phase II, eight direct push borings were advanced on the Project Site for soil and/or groundwater sampling.

8.1 Soil

Soils collected during the drilling operations were screened with an OVM. This screening did not indicate the presence of elevated organic vapors in the soils. Some apparent railroad ballast and possible slag materials were observed in some borings. The soil samples were submitted for testing of VOC, SVOCs, and RCRA metals. The laboratory analysis of the soil samples did indicate the presence of low-level concentrations of various SVOCs and RCRA metals. However, none of these detected constituents were above their respective Type 3 RRSs, as approved.

8.2 Groundwater

Two groundwater samples were submitted for the analysis of VOCs, SVOCs, RCRA metals (total and dissolved analyses). However, none of the above constituents were detected in exceedance of the laboratory detection limits with the exception of barium and chromium.

Barium and chromium were variously detected in the total and/or dissolved analysis within groundwater on the Project Site; however, these detections are below their RRP Type 1 GCs. Based on the results, United Consulting believes that the total detections of barium and chromium were elevated due to sediment in the samples, and the dissolved detections are the result of naturally occurring conditions within the groundwater.

8.3 Regulatory Actions

Based on the detected concentrations of SVOCs and RCRA metals, no constituents were identified in exceedance of their approved Type 3 RRS. Therefore, no soil corrective actions are required in the areas tested. The Project Site, and other nearby sections of the Northeast Trail, are slated for final trail construction. Across these areas, a Type 5 RRS approach for arsenic is being applied. As such, site work activities are to be completed in accordance with a site-specific soil management plan (being submitted under separate cover), and the CAP, as amended. This will include a provision for additional analytical testing to certify compliance with the approved non-residential Type 5 RRS for arsenic, as demonstrated through composite sampling and following final grading operations.

9.0 LIMITATIONS

United Consulting has performed appropriate inquiry for this Phase II Environmental Assessment. The analysis and evaluation presented in this report are based on the results of this investigation. Contamination levels should be expected to vary from the boring locations and with time. In addition, regulatory criteria for reporting and/or remediation have changed over time and will likely be different in the future.

United Consulting's conclusions, opinions and suggestions have been prepared using generally accepted standards prevailing within the relevant disciplines as practiced within the southeastern United States. The data analysis and recommendations stated herein are professional opinions; no warranty is expressed or implied. United Consulting is not responsible for the conclusions, opinions, or recommendations of others. Nothing contained within this report is intended to supersede or replace the judgment of the Client. All decisions relating to the aforementioned project or site are the sole responsibility of said users.

This Phase II Environmental Assessment has been prepared on behalf of the Client. Should any other person, partnership, or corporation desire to rely upon this report, it will be necessary for United Consulting to update it for the new user. The right to rely upon this report and the data herein may not be assigned without the express written permission of United Consulting. As a prerequisite for the granting of, such permission, the third-party users, (including, but not limited to, the Client's successors and assigns) must agree to be bound by the terms and conditions of the original agreement between United Consulting and the Client. Further, reliance is dependent on similar uses of the property and the document.

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TABLES



Table 1 - Summary of Soil Analytical Testing Results (Detections Only)

Constituents	Sample Designation			UCSB-1	UCSB-2	UCSB-3	UCMW-1	UCMW-2		UCMW-3		UCMW-4		UCMW-5	DUP-1 ¹
	Sample Collection Date:			8-Nov-21	8-Nov-21	9-Nov-21	8-Nov-21	8-Nov-21		9-Nov-21		9-Nov-21		9-Nov-21	9-Nov-21
	Sample Depth (feet):			0-1	0-1	0-1	0-1	0-1	12-13	0-1	6-7	0-1	18-20	4-6	0-1
NC	Type 3 RRS (Surface)*	Type 5 RRS*													
Volatile Organic Compounds (VOCs) (µg/Kg)															
Target Compound List	Various	Various	—	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	BRL	—
Semi-Volatile Organic Compounds (SVOCs) (µg/Kg)															
Benz[a]anthracene	5,000	5,000	—	< 380	< 390	< 380	< 400	< 370	< 380	< 500	< 350	550	< 350	< 400	—
Benzo[a]pyrene	1,640	1,640	—	< 380	< 390	< 380	< 400	< 370	< 380	< 500	< 350	450	< 350	< 400	—
Benzo[b]fluoranthene	5,000	5,000	—	< 380	< 390	< 380	< 400	< 370	< 380	< 500	< 350	870	< 350	< 400	—
Benzo[k]fluoranthene	5,000	46,000	—	< 380	< 390	< 380	< 400	< 370	< 380	< 500	< 350	420	< 350	< 400	—
Chrysene	5,000	140,000	—	< 380	< 390	< 380	< 400	< 370	< 380	< 500	< 350	770	< 350	< 400	—
Fluoranthene	500,000	500,000	—	< 380	< 390	< 380	< 400	< 370	< 380	< 500	< 350	680	< 350	< 400	—
Pyrene	500,000	500,000	—	< 380	< 390	< 380	< 400	< 370	< 380	< 500	< 350	910	< 350	< 400	—
RCRA 8 Metals (mg/Kg)															
Arsenic ¹	41	38	63	< 4.06	< 4.44	9.41	< 4.05	< 3.92	< 4.54	< 6.29	< 3.54	22.5	< 3.57	20.7	21.8
Barium	500/BG	1,000	—	142	279	209	158	225	80.7	389	154	210	216	158	224
Chromium, Total	1,200	1,200	—	33.3	40.0	39.8	52.6	61.2	8.12	40.9	78.2	53.2	38.6	35.9	58.2
Lead	400	400	—	5.95	8.38	17.2	47.7	6.93	< 4.54	7.66	< 3.54	16.8	< 3.57	19.0	19.2

Notes:

- | |
|-----|
| BRL |
|-----|

 - Below Laboratory Reporting Limit for Constituent(s)
- | |
|-----------|
| < ###.### |
|-----------|

 - Laboratory Reporting Limit for Constituent

- µg/Kg - Micrograms per kilogram
- mg/Kg - Milligrams per kilogram
- - Not Established / Not Analyzed

* - Type 3 and Type 5 RRS obtained from CAP Amendment #2 Approval Letter (April 14, 2011)

¹ - Sample DUP-1 was collected concurrently with sample UCMW-4 (at 0 to 1 foot), for RCRA metals

THIS TABLE SUMMARIZES DETECTED CONSTITUENTS IN THE SAMPLES ANALYZED. REMAINING CONSTITUENTS NOT LISTED INDICATE RESULTS BELOW THE LABORATORY DETECTION LIMITS. (I.E. NOT DETECTED IN THE SAMPLE ABOVE QUANTITATION LIMITS)

Table 2 - Summary of Groundwater Analytical Testing Results (Detections Only)

	Sample Designation	UCMW-1	UCMW-5	DUP-1*
Constituents	Type 1 GC ¹	8-Nov-21	9-Nov-21	9-Nov-21
Volatile Organic Compounds (VOCs) (µg/L)				
Target Compound List	Various	BRL	BRL	—
Semi-Volatile Organic Compounds (SVOCs) (µg/L)				
Target Compound List	Various	BRL	BRL	BRL
Total Metals (RCRA 8 Metals) (mg/L) [Dissolved Analysis]				
Barium	2.00	0.186 [0.101]	0.183 [0.107]	—
Chromium	0.1	< 0.0100 [< 0.0100]	0.0228 [< 0.0100]	—

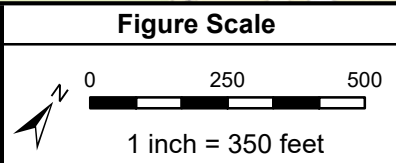
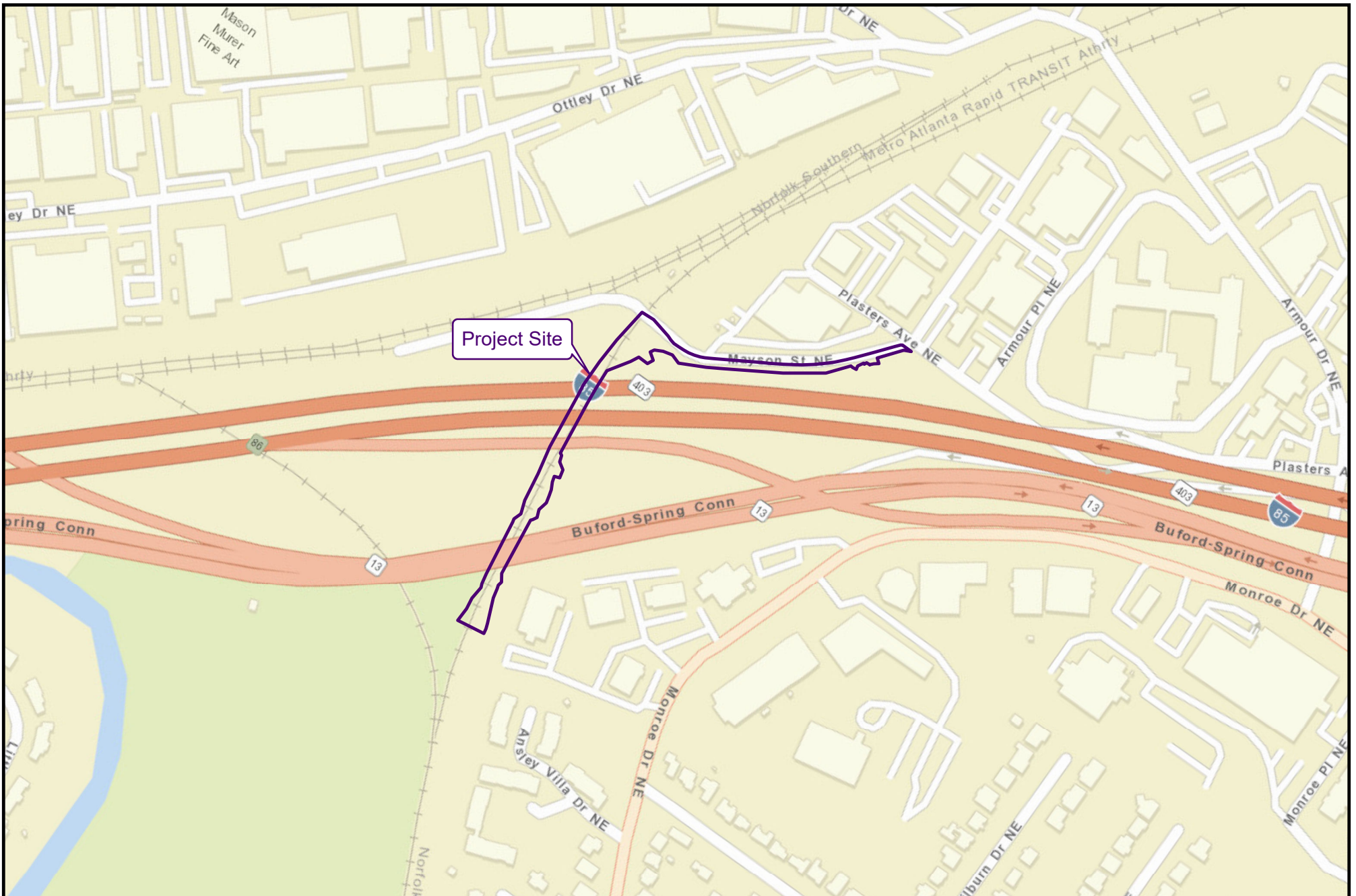
Notes:

- | | |
|----------|---|
| BRL | - Below Laboratory Reporting Limit for Constituent(s) |
| < ###.## | - Laboratory Reporting Limit for Constituent |
- - Not Analyzed
 - µg/L - Micrograms per liter
 - mg/L - Milligrams per liter
 - * - DUP-1 was collected concurrently with UCMW-5, as a duplicate sample for SVOCs
 - ¹ - Response and Remediation Program (RRP) Type 1 Groundwater Criteria

THIS TABLE SUMMARIZES DETECTED CONSTITUENTS IN THE SAMPLES ANALYZED. REMAINING CONSTITUENTS NOT LISTED INDICATE RESULTS BELOW THE LABORATORY DETECTION LIMITS. (I.E. NOT DETECTED IN THE SAMPLE ABOVE QUANTITATION LIMITS)

FIGURES





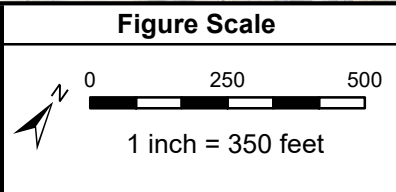
Prepared:	BWS
Checked:	RCG
Date:	12/17/21

Title:	Project Site Location Map (Street Map)
Project:	Atlanta BeltLine — Northeast Trail
Project No.:	21-GA-05802-01
Client:	Kimley-Horn

FIG. 1A



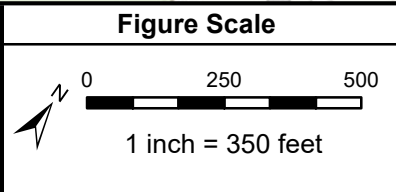
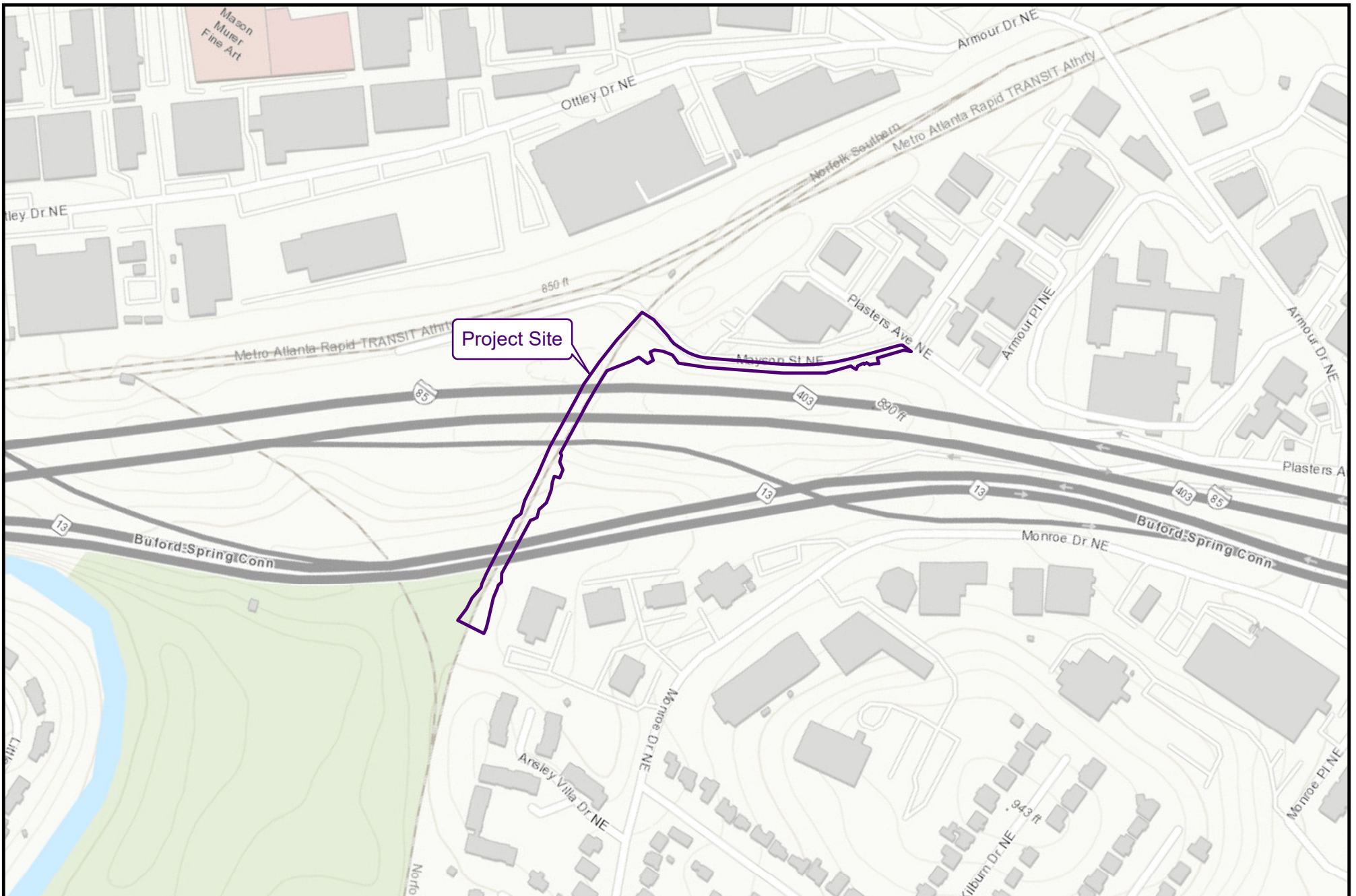
Project Site



Prepared:	BWS
Checked:	RCG
Date:	12/17/21

Title:	Project Site Location Map (Aerial Photograph)
Project:	Atlanta BeltLine — Northeast Trail
Project No.:	21-GA-05802-01
Client:	Kimley-Horn

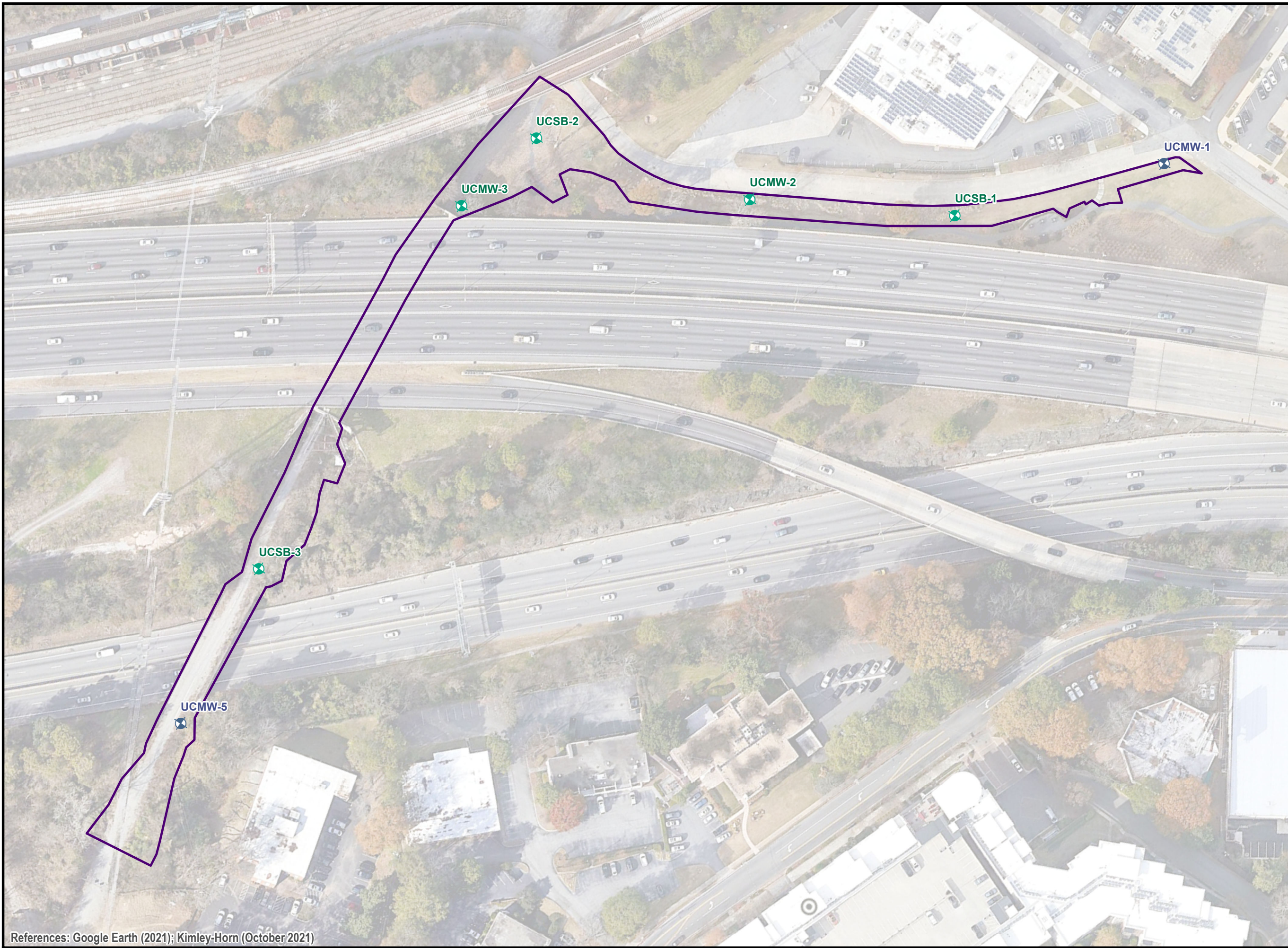
FIG. 1B



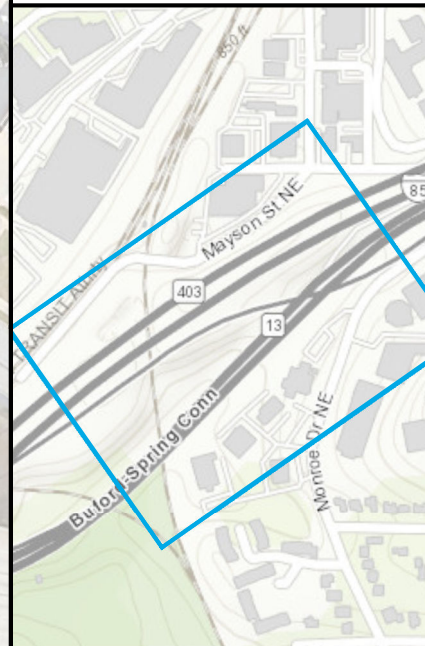
Prepared:	BWS
Checked:	RCG
Date:	12/17/21

Title:	USGS Topographic Map
Project:	Atlanta BeltLine — Northeast Trail
Project No.:	21-GA-05802-01
Client:	Kimley-Horn




FIG. 2



Map Index



Legend

-  Project Site Boundary
-  Groundwater Sample Location
-  Soil Sample Location

Project Site boundary based on review of client-provided site plans, prepared by Kimley-Horn (dated 10/27/2021). Original version of this drawing is provided in full-color, black-and-white reproductions may not accurately depict certain information.

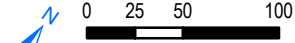


625 Holcomb Bridge Road, Norcross, Georgia 30071
770-209-0029 Fax 582-2900 www.unitedconsulting.com

Project:
Atlanta BeltLine — Northeast Trail

Client:
Kimley-Horn & Associates, Inc.

Sheet Title: Sample Location Plan

Scale: 
1 inch = 100 feet

Prepared: B. Sharp

Checked: R. Griebel

Date: Dec 17, 2021

Project No.: 21-GA-05802-01

Figure 3

References: Google Earth (2021); Kimley-Horn (October 2021)

APPENDIX A

Monitoring Well Logs/Boring Logs



CLIENT: Kimley-Horn	SITE LOCATION: Atlanta, GA	
PROJECT NAME: Atlanta BeltLine Northeast Trail	WATER LEVEL - IMMEDIATE:	
PROJECT NUMBER: 21-GA-05802-01	DRILLING METHOD/TYPE: Direct Push	SAMPLING METHOD: Macro-Core
LOGGED BY: Kate Cosnahan / Brandon Sharp	DATE DRILLED: 11/8/2021	BORING DEPTH: 3 Feet
DRILLING CONTRACTOR AND EQUIP: GeoLab, 6610DT	X COORDINATE/LAT (ft): N/A	Y COORDINATE/LONG (ft): N/A

DEPTH BELOW (Ft)	WATER LEVEL	LITHOLOGY		SAMPLES				NOTES
		LITHOLOGIC SYMBOL	GEOLOGIC DESCRIPTION OF SOIL AND ROCK STRATA	ELEVATION (Ft)	RECOVERY (in. or %)	SAMPLE	OVM READING (PPM)	
0			Topsoil / organic	0				
			Silty SAND; tan/brown (apparent residual)	-1		UCSB-1 (0-1)	0	
				-2	80			
				-3				
			Probe refusal at 2.75 feet bgs; auger refusal at 3 feet bgs; dry	-4				
5				-5				
				-6				
				-7				
				-8				
				-9				
10				-10				
				-11				
				-12				

Notes :

OVM = Organic Vapor Meter	GW	GP	SW	CO	CL	CH	Fill
BGS = Below Ground Surface	Qz	GM	SP	SC	OL	OH	Basalt
TOD = Time of Drilling	RK	GC	SM	ML	MH	Pt	TS
H: /Strater Boring Logs/							

CLIENT: Kimley-Horn	SITE LOCATION: Atlanta, GA	
PROJECT NAME: Atlanta BeltLine Northeast Trail	WATER LEVEL - IMMEDIATE:	
PROJECT NUMBER: 21-GA-05802-01	DRILLING METHOD/TYPE: Direct Push	SAMPLING METHOD: Macro-Core
LOGGED BY: Kate Cosnahan / Brandon Sharp	DATE DRILLED: 11/9/2021	BORING DEPTH: 10 Feet
DRILLING CONTRACTOR AND EQUIP: GeoLab, 6610DT	X COORDINATE/LAT (ft): N/A	Y COORDINATE/LONG (ft): N/A

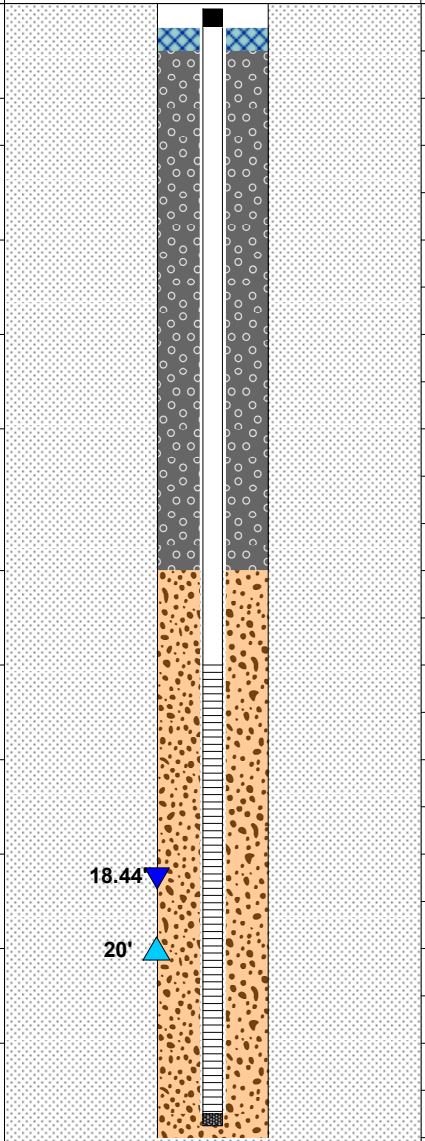
DEPTH BELOW (Ft)	WATER LEVEL	LITHOLOGY		SAMPLES				NOTES	
		LITHOLOGIC SYMBOL	GEOLOGIC DESCRIPTION OF SOIL AND ROCK STRATA	ELEVATION (Ft)	RECOVERY (in. or %)	SAMPLE	OVM READING (PPM)		DEPTH (Ft)
0			GAB / ballast	0				0	
			Clayey SILT; tan/brown (fill)	-1		UCSB-3 (0-1)	0		
				-2	90				
			Clayey SILT, some sand; light tan/brown (apparent residual)	-3					
				-4			0		
5				-5				5	
				-6					
				-7					
				-8	70		0		
				-9					
10			Boring terminated at 10 feet bgs; dry	-10				10	
				-11					
				-12					




Notes :

OVM = Organic Vapor Meter
BGS = Below Ground Surface
TOD = Time of Drilling
H: / Strater Boring Logs/

	GW		GP		SW		CO		CL		CH		Fill
	Qz		GM		SP		SC		OL		OH		Basalt
	Rk		GC		SM		ML		MH		Pt		TS

CLIENT: Kimley-Horn	SITE LOCATION: Atlanta, GA	CONSTR. START: 11/8/2021
PROJECT NAME: Atlanta BeltLine Northeast Trail	DRILLING METHOD: Direct Push / Solid Stem Auger	CONSTR. COMP: 11/9/2021
PROJECT NUMBER: 21-GA-05802-01	DRILLING CONTRACTOR AND EQUIP: GeoLab, 6610DT	DEVELOPMENT DATE: 11/9/2021
LOGGED BY: Kate Cosnahan / Brandon Sharp	SAMPLING METHOD: Macro-Core / ScreenPoint	STATIC GROUNDWATER DEPTH: 18.44 Feet

Depth (feet)	USCS	Graphic Log	LITHOLOGY	SAMPLES			SKETCH	NOTES
				% REC	Sample ID	OVM		
0			Topsoil / organic Silty CLAY, some sand; orange/brown (fill)		UCMW-1 (0-1)	0		
2				90		0		
4						0		
6			Clayey SILT, trace sand; tan/brown (apparent residual)					
8				70		0		
10								
12				90		0		
14								
16			; grey-brown			0		
18				80		0		
20						0		
22			Probe refusal at 22 feet bgs	80				
24			Augur refusal at 24 feet bgs; dry					
26								
28								

NOTES BGS, below ground surface	 Time of Drilling Groundwater Level	Surface Elev.: N/A	Surface Completion: Stick-Up	Filter Pack Type: #20 Well Slot Sand	Screen Length: 10 Feet
	 24-Hour Groundwater Level	TOC Elev.: N/A	Riser Height (Surface): 0.05 Feet	Well Diameter: 1 Inch	Screen Slot Size: 0.001 in
	 Development Groundwater Level	Northing/Lat.: N/A	Annular Fill Type: Fill Soils	Borehole Diameter: 3.25 Inches	Bottom of Screen: 24 Feet
		Easting/Long.: N/A	Annular Sealant Type: Bentonite Seal	Top of Screen: 14 Feet	Bottom of Well: 24 Feet



CLIENT: Kimley-Horn	SITE LOCATION: Atlanta, GA	
PROJECT NAME: Atlanta BeltLine Northeast Trail	WATER LEVEL - IMMEDIATE:	
PROJECT NUMBER: 21-GA-05802-01	DRILLING METHOD/TYPE: Direct Push	SAMPLING METHOD: Macro-Core
LOGGED BY: Kate Cosnahan / Brandon Sharp	DATE DRILLED: 11/8/2021	BORING DEPTH: 14 Feet
DRILLING CONTRACTOR AND EQUIP: GeoLab, 6610DT	X COORDINATE/LAT (ft): N/A	Y COORDINATE/LONG (ft): N/A

DEPTH BELOW (Ft)	WATER LEVEL	LITHOLOGY		SAMPLES				NOTES
		LITHOLOGIC SYMBOL	GEOLOGIC DESCRIPTION OF SOIL AND ROCK STRATA	ELEVATION (Ft)	RECOVERY (in. or %)	SAMPLE	OVM READING (PPM)	
0			Topsoil / GAB	0		UCMW-2 (0-1)		
			Silty CLAY, some sand; orange/brown (apparent residual)	-1			0	
				-2	80			
			SILT, some clay; orange/brown	-3				
				-4			0	
5				-5				No groundwater at depths encountered.
				-6				
				-7	90			
			Clayey SILT; orange/brown	-8			0	
				-9				
10			Silty SAND, some clay; grey	-10				
				-11				
			Partially weathered rock	-12	80	UCMW-3 (12-13)		
			Probe refusal at 13 feet bgs	-13			0	
				-14				
15			Auger refusal at 14 feet bgs; dry	-14				
				-15				
				-16				
				-17				

Notes :

OVM = Organic Vapor Meter	GW	GP	SW	CO	CL	CH	Fill
BGS = Below Ground Surface	Qz	GM	SP	SC	OL	OH	Basalt
TOD = Time of Drilling	Rk	GC	SM	ML	MH	Pt	TS
H:/Strater Boring Logs/							

CLIENT: Kimley-Horn	SITE LOCATION: Atlanta, GA	
PROJECT NAME: Atlanta BeltLine Northeast Trail	WATER LEVEL - IMMEDIATE:	
PROJECT NUMBER: 21-GA-05802-01	DRILLING METHOD/TYPE: Direct Push / Solid Stem Auger	SAMPLING METHOD: Macro-Core
LOGGED BY: Kate Cosnahan / Brandon Sharp	DATE DRILLED: 11/9/2021	BORING DEPTH: 7 Feet
DRILLING CONTRACTOR AND EQUIP: GeoLab, 6610DT	X COORDINATE/LAT (ft): N/A	Y COORDINATE/LONG (ft): N/A

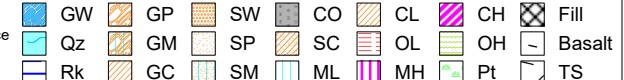
DEPTH BELOW (Ft)	WATER LEVEL	LITHOLOGY		SAMPLES				NOTES
		LITHOLOGIC SYMBOL	GEOLOGIC DESCRIPTION OF SOIL AND ROCK STRATA	ELEVATION (Ft)	RECOVERY (in. or %)	SAMPLE	OVM READING (PPM)	
0			Topsoil / GAB	0			0	No groundwater at depths encountered.
			Silty CLAY, some sand; orange/brown (fill)	-1		UCMW-3 (0-1)	0	
			Clayey SILT; orange/brown to tan/brown (residual)	-2	100			
				-3				
				-4			0	
5			Silty SAND, some clay; grey to tan/brown	-5			5	
				-6		UCMW-3 (6-7)		
			Probe refusal at 7 feet bgs; dry	-7	70			
				-8				
				-9				
10				-10				
				-11				
				-12				

Notes :

OVM = Organic Vapor Meter	GW	GP	SW	CO	CL	CH	Fill
BGS = Below Ground Surface	Qz	GM	SP	SC	OL	OH	Basalt
TOD = Time of Drilling	H:/Strater Boring Logs/	RK	GC	SM	ML	MH	Pt
							TS

CLIENT: Kimley-Horn	SITE LOCATION: Atlanta, GA	
PROJECT NAME: Atlanta BeltLine Northeast Trail	WATER LEVEL - IMMEDIATE:	
PROJECT NUMBER: 21-GA-05802-01	DRILLING METHOD/TYPE: Direct Push	SAMPLING METHOD: Macro-Core
LOGGED BY: Kate Cosnahan / Brandon Sharp	DATE DRILLED: 11/9/2021	BORING DEPTH: 20 Feet
DRILLING CONTRACTOR AND EQUIP: GeoLab, 6610DT	X COORDINATE/LAT (ft): N/A	Y COORDINATE/LONG (ft): N/A

DEPTH BELOW (Ft)	WATER LEVEL	LITHOLOGY		SAMPLES				NOTES	
		LITHOLOGIC SYMBOL	GEOLOGIC DESCRIPTION OF SOIL AND ROCK STRATA	ELEVATION (Ft)	RECOVERY (in. or %)	SAMPLE	OVM READING (PPM)		DEPTH (Ft)
0			GAB / ballast Silty CLAY, some sand; orange/brown (fill)	0		UCMW-4 (0-1)	0	0	No groundwater at depths encountered.
				-2	100			-	
				-4			0	-	
5			SILT, some clay and sand; tan/brown (apparent residual)	-6				5	
				-8	80		0	-	
			; orange/brown	-10				10	
10			Clayey SILT, some sand; grey to tan/brown	-12			0	-	
				-14	80			-	
				-16			0	15	
15			; orange/brown	-18	90		0	-	
				-20		UCMW-4 (18-20)		20	
20			Probe refusal at 20 feet bgs; dry	-22	70		0	-	
				-24				-	

Notes :	OVM = Organic Vapor Meter BGS = Below Ground Surface TOD = Time of Drilling H:/Strater Boring Logs/	
---------	--	--

CLIENT: Kimley-Horn	SITE LOCATION: Atlanta, GA	
PROJECT NAME: Atlanta BeltLine Northeast Trail	WATER LEVEL - IMMEDIATE:	
PROJECT NUMBER: 21-GA-05802-01	DRILLING METHOD/TYPE: Direct Push / Solid Stem Auger	SAMPLING METHOD: Macro-Core / ScreenPoint
LOGGED BY: Kate Cosnahan / Brandon Sharp	DATE DRILLED: 11/9/2021	BORING DEPTH: 39 Feet
DRILLING CONTRACTOR AND EQUIP: GeoLab, 6610DT	X COORDINATE/LAT (ft): N/A	Y COORDINATE/LONG (ft): N/A

DEPTH BELOW (Ft)	WATER LEVEL	LITHOLOGY		SAMPLES				NOTES
		LITHOLOGIC SYMBOL	GEOLOGIC DESCRIPTION OF SOIL AND ROCK STRATA	ELEVATION (Ft)	RECOVERY (in. or %)	SAMPLE	OVM READING (PPM)	
0			GAB / ballast SAND, some silt; grey (fill)	0			0	
				-2	100			
				-4			0	
5			; burned wood and apparent slag; black			UCMW-5 (4-6)		
				-6				
			Clayey SILT, some sand; tan/brown	-8	70		0	
				-10				
				-12	75		0	
				-14				
				-16				
			Silty SAND, some clay; grey to light brown (apparent alluvial)	-18	80		0	
				-20				
				-22	90		0	
			Clayey SILT, some sand; tan/brown (residual)	-24				
				-26				
				-28	80		0	
				-30				
				-32	90			
				-34			0	
35	▼		Probe refusal at 34 feet bgs; dry	-36				
				-38				
				-40				
40			Augur refusal at 39 feet bgs; dry	-42				

Notes :

OVM = Organic Vapor Meter	GW	GP	SW	CO	CL	CH	Fill
BGS = Below Ground Surface	Qz	GM	SP	SC	OL	OH	Basalt
TOD = Time of Drilling	Rk	GC	SM	ML	MH	Pt	TS
H:/Strater Boring Logs/							

APPENDIX B

Chain of Custody/Laboratory Analytical Testing Data





ANALYTICAL ENVIRONMENTAL SERVICES, INC.

November 19, 2021

Brandon Sharp
United Consulting Group Inc.

625 Holcomb Bridge Rd
Norcross GA 30071

RE: Atlanta Beltline NETrail

Dear Brandon Sharp:

Order No: 2111A71

Analytical Environmental Services, Inc. received 10 samples on 11/9/2021 2:59:00 PM 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 07/01/21-06/30/22.

State of Georgia, Department of Natural Resources ID #800 for analysis of Drinking Water Metals, effective through 06/30/22 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,

Ioana Pacurar
Project Manager



ANALYTICAL ENVIRONMENTAL SERVICES, INC
 3785 Presidential Parkway, Atlanta GA 30340-3704
 TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 2111A71

Date: 11/9/21 Page 1 of 1

COMPANY: United Consulting		ADDRESS: 625 HOLCOMB BRIDGE ROAD NORCROSS, GEORGIA 30071 770-209-0029 FAX: 770-582-2900 WWW.UNITEDCONSULTING.COM			ANALYSIS REQUESTED				Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.		No # of Containers		
PHONE: (770) 209-0029		FAX: (770) 582-2900			PRESERVATION (See codes)								
SAMPLED BY: Kate Cosman / Brandon Sharp		SIGNATURE: <i>Kate Cosman</i>			VOCs				REMARKS				
					SVOCS								
					RCRA & Metals								
					RCRA & Metal (Tot/Diss)								
#	SAMPLE ID	SAMPLED		Grab	Composite	Matrix (See codes)	PRESERVATION (See codes)				REMARKS		
		DATE	TIME				SWT	III	I				
1	UCMN-3 (0-1)	11/9/21	8:30am	X		SO	X	X	X			6	
2	UCMN-3 (6-7)		8:42am	X		SO	X	X	X			6	
3	UCMN-4 (0-1)		9:15am	X		SO	X	X	X			6	
4	UCMN-4 (18-20)		9:26am	X		SO	X	X	X			6	
5	UCSB-3 (0-1)		10:30am	X		SO	X	X	X			6	
6	UCMN-5 (4-6)		11:15am	X		SO	X	X	X			6	
7	UCMN-5	11/9/21	18:00pm	X		GW	X	X	X			6	
8	DUP-1	11/9/21		X	WAP	SO		X				6	
9	DUP-1	11/9/21		X	WAP	GW	X					2	
10	TRD Blank					W						2	
11	<i>Kate Cosman</i>												
12	<i>Kate Cosman</i>												
13	<i>Kate Cosman</i>												
14	<i>Kate Cosman</i>												
15	<i>Kate Cosman</i>												
16	<i>Kate Cosman</i>												
RELINQUISHED BY		DATE/TIME		RECEIVED BY		DATE/TIME		PROJECT INFORMATION				RECEIPT	
1: Kate Cosman		11/9/21 2:57pm		1: Yoda Mazangwa		11/9/21		PROJECT NAME: Atlanta BeltLine NE Trail				Total # of Containers: 52	
2:				2:		2:57pm		PROJECT #: 21-GA-05802-02				Turnaround Time Request	
3:				3:				SITE ADDRESS: Plasters Avenue Atlanta, GA				Standard 5 Business Days	
SPECIAL INSTRUCTIONS/COMMENTS:				SHIPMENT METHOD				SEND REPORT TO: bsharp@unitedconsulting.com				2 Business Day Rush	
				OUT / / VIA:				INVOICE TO:				Next Business Day Rush	
				IN / / VIA:				(IF DIFFERENT FROM ABOVE)				Same Day Rush (auth req.)	
				CLIENT FedEx UPS MAIL COURIER				QUOTE #: PO# 12419				Other:	
				GREYHOUND OTHER								STATE PROGRAM (if any):	
												E-mail? Y/N; Fax? Y/N	
												DATA PACKAGE: I II III IV	

SAMPLES RECEIVED AFTER 3PM OR SATURDAY ARE CONSIDERED AS RECEIVED ON THE NEXT BUSINESS DAY; IF NO TAT IS MARKED ON COC AES WILL PROCEED AS STANDARD TAT.
 SAMPLES ARE DISPOSED OF 30 DAYS AFTER COMPLETION OF REPORT UNLESS OTHER ARRANGEMENTS ARE MADE.

MATRIX CODES: A = Air GW = Groundwater SE = Sediment SO = Soil SW = Surface Water W = Water (Blanks) O = Other (Expendables, ie. nitrile gloves, plastic)
 PRESERVATIVE CODES: H+I = Hydrochloric acid + ice I = Ice only N = Nitric acid S+I = Sulfuric acid + ice S/M+I = Sodium Bisulfate/Methanol + ice O = Other (specify) NA = None

Client: United Consulting Group Inc.

Project: Atlanta Beltline NETrail

Lab ID: 2111A71

Case Narrative

Sample Receiving Non-conformance:

Sample DUP-1 (211A71-008A) was received with sodium bisulfate and methanol vials, but VOC analysis was not marked on the COC. The soil vials were placed on hold and the laboratory proceeded with Metals analysis only as it is listed on the COC.

Client: United Consulting Group Inc.	Client Sample ID: UCMW-3 (0-1)
Project Name: Atlanta Beltline NETrail	Collection Date: 11/9/2021 8:30:00 AM
Lab ID: 2111A71-001	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260D				(SW5035)				
1,1,1-Trichloroethane	BRL	5.5		ug/Kg-dry	325912	1	11/15/2021 19:14	RC
1,1,2,2-Tetrachloroethane	BRL	5.5		ug/Kg-dry	325912	1	11/15/2021 19:14	RC
1,1,2-Trichloroethane	BRL	5.5		ug/Kg-dry	325912	1	11/15/2021 19:14	RC
1,1-Dichloroethane	BRL	5.5		ug/Kg-dry	325912	1	11/15/2021 19:14	RC
1,1-Dichloroethene	BRL	5.5		ug/Kg-dry	325912	1	11/15/2021 19:14	RC
1,2,4-Trichlorobenzene	BRL	5.5		ug/Kg-dry	325912	1	11/15/2021 19:14	RC
1,2-Dichlorobenzene	BRL	5.5		ug/Kg-dry	325912	1	11/15/2021 19:14	RC
1,2-Dichloroethane	BRL	5.5		ug/Kg-dry	325912	1	11/15/2021 19:14	RC
1,2-Dichloropropane	BRL	5.5		ug/Kg-dry	325912	1	11/15/2021 19:14	RC
1,3-Dichlorobenzene	BRL	5.5		ug/Kg-dry	325912	1	11/15/2021 19:14	RC
1,4-Dichlorobenzene	BRL	5.5		ug/Kg-dry	325912	1	11/15/2021 19:14	RC
2-Butanone	BRL	55		ug/Kg-dry	325912	1	11/15/2021 19:14	RC
Acrolein	BRL	55		ug/Kg-dry	325912	1	11/15/2021 19:14	RC
Acrylonitrile	BRL	55		ug/Kg-dry	325912	1	11/15/2021 19:14	RC
Benzene	BRL	5.5		ug/Kg-dry	325912	1	11/15/2021 19:14	RC
Bromodichloromethane	BRL	5.5		ug/Kg-dry	325912	1	11/15/2021 19:14	RC
Bromoform	BRL	5.5		ug/Kg-dry	325912	1	11/15/2021 19:14	RC
Bromomethane	BRL	5.5		ug/Kg-dry	325912	1	11/15/2021 19:14	RC
Carbon tetrachloride	BRL	5.5		ug/Kg-dry	325912	1	11/15/2021 19:14	RC
Chlorobenzene	BRL	5.5		ug/Kg-dry	325912	1	11/15/2021 19:14	RC
Chloroethane	BRL	11		ug/Kg-dry	325912	1	11/15/2021 19:14	RC
Chloroform	BRL	5.5		ug/Kg-dry	325912	1	11/15/2021 19:14	RC
Chloromethane	BRL	11		ug/Kg-dry	325912	1	11/15/2021 19:14	RC
cis-1,3-Dichloropropene	BRL	5.5		ug/Kg-dry	325912	1	11/15/2021 19:14	RC
Dibromochloromethane	BRL	5.5		ug/Kg-dry	325912	1	11/15/2021 19:14	RC
Ethylbenzene	BRL	5.5		ug/Kg-dry	325912	1	11/15/2021 19:14	RC
Methylene chloride	BRL	22		ug/Kg-dry	325912	1	11/15/2021 19:14	RC
Styrene	BRL	5.5		ug/Kg-dry	325912	1	11/15/2021 19:14	RC
Tetrachloroethene	BRL	5.5		ug/Kg-dry	325912	1	11/15/2021 19:14	RC
Toluene	BRL	5.5		ug/Kg-dry	325912	1	11/15/2021 19:14	RC
trans-1,2-Dichloroethene	BRL	5.5		ug/Kg-dry	325912	1	11/15/2021 19:14	RC
trans-1,3-Dichloropropene	BRL	5.5		ug/Kg-dry	325912	1	11/15/2021 19:14	RC
Trichloroethene	BRL	5.5		ug/Kg-dry	325912	1	11/15/2021 19:14	RC
Vinyl chloride	BRL	11		ug/Kg-dry	325912	1	11/15/2021 19:14	RC
Xylenes, Total	BRL	5.5		ug/Kg-dry	325912	1	11/15/2021 19:14	RC
Surr: 4-Bromofluorobenzene	91.5	65-124		%REC	325912	1	11/15/2021 19:14	RC
Surr: Dibromofluoromethane	103	74.8-123		%REC	325912	1	11/15/2021 19:14	RC
Surr: Toluene-d8	93.6	69.2-128		%REC	325912	1	11/15/2021 19:14	RC
Total Mercury by SW7473				(SW7473)				
Mercury	BRL	0.151		mg/Kg-dry	326008	1	11/17/2021 10:07	GR
TCL-SEMIVOLATILE ORGANICS SW8270E				(SW3550C)				
2,4,6-Trichlorophenol	BRL	500		ug/Kg-dry	325799	1	11/15/2021 15:31	NH
2,4-Dichlorophenol	BRL	500		ug/Kg-dry	325799	1	11/15/2021 15:31	NH

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: United Consulting Group Inc.	Client Sample ID: UCMW-3 (0-1)
Project Name: Atlanta Beltline NETrail	Collection Date: 11/9/2021 8:30:00 AM
Lab ID: 2111A71-001	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL-SEMIVOLATILE ORGANICS	SW8270E							
								(SW3550C)
2,4-Dimethylphenol	BRL	500		ug/Kg-dry	325799	1	11/15/2021 15:31	NH
2,4-Dinitrophenol	BRL	2600		ug/Kg-dry	325799	1	11/15/2021 15:31	NH
2,4-Dinitrotoluene	BRL	500		ug/Kg-dry	325799	1	11/15/2021 15:31	NH
2,6-Dinitrotoluene	BRL	500		ug/Kg-dry	325799	1	11/15/2021 15:31	NH
2-Chloronaphthalene	BRL	500		ug/Kg-dry	325799	1	11/15/2021 15:31	NH
2-Chlorophenol	BRL	500		ug/Kg-dry	325799	1	11/15/2021 15:31	NH
2-Nitrophenol	BRL	500		ug/Kg-dry	325799	1	11/15/2021 15:31	NH
3,3'-Dichlorobenzidine	BRL	1000		ug/Kg-dry	325799	1	11/15/2021 15:31	NH
4,6-Dinitro-2-methylphenol	BRL	2600		ug/Kg-dry	325799	1	11/15/2021 15:31	NH
4-Bromophenyl phenyl ether	BRL	500		ug/Kg-dry	325799	1	11/15/2021 15:31	NH
4-Chloro-3-methylphenol	BRL	500		ug/Kg-dry	325799	1	11/15/2021 15:31	NH
4-Chlorophenyl phenyl ether	BRL	500		ug/Kg-dry	325799	1	11/15/2021 15:31	NH
4-Nitrophenol	BRL	2600		ug/Kg-dry	325799	1	11/15/2021 15:31	NH
Acenaphthene	BRL	500		ug/Kg-dry	325799	1	11/15/2021 15:31	NH
Acenaphthylene	BRL	500		ug/Kg-dry	325799	1	11/15/2021 15:31	NH
Anthracene	BRL	500		ug/Kg-dry	325799	1	11/15/2021 15:31	NH
Benz(a)anthracene	BRL	500		ug/Kg-dry	325799	1	11/15/2021 15:31	NH
Benzo(a)pyrene	BRL	500		ug/Kg-dry	325799	1	11/15/2021 15:31	NH
Benzo(b)fluoranthene	BRL	500		ug/Kg-dry	325799	1	11/15/2021 15:31	NH
Benzo(g,h,i)perylene	BRL	500		ug/Kg-dry	325799	1	11/15/2021 15:31	NH
Benzo(k)fluoranthene	BRL	500		ug/Kg-dry	325799	1	11/15/2021 15:31	NH
Bis(2-chloroethoxy)methane	BRL	500		ug/Kg-dry	325799	1	11/15/2021 15:31	NH
Bis(2-chloroethyl)ether	BRL	500		ug/Kg-dry	325799	1	11/15/2021 15:31	NH
Bis(2-chloroisopropyl)ether	BRL	500		ug/Kg-dry	325799	1	11/15/2021 15:31	NH
Bis(2-ethylhexyl)phthalate	BRL	500		ug/Kg-dry	325799	1	11/15/2021 15:31	NH
Butyl benzyl phthalate	BRL	500		ug/Kg-dry	325799	1	11/15/2021 15:31	NH
Chrysene	BRL	500		ug/Kg-dry	325799	1	11/15/2021 15:31	NH
Di-n-butyl phthalate	BRL	500		ug/Kg-dry	325799	1	11/15/2021 15:31	NH
Di-n-octyl phthalate	BRL	500		ug/Kg-dry	325799	1	11/15/2021 15:31	NH
Dibenz(a,h)anthracene	BRL	500		ug/Kg-dry	325799	1	11/15/2021 15:31	NH
Diethyl phthalate	BRL	500		ug/Kg-dry	325799	1	11/15/2021 15:31	NH
Dimethyl phthalate	BRL	500		ug/Kg-dry	325799	1	11/15/2021 15:31	NH
Fluoranthene	BRL	500		ug/Kg-dry	325799	1	11/15/2021 15:31	NH
Fluorene	BRL	500		ug/Kg-dry	325799	1	11/15/2021 15:31	NH
Hexachlorobenzene	BRL	500		ug/Kg-dry	325799	1	11/15/2021 15:31	NH
Hexachlorobutadiene	BRL	500		ug/Kg-dry	325799	1	11/15/2021 15:31	NH
Hexachlorocyclopentadiene	BRL	990		ug/Kg-dry	325799	1	11/15/2021 15:31	NH
Hexachloroethane	BRL	500		ug/Kg-dry	325799	1	11/15/2021 15:31	NH
Indeno(1,2,3-cd)pyrene	BRL	500		ug/Kg-dry	325799	1	11/15/2021 15:31	NH
Isophorone	BRL	500		ug/Kg-dry	325799	1	11/15/2021 15:31	NH
N-Nitrosodi-n-propylamine	BRL	500		ug/Kg-dry	325799	1	11/15/2021 15:31	NH
N-Nitrosodiphenylamine	BRL	500		ug/Kg-dry	325799	1	11/15/2021 15:31	NH
Naphthalene	BRL	500		ug/Kg-dry	325799	1	11/15/2021 15:31	NH
Nitrobenzene	BRL	500		ug/Kg-dry	325799	1	11/15/2021 15:31	NH
Pentachlorophenol	BRL	2600		ug/Kg-dry	325799	1	11/15/2021 15:31	NH

Qualifiers:
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 BRL Below reporting limit
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 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: United Consulting Group Inc.	Client Sample ID: UCMW-3 (0-1)
Project Name: Atlanta Beltline NETrail	Collection Date: 11/9/2021 8:30:00 AM
Lab ID: 2111A71-001	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL-SEMIVOLATILE ORGANICS SW8270E		(SW3550C)						
Phenanthrene	BRL	500		ug/Kg-dry	325799	1	11/15/2021 15:31	NH
Phenol	BRL	500		ug/Kg-dry	325799	1	11/15/2021 15:31	NH
Pyrene	BRL	500		ug/Kg-dry	325799	1	11/15/2021 15:31	NH
Surr: 2,4,6-Tribromophenol	68	44.9-127		%REC	325799	1	11/15/2021 15:31	NH
Surr: 2-Fluorobiphenyl	68.4	50.1-120		%REC	325799	1	11/15/2021 15:31	NH
Surr: 2-Fluorophenol	64.9	40.8-120		%REC	325799	1	11/15/2021 15:31	NH
Surr: 4-Terphenyl-d14	67.3	50.9-120		%REC	325799	1	11/15/2021 15:31	NH
Surr: Nitrobenzene-d5	57.4	41-120		%REC	325799	1	11/15/2021 15:31	NH
Surr: Phenol-d5	62.7	45.3-120		%REC	325799	1	11/15/2021 15:31	NH
METALS, TOTAL SW6010D		(SW3050B)						
Arsenic	BRL	6.29		mg/Kg-dry	325901	1	11/17/2021 14:49	KB
Barium	389	6.29		mg/Kg-dry	325901	1	11/17/2021 14:49	KB
Cadmium	BRL	1.99		mg/Kg-dry	325901	1	11/17/2021 14:49	KB
Chromium	40.9	3.15		mg/Kg-dry	325901	1	11/17/2021 14:49	KB
Lead	7.66	6.29		mg/Kg-dry	325901	1	11/17/2021 14:49	KB
Selenium	BRL	1.99		mg/Kg-dry	325901	1	11/17/2021 14:49	KB
Silver	BRL	1.99		mg/Kg-dry	325901	1	11/17/2021 14:49	KB
PERCENT MOISTURE D2216								
Percent Moisture	33.6	0		wt%	R469913	1	11/11/2021 00:00	JW

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- Narr See case narrative
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- < Less than Result value
- J Estimated value detected below Reporting Limit

Client: United Consulting Group Inc.	Client Sample ID: UCMW-3 (6-7)
Project Name: Atlanta Beltline NETrail	Collection Date: 11/9/2021 8:42:00 AM
Lab ID: 2111A71-002	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260D				(SW5035)				
1,1,1-Trichloroethane	BRL	4.3		ug/Kg-dry	325912	1	11/15/2021 19:39	RC
1,1,2,2-Tetrachloroethane	BRL	4.3		ug/Kg-dry	325912	1	11/15/2021 19:39	RC
1,1,2-Trichloroethane	BRL	4.3		ug/Kg-dry	325912	1	11/15/2021 19:39	RC
1,1-Dichloroethane	BRL	4.3		ug/Kg-dry	325912	1	11/15/2021 19:39	RC
1,1-Dichloroethene	BRL	4.3		ug/Kg-dry	325912	1	11/15/2021 19:39	RC
1,2,4-Trichlorobenzene	BRL	4.3		ug/Kg-dry	325912	1	11/15/2021 19:39	RC
1,2-Dichlorobenzene	BRL	4.3		ug/Kg-dry	325912	1	11/15/2021 19:39	RC
1,2-Dichloroethane	BRL	4.3		ug/Kg-dry	325912	1	11/15/2021 19:39	RC
1,2-Dichloropropane	BRL	4.3		ug/Kg-dry	325912	1	11/15/2021 19:39	RC
1,3-Dichlorobenzene	BRL	4.3		ug/Kg-dry	325912	1	11/15/2021 19:39	RC
1,4-Dichlorobenzene	BRL	4.3		ug/Kg-dry	325912	1	11/15/2021 19:39	RC
2-Butanone	BRL	43		ug/Kg-dry	325912	1	11/15/2021 19:39	RC
Acrolein	BRL	43		ug/Kg-dry	325912	1	11/15/2021 19:39	RC
Acrylonitrile	BRL	43		ug/Kg-dry	325912	1	11/15/2021 19:39	RC
Benzene	BRL	4.3		ug/Kg-dry	325912	1	11/15/2021 19:39	RC
Bromodichloromethane	BRL	4.3		ug/Kg-dry	325912	1	11/15/2021 19:39	RC
Bromoform	BRL	4.3		ug/Kg-dry	325912	1	11/15/2021 19:39	RC
Bromomethane	BRL	4.3		ug/Kg-dry	325912	1	11/15/2021 19:39	RC
Carbon tetrachloride	BRL	4.3		ug/Kg-dry	325912	1	11/15/2021 19:39	RC
Chlorobenzene	BRL	4.3		ug/Kg-dry	325912	1	11/15/2021 19:39	RC
Chloroethane	BRL	8.5		ug/Kg-dry	325912	1	11/15/2021 19:39	RC
Chloroform	BRL	4.3		ug/Kg-dry	325912	1	11/15/2021 19:39	RC
Chloromethane	BRL	8.5		ug/Kg-dry	325912	1	11/15/2021 19:39	RC
cis-1,3-Dichloropropene	BRL	4.3		ug/Kg-dry	325912	1	11/15/2021 19:39	RC
Dibromochloromethane	BRL	4.3		ug/Kg-dry	325912	1	11/15/2021 19:39	RC
Ethylbenzene	BRL	4.3		ug/Kg-dry	325912	1	11/15/2021 19:39	RC
Methylene chloride	BRL	17		ug/Kg-dry	325912	1	11/15/2021 19:39	RC
Styrene	BRL	4.3		ug/Kg-dry	325912	1	11/15/2021 19:39	RC
Tetrachloroethene	BRL	4.3		ug/Kg-dry	325912	1	11/15/2021 19:39	RC
Toluene	BRL	4.3		ug/Kg-dry	325912	1	11/15/2021 19:39	RC
trans-1,2-Dichloroethene	BRL	4.3		ug/Kg-dry	325912	1	11/15/2021 19:39	RC
trans-1,3-Dichloropropene	BRL	4.3		ug/Kg-dry	325912	1	11/15/2021 19:39	RC
Trichloroethene	BRL	4.3		ug/Kg-dry	325912	1	11/15/2021 19:39	RC
Vinyl chloride	BRL	8.5		ug/Kg-dry	325912	1	11/15/2021 19:39	RC
Xylenes, Total	BRL	4.3		ug/Kg-dry	325912	1	11/15/2021 19:39	RC
Surr: 4-Bromofluorobenzene	87.9	65-124		%REC	325912	1	11/15/2021 19:39	RC
Surr: Dibromofluoromethane	105	74.8-123		%REC	325912	1	11/15/2021 19:39	RC
Surr: Toluene-d8	95.9	69.2-128		%REC	325912	1	11/15/2021 19:39	RC
Total Mercury by SW7473				(SW7473)				
Mercury	BRL	0.107		mg/Kg-dry	326008	1	11/17/2021 10:15	GR
TCL-SEMIVOLATILE ORGANICS SW8270E				(SW3550C)				
2,4,6-Trichlorophenol	BRL	350		ug/Kg-dry	325799	1	11/15/2021 15:57	NH
2,4-Dichlorophenol	BRL	350		ug/Kg-dry	325799	1	11/15/2021 15:57	NH

Qualifiers:

- * Value exceeds maximum contaminant level
- BRL Below reporting limit
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- 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: United Consulting Group Inc.
 Project Name: Atlanta Beltline NETrail
 Lab ID: 2111A71-002

Client Sample ID: UCMW-3 (6-7)
 Collection Date: 11/9/2021 8:42:00 AM
 Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL-SEMIVOLATILE ORGANICS	SW8270E							
					(SW3550C)			
2,4-Dimethylphenol	BRL	350		ug/Kg-dry	325799	1	11/15/2021 15:57	NH
2,4-Dinitrophenol	BRL	1800		ug/Kg-dry	325799	1	11/15/2021 15:57	NH
2,4-Dinitrotoluene	BRL	350		ug/Kg-dry	325799	1	11/15/2021 15:57	NH
2,6-Dinitrotoluene	BRL	350		ug/Kg-dry	325799	1	11/15/2021 15:57	NH
2-Chloronaphthalene	BRL	350		ug/Kg-dry	325799	1	11/15/2021 15:57	NH
2-Chlorophenol	BRL	350		ug/Kg-dry	325799	1	11/15/2021 15:57	NH
2-Nitrophenol	BRL	350		ug/Kg-dry	325799	1	11/15/2021 15:57	NH
3,3'-Dichlorobenzidine	BRL	720		ug/Kg-dry	325799	1	11/15/2021 15:57	NH
4,6-Dinitro-2-methylphenol	BRL	1800		ug/Kg-dry	325799	1	11/15/2021 15:57	NH
4-Bromophenyl phenyl ether	BRL	350		ug/Kg-dry	325799	1	11/15/2021 15:57	NH
4-Chloro-3-methylphenol	BRL	350		ug/Kg-dry	325799	1	11/15/2021 15:57	NH
4-Chlorophenyl phenyl ether	BRL	350		ug/Kg-dry	325799	1	11/15/2021 15:57	NH
4-Nitrophenol	BRL	1800		ug/Kg-dry	325799	1	11/15/2021 15:57	NH
Acenaphthene	BRL	350		ug/Kg-dry	325799	1	11/15/2021 15:57	NH
Acenaphthylene	BRL	350		ug/Kg-dry	325799	1	11/15/2021 15:57	NH
Anthracene	BRL	350		ug/Kg-dry	325799	1	11/15/2021 15:57	NH
Benz(a)anthracene	BRL	350		ug/Kg-dry	325799	1	11/15/2021 15:57	NH
Benzo(a)pyrene	BRL	350		ug/Kg-dry	325799	1	11/15/2021 15:57	NH
Benzo(b)fluoranthene	BRL	350		ug/Kg-dry	325799	1	11/15/2021 15:57	NH
Benzo(g,h,i)perylene	BRL	350		ug/Kg-dry	325799	1	11/15/2021 15:57	NH
Benzo(k)fluoranthene	BRL	350		ug/Kg-dry	325799	1	11/15/2021 15:57	NH
Bis(2-chloroethoxy)methane	BRL	350		ug/Kg-dry	325799	1	11/15/2021 15:57	NH
Bis(2-chloroethyl)ether	BRL	350		ug/Kg-dry	325799	1	11/15/2021 15:57	NH
Bis(2-chloroisopropyl)ether	BRL	350		ug/Kg-dry	325799	1	11/15/2021 15:57	NH
Bis(2-ethylhexyl)phthalate	BRL	350		ug/Kg-dry	325799	1	11/15/2021 15:57	NH
Butyl benzyl phthalate	BRL	350		ug/Kg-dry	325799	1	11/15/2021 15:57	NH
Chrysene	BRL	350		ug/Kg-dry	325799	1	11/15/2021 15:57	NH
Di-n-butyl phthalate	BRL	350		ug/Kg-dry	325799	1	11/15/2021 15:57	NH
Di-n-octyl phthalate	BRL	350		ug/Kg-dry	325799	1	11/15/2021 15:57	NH
Dibenz(a,h)anthracene	BRL	350		ug/Kg-dry	325799	1	11/15/2021 15:57	NH
Diethyl phthalate	BRL	350		ug/Kg-dry	325799	1	11/15/2021 15:57	NH
Dimethyl phthalate	BRL	350		ug/Kg-dry	325799	1	11/15/2021 15:57	NH
Fluoranthene	BRL	350		ug/Kg-dry	325799	1	11/15/2021 15:57	NH
Fluorene	BRL	350		ug/Kg-dry	325799	1	11/15/2021 15:57	NH
Hexachlorobenzene	BRL	350		ug/Kg-dry	325799	1	11/15/2021 15:57	NH
Hexachlorobutadiene	BRL	350		ug/Kg-dry	325799	1	11/15/2021 15:57	NH
Hexachlorocyclopentadiene	BRL	710		ug/Kg-dry	325799	1	11/15/2021 15:57	NH
Hexachloroethane	BRL	350		ug/Kg-dry	325799	1	11/15/2021 15:57	NH
Indeno(1,2,3-cd)pyrene	BRL	350		ug/Kg-dry	325799	1	11/15/2021 15:57	NH
Isophorone	BRL	350		ug/Kg-dry	325799	1	11/15/2021 15:57	NH
N-Nitrosodi-n-propylamine	BRL	350		ug/Kg-dry	325799	1	11/15/2021 15:57	NH
N-Nitrosodiphenylamine	BRL	350		ug/Kg-dry	325799	1	11/15/2021 15:57	NH
Naphthalene	BRL	350		ug/Kg-dry	325799	1	11/15/2021 15:57	NH
Nitrobenzene	BRL	350		ug/Kg-dry	325799	1	11/15/2021 15:57	NH
Pentachlorophenol	BRL	1800		ug/Kg-dry	325799	1	11/15/2021 15:57	NH

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: United Consulting Group Inc.	Client Sample ID: UCMW-3 (6-7)
Project Name: Atlanta Beltline NETrail	Collection Date: 11/9/2021 8:42:00 AM
Lab ID: 2111A71-002	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL-SEMIVOLATILE ORGANICS SW8270E					(SW3550C)			
Phenanthrene	BRL	350		ug/Kg-dry	325799	1	11/15/2021 15:57	NH
Phenol	BRL	350		ug/Kg-dry	325799	1	11/15/2021 15:57	NH
Pyrene	BRL	350		ug/Kg-dry	325799	1	11/15/2021 15:57	NH
Surr: 2,4,6-Tribromophenol	72.7	44.9-127		%REC	325799	1	11/15/2021 15:57	NH
Surr: 2-Fluorobiphenyl	69.2	50.1-120		%REC	325799	1	11/15/2021 15:57	NH
Surr: 2-Fluorophenol	67	40.8-120		%REC	325799	1	11/15/2021 15:57	NH
Surr: 4-Terphenyl-d14	68.9	50.9-120		%REC	325799	1	11/15/2021 15:57	NH
Surr: Nitrobenzene-d5	56.4	41-120		%REC	325799	1	11/15/2021 15:57	NH
Surr: Phenol-d5	62.7	45.3-120		%REC	325799	1	11/15/2021 15:57	NH
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	BRL	3.54		mg/Kg-dry	325901	1	11/17/2021 14:59	KB
Barium	154	3.54		mg/Kg-dry	325901	1	11/17/2021 14:59	KB
Cadmium	BRL	1.42		mg/Kg-dry	325901	1	11/17/2021 14:59	KB
Chromium	78.2	1.77		mg/Kg-dry	325901	1	11/17/2021 14:59	KB
Lead	BRL	3.54		mg/Kg-dry	325901	1	11/17/2021 14:59	KB
Selenium	BRL	1.42		mg/Kg-dry	325901	1	11/17/2021 14:59	KB
Silver	BRL	1.42		mg/Kg-dry	325901	1	11/17/2021 14:59	KB
PERCENT MOISTURE D2216								
Percent Moisture	6.65	0		wt%	R469913	1	11/11/2021 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: United Consulting Group Inc.
Project Name: Atlanta Beltline NETrail
Lab ID: 2111A71-003

Client Sample ID: UCMW-4 (0-1)
Collection Date: 11/9/2021 9:15:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260D				(SW5035)				
1,1,1-Trichloroethane	BRL	6.1		ug/Kg-dry	325912	1	11/15/2021 20:04	RC
1,1,2,2-Tetrachloroethane	BRL	6.1		ug/Kg-dry	325912	1	11/15/2021 20:04	RC
1,1,2-Trichloroethane	BRL	6.1		ug/Kg-dry	325912	1	11/15/2021 20:04	RC
1,1-Dichloroethane	BRL	6.1		ug/Kg-dry	325912	1	11/15/2021 20:04	RC
1,1-Dichloroethene	BRL	6.1		ug/Kg-dry	325912	1	11/15/2021 20:04	RC
1,2,4-Trichlorobenzene	BRL	6.1		ug/Kg-dry	325912	1	11/15/2021 20:04	RC
1,2-Dichlorobenzene	BRL	6.1		ug/Kg-dry	325912	1	11/15/2021 20:04	RC
1,2-Dichloroethane	BRL	6.1		ug/Kg-dry	325912	1	11/15/2021 20:04	RC
1,2-Dichloropropane	BRL	6.1		ug/Kg-dry	325912	1	11/15/2021 20:04	RC
1,3-Dichlorobenzene	BRL	6.1		ug/Kg-dry	325912	1	11/15/2021 20:04	RC
1,4-Dichlorobenzene	BRL	6.1		ug/Kg-dry	325912	1	11/15/2021 20:04	RC
2-Butanone	BRL	61		ug/Kg-dry	325912	1	11/15/2021 20:04	RC
Acrolein	BRL	61		ug/Kg-dry	325912	1	11/15/2021 20:04	RC
Acrylonitrile	BRL	61		ug/Kg-dry	325912	1	11/15/2021 20:04	RC
Benzene	BRL	6.1		ug/Kg-dry	325912	1	11/15/2021 20:04	RC
Bromodichloromethane	BRL	6.1		ug/Kg-dry	325912	1	11/15/2021 20:04	RC
Bromoform	BRL	6.1		ug/Kg-dry	325912	1	11/15/2021 20:04	RC
Bromomethane	BRL	6.1		ug/Kg-dry	325912	1	11/15/2021 20:04	RC
Carbon tetrachloride	BRL	6.1		ug/Kg-dry	325912	1	11/15/2021 20:04	RC
Chlorobenzene	BRL	6.1		ug/Kg-dry	325912	1	11/15/2021 20:04	RC
Chloroethane	BRL	12		ug/Kg-dry	325912	1	11/15/2021 20:04	RC
Chloroform	BRL	6.1		ug/Kg-dry	325912	1	11/15/2021 20:04	RC
Chloromethane	BRL	12		ug/Kg-dry	325912	1	11/15/2021 20:04	RC
cis-1,3-Dichloropropene	BRL	6.1		ug/Kg-dry	325912	1	11/15/2021 20:04	RC
Dibromochloromethane	BRL	6.1		ug/Kg-dry	325912	1	11/15/2021 20:04	RC
Ethylbenzene	BRL	6.1		ug/Kg-dry	325912	1	11/15/2021 20:04	RC
Methylene chloride	BRL	24		ug/Kg-dry	325912	1	11/15/2021 20:04	RC
Styrene	BRL	6.1		ug/Kg-dry	325912	1	11/15/2021 20:04	RC
Tetrachloroethene	BRL	6.1		ug/Kg-dry	325912	1	11/15/2021 20:04	RC
Toluene	BRL	6.1		ug/Kg-dry	325912	1	11/15/2021 20:04	RC
trans-1,2-Dichloroethene	BRL	6.1		ug/Kg-dry	325912	1	11/15/2021 20:04	RC
trans-1,3-Dichloropropene	BRL	6.1		ug/Kg-dry	325912	1	11/15/2021 20:04	RC
Trichloroethene	BRL	6.1		ug/Kg-dry	325912	1	11/15/2021 20:04	RC
Vinyl chloride	BRL	12		ug/Kg-dry	325912	1	11/15/2021 20:04	RC
Xylenes, Total	BRL	6.1		ug/Kg-dry	325912	1	11/15/2021 20:04	RC
Surr: 4-Bromofluorobenzene	88	65-124		%REC	325912	1	11/15/2021 20:04	RC
Surr: Dibromofluoromethane	101	74.8-123		%REC	325912	1	11/15/2021 20:04	RC
Surr: Toluene-d8	94.2	69.2-128		%REC	325912	1	11/15/2021 20:04	RC
Total Mercury by SW7473				(SW7473)				
Mercury	BRL	0.118		mg/Kg-dry	326008	1	11/17/2021 10:23	GR
TCL-SEMIVOLATILE ORGANICS SW8270E				(SW3550C)				
2,4,6-Trichlorophenol	BRL	390		ug/Kg-dry	325799	1	11/15/2021 16:24	NH
2,4-Dichlorophenol	BRL	390		ug/Kg-dry	325799	1	11/15/2021 16:24	NH

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: United Consulting Group Inc.	Client Sample ID: UCMW-4 (0-1)
Project Name: Atlanta Beltline NETrail	Collection Date: 11/9/2021 9:15:00 AM
Lab ID: 2111A71-003	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL-SEMIVOLATILE ORGANICS SW8270E		(SW3550C)						
Phenanthrene	BRL	390		ug/Kg-dry	325799	1	11/15/2021 16:24	NH
Phenol	BRL	390		ug/Kg-dry	325799	1	11/15/2021 16:24	NH
Pyrene	910	390		ug/Kg-dry	325799	1	11/15/2021 16:24	NH
Surr: 2,4,6-Tribromophenol	72.7	44.9-127		%REC	325799	1	11/15/2021 16:24	NH
Surr: 2-Fluorobiphenyl	70.4	50.1-120		%REC	325799	1	11/15/2021 16:24	NH
Surr: 2-Fluorophenol	62.1	40.8-120		%REC	325799	1	11/15/2021 16:24	NH
Surr: 4-Terphenyl-d14	71.3	50.9-120		%REC	325799	1	11/15/2021 16:24	NH
Surr: Nitrobenzene-d5	60.2	41-120		%REC	325799	1	11/15/2021 16:24	NH
Surr: Phenol-d5	60.6	45.3-120		%REC	325799	1	11/15/2021 16:24	NH
METALS, TOTAL SW6010D		(SW3050B)						
Arsenic	22.5	4.05		mg/Kg-dry	325901	1	11/17/2021 14:33	KB
Barium	210	4.05		mg/Kg-dry	325901	1	11/17/2021 14:33	KB
Cadmium	BRL	1.62		mg/Kg-dry	325901	1	11/17/2021 14:33	KB
Chromium	53.2	2.02		mg/Kg-dry	325901	1	11/17/2021 14:33	KB
Lead	16.8	4.05		mg/Kg-dry	325901	1	11/17/2021 14:33	KB
Selenium	BRL	1.62		mg/Kg-dry	325901	1	11/17/2021 14:33	KB
Silver	BRL	1.62		mg/Kg-dry	325901	1	11/17/2021 14:33	KB
PERCENT MOISTURE D2216								
Percent Moisture	14.9	0		wt%	R469913	1	11/11/2021 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: United Consulting Group Inc.	Client Sample ID: UCMW-4 (18-20)
Project Name: Atlanta Beltline NETrail	Collection Date: 11/9/2021 9:26:00 AM
Lab ID: 2111A71-004	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260D				(SW5035)				
1,1,1-Trichloroethane	BRL	4.0		ug/Kg-dry	325912	1	11/15/2021 20:28	RC
1,1,2,2-Tetrachloroethane	BRL	4.0		ug/Kg-dry	325912	1	11/15/2021 20:28	RC
1,1,2-Trichloroethane	BRL	4.0		ug/Kg-dry	325912	1	11/15/2021 20:28	RC
1,1-Dichloroethane	BRL	4.0		ug/Kg-dry	325912	1	11/15/2021 20:28	RC
1,1-Dichloroethene	BRL	4.0		ug/Kg-dry	325912	1	11/15/2021 20:28	RC
1,2,4-Trichlorobenzene	BRL	4.0		ug/Kg-dry	325912	1	11/15/2021 20:28	RC
1,2-Dichlorobenzene	BRL	4.0		ug/Kg-dry	325912	1	11/15/2021 20:28	RC
1,2-Dichloroethane	BRL	4.0		ug/Kg-dry	325912	1	11/15/2021 20:28	RC
1,2-Dichloropropane	BRL	4.0		ug/Kg-dry	325912	1	11/15/2021 20:28	RC
1,3-Dichlorobenzene	BRL	4.0		ug/Kg-dry	325912	1	11/15/2021 20:28	RC
1,4-Dichlorobenzene	BRL	4.0		ug/Kg-dry	325912	1	11/15/2021 20:28	RC
2-Butanone	BRL	40		ug/Kg-dry	325912	1	11/15/2021 20:28	RC
Acrolein	BRL	40		ug/Kg-dry	325912	1	11/15/2021 20:28	RC
Acrylonitrile	BRL	40		ug/Kg-dry	325912	1	11/15/2021 20:28	RC
Benzene	BRL	4.0		ug/Kg-dry	325912	1	11/15/2021 20:28	RC
Bromodichloromethane	BRL	4.0		ug/Kg-dry	325912	1	11/15/2021 20:28	RC
Bromoform	BRL	4.0		ug/Kg-dry	325912	1	11/15/2021 20:28	RC
Bromomethane	BRL	4.0		ug/Kg-dry	325912	1	11/15/2021 20:28	RC
Carbon tetrachloride	BRL	4.0		ug/Kg-dry	325912	1	11/15/2021 20:28	RC
Chlorobenzene	BRL	4.0		ug/Kg-dry	325912	1	11/15/2021 20:28	RC
Chloroethane	BRL	7.9		ug/Kg-dry	325912	1	11/15/2021 20:28	RC
Chloroform	BRL	4.0		ug/Kg-dry	325912	1	11/15/2021 20:28	RC
Chloromethane	BRL	7.9		ug/Kg-dry	325912	1	11/15/2021 20:28	RC
cis-1,3-Dichloropropene	BRL	4.0		ug/Kg-dry	325912	1	11/15/2021 20:28	RC
Dibromochloromethane	BRL	4.0		ug/Kg-dry	325912	1	11/15/2021 20:28	RC
Ethylbenzene	BRL	4.0		ug/Kg-dry	325912	1	11/15/2021 20:28	RC
Methylene chloride	BRL	16		ug/Kg-dry	325912	1	11/15/2021 20:28	RC
Styrene	BRL	4.0		ug/Kg-dry	325912	1	11/15/2021 20:28	RC
Tetrachloroethene	BRL	4.0		ug/Kg-dry	325912	1	11/15/2021 20:28	RC
Toluene	BRL	4.0		ug/Kg-dry	325912	1	11/15/2021 20:28	RC
trans-1,2-Dichloroethene	BRL	4.0		ug/Kg-dry	325912	1	11/15/2021 20:28	RC
trans-1,3-Dichloropropene	BRL	4.0		ug/Kg-dry	325912	1	11/15/2021 20:28	RC
Trichloroethene	BRL	4.0		ug/Kg-dry	325912	1	11/15/2021 20:28	RC
Vinyl chloride	BRL	7.9		ug/Kg-dry	325912	1	11/15/2021 20:28	RC
Xylenes, Total	BRL	4.0		ug/Kg-dry	325912	1	11/15/2021 20:28	RC
Surr: 4-Bromofluorobenzene	87.1	65-124		%REC	325912	1	11/15/2021 20:28	RC
Surr: Dibromofluoromethane	103	74.8-123		%REC	325912	1	11/15/2021 20:28	RC
Surr: Toluene-d8	94.5	69.2-128		%REC	325912	1	11/15/2021 20:28	RC
Total Mercury by SW7473				(SW7473)				
Mercury	BRL	0.107		mg/Kg-dry	326008	1	11/17/2021 10:31	GR
TCL-SEMIVOLATILE ORGANICS SW8270E				(SW3550C)				
2,4,6-Trichlorophenol	BRL	350		ug/Kg-dry	325799	1	11/15/2021 16:50	NH
2,4-Dichlorophenol	BRL	350		ug/Kg-dry	325799	1	11/15/2021 16:50	NH

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: United Consulting Group Inc.	Client Sample ID: UCMW-4 (18-20)
Project Name: Atlanta Beltline NETrail	Collection Date: 11/9/2021 9:26:00 AM
Lab ID: 2111A71-004	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL-SEMIVOLATILE ORGANICS SW8270E		(SW3550C)						
Phenanthrene	BRL	350		ug/Kg-dry	325799	1	11/15/2021 16:50	NH
Phenol	BRL	350		ug/Kg-dry	325799	1	11/15/2021 16:50	NH
Pyrene	BRL	350		ug/Kg-dry	325799	1	11/15/2021 16:50	NH
Surr: 2,4,6-Tribromophenol	72.2	44.9-127		%REC	325799	1	11/15/2021 16:50	NH
Surr: 2-Fluorobiphenyl	72.2	50.1-120		%REC	325799	1	11/15/2021 16:50	NH
Surr: 2-Fluorophenol	69.9	40.8-120		%REC	325799	1	11/15/2021 16:50	NH
Surr: 4-Terphenyl-d14	70.8	50.9-120		%REC	325799	1	11/15/2021 16:50	NH
Surr: Nitrobenzene-d5	62	41-120		%REC	325799	1	11/15/2021 16:50	NH
Surr: Phenol-d5	68	45.3-120		%REC	325799	1	11/15/2021 16:50	NH
METALS, TOTAL SW6010D		(SW3050B)						
Arsenic	BRL	3.57		mg/Kg-dry	325901	1	11/17/2021 15:02	KB
Barium	216	3.57		mg/Kg-dry	325901	1	11/17/2021 15:02	KB
Cadmium	BRL	1.43		mg/Kg-dry	325901	1	11/17/2021 15:02	KB
Chromium	38.6	1.79		mg/Kg-dry	325901	1	11/17/2021 15:02	KB
Lead	BRL	3.57		mg/Kg-dry	325901	1	11/17/2021 15:02	KB
Selenium	BRL	1.43		mg/Kg-dry	325901	1	11/17/2021 15:02	KB
Silver	BRL	1.43		mg/Kg-dry	325901	1	11/17/2021 15:02	KB
PERCENT MOISTURE D2216								
Percent Moisture	6.54	0		wt%	R469913	1	11/11/2021 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: United Consulting Group Inc.
Project Name: Atlanta Beltline NETrail
Lab ID: 2111A71-005

Client Sample ID: UCSB-3 (0-1)
Collection Date: 11/9/2021 10:30:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260D				(SW5035)				
1,1,1-Trichloroethane	BRL	7.3		ug/Kg-dry	325912	1	11/15/2021 20:53	RC
1,1,2,2-Tetrachloroethane	BRL	7.3		ug/Kg-dry	325912	1	11/15/2021 20:53	RC
1,1,2-Trichloroethane	BRL	7.3		ug/Kg-dry	325912	1	11/15/2021 20:53	RC
1,1-Dichloroethane	BRL	7.3		ug/Kg-dry	325912	1	11/15/2021 20:53	RC
1,1-Dichloroethene	BRL	7.3		ug/Kg-dry	325912	1	11/15/2021 20:53	RC
1,2,4-Trichlorobenzene	BRL	7.3		ug/Kg-dry	325912	1	11/15/2021 20:53	RC
1,2-Dichlorobenzene	BRL	7.3		ug/Kg-dry	325912	1	11/15/2021 20:53	RC
1,2-Dichloroethane	BRL	7.3		ug/Kg-dry	325912	1	11/15/2021 20:53	RC
1,2-Dichloropropane	BRL	7.3		ug/Kg-dry	325912	1	11/15/2021 20:53	RC
1,3-Dichlorobenzene	BRL	7.3		ug/Kg-dry	325912	1	11/15/2021 20:53	RC
1,4-Dichlorobenzene	BRL	7.3		ug/Kg-dry	325912	1	11/15/2021 20:53	RC
2-Butanone	BRL	73		ug/Kg-dry	325912	1	11/15/2021 20:53	RC
Acrolein	BRL	73		ug/Kg-dry	325912	1	11/15/2021 20:53	RC
Acrylonitrile	BRL	73		ug/Kg-dry	325912	1	11/15/2021 20:53	RC
Benzene	BRL	7.3		ug/Kg-dry	325912	1	11/15/2021 20:53	RC
Bromodichloromethane	BRL	7.3		ug/Kg-dry	325912	1	11/15/2021 20:53	RC
Bromoform	BRL	7.3		ug/Kg-dry	325912	1	11/15/2021 20:53	RC
Bromomethane	BRL	7.3		ug/Kg-dry	325912	1	11/15/2021 20:53	RC
Carbon tetrachloride	BRL	7.3		ug/Kg-dry	325912	1	11/15/2021 20:53	RC
Chlorobenzene	BRL	7.3		ug/Kg-dry	325912	1	11/15/2021 20:53	RC
Chloroethane	BRL	15		ug/Kg-dry	325912	1	11/15/2021 20:53	RC
Chloroform	BRL	7.3		ug/Kg-dry	325912	1	11/15/2021 20:53	RC
Chloromethane	BRL	15		ug/Kg-dry	325912	1	11/15/2021 20:53	RC
cis-1,3-Dichloropropene	BRL	7.3		ug/Kg-dry	325912	1	11/15/2021 20:53	RC
Dibromochloromethane	BRL	7.3		ug/Kg-dry	325912	1	11/15/2021 20:53	RC
Ethylbenzene	BRL	7.3		ug/Kg-dry	325912	1	11/15/2021 20:53	RC
Methylene chloride	BRL	29		ug/Kg-dry	325912	1	11/15/2021 20:53	RC
Styrene	BRL	7.3		ug/Kg-dry	325912	1	11/15/2021 20:53	RC
Tetrachloroethene	BRL	7.3		ug/Kg-dry	325912	1	11/15/2021 20:53	RC
Toluene	BRL	7.3		ug/Kg-dry	325912	1	11/15/2021 20:53	RC
trans-1,2-Dichloroethene	BRL	7.3		ug/Kg-dry	325912	1	11/15/2021 20:53	RC
trans-1,3-Dichloropropene	BRL	7.3		ug/Kg-dry	325912	1	11/15/2021 20:53	RC
Trichloroethene	BRL	7.3		ug/Kg-dry	325912	1	11/15/2021 20:53	RC
Vinyl chloride	BRL	15		ug/Kg-dry	325912	1	11/15/2021 20:53	RC
Xylenes, Total	BRL	7.3		ug/Kg-dry	325912	1	11/15/2021 20:53	RC
Surr: 4-Bromofluorobenzene	81.5	65-124		%REC	325912	1	11/15/2021 20:53	RC
Surr: Dibromofluoromethane	101	74.8-123		%REC	325912	1	11/15/2021 20:53	RC
Surr: Toluene-d8	93.3	69.2-128		%REC	325912	1	11/15/2021 20:53	RC
Total Mercury by SW7473				(SW7473)				
Mercury	BRL	0.116		mg/Kg-dry	326008	1	11/17/2021 10:39	GR
TCL-SEMIVOLATILE ORGANICS SW8270E				(SW3550C)				
2,4,6-Trichlorophenol	BRL	380		ug/Kg-dry	325799	1	11/15/2021 17:17	NH
2,4-Dichlorophenol	BRL	380		ug/Kg-dry	325799	1	11/15/2021 17:17	NH

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:	United Consulting Group Inc.	Client Sample ID:	UCSB-3 (0-1)
Project Name:	Atlanta Beltline NETrail	Collection Date:	11/9/2021 10:30:00 AM
Lab ID:	2111A71-005	Matrix:	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL-SEMIVOLATILE ORGANICS	SW8270E	(SW3550C)						
2,4-Dimethylphenol	BRL	380		ug/Kg-dry	325799	1	11/15/2021 17:17	NH
2,4-Dinitrophenol	BRL	2000		ug/Kg-dry	325799	1	11/15/2021 17:17	NH
2,4-Dinitrotoluene	BRL	380		ug/Kg-dry	325799	1	11/15/2021 17:17	NH
2,6-Dinitrotoluene	BRL	380		ug/Kg-dry	325799	1	11/15/2021 17:17	NH
2-Chloronaphthalene	BRL	380		ug/Kg-dry	325799	1	11/15/2021 17:17	NH
2-Chlorophenol	BRL	380		ug/Kg-dry	325799	1	11/15/2021 17:17	NH
2-Nitrophenol	BRL	380		ug/Kg-dry	325799	1	11/15/2021 17:17	NH
3,3'-Dichlorobenzidine	BRL	780		ug/Kg-dry	325799	1	11/15/2021 17:17	NH
4,6-Dinitro-2-methylphenol	BRL	2000		ug/Kg-dry	325799	1	11/15/2021 17:17	NH
4-Bromophenyl phenyl ether	BRL	380		ug/Kg-dry	325799	1	11/15/2021 17:17	NH
4-Chloro-3-methylphenol	BRL	380		ug/Kg-dry	325799	1	11/15/2021 17:17	NH
4-Chlorophenyl phenyl ether	BRL	380		ug/Kg-dry	325799	1	11/15/2021 17:17	NH
4-Nitrophenol	BRL	2000		ug/Kg-dry	325799	1	11/15/2021 17:17	NH
Acenaphthene	BRL	380		ug/Kg-dry	325799	1	11/15/2021 17:17	NH
Acenaphthylene	BRL	380		ug/Kg-dry	325799	1	11/15/2021 17:17	NH
Anthracene	BRL	380		ug/Kg-dry	325799	1	11/15/2021 17:17	NH
Benz(a)anthracene	BRL	380		ug/Kg-dry	325799	1	11/15/2021 17:17	NH
Benzo(a)pyrene	BRL	380		ug/Kg-dry	325799	1	11/15/2021 17:17	NH
Benzo(b)fluoranthene	BRL	380		ug/Kg-dry	325799	1	11/15/2021 17:17	NH
Benzo(g,h,i)perylene	BRL	380		ug/Kg-dry	325799	1	11/15/2021 17:17	NH
Benzo(k)fluoranthene	BRL	380		ug/Kg-dry	325799	1	11/15/2021 17:17	NH
Bis(2-chloroethoxy)methane	BRL	380		ug/Kg-dry	325799	1	11/15/2021 17:17	NH
Bis(2-chloroethyl)ether	BRL	380		ug/Kg-dry	325799	1	11/15/2021 17:17	NH
Bis(2-chloroisopropyl)ether	BRL	380		ug/Kg-dry	325799	1	11/15/2021 17:17	NH
Bis(2-ethylhexyl)phthalate	BRL	380		ug/Kg-dry	325799	1	11/15/2021 17:17	NH
Butyl benzyl phthalate	BRL	380		ug/Kg-dry	325799	1	11/15/2021 17:17	NH
Chrysene	BRL	380		ug/Kg-dry	325799	1	11/15/2021 17:17	NH
Di-n-butyl phthalate	BRL	380		ug/Kg-dry	325799	1	11/15/2021 17:17	NH
Di-n-octyl phthalate	BRL	380		ug/Kg-dry	325799	1	11/15/2021 17:17	NH
Dibenz(a,h)anthracene	BRL	380		ug/Kg-dry	325799	1	11/15/2021 17:17	NH
Diethyl phthalate	BRL	380		ug/Kg-dry	325799	1	11/15/2021 17:17	NH
Dimethyl phthalate	BRL	380		ug/Kg-dry	325799	1	11/15/2021 17:17	NH
Fluoranthene	BRL	380		ug/Kg-dry	325799	1	11/15/2021 17:17	NH
Fluorene	BRL	380		ug/Kg-dry	325799	1	11/15/2021 17:17	NH
Hexachlorobenzene	BRL	380		ug/Kg-dry	325799	1	11/15/2021 17:17	NH
Hexachlorobutadiene	BRL	380		ug/Kg-dry	325799	1	11/15/2021 17:17	NH
Hexachlorocyclopentadiene	BRL	770		ug/Kg-dry	325799	1	11/15/2021 17:17	NH
Hexachloroethane	BRL	380		ug/Kg-dry	325799	1	11/15/2021 17:17	NH
Indeno(1,2,3-cd)pyrene	BRL	380		ug/Kg-dry	325799	1	11/15/2021 17:17	NH
Isophorone	BRL	380		ug/Kg-dry	325799	1	11/15/2021 17:17	NH
N-Nitrosodi-n-propylamine	BRL	380		ug/Kg-dry	325799	1	11/15/2021 17:17	NH
N-Nitrosodiphenylamine	BRL	380		ug/Kg-dry	325799	1	11/15/2021 17:17	NH
Naphthalene	BRL	380		ug/Kg-dry	325799	1	11/15/2021 17:17	NH
Nitrobenzene	BRL	380		ug/Kg-dry	325799	1	11/15/2021 17:17	NH
Pentachlorophenol	BRL	2000		ug/Kg-dry	325799	1	11/15/2021 17:17	NH

Qualifiers:

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- 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: United Consulting Group Inc.	Client Sample ID: UCSB-3 (0-1)
Project Name: Atlanta Beltline NETrail	Collection Date: 11/9/2021 10:30:00 AM
Lab ID: 2111A71-005	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL-SEMIVOLATILE ORGANICS SW8270E		(SW3550C)						
Phenanthrene	BRL	380		ug/Kg-dry	325799	1	11/15/2021 17:17	NH
Phenol	BRL	380		ug/Kg-dry	325799	1	11/15/2021 17:17	NH
Pyrene	BRL	380		ug/Kg-dry	325799	1	11/15/2021 17:17	NH
Surr: 2,4,6-Tribromophenol	67.8	44.9-127		%REC	325799	1	11/15/2021 17:17	NH
Surr: 2-Fluorobiphenyl	67.9	50.1-120		%REC	325799	1	11/15/2021 17:17	NH
Surr: 2-Fluorophenol	67.1	40.8-120		%REC	325799	1	11/15/2021 17:17	NH
Surr: 4-Terphenyl-d14	64.6	50.9-120		%REC	325799	1	11/15/2021 17:17	NH
Surr: Nitrobenzene-d5	58.8	41-120		%REC	325799	1	11/15/2021 17:17	NH
Surr: Phenol-d5	64.8	45.3-120		%REC	325799	1	11/15/2021 17:17	NH
METALS, TOTAL SW6010D		(SW3050B)						
Arsenic	9.41	3.95		mg/Kg-dry	325901	1	11/17/2021 15:05	KB
Barium	209	3.95		mg/Kg-dry	325901	1	11/17/2021 15:05	KB
Cadmium	BRL	1.58		mg/Kg-dry	325901	1	11/17/2021 15:05	KB
Chromium	39.8	1.98		mg/Kg-dry	325901	1	11/17/2021 15:05	KB
Lead	17.2	3.95		mg/Kg-dry	325901	1	11/17/2021 15:05	KB
Selenium	BRL	1.58		mg/Kg-dry	325901	1	11/17/2021 15:05	KB
Silver	BRL	1.58		mg/Kg-dry	325901	1	11/17/2021 15:05	KB
PERCENT MOISTURE D2216								
Percent Moisture	14.0	0		wt%	R469913	1	11/11/2021 00:00	JW

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- 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: United Consulting Group Inc.	Client Sample ID: UCMW--5 (4-6)
Project Name: Atlanta Beltline NETrail	Collection Date: 11/9/2021 11:15:00 AM
Lab ID: 2111A71-006	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260D			(SW5035)					
1,1,1-Trichloroethane	BRL	9.9		ug/Kg-dry	325912	1	11/16/2021 15:15	RC
1,1,2,2-Tetrachloroethane	BRL	9.9		ug/Kg-dry	325912	1	11/16/2021 15:15	RC
1,1,2-Trichloroethane	BRL	9.9		ug/Kg-dry	325912	1	11/16/2021 15:15	RC
1,1-Dichloroethane	BRL	9.9		ug/Kg-dry	325912	1	11/16/2021 15:15	RC
1,1-Dichloroethene	BRL	9.9		ug/Kg-dry	325912	1	11/16/2021 15:15	RC
1,2,4-Trichlorobenzene	BRL	9.9		ug/Kg-dry	325912	1	11/16/2021 15:15	RC
1,2-Dichlorobenzene	BRL	9.9		ug/Kg-dry	325912	1	11/16/2021 15:15	RC
1,2-Dichloroethane	BRL	9.9		ug/Kg-dry	325912	1	11/16/2021 15:15	RC
1,2-Dichloropropane	BRL	9.9		ug/Kg-dry	325912	1	11/16/2021 15:15	RC
1,3-Dichlorobenzene	BRL	9.9		ug/Kg-dry	325912	1	11/16/2021 15:15	RC
1,4-Dichlorobenzene	BRL	9.9		ug/Kg-dry	325912	1	11/16/2021 15:15	RC
2-Butanone	BRL	99		ug/Kg-dry	325912	1	11/16/2021 15:15	RC
Acrolein	BRL	99		ug/Kg-dry	325912	1	11/16/2021 15:15	RC
Acrylonitrile	BRL	99		ug/Kg-dry	325912	1	11/16/2021 15:15	RC
Benzene	BRL	9.9		ug/Kg-dry	325912	1	11/16/2021 15:15	RC
Bromodichloromethane	BRL	9.9		ug/Kg-dry	325912	1	11/16/2021 15:15	RC
Bromoform	BRL	9.9		ug/Kg-dry	325912	1	11/16/2021 15:15	RC
Bromomethane	BRL	9.9		ug/Kg-dry	325912	1	11/16/2021 15:15	RC
Carbon tetrachloride	BRL	9.9		ug/Kg-dry	325912	1	11/16/2021 15:15	RC
Chlorobenzene	BRL	9.9		ug/Kg-dry	325912	1	11/16/2021 15:15	RC
Chloroethane	BRL	20		ug/Kg-dry	325912	1	11/16/2021 15:15	RC
Chloroform	BRL	9.9		ug/Kg-dry	325912	1	11/16/2021 15:15	RC
Chloromethane	BRL	20		ug/Kg-dry	325912	1	11/16/2021 15:15	RC
cis-1,3-Dichloropropene	BRL	9.9		ug/Kg-dry	325912	1	11/16/2021 15:15	RC
Dibromochloromethane	BRL	9.9		ug/Kg-dry	325912	1	11/16/2021 15:15	RC
Ethylbenzene	BRL	9.9		ug/Kg-dry	325912	1	11/16/2021 15:15	RC
Methylene chloride	BRL	39		ug/Kg-dry	325912	1	11/16/2021 15:15	RC
Styrene	BRL	9.9		ug/Kg-dry	325912	1	11/16/2021 15:15	RC
Tetrachloroethene	BRL	9.9		ug/Kg-dry	325912	1	11/16/2021 15:15	RC
Toluene	BRL	9.9		ug/Kg-dry	325912	1	11/16/2021 15:15	RC
trans-1,2-Dichloroethene	BRL	9.9		ug/Kg-dry	325912	1	11/16/2021 15:15	RC
trans-1,3-Dichloropropene	BRL	9.9		ug/Kg-dry	325912	1	11/16/2021 15:15	RC
Trichloroethene	BRL	9.9		ug/Kg-dry	325912	1	11/16/2021 15:15	RC
Vinyl chloride	BRL	20		ug/Kg-dry	325912	1	11/16/2021 15:15	RC
Xylenes, Total	BRL	9.9		ug/Kg-dry	325912	1	11/16/2021 15:15	RC
Surr: 4-Bromofluorobenzene	95.7	65-124		%REC	325912	1	11/16/2021 15:15	RC
Surr: Dibromofluoromethane	94.2	74.8-123		%REC	325912	1	11/16/2021 15:15	RC
Surr: Toluene-d8	101	69.2-128		%REC	325912	1	11/16/2021 15:15	RC
Total Mercury by SW7473			(SW7473)					
Mercury	BRL	0.122		mg/Kg-dry	326008	1	11/17/2021 10:47	GR
TCL-SEMIVOLATILE ORGANICS SW8270E			(SW3550C)					
2,4,6-Trichlorophenol	BRL	400		ug/Kg-dry	325799	1	11/15/2021 17:43	NH
2,4-Dichlorophenol	BRL	400		ug/Kg-dry	325799	1	11/15/2021 17:43	NH

Qualifiers:	* 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: United Consulting Group Inc.
Project Name: Atlanta Beltline NETrail
Lab ID: 2111A71-006

Client Sample ID: UCMW--5 (4-6)
Collection Date: 11/9/2021 11:15:00 AM
Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL-SEMIVOLATILE ORGANICS SW8270E								
2,4-Dimethylphenol	BRL	400		ug/Kg-dry	325799	1	11/15/2021 17:43	NH
2,4-Dinitrophenol	BRL	2100		ug/Kg-dry	325799	1	11/15/2021 17:43	NH
2,4-Dinitrotoluene	BRL	400		ug/Kg-dry	325799	1	11/15/2021 17:43	NH
2,6-Dinitrotoluene	BRL	400		ug/Kg-dry	325799	1	11/15/2021 17:43	NH
2-Chloronaphthalene	BRL	400		ug/Kg-dry	325799	1	11/15/2021 17:43	NH
2-Chlorophenol	BRL	400		ug/Kg-dry	325799	1	11/15/2021 17:43	NH
2-Nitrophenol	BRL	400		ug/Kg-dry	325799	1	11/15/2021 17:43	NH
3,3'-Dichlorobenzidine	BRL	820		ug/Kg-dry	325799	1	11/15/2021 17:43	NH
4,6-Dinitro-2-methylphenol	BRL	2100		ug/Kg-dry	325799	1	11/15/2021 17:43	NH
4-Bromophenyl phenyl ether	BRL	400		ug/Kg-dry	325799	1	11/15/2021 17:43	NH
4-Chloro-3-methylphenol	BRL	400		ug/Kg-dry	325799	1	11/15/2021 17:43	NH
4-Chlorophenyl phenyl ether	BRL	400		ug/Kg-dry	325799	1	11/15/2021 17:43	NH
4-Nitrophenol	BRL	2100		ug/Kg-dry	325799	1	11/15/2021 17:43	NH
Acenaphthene	BRL	400		ug/Kg-dry	325799	1	11/15/2021 17:43	NH
Acenaphthylene	BRL	400		ug/Kg-dry	325799	1	11/15/2021 17:43	NH
Anthracene	BRL	400		ug/Kg-dry	325799	1	11/15/2021 17:43	NH
Benz(a)anthracene	BRL	400		ug/Kg-dry	325799	1	11/15/2021 17:43	NH
Benzo(a)pyrene	BRL	400		ug/Kg-dry	325799	1	11/15/2021 17:43	NH
Benzo(b)fluoranthene	BRL	400		ug/Kg-dry	325799	1	11/15/2021 17:43	NH
Benzo(g,h,i)perylene	BRL	400		ug/Kg-dry	325799	1	11/15/2021 17:43	NH
Benzo(k)fluoranthene	BRL	400		ug/Kg-dry	325799	1	11/15/2021 17:43	NH
Bis(2-chloroethoxy)methane	BRL	400		ug/Kg-dry	325799	1	11/15/2021 17:43	NH
Bis(2-chloroethyl)ether	BRL	400		ug/Kg-dry	325799	1	11/15/2021 17:43	NH
Bis(2-chloroisopropyl)ether	BRL	400		ug/Kg-dry	325799	1	11/15/2021 17:43	NH
Bis(2-ethylhexyl)phthalate	BRL	400		ug/Kg-dry	325799	1	11/15/2021 17:43	NH
Butyl benzyl phthalate	BRL	400		ug/Kg-dry	325799	1	11/15/2021 17:43	NH
Chrysene	BRL	400		ug/Kg-dry	325799	1	11/15/2021 17:43	NH
Di-n-butyl phthalate	BRL	400		ug/Kg-dry	325799	1	11/15/2021 17:43	NH
Di-n-octyl phthalate	BRL	400		ug/Kg-dry	325799	1	11/15/2021 17:43	NH
Dibenz(a,h)anthracene	BRL	400		ug/Kg-dry	325799	1	11/15/2021 17:43	NH
Diethyl phthalate	BRL	400		ug/Kg-dry	325799	1	11/15/2021 17:43	NH
Dimethyl phthalate	BRL	400		ug/Kg-dry	325799	1	11/15/2021 17:43	NH
Fluoranthene	BRL	400		ug/Kg-dry	325799	1	11/15/2021 17:43	NH
Fluorene	BRL	400		ug/Kg-dry	325799	1	11/15/2021 17:43	NH
Hexachlorobenzene	BRL	400		ug/Kg-dry	325799	1	11/15/2021 17:43	NH
Hexachlorobutadiene	BRL	400		ug/Kg-dry	325799	1	11/15/2021 17:43	NH
Hexachlorocyclopentadiene	BRL	800		ug/Kg-dry	325799	1	11/15/2021 17:43	NH
Hexachloroethane	BRL	400		ug/Kg-dry	325799	1	11/15/2021 17:43	NH
Indeno(1,2,3-cd)pyrene	BRL	400		ug/Kg-dry	325799	1	11/15/2021 17:43	NH
Isophorone	BRL	400		ug/Kg-dry	325799	1	11/15/2021 17:43	NH
N-Nitrosodi-n-propylamine	BRL	400		ug/Kg-dry	325799	1	11/15/2021 17:43	NH
N-Nitrosodiphenylamine	BRL	400		ug/Kg-dry	325799	1	11/15/2021 17:43	NH
Naphthalene	BRL	400		ug/Kg-dry	325799	1	11/15/2021 17:43	NH
Nitrobenzene	BRL	400		ug/Kg-dry	325799	1	11/15/2021 17:43	NH
Pentachlorophenol	BRL	2100		ug/Kg-dry	325799	1	11/15/2021 17:43	NH

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: United Consulting Group Inc.	Client Sample ID: UCMW--5 (4-6)
Project Name: Atlanta Beltline NETrail	Collection Date: 11/9/2021 11:15:00 AM
Lab ID: 2111A71-006	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL-SEMIVOLATILE ORGANICS SW8270E		(SW3550C)						
Phenanthrene	BRL	400		ug/Kg-dry	325799	1	11/15/2021 17:43	NH
Phenol	BRL	400		ug/Kg-dry	325799	1	11/15/2021 17:43	NH
Pyrene	BRL	400		ug/Kg-dry	325799	1	11/15/2021 17:43	NH
Surr: 2,4,6-Tribromophenol	67.1	44.9-127		%REC	325799	1	11/15/2021 17:43	NH
Surr: 2-Fluorobiphenyl	72.7	50.1-120		%REC	325799	1	11/15/2021 17:43	NH
Surr: 2-Fluorophenol	63.5	40.8-120		%REC	325799	1	11/15/2021 17:43	NH
Surr: 4-Terphenyl-d14	70.5	50.9-120		%REC	325799	1	11/15/2021 17:43	NH
Surr: Nitrobenzene-d5	60.7	41-120		%REC	325799	1	11/15/2021 17:43	NH
Surr: Phenol-d5	63.6	45.3-120		%REC	325799	1	11/15/2021 17:43	NH
METALS, TOTAL SW6010D		(SW3050B)						
Arsenic	20.7	4.52		mg/Kg-dry	325901	1	11/17/2021 15:08	KB
Barium	158	4.52		mg/Kg-dry	325901	1	11/17/2021 15:08	KB
Cadmium	BRL	1.81		mg/Kg-dry	325901	1	11/17/2021 15:08	KB
Chromium	35.9	2.26		mg/Kg-dry	325901	1	11/17/2021 15:08	KB
Lead	19.0	4.52		mg/Kg-dry	325901	1	11/17/2021 15:08	KB
Selenium	BRL	1.81		mg/Kg-dry	325901	1	11/17/2021 15:08	KB
Silver	BRL	1.81		mg/Kg-dry	325901	1	11/17/2021 15:08	KB
PERCENT MOISTURE D2216								
Percent Moisture	17.8	0		wt%	R469913	1	11/11/2021 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: United Consulting Group Inc.
Project Name: Atlanta Beltline NETrail
Lab ID: 2111A71-007

Client Sample ID: UCMW--5
Collection Date: 11/9/2021 12:00:00 PM
Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260D				(SW5030B)				
1,1,1-Trichloroethane	BRL	5.0		ug/L	325844	1	11/12/2021 18:58	CM
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	325844	1	11/12/2021 18:58	CM
1,1,2-Trichloroethane	BRL	5.0		ug/L	325844	1	11/12/2021 18:58	CM
1,1-Dichloroethane	BRL	5.0		ug/L	325844	1	11/12/2021 18:58	CM
1,1-Dichloroethene	BRL	5.0		ug/L	325844	1	11/12/2021 18:58	CM
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	325844	1	11/12/2021 18:58	CM
1,2-Dichlorobenzene	BRL	5.0		ug/L	325844	1	11/12/2021 18:58	CM
1,2-Dichloroethane	BRL	5.0		ug/L	325844	1	11/12/2021 18:58	CM
1,2-Dichloropropane	BRL	5.0		ug/L	325844	1	11/12/2021 18:58	CM
1,3-Dichlorobenzene	BRL	5.0		ug/L	325844	1	11/12/2021 18:58	CM
1,4-Dichlorobenzene	BRL	5.0		ug/L	325844	1	11/12/2021 18:58	CM
2-Butanone	BRL	50		ug/L	325844	1	11/12/2021 18:58	CM
Acrolein	BRL	20		ug/L	325844	1	11/12/2021 18:58	CM
Acrylonitrile	BRL	5.0		ug/L	325844	1	11/12/2021 18:58	CM
Benzene	BRL	5.0		ug/L	325844	1	11/12/2021 18:58	CM
Bromodichloromethane	BRL	5.0		ug/L	325844	1	11/12/2021 18:58	CM
Bromoform	BRL	5.0		ug/L	325844	1	11/12/2021 18:58	CM
Bromomethane	BRL	5.0		ug/L	325844	1	11/12/2021 18:58	CM
Carbon tetrachloride	BRL	5.0		ug/L	325844	1	11/12/2021 18:58	CM
Chlorobenzene	BRL	5.0		ug/L	325844	1	11/12/2021 18:58	CM
Chloroethane	BRL	10		ug/L	325844	1	11/12/2021 18:58	CM
Chloroform	BRL	5.0		ug/L	325844	1	11/12/2021 18:58	CM
Chloromethane	BRL	10		ug/L	325844	1	11/12/2021 18:58	CM
cis-1,3-Dichloropropene	BRL	5.0		ug/L	325844	1	11/12/2021 18:58	CM
Dibromochloromethane	BRL	5.0		ug/L	325844	1	11/12/2021 18:58	CM
Ethylbenzene	BRL	5.0		ug/L	325844	1	11/12/2021 18:58	CM
Methylene chloride	BRL	5.0		ug/L	325844	1	11/12/2021 18:58	CM
Styrene	BRL	5.0		ug/L	325844	1	11/12/2021 18:58	CM
Tetrachloroethene	BRL	5.0		ug/L	325844	1	11/12/2021 18:58	CM
trans-1,2-Dichloroethene	BRL	5.0		ug/L	325844	1	11/12/2021 18:58	CM
trans-1,3-Dichloropropene	BRL	5.0		ug/L	325844	1	11/12/2021 18:58	CM
Trichloroethene	BRL	5.0		ug/L	325844	1	11/12/2021 18:58	CM
Vinyl chloride	BRL	2.0		ug/L	325844	1	11/12/2021 18:58	CM
Toluene	BRL	5.0		ug/L	325844	1	11/12/2021 18:58	CM
Xylenes, Total	BRL	5.0		ug/L	325844	1	11/12/2021 18:58	CM
Surr: 4-Bromofluorobenzene	98.3	74.9-127		%REC	325844	1	11/12/2021 18:58	CM
Surr: Dibromofluoromethane	96.5	78.9-121		%REC	325844	1	11/12/2021 18:58	CM
Surr: Toluene-d8	99.1	81.5-120		%REC	325844	1	11/12/2021 18:58	CM
TCL-SEMIVOLATILE ORGANICS SW8270E				(SW3510C)				
2,4,6-Trichlorophenol	BRL	10		ug/L	325638	1	11/11/2021 19:54	NH
2,4-Dichlorophenol	BRL	10		ug/L	325638	1	11/11/2021 19:54	NH
2,4-Dimethylphenol	BRL	10		ug/L	325638	1	11/11/2021 19:54	NH
2,4-Dinitrophenol	BRL	25		ug/L	325638	1	11/11/2021 19:54	NH
2,4-Dinitrotoluene	BRL	10		ug/L	325638	1	11/11/2021 19:54	NH

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: United Consulting Group Inc.	Client Sample ID: UCMW--5
Project Name: Atlanta Beltline NETrail	Collection Date: 11/9/2021 12:00:00 PM
Lab ID: 2111A71-007	Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL-SEMIVOLATILE ORGANICS	SW8270E				(SW3510C)			
2,6-Dinitrotoluene	BRL	10		ug/L	325638	1	11/11/2021 19:54	NH
2-Chloronaphthalene	BRL	10		ug/L	325638	1	11/11/2021 19:54	NH
2-Chlorophenol	BRL	10		ug/L	325638	1	11/11/2021 19:54	NH
2-Nitrophenol	BRL	10		ug/L	325638	1	11/11/2021 19:54	NH
3,3'-Dichlorobenzidine	BRL	10		ug/L	325638	1	11/11/2021 19:54	NH
4,6-Dinitro-2-methylphenol	BRL	25		ug/L	325638	1	11/11/2021 19:54	NH
4-Bromophenyl phenyl ether	BRL	10		ug/L	325638	1	11/11/2021 19:54	NH
4-Chloro-3-methylphenol	BRL	10		ug/L	325638	1	11/11/2021 19:54	NH
4-Chlorophenyl phenyl ether	BRL	10		ug/L	325638	1	11/11/2021 19:54	NH
4-Nitrophenol	BRL	25		ug/L	325638	1	11/11/2021 19:54	NH
Acenaphthene	BRL	10		ug/L	325638	1	11/11/2021 19:54	NH
Acenaphthylene	BRL	10		ug/L	325638	1	11/11/2021 19:54	NH
Anthracene	BRL	10		ug/L	325638	1	11/11/2021 19:54	NH
Benz(a)anthracene	BRL	10		ug/L	325638	1	11/11/2021 19:54	NH
Benzo(a)pyrene	BRL	10		ug/L	325638	1	11/11/2021 19:54	NH
Benzo(b)fluoranthene	BRL	10		ug/L	325638	1	11/11/2021 19:54	NH
Benzo(g,h,i)perylene	BRL	10		ug/L	325638	1	11/11/2021 19:54	NH
Benzo(k)fluoranthene	BRL	10		ug/L	325638	1	11/11/2021 19:54	NH
Bis(2-chloroethoxy)methane	BRL	10		ug/L	325638	1	11/11/2021 19:54	NH
Bis(2-chloroethyl)ether	BRL	10		ug/L	325638	1	11/11/2021 19:54	NH
Bis(2-chloroisopropyl)ether	BRL	10		ug/L	325638	1	11/11/2021 19:54	NH
Bis(2-ethylhexyl)phthalate	BRL	10		ug/L	325638	1	11/11/2021 19:54	NH
Butyl benzyl phthalate	BRL	10		ug/L	325638	1	11/11/2021 19:54	NH
Chrysene	BRL	10		ug/L	325638	1	11/11/2021 19:54	NH
Di-n-butyl phthalate	BRL	10		ug/L	325638	1	11/11/2021 19:54	NH
Di-n-octyl phthalate	BRL	10		ug/L	325638	1	11/11/2021 19:54	NH
Dibenz(a,h)anthracene	BRL	10		ug/L	325638	1	11/11/2021 19:54	NH
Diethyl phthalate	BRL	10		ug/L	325638	1	11/11/2021 19:54	NH
Dimethyl phthalate	BRL	10		ug/L	325638	1	11/11/2021 19:54	NH
Fluoranthene	BRL	10		ug/L	325638	1	11/11/2021 19:54	NH
Fluorene	BRL	10		ug/L	325638	1	11/11/2021 19:54	NH
Hexachlorobenzene	BRL	10		ug/L	325638	1	11/11/2021 19:54	NH
Hexachlorobutadiene	BRL	10		ug/L	325638	1	11/11/2021 19:54	NH
Hexachlorocyclopentadiene	BRL	10		ug/L	325638	1	11/11/2021 19:54	NH
Hexachloroethane	BRL	10		ug/L	325638	1	11/11/2021 19:54	NH
Indeno(1,2,3-cd)pyrene	BRL	10		ug/L	325638	1	11/11/2021 19:54	NH
Isophorone	BRL	10		ug/L	325638	1	11/11/2021 19:54	NH
N-Nitrosodi-n-propylamine	BRL	10		ug/L	325638	1	11/11/2021 19:54	NH
N-Nitrosodiphenylamine	BRL	10		ug/L	325638	1	11/11/2021 19:54	NH
Naphthalene	BRL	10		ug/L	325638	1	11/11/2021 19:54	NH
Nitrobenzene	BRL	10		ug/L	325638	1	11/11/2021 19:54	NH
Pentachlorophenol	BRL	25		ug/L	325638	1	11/11/2021 19:54	NH
Phenanthrene	BRL	10		ug/L	325638	1	11/11/2021 19:54	NH
Phenol	BRL	10		ug/L	325638	1	11/11/2021 19:54	NH
Pyrene	BRL	10		ug/L	325638	1	11/11/2021 19:54	NH

Qualifiers:	* 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: United Consulting Group Inc.	Client Sample ID: UCMW--5
Project Name: Atlanta Beltline NETrail	Collection Date: 11/9/2021 12:00:00 PM
Lab ID: 2111A71-007	Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL-SEMIVOLATILE ORGANICS SW8270E					(SW3510C)			
Surr: 2,4,6-Tribromophenol	89	46-135		%REC	325638	1	11/11/2021 19:54	NH
Surr: 2-Fluorobiphenyl	87.8	45-121		%REC	325638	1	11/11/2021 19:54	NH
Surr: 2-Fluorophenol	44.1	28.2-120		%REC	325638	1	11/11/2021 19:54	NH
Surr: 4-Terphenyl-d14	90.9	44-120		%REC	325638	1	11/11/2021 19:54	NH
Surr: Nitrobenzene-d5	70.5	41-123		%REC	325638	1	11/11/2021 19:54	NH
Surr: Phenol-d5	25.3	19.5-120		%REC	325638	1	11/11/2021 19:54	NH
METALS, DISSOLVED SW6010D					(SW3005A)			
Arsenic	BRL	0.0100		mg/L	325611	1	11/15/2021 16:22	KB
Barium	0.107	0.0200		mg/L	325611	1	11/15/2021 16:22	KB
Cadmium	BRL	0.0050		mg/L	325611	1	11/15/2021 16:22	KB
Chromium	BRL	0.0100		mg/L	325611	1	11/15/2021 16:22	KB
Lead	BRL	0.0100		mg/L	325611	1	11/15/2021 16:22	KB
Selenium	BRL	0.0200		mg/L	325611	1	11/15/2021 16:22	KB
Silver	BRL	0.0100		mg/L	325611	1	11/15/2021 16:22	KB
Mercury, Total SW7470A					(SW7470A)			
Mercury	BRL	0.00020		mg/L	326014	1	11/17/2021 18:30	GR
Mercury, Dissolved SW7470A					(SW7470A)			
Mercury	BRL	0.00020		mg/L	325864	1	11/15/2021 22:36	GR
METALS, TOTAL SW6010D					(SW3010A)			
Arsenic	BRL	0.0100		mg/L	325813	1	11/17/2021 11:30	KB
Barium	0.183	0.0200		mg/L	325813	1	11/16/2021 12:51	KB
Cadmium	BRL	0.0050		mg/L	325813	1	11/16/2021 12:51	KB
Chromium	0.0228	0.0100		mg/L	325813	1	11/16/2021 12:51	KB
Lead	BRL	0.0100		mg/L	325813	1	11/16/2021 12:51	KB
Selenium	BRL	0.0200		mg/L	325813	1	11/16/2021 12:51	KB
Silver	BRL	0.0100		mg/L	325813	1	11/16/2021 12:51	KB

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: United Consulting Group Inc.	Client Sample ID: DUP-1
Project Name: Atlanta Beltline NETrail	Collection Date: 11/9/2021
Lab ID: 2111A71-008	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Total Mercury by SW7473		(SW7473)						
Mercury	BRL	0.120		mg/Kg-dry	326008	1	11/17/2021 10:55	GR
METALS, TOTAL SW6010D		(SW3050B)						
Arsenic	21.8	4.21		mg/Kg-dry	325901	1	11/17/2021 15:11	KB
Barium	224	4.21		mg/Kg-dry	325901	1	11/17/2021 15:11	KB
Cadmium	BRL	1.68		mg/Kg-dry	325901	1	11/17/2021 15:11	KB
Chromium	58.2	2.11		mg/Kg-dry	325901	1	11/17/2021 15:11	KB
Lead	19.2	4.21		mg/Kg-dry	325901	1	11/17/2021 15:11	KB
Selenium	BRL	1.68		mg/Kg-dry	325901	1	11/17/2021 15:11	KB
Silver	BRL	1.68		mg/Kg-dry	325901	1	11/17/2021 15:11	KB
PERCENT MOISTURE D2216								
Percent Moisture	16.9	0		wt%	R469913	1	11/11/2021 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: United Consulting Group Inc.
Project Name: Atlanta Beltline NETrail
Lab ID: 2111A71-009

Client Sample ID: DUP-1
Collection Date: 11/9/2021
Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL-SEMIVOLATILE ORGANICS	SW8270E				(SW3510C)			
2,4,6-Trichlorophenol	BRL	10		ug/L	325638	1	11/11/2021 18:37	NH
2,4-Dichlorophenol	BRL	10		ug/L	325638	1	11/11/2021 18:37	NH
2,4-Dimethylphenol	BRL	10		ug/L	325638	1	11/11/2021 18:37	NH
2,4-Dinitrophenol	BRL	25		ug/L	325638	1	11/11/2021 18:37	NH
2,4-Dinitrotoluene	BRL	10		ug/L	325638	1	11/11/2021 18:37	NH
2,6-Dinitrotoluene	BRL	10		ug/L	325638	1	11/11/2021 18:37	NH
2-Chloronaphthalene	BRL	10		ug/L	325638	1	11/11/2021 18:37	NH
2-Chlorophenol	BRL	10		ug/L	325638	1	11/11/2021 18:37	NH
2-Nitrophenol	BRL	10		ug/L	325638	1	11/11/2021 18:37	NH
3,3'-Dichlorobenzidine	BRL	10		ug/L	325638	1	11/11/2021 18:37	NH
4,6-Dinitro-2-methylphenol	BRL	25		ug/L	325638	1	11/11/2021 18:37	NH
4-Bromophenyl phenyl ether	BRL	10		ug/L	325638	1	11/11/2021 18:37	NH
4-Chloro-3-methylphenol	BRL	10		ug/L	325638	1	11/11/2021 18:37	NH
4-Chlorophenyl phenyl ether	BRL	10		ug/L	325638	1	11/11/2021 18:37	NH
4-Nitrophenol	BRL	25		ug/L	325638	1	11/11/2021 18:37	NH
Acenaphthene	BRL	10		ug/L	325638	1	11/11/2021 18:37	NH
Acenaphthylene	BRL	10		ug/L	325638	1	11/11/2021 18:37	NH
Anthracene	BRL	10		ug/L	325638	1	11/11/2021 18:37	NH
Benz(a)anthracene	BRL	10		ug/L	325638	1	11/11/2021 18:37	NH
Benzo(a)pyrene	BRL	10		ug/L	325638	1	11/11/2021 18:37	NH
Benzo(b)fluoranthene	BRL	10		ug/L	325638	1	11/11/2021 18:37	NH
Benzo(g,h,i)perylene	BRL	10		ug/L	325638	1	11/11/2021 18:37	NH
Benzo(k)fluoranthene	BRL	10		ug/L	325638	1	11/11/2021 18:37	NH
Bis(2-chloroethoxy)methane	BRL	10		ug/L	325638	1	11/11/2021 18:37	NH
Bis(2-chloroethyl)ether	BRL	10		ug/L	325638	1	11/11/2021 18:37	NH
Bis(2-chloroisopropyl)ether	BRL	10		ug/L	325638	1	11/11/2021 18:37	NH
Bis(2-ethylhexyl)phthalate	BRL	10		ug/L	325638	1	11/11/2021 18:37	NH
Butyl benzyl phthalate	BRL	10		ug/L	325638	1	11/11/2021 18:37	NH
Chrysene	BRL	10		ug/L	325638	1	11/11/2021 18:37	NH
Di-n-butyl phthalate	BRL	10		ug/L	325638	1	11/11/2021 18:37	NH
Di-n-octyl phthalate	BRL	10		ug/L	325638	1	11/11/2021 18:37	NH
Dibenz(a,h)anthracene	BRL	10		ug/L	325638	1	11/11/2021 18:37	NH
Diethyl phthalate	BRL	10		ug/L	325638	1	11/11/2021 18:37	NH
Dimethyl phthalate	BRL	10		ug/L	325638	1	11/11/2021 18:37	NH
Fluoranthene	BRL	10		ug/L	325638	1	11/11/2021 18:37	NH
Fluorene	BRL	10		ug/L	325638	1	11/11/2021 18:37	NH
Hexachlorobenzene	BRL	10		ug/L	325638	1	11/11/2021 18:37	NH
Hexachlorobutadiene	BRL	10		ug/L	325638	1	11/11/2021 18:37	NH
Hexachlorocyclopentadiene	BRL	10		ug/L	325638	1	11/11/2021 18:37	NH
Hexachloroethane	BRL	10		ug/L	325638	1	11/11/2021 18:37	NH
Indeno(1,2,3-cd)pyrene	BRL	10		ug/L	325638	1	11/11/2021 18:37	NH
Isophorone	BRL	10		ug/L	325638	1	11/11/2021 18:37	NH
N-Nitrosodi-n-propylamine	BRL	10		ug/L	325638	1	11/11/2021 18:37	NH
N-Nitrosodiphenylamine	BRL	10		ug/L	325638	1	11/11/2021 18:37	NH
Naphthalene	BRL	10		ug/L	325638	1	11/11/2021 18:37	NH

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: United Consulting Group Inc.	Client Sample ID: DUP-1
Project Name: Atlanta Beltline NETrail	Collection Date: 11/9/2021
Lab ID: 2111A71-009	Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL-SEMIVOLATILE ORGANICS	SW8270E				(SW3510C)			
Nitrobenzene	BRL	10		ug/L	325638	1	11/11/2021 18:37	NH
Pentachlorophenol	BRL	25		ug/L	325638	1	11/11/2021 18:37	NH
Phenanthrene	BRL	10		ug/L	325638	1	11/11/2021 18:37	NH
Phenol	BRL	10		ug/L	325638	1	11/11/2021 18:37	NH
Pyrene	BRL	10		ug/L	325638	1	11/11/2021 18:37	NH
Surr: 2,4,6-Tribromophenol	81.8	46-135		%REC	325638	1	11/11/2021 18:37	NH
Surr: 2-Fluorobiphenyl	81.5	45-121		%REC	325638	1	11/11/2021 18:37	NH
Surr: 2-Fluorophenol	54.8	28.2-120		%REC	325638	1	11/11/2021 18:37	NH
Surr: 4-Terphenyl-d14	101	44-120		%REC	325638	1	11/11/2021 18:37	NH
Surr: Nitrobenzene-d5	73.4	41-123		%REC	325638	1	11/11/2021 18:37	NH
Surr: Phenol-d5	36.7	19.5-120		%REC	325638	1	11/11/2021 18:37	NH

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: United Consulting Group Inc.	Client Sample ID: TRIP BLANK
Project Name: Atlanta Beltline NETrail	Collection Date: 11/9/2021
Lab ID: 2111A71-010	Matrix: Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260D				(SW5030B)				
1,1,1-Trichloroethane	BRL	5.0		ug/L	325844	1	11/12/2021 12:03	CM
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	325844	1	11/12/2021 12:03	CM
1,1,2-Trichloroethane	BRL	5.0		ug/L	325844	1	11/12/2021 12:03	CM
1,1-Dichloroethane	BRL	5.0		ug/L	325844	1	11/12/2021 12:03	CM
1,1-Dichloroethene	BRL	5.0		ug/L	325844	1	11/12/2021 12:03	CM
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	325844	1	11/12/2021 12:03	CM
1,2-Dichlorobenzene	BRL	5.0		ug/L	325844	1	11/12/2021 12:03	CM
1,2-Dichloroethane	BRL	5.0		ug/L	325844	1	11/12/2021 12:03	CM
1,2-Dichloropropane	BRL	5.0		ug/L	325844	1	11/12/2021 12:03	CM
1,3-Dichlorobenzene	BRL	5.0		ug/L	325844	1	11/12/2021 12:03	CM
1,4-Dichlorobenzene	BRL	5.0		ug/L	325844	1	11/12/2021 12:03	CM
2-Butanone	BRL	50		ug/L	325844	1	11/12/2021 12:03	CM
Acrolein	BRL	20		ug/L	325844	1	11/12/2021 12:03	CM
Acrylonitrile	BRL	5.0		ug/L	325844	1	11/12/2021 12:03	CM
Benzene	BRL	5.0		ug/L	325844	1	11/12/2021 12:03	CM
Bromodichloromethane	BRL	5.0		ug/L	325844	1	11/12/2021 12:03	CM
Bromoform	BRL	5.0		ug/L	325844	1	11/12/2021 12:03	CM
Bromomethane	BRL	5.0		ug/L	325844	1	11/12/2021 12:03	CM
Carbon tetrachloride	BRL	5.0		ug/L	325844	1	11/12/2021 12:03	CM
Chlorobenzene	BRL	5.0		ug/L	325844	1	11/12/2021 12:03	CM
Chloroethane	BRL	10		ug/L	325844	1	11/12/2021 12:03	CM
Chloroform	BRL	5.0		ug/L	325844	1	11/12/2021 12:03	CM
Chloromethane	BRL	10		ug/L	325844	1	11/12/2021 12:03	CM
cis-1,3-Dichloropropene	BRL	5.0		ug/L	325844	1	11/12/2021 12:03	CM
Dibromochloromethane	BRL	5.0		ug/L	325844	1	11/12/2021 12:03	CM
Ethylbenzene	BRL	5.0		ug/L	325844	1	11/12/2021 12:03	CM
Methylene chloride	BRL	5.0		ug/L	325844	1	11/12/2021 12:03	CM
Styrene	BRL	5.0		ug/L	325844	1	11/12/2021 12:03	CM
Tetrachloroethene	BRL	5.0		ug/L	325844	1	11/12/2021 12:03	CM
trans-1,2-Dichloroethene	BRL	5.0		ug/L	325844	1	11/12/2021 12:03	CM
trans-1,3-Dichloropropene	BRL	5.0		ug/L	325844	1	11/12/2021 12:03	CM
Trichloroethene	BRL	5.0		ug/L	325844	1	11/12/2021 12:03	CM
Vinyl chloride	BRL	2.0		ug/L	325844	1	11/12/2021 12:03	CM
Toluene	BRL	5.0		ug/L	325844	1	11/12/2021 12:03	CM
Xylenes, Total	BRL	5.0		ug/L	325844	1	11/12/2021 12:03	CM
Surr: 4-Bromofluorobenzene	98.6	74.9-127		%REC	325844	1	11/12/2021 12:03	CM
Surr: Dibromofluoromethane	97.8	78.9-121		%REC	325844	1	11/12/2021 12:03	CM
Surr: Toluene-d8	99.3	81.5-120		%REC	325844	1	11/12/2021 12:03	CM

Qualifiers:	* 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

SUMMARY OF ANALYTES DETECTED

Analyses	Result	Qual	Reporting Limit	Units	BatchID	Dilution Factor
Client Sample ID: UCMW-3 (0-1)			Lab ID: 2111A71-001			
Collection Date: 11/9/2021 8:30:00 AM			Matrix: Soil			
METALS, TOTAL SW6010D			(SW3050B)			
Barium	389		6.29	mg/Kg-dry	325901	1
Chromium	40.9		3.15	mg/Kg-dry	325901	1
Lead	7.66		6.29	mg/Kg-dry	325901	1
PERCENT MOISTURE D2216						
Percent Moisture	33.6		0	wt%	R469913	1
Client Sample ID: UCMW-3 (6-7)			Lab ID: 2111A71-002			
Collection Date: 11/9/2021 8:42:00 AM			Matrix: Soil			
METALS, TOTAL SW6010D			(SW3050B)			
Barium	154		3.54	mg/Kg-dry	325901	1
Chromium	78.2		1.77	mg/Kg-dry	325901	1
PERCENT MOISTURE D2216						
Percent Moisture	6.65		0	wt%	R469913	1
Client Sample ID: UCMW-4 (0-1)			Lab ID: 2111A71-003			
Collection Date: 11/9/2021 9:15:00 AM			Matrix: Soil			
TCL-SEMIVOLATILE ORGANICS SW8270E			(SW3550C)			
Benz(a)anthracene	550		390	ug/Kg-dry	325799	1
Benzo(a)pyrene	450		390	ug/Kg-dry	325799	1
Benzo(b)fluoranthene	870		390	ug/Kg-dry	325799	1
Benzo(k)fluoranthene	420		390	ug/Kg-dry	325799	1
Chrysene	770		390	ug/Kg-dry	325799	1
Fluoranthene	680		390	ug/Kg-dry	325799	1
Pyrene	910		390	ug/Kg-dry	325799	1
METALS, TOTAL SW6010D			(SW3050B)			
Arsenic	22.5		4.05	mg/Kg-dry	325901	1
Barium	210		4.05	mg/Kg-dry	325901	1
Chromium	53.2		2.02	mg/Kg-dry	325901	1
Lead	16.8		4.05	mg/Kg-dry	325901	1
PERCENT MOISTURE D2216						
Percent Moisture	14.9		0	wt%	R469913	1
Client Sample ID: UCMW-4 (18-20)			Lab ID: 2111A71-004			
Collection Date: 11/9/2021 9:26:00 AM			Matrix: Soil			
METALS, TOTAL SW6010D			(SW3050B)			
Barium	216		3.57	mg/Kg-dry	325901	1
Chromium	38.6		1.79	mg/Kg-dry	325901	1
PERCENT MOISTURE D2216						
Percent Moisture	6.54		0	wt%	R469913	1
Client Sample ID: UCSB-3 (0-1)			Lab ID: 2111A71-005			
Collection Date: 11/9/2021 10:30:00 AM			Matrix: Soil			
METALS, TOTAL SW6010D			(SW3050B)			
Arsenic	9.41		3.95	mg/Kg-dry	325901	1
Barium	209		3.95	mg/Kg-dry	325901	1
Chromium	39.8		1.98	mg/Kg-dry	325901	1
Lead	17.2		3.95	mg/Kg-dry	325901	1

SUMMARY OF ANALYTES DETECTED

Analyses	Result	Qual	Reporting Limit	Units	BatchID	Dilution Factor
Client Sample ID: UCSB-3 (0-1)			Lab ID: 2111A71-005			
Collection Date: 11/9/2021 10:30:00 AM			Matrix: Soil			
PERCENT MOISTURE D2216						
Percent Moisture	14.0		0	wt%	R469913	1
Client Sample ID: UCMW--5 (4-6)			Lab ID: 2111A71-006			
Collection Date: 11/9/2021 11:15:00 AM			Matrix: Soil			
METALS, TOTAL SW6010D (SW3050B)						
Arsenic	20.7		4.52	mg/Kg-dry	325901	1
Barium	158		4.52	mg/Kg-dry	325901	1
Chromium	35.9		2.26	mg/Kg-dry	325901	1
Lead	19.0		4.52	mg/Kg-dry	325901	1
PERCENT MOISTURE D2216						
Percent Moisture	17.8		0	wt%	R469913	1
Client Sample ID: UCMW--5			Lab ID: 2111A71-007			
Collection Date: 11/9/2021 12:00:00 PM			Matrix: Groundwater			
METALS, DISSOLVED SW6010D (SW3005A)						
Barium	0.107		0.0200	mg/L	325611	1
METALS, TOTAL SW6010D (SW3010A)						
Barium	0.183		0.0200	mg/L	325813	1
Chromium	0.0228		0.0100	mg/L	325813	1
Client Sample ID: DUP-1			Lab ID: 2111A71-008			
Collection Date: 11/9/2021			Matrix: Soil			
METALS, TOTAL SW6010D (SW3050B)						
Arsenic	21.8		4.21	mg/Kg-dry	325901	1
Barium	224		4.21	mg/Kg-dry	325901	1
Chromium	58.2		2.11	mg/Kg-dry	325901	1
Lead	19.2		4.21	mg/Kg-dry	325901	1
PERCENT MOISTURE D2216						
Percent Moisture	16.9		0	wt%	R469913	1

Qualifiers:

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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



SAMPLE/COOLER RECEIPT CHECKLIST

Clear

Save as

1. Client Name: United Consulting Group Inc.

AES Work Order Number: 2111A71

2. Carrier: FedEx [] UPS [] USPS [] Client [x] Courier [] Other []

Table with 4 columns: Question, Yes, No, N/A, Details, Comments. Rows 3-12 covering shipping container, seals, temperature, and COC.

13. Cooler 1 Temperature 0.4 °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). CP 11/09/2021

Table with 4 columns: Question, Yes, No, N/A, Details, Comments. Rows 16-26 covering sample containers, labels, analyses, and trip blanks.

27. Comments:

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

I certify that I have completed sections 16-27 (dated initials). CW 11/10/21

Table with 4 columns: Question, Yes, No, N/A, Details, Comments. Rows 28-30 covering chemical preservation and pH adjustment.

* 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). CW 11/10/21

Locked

Client: United Consulting Group Inc.
 Project Name: Atlanta Beltline NETrail
 Workorder: 2111A71

ANALYTICAL QC SUMMARY REPORT

BatchID: 325611

Sample ID: MB-325611	Client ID:	Units: mg/L	Prep Date: 11/10/2021	Run No: 470320							
SampleType: MBLK	TestCode: METALS, DISSOLVED SW6010D	BatchID: 325611	Analysis Date: 11/15/2021	Seq No: 10823731							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic	BRL	0.0100									
Barium	BRL	0.0200									
Cadmium	BRL	0.0050									
Chromium	BRL	0.0100									
Lead	BRL	0.0100									
Selenium	BRL	0.0200									
Silver	BRL	0.0100									

Sample ID: LCS-325611	Client ID:	Units: mg/L	Prep Date: 11/10/2021	Run No: 470320							
SampleType: LCS	TestCode: METALS, DISSOLVED SW6010D	BatchID: 325611	Analysis Date: 11/15/2021	Seq No: 10823732							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic	1.036	0.0500	1.000		104	80	120				
Barium	0.9840	0.0200	1.000		98.4	80	120				
Cadmium	0.9910	0.0050	1.000		99.1	80	120				
Chromium	0.9563	0.0100	1.000		95.6	80	120				
Lead	0.9703	0.0100	1.000		97.0	80	120				
Selenium	1.068	0.0200	1.000		107	80	120				
Silver	0.09758	0.0100	0.1000		97.6	80	120				

Sample ID: 2111952-006BMS	Client ID:	Units: mg/L	Prep Date: 11/10/2021	Run No: 470320							
SampleType: MS	TestCode: METALS, DISSOLVED SW6010D	BatchID: 325611	Analysis Date: 11/15/2021	Seq No: 10823736							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic	1.045	0.0500	1.000		104	75	125				
Barium	1.045	0.0200	1.000	0.1005	94.5	75	125				
Cadmium	0.9793	0.0050	1.000		97.9	75	125				
Chromium	0.9334	0.0100	1.000		93.3	75	125				

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: United Consulting Group Inc.
 Project Name: Atlanta Beltline NE Trail
 Workorder: 2111A71

ANALYTICAL QC SUMMARY REPORT

BatchID: 325611

Sample ID: 2111952-006BMS	Client ID:	Units: mg/L	Prep Date: 11/10/2021	Run No: 470320							
SampleType: MS	TestCode: METALS, DISSOLVED SW6010D	BatchID: 325611	Analysis Date: 11/15/2021	Seq No: 10823736							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Lead	0.9404	0.0100	1.000		94.0	75	125				
Selenium	1.130	0.0200	1.000	0.01643	111	75	125				
Silver	0.09722	0.0100	0.1000		97.2	75	125				

Sample ID: 2111952-006BMSD	Client ID:	Units: mg/L	Prep Date: 11/10/2021	Run No: 470320							
SampleType: MSD	TestCode: METALS, DISSOLVED SW6010D	BatchID: 325611	Analysis Date: 11/15/2021	Seq No: 10823738							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic	1.052	0.0500	1.000		105	75	125	1.045	0.718	20	
Barium	1.050	0.0200	1.000	0.1005	95.0	75	125	1.045	0.496	20	
Cadmium	0.9849	0.0050	1.000		98.5	75	125	0.9793	0.564	20	
Chromium	0.9377	0.0100	1.000		93.8	75	125	0.9334	0.460	20	
Lead	0.9449	0.0100	1.000		94.5	75	125	0.9404	0.486	20	
Selenium	1.149	0.0200	1.000	0.01643	113	75	125	1.130	1.69	20	
Silver	0.09755	0.0100	0.1000		97.6	75	125	0.09722	0.339	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: United Consulting Group Inc.
 Project Name: Atlanta Beltline NE Trail
 Workorder: 2111A71

ANALYTICAL QC SUMMARY REPORT

BatchID: 325638

Sample ID: MB-325638	Client ID:	Units: ug/L	Prep Date: 11/11/2021	Run No: 470071							
Sample Type: MBLK	Test Code: TCL-SEMIVOLATILE ORGANICS SW8270E	BatchID: 325638	Analysis Date: 11/11/2021	Seq No: 10813561							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

2,4,6-Trichlorophenol	BRL	10									
2,4-Dichlorophenol	BRL	10									
2,4-Dimethylphenol	BRL	10									
2,4-Dinitrophenol	BRL	25									
2,4-Dinitrotoluene	BRL	10									
2,6-Dinitrotoluene	BRL	10									
2-Chloronaphthalene	BRL	10									
2-Chlorophenol	BRL	10									
2-Nitrophenol	BRL	10									
3,3'-Dichlorobenzidine	BRL	10									
4,6-Dinitro-2-methylphenol	BRL	25									
4-Bromophenyl phenyl ether	BRL	10									
4-Chloro-3-methylphenol	BRL	10									
4-Chlorophenyl phenyl ether	BRL	10									
4-Nitrophenol	BRL	25									
Acenaphthene	BRL	10									
Acenaphthylene	BRL	10									
Anthracene	BRL	10									
Benz(a)anthracene	BRL	10									
Benzo(a)pyrene	BRL	10									
Benzo(b)fluoranthene	BRL	10									
Benzo(g,h,i)perylene	BRL	10									
Benzo(k)fluoranthene	BRL	10									
Bis(2-chloroethoxy)methane	BRL	10									
Bis(2-chloroethyl)ether	BRL	10									
Bis(2-chloroisopropyl)ether	BRL	10									
Bis(2-ethylhexyl)phthalate	BRL	10									

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

Client: United Consulting Group Inc.
 Project Name: Atlanta Beltline NE Trail
 Workorder: 2111A71

ANALYTICAL QC SUMMARY REPORT

BatchID: 325638

Sample ID: MB-325638	Client ID:	Units: ug/L	Prep Date: 11/11/2021	Run No: 470071							
SampleType: MBLK	TestCode: TCL-SEMIVOLATILE ORGANICS SW8270E	BatchID: 325638	Analysis Date: 11/11/2021	Seq No: 10813561							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Butyl benzyl phthalate	BRL	10									
Chrysene	BRL	10									
Di-n-butyl phthalate	BRL	10									
Di-n-octyl phthalate	BRL	10									
Dibenz(a,h)anthracene	BRL	10									
Diethyl phthalate	BRL	10									
Dimethyl phthalate	BRL	10									
Fluoranthene	BRL	10									
Fluorene	BRL	10									
Hexachlorobenzene	BRL	10									
Hexachlorobutadiene	BRL	10									
Hexachlorocyclopentadiene	BRL	10									
Hexachloroethane	BRL	10									
Indeno(1,2,3-cd)pyrene	BRL	10									
Isophorone	BRL	10									
N-Nitrosodi-n-propylamine	BRL	10									
N-Nitrosodiphenylamine	BRL	10									
Naphthalene	BRL	10									
Nitrobenzene	BRL	10									
Pentachlorophenol	BRL	25									
Phenanthrene	BRL	10									
Phenol	BRL	10									
Pyrene	BRL	10									
Surr: 2,4,6-Tribromophenol	82.71	0	100.0		82.7	46	135				
Surr: 2-Fluorobiphenyl	40.21	0	50.00		80.4	45	121				
Surr: 2-Fluorophenol	55.05	0	100.0		55.0	28.2	120				
Surr: 4-Terphenyl-d14	45.18	0	50.00		90.4	44	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: United Consulting Group Inc.
 Project Name: Atlanta Beltline NE Trail
 Workorder: 2111A71

ANALYTICAL QC SUMMARY REPORT

BatchID: 325638

Sample ID: MB-325638	Client ID:	Units: ug/L	Prep Date: 11/11/2021	Run No: 470071							
SampleType: MBLK	TestCode: TCL-SEMIVOLATILE ORGANICS SW8270E	BatchID: 325638	Analysis Date: 11/11/2021	Seq No: 10813561							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Surr: Nitrobenzene-d5	34.44	0	50.00		68.9	41	123				
Surr: Phenol-d5	36.37	0	100.0		36.4	19.5	120				

Sample ID: LCS-325638	Client ID:	Units: ug/L	Prep Date: 11/11/2021	Run No: 470071							
SampleType: LCS	TestCode: TCL-SEMIVOLATILE ORGANICS SW8270E	BatchID: 325638	Analysis Date: 11/11/2021	Seq No: 10813562							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

2,4-Dinitrotoluene	76.11	10	100.0		76.1	58.4	129				
2-Chlorophenol	84.51	10	100.0		84.5	52.8	120				
4-Chloro-3-methylphenol	81.38	10	100.0		81.4	60.7	122				
4-Nitrophenol	28.58	25	100.0		28.6	20	120				
Acenaphthene	90.22	10	100.0		90.2	60	128				
N-Nitrosodi-n-propylamine	84.71	10	100.0		84.7	60.1	130				
Pentachlorophenol	55.67	25	100.0		55.7	47	126				
Phenol	37.88	10	100.0		37.9	21.1	120				
Pyrene	86.68	10	100.0		86.7	62.9	135				
Surr: 2,4,6-Tribromophenol	89.98	0	100.0		90.0	46	135				
Surr: 2-Fluorobiphenyl	45.83	0	50.00		91.7	45	121				
Surr: 2-Fluorophenol	61.62	0	100.0		61.6	28.2	120				
Surr: 4-Terphenyl-d14	45.53	0	50.00		91.1	44	120				
Surr: Nitrobenzene-d5	38.69	0	50.00		77.4	41	123				
Surr: Phenol-d5	39.13	0	100.0		39.1	19.5	120				

Sample ID: 2111A71-009AMS	Client ID: DUP-1	Units: ug/L	Prep Date: 11/11/2021	Run No: 470071							
SampleType: MS	TestCode: TCL-SEMIVOLATILE ORGANICS SW8270E	BatchID: 325638	Analysis Date: 11/11/2021	Seq No: 10813564							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

2,4-Dinitrotoluene	76.94	10	100.0		76.9	45.1	120				
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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: United Consulting Group Inc.
 Project Name: Atlanta Beltline NE Trail
 Workorder: 2111A71

ANALYTICAL QC SUMMARY REPORT

BatchID: 325638

Sample ID: 2111A71-009AMS	Client ID: DUP-1	Units: ug/L	Prep Date: 11/11/2021	Run No: 470071
SampleType: MS	TestCode: TCL-SEMIVOLATILE ORGANICS SW8270E	BatchID: 325638	Analysis Date: 11/11/2021	Seq No: 10813564

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
2-Chlorophenol	77.19	10	100.0		77.2	41.7	120				
4-Chloro-3-methylphenol	76.13	10	100.0		76.1	40	120				
4-Nitrophenol	31.84	25	100.0		31.8	23	120				
Acenaphthene	84.18	10	100.0		84.2	44.4	118				
N-Nitrosodi-n-propylamine	73.11	10	100.0		73.1	51	120				
Pentachlorophenol	56.01	25	100.0		56.0	41.1	125				
Phenol	35.23	10	100.0		35.2	22.1	120				
Pyrene	88.43	10	100.0		88.4	50.4	118				
Surr: 2,4,6-Tribromophenol	85.19	0	100.0		85.2	46	135				
Surr: 2-Fluorobiphenyl	41.57	0	50.00		83.1	45	121				
Surr: 2-Fluorophenol	53.32	0	100.0		53.3	28.2	120				
Surr: 4-Terphenyl-d14	46.29	0	50.00		92.6	44	120				
Surr: Nitrobenzene-d5	35.74	0	50.00		71.5	41	123				
Surr: Phenol-d5	36.80	0	100.0		36.8	19.5	120				

Sample ID: 2111A71-009AMSD	Client ID: DUP-1	Units: ug/L	Prep Date: 11/11/2021	Run No: 470071
SampleType: MSD	TestCode: TCL-SEMIVOLATILE ORGANICS SW8270E	BatchID: 325638	Analysis Date: 11/11/2021	Seq No: 10813565

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
2,4-Dinitrotoluene	75.78	10	100.0		75.8	45.1	120	76.94	1.52	29.5	
2-Chlorophenol	70.11	10	100.0		70.1	41.7	120	77.19	9.61	33.8	
4-Chloro-3-methylphenol	75.29	10	100.0		75.3	40	120	76.13	1.11	35	
4-Nitrophenol	29.51	25	100.0		29.5	23	120	31.84	7.60	54.9	
Acenaphthene	82.31	10	100.0		82.3	44.4	118	84.18	2.25	27.9	
N-Nitrosodi-n-propylamine	68.54	10	100.0		68.5	51	120	73.11	6.45	29.5	
Pentachlorophenol	53.72	25	100.0		53.7	41.1	125	56.01	4.17	39.4	
Phenol	31.77	10	100.0		31.8	22.1	120	35.23	10.3	48.2	
Pyrene	89.70	10	100.0		89.7	50.4	118	88.43	1.43	27.2	

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: United Consulting Group Inc.
 Project Name: Atlanta Beltline NETrail
 Workorder: 2111A71

ANALYTICAL QC SUMMARY REPORT

BatchID: 325638

Sample ID: 2111A71-009AMSD	Client ID: DUP-1	Units: ug/L	Prep Date: 11/11/2021	Run No: 470071							
SampleType: MSD	TestCode: TCL-SEMIVOLATILE ORGANICS SW8270E	BatchID: 325638	Analysis Date: 11/11/2021	Seq No: 10813565							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Surr: 2,4,6-Tribromophenol	82.24	0	100.0		82.2	46	135	85.19	0	0	
Surr: 2-Fluorobiphenyl	39.42	0	50.00		78.8	45	121	41.57	0	0	
Surr: 2-Fluorophenol	45.70	0	100.0		45.7	28.2	120	53.32	0	0	
Surr: 4-Terphenyl-d14	46.39	0	50.00		92.8	44	120	46.29	0	0	
Surr: Nitrobenzene-d5	31.84	0	50.00		63.7	41	123	35.74	0	0	
Surr: Phenol-d5	32.28	0	100.0		32.3	19.5	120	36.80	0	0	

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

Client: United Consulting Group Inc.
 Project Name: Atlanta Beltline NE Trail
 Workorder: 2111A71

ANALYTICAL QC SUMMARY REPORT

BatchID: 325799

Sample ID: MB-325799	Client ID:	Units: ug/Kg	Prep Date: 11/15/2021	Run No: 470368
Sample Type: MBLK	Test Code: TCL-SEMIVOLATILE ORGANICS SW8270E	BatchID: 325799	Analysis Date: 11/15/2021	Seq No: 10823988

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
2,4,6-Trichlorophenol	BRL	330									
2,4-Dichlorophenol	BRL	330									
2,4-Dimethylphenol	BRL	330									
2,4-Dinitrophenol	BRL	1700									
2,4-Dinitrotoluene	BRL	330									
2,6-Dinitrotoluene	BRL	330									
2-Chloronaphthalene	BRL	330									
2-Chlorophenol	BRL	330									
2-Nitrophenol	BRL	330									
3,3'-Dichlorobenzidine	BRL	670									
4,6-Dinitro-2-methylphenol	BRL	1700									
4-Bromophenyl phenyl ether	BRL	330									
4-Chloro-3-methylphenol	BRL	330									
4-Chlorophenyl phenyl ether	BRL	330									
4-Nitrophenol	BRL	1700									
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									
Bis(2-chloroethoxy)methane	BRL	330									
Bis(2-chloroethyl)ether	BRL	330									
Bis(2-chloroisopropyl)ether	BRL	330									
Bis(2-ethylhexyl)phthalate	BRL	330									

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: United Consulting Group Inc.
 Project Name: Atlanta Beltline NE Trail
 Workorder: 2111A71

ANALYTICAL QC SUMMARY REPORT

BatchID: 325799

Sample ID: MB-325799	Client ID:	Units: ug/Kg	Prep Date: 11/15/2021	Run No: 470368
SampleType: MBLK	TestCode: TCL-SEMIVOLATILE ORGANICS SW8270E	BatchID: 325799	Analysis Date: 11/15/2021	Seq No: 10823988

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Butyl benzyl phthalate	BRL	330									
Chrysene	BRL	330									
Di-n-butyl phthalate	BRL	330									
Di-n-octyl phthalate	BRL	330									
Dibenz(a,h)anthracene	BRL	330									
Diethyl phthalate	BRL	330									
Dimethyl phthalate	BRL	330									
Fluoranthene	BRL	330									
Fluorene	BRL	330									
Hexachlorobenzene	BRL	330									
Hexachlorobutadiene	BRL	330									
Hexachlorocyclopentadiene	BRL	660									
Hexachloroethane	BRL	330									
Indeno(1,2,3-cd)pyrene	BRL	330									
Isophorone	BRL	330									
N-Nitrosodi-n-propylamine	BRL	330									
N-Nitrosodiphenylamine	BRL	330									
Naphthalene	BRL	330									
Nitrobenzene	BRL	330									
Pentachlorophenol	BRL	1700									
Phenanthrene	BRL	330									
Phenol	BRL	330									
Pyrene	BRL	330									
Surr: 2,4,6-Tribromophenol	2570	0	3333		77.1	44.9	127				
Surr: 2-Fluorobiphenyl	1298	0	1667		77.9	50.1	120				
Surr: 2-Fluorophenol	2526	0	3333		75.8	40.8	120				
Surr: 4-Terphenyl-d14	1290	0	1667		77.4	50.9	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: United Consulting Group Inc.
 Project Name: Atlanta Beltline NE Trail
 Workorder: 2111A71

ANALYTICAL QC SUMMARY REPORT

BatchID: 325799

Sample ID: MB-325799	Client ID:	Units: ug/Kg	Prep Date: 11/15/2021	Run No: 470368							
SampleType: MBLK	TestCode: TCL-SEMIVOLATILE ORGANICS SW8270E	BatchID: 325799	Analysis Date: 11/15/2021	Seq No: 10823988							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Surr: Nitrobenzene-d5	1094	0	1667		65.6	41	120				
Surr: Phenol-d5	2362	0	3333		70.8	45.3	120				

Sample ID: LCS-325799	Client ID:	Units: ug/Kg	Prep Date: 11/15/2021	Run No: 470368							
SampleType: LCS	TestCode: TCL-SEMIVOLATILE ORGANICS SW8270E	BatchID: 325799	Analysis Date: 11/15/2021	Seq No: 10823989							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

2,4-Dinitrotoluene	2421	330	3333		72.6	51.7	120				
2-Chlorophenol	2562	330	3333		76.8	57.7	120				
4-Chloro-3-methylphenol	2603	330	3333		78.1	57.9	120				
4-Nitrophenol	1825	1700	3333		54.8	47.4	120				
Acenaphthene	2660	330	3333		79.8	55.8	120				
N-Nitrosodi-n-propylamine	2554	330	3333		76.6	58.1	120				
Pentachlorophenol	1886	1700	3333		56.6	40.9	118				
Phenol	2300	330	3333		69.0	50.4	120				
Pyrene	2656	330	3333		79.7	60.3	120				
Surr: 2,4,6-Tribromophenol	2652	0	3333		79.6	44.9	127				
Surr: 2-Fluorobiphenyl	1307	0	1667		78.4	50.1	120				
Surr: 2-Fluorophenol	2470	0	3333		74.1	40.8	120				
Surr: 4-Terphenyl-d14	1343	0	1667		80.6	50.9	120				
Surr: Nitrobenzene-d5	1095	0	1667		65.7	41	120				
Surr: Phenol-d5	2345	0	3333		70.4	45.3	120				

Sample ID: 2111G22-039AMS	Client ID:	Units: ug/Kg-dry	Prep Date: 11/15/2021	Run No: 470368							
SampleType: MS	TestCode: TCL-SEMIVOLATILE ORGANICS SW8270E	BatchID: 325799	Analysis Date: 11/15/2021	Seq No: 10823991							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

2,4-Dinitrotoluene	2644	390	3926		67.3	40.3	120				
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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: United Consulting Group Inc.
 Project Name: Atlanta Beltline NE Trail
 Workorder: 2111A71

ANALYTICAL QC SUMMARY REPORT

BatchID: 325799

Sample ID: 2111G22-039AMS	Client ID:	Units: ug/Kg-dry	Prep Date: 11/15/2021	Run No: 470368							
SampleType: MS	TestCode: TCL-SEMIVOLATILE ORGANICS SW8270E	BatchID: 325799	Analysis Date: 11/15/2021	Seq No: 10823991							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

2-Chlorophenol	2988	390	3926		76.1	40.5	120				
4-Chloro-3-methylphenol	2878	390	3926		73.3	45.3	120				
4-Nitrophenol	BRL	2000	3926		43.6	30.6	120				
Acenaphthene	3023	390	3926		77.0	45.2	120				
N-Nitrosodi-n-propylamine	2839	390	3926		72.3	45.9	120				
Pentachlorophenol	2205	2000	3926		56.2	42.3	120				
Phenol	2696	390	3926		68.7	41.3	120				
Pyrene	2967	390	3926		75.6	45	120				
Surr: 2,4,6-Tribromophenol	3045	0	3926		77.6	44.9	127				
Surr: 2-Fluorobiphenyl	1544	0	1963		78.7	50.1	120				
Surr: 2-Fluorophenol	2932	0	3926		74.7	40.8	120				
Surr: 4-Terphenyl-d14	1502	0	1963		76.5	50.9	120				
Surr: Nitrobenzene-d5	1314	0	1963		66.9	41	120				
Surr: Phenol-d5	2851	0	3926		72.6	45.3	120				

Sample ID: 2111G22-039AMSD	Client ID:	Units: ug/Kg-dry	Prep Date: 11/15/2021	Run No: 470368							
SampleType: MSD	TestCode: TCL-SEMIVOLATILE ORGANICS SW8270E	BatchID: 325799	Analysis Date: 11/15/2021	Seq No: 10823992							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

2,4-Dinitrotoluene	2335	390	3926		59.5	40.3	120	2644	12.4	30.4	
2-Chlorophenol	2701	390	3926		68.8	40.5	120	2988	10.1	26.9	
4-Chloro-3-methylphenol	2632	390	3926		67.0	45.3	120	2878	8.93	27.1	
4-Nitrophenol	BRL	2000	3926		39.5	30.6	120	1710	0	39.2	
Acenaphthene	2751	390	3926		70.1	45.2	120	3023	9.41	25.2	
N-Nitrosodi-n-propylamine	2574	390	3926		65.6	45.9	120	2839	9.78	26.6	
Pentachlorophenol	BRL	2000	3926		49.6	42.3	120	2205	0	32.4	
Phenol	2418	390	3926		61.6	41.3	120	2696	10.9	27.2	
Pyrene	2665	390	3926		67.9	45	120	2967	10.7	29.8	

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: United Consulting Group Inc.
 Project Name: Atlanta Beltline NETrail
 Workorder: 2111A71

ANALYTICAL QC SUMMARY REPORT

BatchID: 325799

Sample ID: 2111G22-039AMSD	Client ID:	Units: ug/Kg-dry	Prep Date: 11/15/2021	Run No: 470368							
SampleType: MSD	TestCode: TCL-SEMIVOLATILE ORGANICS SW8270E	BatchID: 325799	Analysis Date: 11/15/2021	Seq No: 10823992							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Surr: 2,4,6-Tribromophenol	2878	0	3926		73.3	44.9	127	3045	0	0	
Surr: 2-Fluorobiphenyl	1447	0	1963		73.7	50.1	120	1544	0	0	
Surr: 2-Fluorophenol	2699	0	3926		68.8	40.8	120	2932	0	0	
Surr: 4-Terphenyl-d14	1399	0	1963		71.3	50.9	120	1502	0	0	
Surr: Nitrobenzene-d5	1235	0	1963		62.9	41	120	1314	0	0	
Surr: Phenol-d5	2598	0	3926		66.2	45.3	120	2851	0	0	

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

Client: United Consulting Group Inc.
 Project Name: Atlanta Beltline NE Trail
 Workorder: 2111A71

ANALYTICAL QC SUMMARY REPORT

BatchID: 325813

Sample ID: MB-325813	Client ID:	Units: mg/L	Prep Date: 11/15/2021	Run No: 470281							
SampleType: MBLK	TestCode: METALS, TOTAL SW6010D	BatchID: 325813	Analysis Date: 11/15/2021	Seq No: 10821289							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic	BRL	0.0100									
Barium	BRL	0.0200									
Cadmium	BRL	0.0050									
Chromium	BRL	0.0100									
Lead	BRL	0.0100									
Selenium	BRL	0.0200									
Silver	BRL	0.0100									

Sample ID: LCS-325813	Client ID:	Units: mg/L	Prep Date: 11/15/2021	Run No: 470281							
SampleType: LCS	TestCode: METALS, TOTAL SW6010D	BatchID: 325813	Analysis Date: 11/15/2021	Seq No: 10821290							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic	0.9706	0.0500	1.000		97.1	80	120				
Barium	0.9826	0.0200	1.000		98.3	80	120				
Cadmium	0.9755	0.0050	1.000		97.6	80	120				
Chromium	0.9714	0.0100	1.000		97.1	80	120				
Lead	0.9814	0.0100	1.000		98.1	80	120				
Selenium	0.9664	0.0200	1.000		96.6	80	120				
Silver	0.09823	0.0100	0.1000		98.2	80	120				

Sample ID: 2111A82-001BMS	Client ID:	Units: mg/L	Prep Date: 11/15/2021	Run No: 470281							
SampleType: MS	TestCode: METALS, TOTAL SW6010D	BatchID: 325813	Analysis Date: 11/15/2021	Seq No: 10821292							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic	0.9701	0.0500	1.000		97.0	75	125				
Barium	0.9926	0.0200	1.000	0.01381	97.9	75	125				
Cadmium	0.9715	0.0050	1.000		97.2	75	125				
Chromium	0.9687	0.0100	1.000		96.9	75	125				

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: United Consulting Group Inc.
 Project Name: Atlanta Beltline NE Trail
 Workorder: 2111A71

ANALYTICAL QC SUMMARY REPORT

BatchID: 325813

Sample ID: 2111A82-001BMS	Client ID:	Units: mg/L	Prep Date: 11/15/2021	Run No: 470281
SampleType: MS	TestCode: METALS, TOTAL SW6010D	BatchID: 325813	Analysis Date: 11/15/2021	Seq No: 10821292

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Lead	0.9754	0.0100	1.000		97.5	75	125				
Selenium	0.9718	0.0200	1.000		97.2	75	125				
Silver	0.09795	0.0100	0.1000		98.0	75	125				

Sample ID: 2111A82-001BMSD	Client ID:	Units: mg/L	Prep Date: 11/15/2021	Run No: 470281
SampleType: MSD	TestCode: METALS, TOTAL SW6010D	BatchID: 325813	Analysis Date: 11/15/2021	Seq No: 10821292

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	0.9701	0.0500	1.000		97.0	75	125	0.9701	0	20	
Barium	0.9877	0.0200	1.000	0.01381	97.4	75	125	0.9926	0.495	20	
Cadmium	0.9664	0.0050	1.000		96.6	75	125	0.9715	0.529	20	
Chromium	0.9633	0.0100	1.000		96.3	75	125	0.9687	0.554	20	
Lead	0.9679	0.0100	1.000		96.8	75	125	0.9754	0.773	20	
Selenium	0.9594	0.0200	1.000		95.9	75	125	0.9718	1.29	20	
Silver	0.09719	0.0100	0.1000		97.2	75	125	0.09795	0.779	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: United Consulting Group Inc.
 Project Name: Atlanta Beltline NE Trail
 Workorder: 2111A71

ANALYTICAL QC SUMMARY REPORT

BatchID: 325844

Sample ID: MB-325844	Client ID:	Units: ug/L	Prep Date: 11/12/2021	Run No: 470208
SampleType: MBLK	TestCode: Volatile Organic Compounds by GC/MS SW8260D	BatchID: 325844	Analysis Date: 11/12/2021	Seq No: 10818828

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-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									
Acrolein	BRL	20									
Acrylonitrile	BRL	5.0									
Benzene	BRL	5.0									
Bromodichloromethane	BRL	5.0									
Bromoform	BRL	5.0									
Bromomethane	BRL	5.0									
Carbon tetrachloride	BRL	5.0									
Chlorobenzene	BRL	5.0									
Chloroethane	BRL	10									
Chloroform	BRL	5.0									
Chloromethane	BRL	10									
cis-1,3-Dichloropropene	BRL	5.0									
Dibromochloromethane	BRL	5.0									
Ethylbenzene	BRL	5.0									
Methylene chloride	BRL	5.0									

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

Client: United Consulting Group Inc.
 Project Name: Atlanta Beltline NE Trail
 Workorder: 2111A71

ANALYTICAL QC SUMMARY REPORT

BatchID: 325844

Sample ID: MB-325844	Client ID:	Units: ug/L	Prep Date: 11/12/2021	Run No: 470208							
SampleType: MBLK	TestCode: Volatile Organic Compounds by GC/MS SW8260D	BatchID: 325844	Analysis Date: 11/12/2021	Seq No: 10818828							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

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									
Vinyl chloride	BRL	2.0									
Xylenes, Total	BRL	5.0									
Surr: 4-Bromofluorobenzene	49.67	0	50.00		99.3	74.9	127				
Surr: Dibromofluoromethane	48.03	0	50.00		96.1	78.9	121				
Surr: Toluene-d8	49.35	0	50.00		98.7	81.5	120				

Sample ID: LCS-325844	Client ID:	Units: ug/L	Prep Date: 11/12/2021	Run No: 470208							
SampleType: LCS	TestCode: Volatile Organic Compounds by GC/MS SW8260D	BatchID: 325844	Analysis Date: 11/12/2021	Seq No: 10818829							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	20.66	5.0	20.00		103	67.3	134				
Benzene	20.50	5.0	20.00		102	78.6	124				
Chlorobenzene	20.55	5.0	20.00		103	78.9	127				
Toluene	20.41	5.0	20.00		102	77.7	125				
Trichloroethene	21.12	5.0	20.00		106	77	130				
Surr: 4-Bromofluorobenzene	50.35	0	50.00		101	74.9	127				
Surr: Dibromofluoromethane	49.39	0	50.00		98.8	78.9	121				
Surr: Toluene-d8	49.26	0	50.00		98.5	81.5	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: United Consulting Group Inc.
 Project Name: Atlanta Beltline NETrail
 Workorder: 2111A71

ANALYTICAL QC SUMMARY REPORT

BatchID: 325844

Sample ID: 2111E01-001AMS	Client ID:	Units: ug/L	Prep Date: 11/12/2021	Run No: 470208							
SampleType: MS	TestCode: Volatile Organic Compounds by GC/MS SW8260D	BatchID: 325844	Analysis Date: 11/16/2021	Seq No: 10823547							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	22.31	5.0	20.00		112	67.6	143				
Benzene	22.54	5.0	20.00		113	70.5	136				
Chlorobenzene	21.94	5.0	20.00		110	77.1	133				
Toluene	22.72	5.0	20.00		114	66.4	140				
Trichloroethene	23.59	5.0	20.00		118	75.1	140				
Surr: 4-Bromofluorobenzene	49.99	0	50.00		100.0	74.9	127				
Surr: Dibromofluoromethane	49.01	0	50.00		98.0	78.9	121				
Surr: Toluene-d8	49.48	0	50.00		99.0	81.5	120				

Sample ID: 2111E01-001AMSD	Client ID:	Units: ug/L	Prep Date: 11/12/2021	Run No: 470208							
SampleType: MSD	TestCode: Volatile Organic Compounds by GC/MS SW8260D	BatchID: 325844	Analysis Date: 11/16/2021	Seq No: 10823548							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	19.13	5.0	20.00		95.6	67.6	143	22.31	15.3	19.6	
Benzene	20.23	5.0	20.00		101	70.5	136	22.54	10.8	20	
Chlorobenzene	19.89	5.0	20.00		99.4	77.1	133	21.94	9.80	20	
Toluene	20.43	5.0	20.00		102	66.4	140	22.72	10.6	20	
Trichloroethene	21.16	5.0	20.00		106	75.1	140	23.59	10.9	20	
Surr: 4-Bromofluorobenzene	50.17	0	50.00		100	74.9	127	49.99	0	0	
Surr: Dibromofluoromethane	48.90	0	50.00		97.8	78.9	121	49.01	0	0	
Surr: Toluene-d8	49.86	0	50.00		99.7	81.5	120	49.48	0	0	

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

Client: United Consulting Group Inc.
 Project Name: Atlanta Beltline NE Trail
 Workorder: 2111A71

ANALYTICAL QC SUMMARY REPORT

BatchID: 325864

Sample ID: MB-325864	Client ID:	Units: mg/L	Prep Date: 11/15/2021	Run No: 470271							
SampleType: MBLK	TestCode: Mercury, Dissolved SW7470A	BatchID: 325864	Analysis Date: 11/15/2021	Seq No: 10821819							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	BRL	0.00020									

Sample ID: LCS-325864	Client ID:	Units: mg/L	Prep Date: 11/15/2021	Run No: 470271							
SampleType: LCS	TestCode: Mercury, Dissolved SW7470A	BatchID: 325864	Analysis Date: 11/15/2021	Seq No: 10821820							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	0.003758	0.00020	0.0040		94.0	80	120				

Sample ID: 2111952-006BMS	Client ID:	Units: mg/L	Prep Date: 11/15/2021	Run No: 470271							
SampleType: MS	TestCode: Mercury, Dissolved SW7470A	BatchID: 325864	Analysis Date: 11/15/2021	Seq No: 10821822							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	0.003851	0.00020	0.0040		96.3	75	125				

Sample ID: 2111952-006BMSD	Client ID:	Units: mg/L	Prep Date: 11/15/2021	Run No: 470271							
SampleType: MSD	TestCode: Mercury, Dissolved SW7470A	BatchID: 325864	Analysis Date: 11/15/2021	Seq No: 10821823							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	0.003854	0.00020	0.0040		96.4	7	125	0.003851	0.078	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: United Consulting Group Inc.
 Project Name: Atlanta Beltline NETrail
 Workorder: 2111A71

ANALYTICAL QC SUMMARY REPORT

BatchID: 325901

Sample ID: MB-325901	Client ID:	Units: mg/Kg	Prep Date: 11/16/2021	Run No: 470576							
SampleType: MBLK	TestCode: METALS, TOTAL SW6010D	BatchID: 325901	Analysis Date: 11/17/2021	Seq No: 10830617							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic	BRL	2.50									
Barium	BRL	5.00									
Cadmium	BRL	2.00									
Chromium	BRL	2.50									
Lead	BRL	5.00									
Selenium	BRL	2.00									
Silver	BRL	2.00									

Sample ID: LCS-325901	Client ID:	Units: mg/Kg	Prep Date: 11/16/2021	Run No: 470576							
SampleType: LCS	TestCode: METALS, TOTAL SW6010D	BatchID: 325901	Analysis Date: 11/17/2021	Seq No: 10830618							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic	43.02	2.50	50.00		86.0	80	120				
Barium	45.97	5.00	50.00		91.9	80	120				
Cadmium	48.06	2.50	50.00		96.1	80	120				
Chromium	48.53	2.50	50.00		97.1	80	120				
Lead	47.52	5.00	50.00		95.0	80	120				
Selenium	41.14	3.50	50.00		82.3	80	120				
Silver	4.698	2.50	5.000		94.0	80	120				

Sample ID: 2111A71-003BMS	Client ID: UCMW-4 (0-1)	Units: mg/Kg-dry	Prep Date: 11/16/2021	Run No: 470576							
SampleType: MS	TestCode: METALS, TOTAL SW6010D	BatchID: 325901	Analysis Date: 11/17/2021	Seq No: 10830622							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic	43.61	2.02	40.40	22.50	52.3	75	125				S
Barium	285.6	4.04	40.40	210.0	187	75	125				S
Cadmium	37.29	2.02	40.40	0.5156	91.0	75	125				
Chromium	79.01	2.02	40.40	53.17	63.9	75	125				S

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

Client: United Consulting Group Inc.
 Project Name: Atlanta Beltline NETrail
 Workorder: 2111A71

ANALYTICAL QC SUMMARY REPORT

BatchID: 325901

Sample ID: 2111A71-003BMS	Client ID: UCMW-4 (0-1)	Units: mg/Kg-dry	Prep Date: 11/16/2021	Run No: 470576
SampleType: MS	TestCode: METALS, TOTAL SW6010D	BatchID: 325901	Analysis Date: 11/17/2021	Seq No: 10830622

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Lead	47.26	4.04	40.40	16.79	75.4	75	125				
Selenium	28.27	2.83	40.40		70.0	75	125				S
Silver	3.646	2.02	4.040	0.03319	89.4	75	125				

Sample ID: 2111A71-003BMSD	Client ID: UCMW-4 (0-1)	Units: mg/Kg-dry	Prep Date: 11/16/2021	Run No: 470576
SampleType: MSD	TestCode: METALS, TOTAL SW6010D	BatchID: 325901	Analysis Date: 11/17/2021	Seq No: 10830624

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	43.92	2.02	40.34	22.50	53.1	75	125	43.61	0.693	20	S
Barium	229.1	4.03	40.34	210.0	47.4	75	125	285.6	21.9	20	SR
Cadmium	37.24	2.02	40.34	0.5156	91.0	75	125	37.29	0.126	20	
Chromium	70.93	2.02	40.34	53.17	44.0	75	125	79.01	10.8	20	S
Lead	46.08	4.03	40.34	16.79	72.6	75	125	47.26	2.52	20	S
Selenium	29.66	2.82	40.34		73.5	75	125	28.27	4.78	20	S
Silver	3.616	2.02	4.034	0.03319	88.8	75	125	3.646	0.818	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: United Consulting Group Inc.
 Project Name: Atlanta Beltline NE Trail
 Workorder: 2111A71

ANALYTICAL QC SUMMARY REPORT

BatchID: 325912

Sample ID: MB-325912	Client ID:	Units: ug/Kg	Prep Date: 11/15/2021	Run No: 470278
SampleType: MBLK	TestCode: Volatile Organic Compounds by GC/MS SW8260D	BatchID: 325912	Analysis Date: 11/15/2021	Seq No: 10820892

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-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									
Acrolein	BRL	50									
Acrylonitrile	BRL	50									
Benzene	BRL	5.0									
Bromodichloromethane	BRL	5.0									
Bromoform	BRL	5.0									
Bromomethane	BRL	5.0									
Carbon tetrachloride	BRL	5.0									
Chlorobenzene	BRL	5.0									
Chloroethane	BRL	10									
Chloroform	BRL	5.0									
Chloromethane	BRL	10									
cis-1,3-Dichloropropene	BRL	5.0									
Dibromochloromethane	BRL	5.0									
Ethylbenzene	BRL	5.0									
Methylene chloride	BRL	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: United Consulting Group Inc.
 Project Name: Atlanta Beltline NE Trail
 Workorder: 2111A71

ANALYTICAL QC SUMMARY REPORT

BatchID: 325912

Sample ID: MB-325912	Client ID:	Units: ug/Kg	Prep Date: 11/15/2021	Run No: 470278							
SampleType: MBLK	TestCode: Volatile Organic Compounds by GC/MS SW8260D	BatchID: 325912	Analysis Date: 11/15/2021	Seq No: 10820892							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

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									
Vinyl chloride	BRL	10									
Xylenes, Total	BRL	5.0									
Surr: 4-Bromofluorobenzene	41.29	0	50.00		82.6	65	124				
Surr: Dibromofluoromethane	51.16	0	50.00		102	74.8	123				
Surr: Toluene-d8	47.55	0	50.00		95.1	69.2	128				

Sample ID: LCS-325912	Client ID:	Units: ug/Kg	Prep Date: 11/15/2021	Run No: 470278							
SampleType: LCS	TestCode: Volatile Organic Compounds by GC/MS SW8260D	BatchID: 325912	Analysis Date: 11/15/2021	Seq No: 10820893							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	48.09	5.0	50.00		96.2	64	137				
Benzene	48.30	5.0	50.00		96.6	70	130				
Chlorobenzene	48.70	5.0	50.00		97.4	70	130				
Toluene	47.38	5.0	50.00		94.8	70	130				
Trichloroethene	48.64	5.0	50.00		97.3	75.4	129				
Surr: 4-Bromofluorobenzene	52.84	0	50.00		106	65	124				
Surr: Dibromofluoromethane	50.93	0	50.00		102	74.8	123				
Surr: Toluene-d8	50.04	0	50.00		100	69.2	128				

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: United Consulting Group Inc.
 Project Name: Atlanta Beltline NE Trail
 Workorder: 2111A71

ANALYTICAL QC SUMMARY REPORT

BatchID: 325912

Sample ID: 2111952-001AMS	Client ID:	Units: ug/Kg-dry	Prep Date: 11/15/2021	Run No: 470278							
SampleType: MS	TestCode: Volatile Organic Compounds by GC/MS SW8260D	BatchID: 325912	Analysis Date: 11/15/2021	Seq No: 10822686							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	65.41	6.7	67.12		97.5	60	138				
Benzene	62.05	6.7	67.12		92.5	63.5	137				
Chlorobenzene	61.67	6.7	67.12		91.9	64.7	133				
Toluene	61.28	6.7	67.12		91.3	61.8	137				
Trichloroethene	61.54	6.7	67.12		91.7	62.1	138				
Surr: 4-Bromofluorobenzene	69.84	0	67.12		104	65	124				
Surr: Dibromofluoromethane	69.13	0	67.12		103	74.8	123				
Surr: Toluene-d8	66.63	0	67.12		99.3	69.2	128				

Sample ID: 2111952-002ADUP	Client ID:	Units: ug/Kg-dry	Prep Date: 11/15/2021	Run No: 470278							
SampleType: DUP	TestCode: Volatile Organic Compounds by GC/MS SW8260D	BatchID: 325912	Analysis Date: 11/15/2021	Seq No: 10822688							
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	5.5						0	0	20	
1,1,2,2-Tetrachloroethane	BRL	5.5						0	0	20	
1,1,2-Trichloroethane	BRL	5.5						0	0	20	
1,1-Dichloroethane	BRL	5.5						0	0	20	
1,1-Dichloroethene	BRL	5.5						0	0	20	
1,2,4-Trichlorobenzene	BRL	5.5						0	0	20	
1,2-Dichlorobenzene	BRL	5.5						0	0	20	
1,2-Dichloroethane	BRL	5.5						0	0	20	
1,2-Dichloropropane	BRL	5.5						0	0	20	
1,3-Dichlorobenzene	BRL	5.5						0	0	20	
1,4-Dichlorobenzene	BRL	5.5						0	0	20	
2-Butanone	BRL	55						0	0	20	
Acrolein	BRL	55						0	0	20	
Acrylonitrile	BRL	55						0	0	20	
Benzene	BRL	5.5						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: United Consulting Group Inc.
 Project Name: Atlanta Beltline NE Trail
 Workorder: 2111A71

ANALYTICAL QC SUMMARY REPORT

BatchID: 325912

Sample ID: 2111952-002ADUP	Client ID:	Units: ug/Kg-dry	Prep Date: 11/15/2021	Run No: 470278							
SampleType: DUP	TestCode: Volatile Organic Compounds by GC/MS SW8260D	BatchID: 325912	Analysis Date: 11/15/2021	Seq No: 10822688							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Bromodichloromethane	BRL	5.5						0	0	20	
Bromoform	BRL	5.5						0	0	20	
Bromomethane	BRL	5.5						0	0	20	
Carbon tetrachloride	BRL	5.5						0	0	20	
Chlorobenzene	BRL	5.5						0	0	20	
Chloroethane	BRL	11						0	0	20	
Chloroform	BRL	5.5						0	0	20	
Chloromethane	BRL	11						0	0	20	
cis-1,3-Dichloropropene	BRL	5.5						0	0	20	
Dibromochloromethane	BRL	5.5						0	0	20	
Ethylbenzene	BRL	5.5						0	0	20	
Methylene chloride	BRL	22						0	0	20	
Styrene	BRL	5.5						0	0	20	
Tetrachloroethene	BRL	5.5						0	0	20	
Toluene	BRL	5.5						0	0	20	
trans-1,2-Dichloroethene	BRL	5.5						0	0	20	
trans-1,3-Dichloropropene	BRL	5.5						0	0	20	
Trichloroethene	BRL	5.5						0	0	20	
Vinyl chloride	BRL	11						0	0	20	
Xylenes, Total	BRL	5.5						0	0	20	
Surr: 4-Bromofluorobenzene	48.68	0	55.41		87.9	65	124	43.68	0	0	
Surr: Dibromofluoromethane	57.79	0	55.41		104	74.8	123	52.46	0	0	
Surr: Toluene-d8	52.41	0	55.41		94.6	69.2	128	46.81	0	0	

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

Client: United Consulting Group Inc.
 Project Name: Atlanta Beltline NE Trail
 Workorder: 2111A71

ANALYTICAL QC SUMMARY REPORT

BatchID: 326008

Sample ID: MB-326008	Client ID:	Units: mg/Kg	Prep Date: 11/17/2021	Run No: 470480							
SampleType: MBLK	TestCode: Total Mercury by SW7473	BatchID: 326008	Analysis Date: 11/17/2021	Seq No: 10827841							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	BRL	0.100									

Sample ID: LCS-326008	Client ID:	Units: mg/Kg	Prep Date: 11/17/2021	Run No: 470480							
SampleType: LCS	TestCode: Total Mercury by SW7473	BatchID: 326008	Analysis Date: 11/17/2021	Seq No: 10827842							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	0.8869	0.100	1.000		88.7	80	120				

Sample ID: 2111A71-001CMS	Client ID: UCMW-3 (0-1)	Units: mg/Kg-dry	Prep Date: 11/17/2021	Run No: 470480							
SampleType: MS	TestCode: Total Mercury by SW7473	BatchID: 326008	Analysis Date: 11/17/2021	Seq No: 10827867							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	1.180	0.151	1.409		83.7	80	120				

Sample ID: 2111A71-001CMSD	Client ID: UCMW-3 (0-1)	Units: mg/Kg-dry	Prep Date: 11/17/2021	Run No: 470480							
SampleType: MSD	TestCode: Total Mercury by SW7473	BatchID: 326008	Analysis Date: 11/17/2021	Seq No: 10827868							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	1.097	0.151	1.411		77.8	80	120	1.180	7.25	20	S

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

Client: United Consulting Group Inc.
 Project Name: Atlanta Beltline NE Trail
 Workorder: 2111A71

ANALYTICAL QC SUMMARY REPORT

BatchID: 326014

Sample ID: MB-326014	Client ID:	Units: mg/L	Prep Date: 11/17/2021	Run No: 470511							
SampleType: MBLK	TestCode: Mercury, Total SW7470A	BatchID: 326014	Analysis Date: 11/17/2021	Seq No: 10828588							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Mercury BRL 0.00020

Sample ID: LCS-326014	Client ID:	Units: mg/L	Prep Date: 11/17/2021	Run No: 470511							
SampleType: LCS	TestCode: Mercury, Total SW7470A	BatchID: 326014	Analysis Date: 11/17/2021	Seq No: 10828589							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Mercury 0.004169 0.00020 0.0040 104 80 120

Sample ID: 2111B97-001DMS	Client ID:	Units: mg/L	Prep Date: 11/17/2021	Run No: 470511							
SampleType: MS	TestCode: Mercury, Total SW7470A	BatchID: 326014	Analysis Date: 11/17/2021	Seq No: 10828591							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Mercury 0.003890 0.00020 0.0040 97.2 75 125

Sample ID: 2111B97-001DMSD	Client ID:	Units: mg/L	Prep Date: 11/17/2021	Run No: 470511							
SampleType: MSD	TestCode: Mercury, Total SW7470A	BatchID: 326014	Analysis Date: 11/17/2021	Seq No: 10828592							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Mercury 0.003832 0.00020 0.0040 95.8 75 125 0.003890 1.50 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	

End of Report



ANALYTICAL ENVIRONMENTAL SERVICES, INC.

November 17, 2021

Brandon Sharp
United Consulting Group Inc.

625 Holcomb Bridge Rd
Norcross GA 30071

RE: Atlanta Beltline NE Trail

Dear Brandon Sharp:

Order No: 2111952

Analytical Environmental Services, Inc. received 7 samples on 11/8/2021 5:54:00 PM 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 07/01/21-06/30/22.

State of Georgia, Department of Natural Resources ID #800 for analysis of Drinking Water Metals, effective through 06/30/22 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,

Ioana Pacurar
Project Manager



Analytical Environmental Services, Inc.
 3080 Presidential Drive, Atlanta, GA 30340 Phone: (770) 457-8177

Work Order: 211952
 Page 1 of 1

CHAIN OF CUSTODY

Visit our website
 www.aesatlanta.com for
 downloadable COCs and to
 log in to your AESAccess
 account.

Number of Containers

COMPANY: UNITED CONSULTING		ADDRESS: FILE				ANALYSIS REQUESTED						REMARKS	Number of Containers	
PHONE: 770 209 0029		EMAIL: Bsharp@unitedconsulting.com				VOCs SVOCs PCBs & Metals PCDD/Fs (or PCDFs)								
SAMPLED BY: BRANDON SHARP		SIGNATURE:												
#	SAMPLE ID	SAMPLED:		GRAB	COMPOSITE	MATRIX (see codes)	PRESERVATION (see codes)						REMARKS	Number of Containers
		DATE	TIME				SW	1	1	1				
1	UCSB-2 (0-1)	11/8/21	10:45	X		SO	X	X	X					6
2	UCMW-2 (0-1)		11:15	X		SO	X	X	X					6
3	UCMW-2 (12-13)		11:53	X		SO	X	X	X					6
4	UCSB-1 (0-1)		13:15	X		SO	X	X	X					6
5	UCMW-1 (0-1)		14:21	X		SO	X	X	X					6
6	UCMW-1	11/8/21	14:45	X		GW	X	X	X					2
7	TRIP BLANK													
8														
9														
10														
11														
12														
13														
14														

RELINQUISHED BY:		DATE/TIME:		RECEIVED BY:		DATE/TIME:		PROJECT INFORMATION				RECEIPT	
1. BRANDON SHARP		11/8/2021		1. [Signature]		11.08.21		PROJECT NAME: ATLANTA BELTLINE NE TRAIL				Total # of Containers 38	
2. [Signature]		17:54		2. [Signature]		17:54		PROJECT #: 05802-01				Turnaround Time (TAT) Request	
3. [Signature]				3. [Signature]				SITE ADDRESS: PLASTERS AVE, ATL, GA				<input checked="" type="checkbox"/> Standard <input type="checkbox"/> 2 Business Day Rush <input type="checkbox"/> Next Business Day Rush <input type="checkbox"/> Same-Day Rush (auth req.) <input type="checkbox"/> Other	
SPECIAL INSTRUCTIONS/COMMENTS:				SHIPMENT METHOD				SEND REPORT TO: BRANDON SHARP				REGULATORY PROGRAM (if any):	
				OUT: / / VIA: IN: / / VIA: Client FedEx UPS US mail courier other:				INVOICE TO (IF DIFFERENT FROM ABOVE):				DATA PACKAGE: I <input type="checkbox"/> II <input type="checkbox"/> III <input type="checkbox"/> IV <input type="checkbox"/>	
								QUOTE #:				PO#: 12412	

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

Client: United Consulting Group Inc.	Client Sample ID: UCSB-2 (0-1)
Project Name: Atlanta Beltline NE Trail	Collection Date: 11/8/2021 10:45:00 AM
Lab ID: 2111952-001	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260D		(SW5035)						
1,1,1-Trichloroethane	BRL	6.2		ug/Kg-dry	325912	1	11/15/2021 15:09	RC
1,1,2,2-Tetrachloroethane	BRL	6.2		ug/Kg-dry	325912	1	11/15/2021 15:09	RC
1,1,2-Trichloroethane	BRL	6.2		ug/Kg-dry	325912	1	11/15/2021 15:09	RC
1,1-Dichloroethane	BRL	6.2		ug/Kg-dry	325912	1	11/15/2021 15:09	RC
1,1-Dichloroethene	BRL	6.2		ug/Kg-dry	325912	1	11/15/2021 15:09	RC
1,2,4-Trichlorobenzene	BRL	6.2		ug/Kg-dry	325912	1	11/15/2021 15:09	RC
1,2-Dichlorobenzene	BRL	6.2		ug/Kg-dry	325912	1	11/15/2021 15:09	RC
1,2-Dichloroethane	BRL	6.2		ug/Kg-dry	325912	1	11/15/2021 15:09	RC
1,2-Dichloropropane	BRL	6.2		ug/Kg-dry	325912	1	11/15/2021 15:09	RC
1,3-Dichlorobenzene	BRL	6.2		ug/Kg-dry	325912	1	11/15/2021 15:09	RC
1,4-Dichlorobenzene	BRL	6.2		ug/Kg-dry	325912	1	11/15/2021 15:09	RC
2-Butanone	BRL	62		ug/Kg-dry	325912	1	11/15/2021 15:09	RC
Acrolein	BRL	62		ug/Kg-dry	325912	1	11/15/2021 15:09	RC
Acrylonitrile	BRL	62		ug/Kg-dry	325912	1	11/15/2021 15:09	RC
Benzene	BRL	6.2		ug/Kg-dry	325912	1	11/15/2021 15:09	RC
Bromodichloromethane	BRL	6.2		ug/Kg-dry	325912	1	11/15/2021 15:09	RC
Bromoform	BRL	6.2		ug/Kg-dry	325912	1	11/15/2021 15:09	RC
Bromomethane	BRL	6.2		ug/Kg-dry	325912	1	11/15/2021 15:09	RC
Carbon tetrachloride	BRL	6.2		ug/Kg-dry	325912	1	11/15/2021 15:09	RC
Chlorobenzene	BRL	6.2		ug/Kg-dry	325912	1	11/15/2021 15:09	RC
Chloroethane	BRL	12		ug/Kg-dry	325912	1	11/15/2021 15:09	RC
Chloroform	BRL	6.2		ug/Kg-dry	325912	1	11/15/2021 15:09	RC
Chloromethane	BRL	12		ug/Kg-dry	325912	1	11/15/2021 15:09	RC
cis-1,3-Dichloropropene	BRL	6.2		ug/Kg-dry	325912	1	11/15/2021 15:09	RC
Dibromochloromethane	BRL	6.2		ug/Kg-dry	325912	1	11/15/2021 15:09	RC
Ethylbenzene	BRL	6.2		ug/Kg-dry	325912	1	11/15/2021 15:09	RC
Methylene chloride	BRL	25		ug/Kg-dry	325912	1	11/15/2021 15:09	RC
Styrene	BRL	6.2		ug/Kg-dry	325912	1	11/15/2021 15:09	RC
Tetrachloroethene	BRL	6.2		ug/Kg-dry	325912	1	11/15/2021 15:09	RC
Toluene	BRL	6.2		ug/Kg-dry	325912	1	11/15/2021 15:09	RC
trans-1,2-Dichloroethene	BRL	6.2		ug/Kg-dry	325912	1	11/15/2021 15:09	RC
trans-1,3-Dichloropropene	BRL	6.2		ug/Kg-dry	325912	1	11/15/2021 15:09	RC
Trichloroethene	BRL	6.2		ug/Kg-dry	325912	1	11/15/2021 15:09	RC
Vinyl chloride	BRL	12		ug/Kg-dry	325912	1	11/15/2021 15:09	RC
Xylenes, Total	BRL	6.2		ug/Kg-dry	325912	1	11/15/2021 15:09	RC
Surr: 4-Bromofluorobenzene	83.7	65-124		%REC	325912	1	11/15/2021 15:09	RC
Surr: Dibromofluoromethane	103	74.8-123		%REC	325912	1	11/15/2021 15:09	RC
Surr: Toluene-d8	94.6	69.2-128		%REC	325912	1	11/15/2021 15:09	RC
Total Mercury by SW7473		(SW7473)						
Mercury	BRL	0.119		mg/Kg-dry	325750	1	11/12/2021 17:47	GR
TCL-SEMIVOLATILE ORGANICS SW8270E		(SW3550C)						
2,4,6-Trichlorophenol	BRL	390		ug/Kg-dry	325563	1	11/10/2021 17:04	YH
2,4-Dichlorophenol	BRL	390		ug/Kg-dry	325563	1	11/10/2021 17:04	YH

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: United Consulting Group Inc.	Client Sample ID: UCSB-2 (0-1)
Project Name: Atlanta Beltline NE Trail	Collection Date: 11/8/2021 10:45:00 AM
Lab ID: 2111952-001	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL-SEMIVOLATILE ORGANICS SW8270E		(SW3550C)						
Phenanthrene	BRL	390		ug/Kg-dry	325563	1	11/10/2021 17:04	YH
Phenol	BRL	390		ug/Kg-dry	325563	1	11/10/2021 17:04	YH
Pyrene	BRL	390		ug/Kg-dry	325563	1	11/10/2021 17:04	YH
Surr: 2,4,6-Tribromophenol	88	44.9-127		%REC	325563	1	11/10/2021 17:04	YH
Surr: 2-Fluorobiphenyl	70.8	50.1-120		%REC	325563	1	11/10/2021 17:04	YH
Surr: 2-Fluorophenol	65.8	40.8-120		%REC	325563	1	11/10/2021 17:04	YH
Surr: 4-Terphenyl-d14	72.9	50.9-120		%REC	325563	1	11/10/2021 17:04	YH
Surr: Nitrobenzene-d5	66.9	41-120		%REC	325563	1	11/10/2021 17:04	YH
Surr: Phenol-d5	67.1	45.3-120		%REC	325563	1	11/10/2021 17:04	YH
METALS, TOTAL SW6010D		(SW3050B)						
Arsenic	BRL	4.44		mg/Kg-dry	325629	1	11/12/2021 14:45	KB
Barium	279	4.44		mg/Kg-dry	325629	1	11/12/2021 14:45	KB
Cadmium	BRL	1.86		mg/Kg-dry	325629	1	11/12/2021 14:45	KB
Chromium	40.0	2.22		mg/Kg-dry	325629	1	11/12/2021 14:45	KB
Lead	8.38	4.44		mg/Kg-dry	325629	1	11/12/2021 14:45	KB
Selenium	BRL	1.86		mg/Kg-dry	325629	1	11/12/2021 14:45	KB
Silver	BRL	1.86		mg/Kg-dry	325629	1	11/12/2021 14:45	KB
PERCENT MOISTURE D2216								
Percent Moisture	15.7	0		wt%	R469643	1	11/09/2021 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: United Consulting Group Inc.	Client Sample ID: UCMW-2 (0-1)
Project Name: Atlanta Beltline NE Trail	Collection Date: 11/8/2021 11:15:00 AM
Lab ID: 2111952-002	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260D			(SW5035)					
1,1,1-Trichloroethane	BRL	5.0		ug/Kg-dry	325912	1	11/15/2021 15:32	RC
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/Kg-dry	325912	1	11/15/2021 15:32	RC
1,1,2-Trichloroethane	BRL	5.0		ug/Kg-dry	325912	1	11/15/2021 15:32	RC
1,1-Dichloroethane	BRL	5.0		ug/Kg-dry	325912	1	11/15/2021 15:32	RC
1,1-Dichloroethene	BRL	5.0		ug/Kg-dry	325912	1	11/15/2021 15:32	RC
1,2,4-Trichlorobenzene	BRL	5.0		ug/Kg-dry	325912	1	11/15/2021 15:32	RC
1,2-Dichlorobenzene	BRL	5.0		ug/Kg-dry	325912	1	11/15/2021 15:32	RC
1,2-Dichloroethane	BRL	5.0		ug/Kg-dry	325912	1	11/15/2021 15:32	RC
1,2-Dichloropropane	BRL	5.0		ug/Kg-dry	325912	1	11/15/2021 15:32	RC
1,3-Dichlorobenzene	BRL	5.0		ug/Kg-dry	325912	1	11/15/2021 15:32	RC
1,4-Dichlorobenzene	BRL	5.0		ug/Kg-dry	325912	1	11/15/2021 15:32	RC
2-Butanone	BRL	50		ug/Kg-dry	325912	1	11/15/2021 15:32	RC
Acrolein	BRL	50		ug/Kg-dry	325912	1	11/15/2021 15:32	RC
Acrylonitrile	BRL	50		ug/Kg-dry	325912	1	11/15/2021 15:32	RC
Benzene	BRL	5.0		ug/Kg-dry	325912	1	11/15/2021 15:32	RC
Bromodichloromethane	BRL	5.0		ug/Kg-dry	325912	1	11/15/2021 15:32	RC
Bromoform	BRL	5.0		ug/Kg-dry	325912	1	11/15/2021 15:32	RC
Bromomethane	BRL	5.0		ug/Kg-dry	325912	1	11/15/2021 15:32	RC
Carbon tetrachloride	BRL	5.0		ug/Kg-dry	325912	1	11/15/2021 15:32	RC
Chlorobenzene	BRL	5.0		ug/Kg-dry	325912	1	11/15/2021 15:32	RC
Chloroethane	BRL	10.0		ug/Kg-dry	325912	1	11/15/2021 15:32	RC
Chloroform	BRL	5.0		ug/Kg-dry	325912	1	11/15/2021 15:32	RC
Chloromethane	BRL	10.0		ug/Kg-dry	325912	1	11/15/2021 15:32	RC
cis-1,3-Dichloropropene	BRL	5.0		ug/Kg-dry	325912	1	11/15/2021 15:32	RC
Dibromochloromethane	BRL	5.0		ug/Kg-dry	325912	1	11/15/2021 15:32	RC
Ethylbenzene	BRL	5.0		ug/Kg-dry	325912	1	11/15/2021 15:32	RC
Methylene chloride	BRL	20		ug/Kg-dry	325912	1	11/15/2021 15:32	RC
Styrene	BRL	5.0		ug/Kg-dry	325912	1	11/15/2021 15:32	RC
Tetrachloroethene	BRL	5.0		ug/Kg-dry	325912	1	11/15/2021 15:32	RC
Toluene	BRL	5.0		ug/Kg-dry	325912	1	11/15/2021 15:32	RC
trans-1,2-Dichloroethene	BRL	5.0		ug/Kg-dry	325912	1	11/15/2021 15:32	RC
trans-1,3-Dichloropropene	BRL	5.0		ug/Kg-dry	325912	1	11/15/2021 15:32	RC
Trichloroethene	BRL	5.0		ug/Kg-dry	325912	1	11/15/2021 15:32	RC
Vinyl chloride	BRL	10.0		ug/Kg-dry	325912	1	11/15/2021 15:32	RC
Xylenes, Total	BRL	5.0		ug/Kg-dry	325912	1	11/15/2021 15:32	RC
Surr: 4-Bromofluorobenzene	87.7	65-124		%REC	325912	1	11/15/2021 15:32	RC
Surr: Dibromofluoromethane	105	74.8-123		%REC	325912	1	11/15/2021 15:32	RC
Surr: Toluene-d8	94	69.2-128		%REC	325912	1	11/15/2021 15:32	RC
Total Mercury by SW7473			(SW7473)					
Mercury	BRL	0.112		mg/Kg-dry	325750	1	11/12/2021 17:55	GR
TCL-SEMIVOLATILE ORGANICS SW8270E			(SW3550C)					
2,4,6-Trichlorophenol	BRL	370		ug/Kg-dry	325563	1	11/10/2021 19:33	YH
2,4-Dichlorophenol	BRL	370		ug/Kg-dry	325563	1	11/10/2021 19:33	YH

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: United Consulting Group Inc.	Client Sample ID: UCMW-2 (0-1)
Project Name: Atlanta Beltline NE Trail	Collection Date: 11/8/2021 11:15:00 AM
Lab ID: 2111952-002	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL-SEMIVOLATILE ORGANICS SW8270E		(SW3550C)						
Phenanthrene	BRL	370		ug/Kg-dry	325563	1	11/10/2021 19:33	YH
Phenol	BRL	370		ug/Kg-dry	325563	1	11/10/2021 19:33	YH
Pyrene	BRL	370		ug/Kg-dry	325563	1	11/10/2021 19:33	YH
Surr: 2,4,6-Tribromophenol	65.6	44.9-127		%REC	325563	1	11/10/2021 19:33	YH
Surr: 2-Fluorobiphenyl	64.2	50.1-120		%REC	325563	1	11/10/2021 19:33	YH
Surr: 2-Fluorophenol	63.6	40.8-120		%REC	325563	1	11/10/2021 19:33	YH
Surr: 4-Terphenyl-d14	67.3	50.9-120		%REC	325563	1	11/10/2021 19:33	YH
Surr: Nitrobenzene-d5	57	41-120		%REC	325563	1	11/10/2021 19:33	YH
Surr: Phenol-d5	59.5	45.3-120		%REC	325563	1	11/10/2021 19:33	YH
METALS, TOTAL SW6010D		(SW3050B)						
Arsenic	BRL	3.92		mg/Kg-dry	325629	1	11/12/2021 14:48	KB
Barium	225	3.92		mg/Kg-dry	325629	1	11/12/2021 14:48	KB
Cadmium	BRL	1.65		mg/Kg-dry	325629	1	11/12/2021 14:48	KB
Chromium	61.2	1.96		mg/Kg-dry	325629	1	11/12/2021 14:48	KB
Lead	6.93	3.92		mg/Kg-dry	325629	1	11/12/2021 14:48	KB
Selenium	BRL	1.65		mg/Kg-dry	325629	1	11/12/2021 14:48	KB
Silver	BRL	1.65		mg/Kg-dry	325629	1	11/12/2021 14:48	KB
PERCENT MOISTURE D2216								
Percent Moisture	10.7	0		wt%	R469643	1	11/09/2021 00:00	JW

Qualifiers:	* 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: United Consulting Group Inc.	Client Sample ID: UCMW-2 (12-13)
Project Name: Atlanta Beltline NE Trail	Collection Date: 11/8/2021 11:53:00 AM
Lab ID: 2111952-003	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260D				(SW5035)				
1,1,1-Trichloroethane	BRL	4.6		ug/Kg-dry	325912	1	11/15/2021 17:11	RC
1,1,2,2-Tetrachloroethane	BRL	4.6		ug/Kg-dry	325912	1	11/15/2021 17:11	RC
1,1,2-Trichloroethane	BRL	4.6		ug/Kg-dry	325912	1	11/15/2021 17:11	RC
1,1-Dichloroethane	BRL	4.6		ug/Kg-dry	325912	1	11/15/2021 17:11	RC
1,1-Dichloroethene	BRL	4.6		ug/Kg-dry	325912	1	11/15/2021 17:11	RC
1,2,4-Trichlorobenzene	BRL	4.6		ug/Kg-dry	325912	1	11/15/2021 17:11	RC
1,2-Dichlorobenzene	BRL	4.6		ug/Kg-dry	325912	1	11/15/2021 17:11	RC
1,2-Dichloroethane	BRL	4.6		ug/Kg-dry	325912	1	11/15/2021 17:11	RC
1,2-Dichloropropane	BRL	4.6		ug/Kg-dry	325912	1	11/15/2021 17:11	RC
1,3-Dichlorobenzene	BRL	4.6		ug/Kg-dry	325912	1	11/15/2021 17:11	RC
1,4-Dichlorobenzene	BRL	4.6		ug/Kg-dry	325912	1	11/15/2021 17:11	RC
2-Butanone	BRL	46		ug/Kg-dry	325912	1	11/15/2021 17:11	RC
Acrolein	BRL	46		ug/Kg-dry	325912	1	11/15/2021 17:11	RC
Acrylonitrile	BRL	46		ug/Kg-dry	325912	1	11/15/2021 17:11	RC
Benzene	BRL	4.6		ug/Kg-dry	325912	1	11/15/2021 17:11	RC
Bromodichloromethane	BRL	4.6		ug/Kg-dry	325912	1	11/15/2021 17:11	RC
Bromoform	BRL	4.6		ug/Kg-dry	325912	1	11/15/2021 17:11	RC
Bromomethane	BRL	4.6		ug/Kg-dry	325912	1	11/15/2021 17:11	RC
Carbon tetrachloride	BRL	4.6		ug/Kg-dry	325912	1	11/15/2021 17:11	RC
Chlorobenzene	BRL	4.6		ug/Kg-dry	325912	1	11/15/2021 17:11	RC
Chloroethane	BRL	9.2		ug/Kg-dry	325912	1	11/15/2021 17:11	RC
Chloroform	BRL	4.6		ug/Kg-dry	325912	1	11/15/2021 17:11	RC
Chloromethane	BRL	9.2		ug/Kg-dry	325912	1	11/15/2021 17:11	RC
cis-1,3-Dichloropropene	BRL	4.6		ug/Kg-dry	325912	1	11/15/2021 17:11	RC
Dibromochloromethane	BRL	4.6		ug/Kg-dry	325912	1	11/15/2021 17:11	RC
Ethylbenzene	BRL	4.6		ug/Kg-dry	325912	1	11/15/2021 17:11	RC
Methylene chloride	BRL	18		ug/Kg-dry	325912	1	11/15/2021 17:11	RC
Styrene	BRL	4.6		ug/Kg-dry	325912	1	11/15/2021 17:11	RC
Tetrachloroethene	BRL	4.6		ug/Kg-dry	325912	1	11/15/2021 17:11	RC
Toluene	BRL	4.6		ug/Kg-dry	325912	1	11/15/2021 17:11	RC
trans-1,2-Dichloroethene	BRL	4.6		ug/Kg-dry	325912	1	11/15/2021 17:11	RC
trans-1,3-Dichloropropene	BRL	4.6		ug/Kg-dry	325912	1	11/15/2021 17:11	RC
Trichloroethene	BRL	4.6		ug/Kg-dry	325912	1	11/15/2021 17:11	RC
Vinyl chloride	BRL	9.2		ug/Kg-dry	325912	1	11/15/2021 17:11	RC
Xylenes, Total	BRL	4.6		ug/Kg-dry	325912	1	11/15/2021 17:11	RC
Surr: 4-Bromofluorobenzene	83.4	65-124		%REC	325912	1	11/15/2021 17:11	RC
Surr: Dibromofluoromethane	103	74.8-123		%REC	325912	1	11/15/2021 17:11	RC
Surr: Toluene-d8	93.8	69.2-128		%REC	325912	1	11/15/2021 17:11	RC
Total Mercury by SW7473				(SW7473)				
Mercury	BRL	0.114		mg/Kg-dry	325750	1	11/12/2021 18:03	GR
TCL-SEMIVOLATILE ORGANICS SW8270E				(SW3550C)				
2,4,6-Trichlorophenol	BRL	380		ug/Kg-dry	325563	1	11/10/2021 20:00	YH
2,4-Dichlorophenol	BRL	380		ug/Kg-dry	325563	1	11/10/2021 20:00	YH

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: United Consulting Group Inc.	Client Sample ID: UCMW-2 (12-13)
Project Name: Atlanta Beltline NE Trail	Collection Date: 11/8/2021 11:53:00 AM
Lab ID: 2111952-003	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL-SEMIVOLATILE ORGANICS SW8270E		(SW3550C)						
Phenanthrene	BRL	380		ug/Kg-dry	325563	1	11/10/2021 20:00	YH
Phenol	BRL	380		ug/Kg-dry	325563	1	11/10/2021 20:00	YH
Pyrene	BRL	380		ug/Kg-dry	325563	1	11/10/2021 20:00	YH
Surr: 2,4,6-Tribromophenol	71.7	44.9-127		%REC	325563	1	11/10/2021 20:00	YH
Surr: 2-Fluorobiphenyl	69.8	50.1-120		%REC	325563	1	11/10/2021 20:00	YH
Surr: 2-Fluorophenol	66.6	40.8-120		%REC	325563	1	11/10/2021 20:00	YH
Surr: 4-Terphenyl-d14	72.7	50.9-120		%REC	325563	1	11/10/2021 20:00	YH
Surr: Nitrobenzene-d5	62.3	41-120		%REC	325563	1	11/10/2021 20:00	YH
Surr: Phenol-d5	61.2	45.3-120		%REC	325563	1	11/10/2021 20:00	YH
METALS, TOTAL SW6010D		(SW3050B)						
Arsenic	BRL	4.54		mg/Kg-dry	325629	1	11/12/2021 14:51	KB
Barium	80.7	4.54		mg/Kg-dry	325629	1	11/12/2021 14:51	KB
Cadmium	BRL	1.91		mg/Kg-dry	325629	1	11/12/2021 14:51	KB
Chromium	8.12	2.27		mg/Kg-dry	325629	1	11/12/2021 14:51	KB
Lead	BRL	4.54		mg/Kg-dry	325629	1	11/12/2021 14:51	KB
Selenium	BRL	1.91		mg/Kg-dry	325629	1	11/12/2021 14:51	KB
Silver	BRL	1.91		mg/Kg-dry	325629	1	11/12/2021 14:51	KB
PERCENT MOISTURE D2216								
Percent Moisture	12.6	0		wt%	R469643	1	11/09/2021 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: United Consulting Group Inc.	Client Sample ID: UCSB-1 (0-1)
Project Name: Atlanta Beltline NE Trail	Collection Date: 11/8/2021 1:15:00 PM
Lab ID: 2111952-004	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260D				(SW5035)				
1,1,1-Trichloroethane	BRL	4.9		ug/Kg-dry	325912	1	11/15/2021 16:22	RC
1,1,2,2-Tetrachloroethane	BRL	4.9		ug/Kg-dry	325912	1	11/15/2021 16:22	RC
1,1,2-Trichloroethane	BRL	4.9		ug/Kg-dry	325912	1	11/15/2021 16:22	RC
1,1-Dichloroethane	BRL	4.9		ug/Kg-dry	325912	1	11/15/2021 16:22	RC
1,1-Dichloroethene	BRL	4.9		ug/Kg-dry	325912	1	11/15/2021 16:22	RC
1,2,4-Trichlorobenzene	BRL	4.9		ug/Kg-dry	325912	1	11/15/2021 16:22	RC
1,2-Dichlorobenzene	BRL	4.9		ug/Kg-dry	325912	1	11/15/2021 16:22	RC
1,2-Dichloroethane	BRL	4.9		ug/Kg-dry	325912	1	11/15/2021 16:22	RC
1,2-Dichloropropane	BRL	4.9		ug/Kg-dry	325912	1	11/15/2021 16:22	RC
1,3-Dichlorobenzene	BRL	4.9		ug/Kg-dry	325912	1	11/15/2021 16:22	RC
1,4-Dichlorobenzene	BRL	4.9		ug/Kg-dry	325912	1	11/15/2021 16:22	RC
2-Butanone	BRL	49		ug/Kg-dry	325912	1	11/15/2021 16:22	RC
Acrolein	BRL	49		ug/Kg-dry	325912	1	11/15/2021 16:22	RC
Acrylonitrile	BRL	49		ug/Kg-dry	325912	1	11/15/2021 16:22	RC
Benzene	BRL	4.9		ug/Kg-dry	325912	1	11/15/2021 16:22	RC
Bromodichloromethane	BRL	4.9		ug/Kg-dry	325912	1	11/15/2021 16:22	RC
Bromoform	BRL	4.9		ug/Kg-dry	325912	1	11/15/2021 16:22	RC
Bromomethane	BRL	4.9		ug/Kg-dry	325912	1	11/15/2021 16:22	RC
Carbon tetrachloride	BRL	4.9		ug/Kg-dry	325912	1	11/15/2021 16:22	RC
Chlorobenzene	BRL	4.9		ug/Kg-dry	325912	1	11/15/2021 16:22	RC
Chloroethane	BRL	9.7		ug/Kg-dry	325912	1	11/15/2021 16:22	RC
Chloroform	BRL	4.9		ug/Kg-dry	325912	1	11/15/2021 16:22	RC
Chloromethane	BRL	9.7		ug/Kg-dry	325912	1	11/15/2021 16:22	RC
cis-1,3-Dichloropropene	BRL	4.9		ug/Kg-dry	325912	1	11/15/2021 16:22	RC
Dibromochloromethane	BRL	4.9		ug/Kg-dry	325912	1	11/15/2021 16:22	RC
Ethylbenzene	BRL	4.9		ug/Kg-dry	325912	1	11/15/2021 16:22	RC
Methylene chloride	BRL	19		ug/Kg-dry	325912	1	11/15/2021 16:22	RC
Styrene	BRL	4.9		ug/Kg-dry	325912	1	11/15/2021 16:22	RC
Tetrachloroethene	BRL	4.9		ug/Kg-dry	325912	1	11/15/2021 16:22	RC
Toluene	BRL	4.9		ug/Kg-dry	325912	1	11/15/2021 16:22	RC
trans-1,2-Dichloroethene	BRL	4.9		ug/Kg-dry	325912	1	11/15/2021 16:22	RC
trans-1,3-Dichloropropene	BRL	4.9		ug/Kg-dry	325912	1	11/15/2021 16:22	RC
Trichloroethene	BRL	4.9		ug/Kg-dry	325912	1	11/15/2021 16:22	RC
Vinyl chloride	BRL	9.7		ug/Kg-dry	325912	1	11/15/2021 16:22	RC
Xylenes, Total	BRL	4.9		ug/Kg-dry	325912	1	11/15/2021 16:22	RC
Surr: 4-Bromofluorobenzene	82.9	65-124		%REC	325912	1	11/15/2021 16:22	RC
Surr: Dibromofluoromethane	102	74.8-123		%REC	325912	1	11/15/2021 16:22	RC
Surr: Toluene-d8	92.5	69.2-128		%REC	325912	1	11/15/2021 16:22	RC
Total Mercury by SW7473				(SW7473)				
Mercury	BRL	0.115		mg/Kg-dry	325750	1	11/12/2021 18:11	GR
TCL-SEMIVOLATILE ORGANICS SW8270E				(SW3550C)				
2,4,6-Trichlorophenol	BRL	380		ug/Kg-dry	325563	1	11/10/2021 20:27	YH
2,4-Dichlorophenol	BRL	380		ug/Kg-dry	325563	1	11/10/2021 20:27	YH

Qualifiers:	* 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: United Consulting Group Inc.	Client Sample ID: UCSB-1 (0-1)
Project Name: Atlanta Beltline NE Trail	Collection Date: 11/8/2021 1:15:00 PM
Lab ID: 2111952-004	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL-SEMIVOLATILE ORGANICS SW8270E		(SW3550C)						
Phenanthrene	BRL	380		ug/Kg-dry	325563	1	11/10/2021 20:27	YH
Phenol	BRL	380		ug/Kg-dry	325563	1	11/10/2021 20:27	YH
Pyrene	BRL	380		ug/Kg-dry	325563	1	11/10/2021 20:27	YH
Surr: 2,4,6-Tribromophenol	74.3	44.9-127		%REC	325563	1	11/10/2021 20:27	YH
Surr: 2-Fluorobiphenyl	71	50.1-120		%REC	325563	1	11/10/2021 20:27	YH
Surr: 2-Fluorophenol	66.8	40.8-120		%REC	325563	1	11/10/2021 20:27	YH
Surr: 4-Terphenyl-d14	73.2	50.9-120		%REC	325563	1	11/10/2021 20:27	YH
Surr: Nitrobenzene-d5	62.7	41-120		%REC	325563	1	11/10/2021 20:27	YH
Surr: Phenol-d5	63.5	45.3-120		%REC	325563	1	11/10/2021 20:27	YH
METALS, TOTAL SW6010D		(SW3050B)						
Arsenic	BRL	4.06		mg/Kg-dry	325629	1	11/12/2021 14:54	KB
Barium	142	4.06		mg/Kg-dry	325629	1	11/12/2021 14:54	KB
Cadmium	BRL	1.71		mg/Kg-dry	325629	1	11/12/2021 14:54	KB
Chromium	33.3	2.03		mg/Kg-dry	325629	1	11/12/2021 14:54	KB
Lead	5.95	4.06		mg/Kg-dry	325629	1	11/12/2021 14:54	KB
Selenium	BRL	1.71		mg/Kg-dry	325629	1	11/12/2021 14:54	KB
Silver	BRL	1.71		mg/Kg-dry	325629	1	11/12/2021 14:54	KB
PERCENT MOISTURE D2216								
Percent Moisture	13.3	0		wt%	R469643	1	11/09/2021 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: United Consulting Group Inc.	Client Sample ID: UCMW-1 (0-1)
Project Name: Atlanta Beltline NE Trail	Collection Date: 11/8/2021 2:21:00 PM
Lab ID: 2111952-005	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260D				(SW5035)				
1,1,1-Trichloroethane	BRL	5.2		ug/Kg-dry	325912	1	11/15/2021 16:47	RC
1,1,2,2-Tetrachloroethane	BRL	5.2		ug/Kg-dry	325912	1	11/15/2021 16:47	RC
1,1,2-Trichloroethane	BRL	5.2		ug/Kg-dry	325912	1	11/15/2021 16:47	RC
1,1-Dichloroethane	BRL	5.2		ug/Kg-dry	325912	1	11/15/2021 16:47	RC
1,1-Dichloroethene	BRL	5.2		ug/Kg-dry	325912	1	11/15/2021 16:47	RC
1,2,4-Trichlorobenzene	BRL	5.2		ug/Kg-dry	325912	1	11/15/2021 16:47	RC
1,2-Dichlorobenzene	BRL	5.2		ug/Kg-dry	325912	1	11/15/2021 16:47	RC
1,2-Dichloroethane	BRL	5.2		ug/Kg-dry	325912	1	11/15/2021 16:47	RC
1,2-Dichloropropane	BRL	5.2		ug/Kg-dry	325912	1	11/15/2021 16:47	RC
1,3-Dichlorobenzene	BRL	5.2		ug/Kg-dry	325912	1	11/15/2021 16:47	RC
1,4-Dichlorobenzene	BRL	5.2		ug/Kg-dry	325912	1	11/15/2021 16:47	RC
2-Butanone	BRL	52		ug/Kg-dry	325912	1	11/15/2021 16:47	RC
Acrolein	BRL	52		ug/Kg-dry	325912	1	11/15/2021 16:47	RC
Acrylonitrile	BRL	52		ug/Kg-dry	325912	1	11/15/2021 16:47	RC
Benzene	BRL	5.2		ug/Kg-dry	325912	1	11/15/2021 16:47	RC
Bromodichloromethane	BRL	5.2		ug/Kg-dry	325912	1	11/15/2021 16:47	RC
Bromoform	BRL	5.2		ug/Kg-dry	325912	1	11/15/2021 16:47	RC
Bromomethane	BRL	5.2		ug/Kg-dry	325912	1	11/15/2021 16:47	RC
Carbon tetrachloride	BRL	5.2		ug/Kg-dry	325912	1	11/15/2021 16:47	RC
Chlorobenzene	BRL	5.2		ug/Kg-dry	325912	1	11/15/2021 16:47	RC
Chloroethane	BRL	10		ug/Kg-dry	325912	1	11/15/2021 16:47	RC
Chloroform	BRL	5.2		ug/Kg-dry	325912	1	11/15/2021 16:47	RC
Chloromethane	BRL	10		ug/Kg-dry	325912	1	11/15/2021 16:47	RC
cis-1,3-Dichloropropene	BRL	5.2		ug/Kg-dry	325912	1	11/15/2021 16:47	RC
Dibromochloromethane	BRL	5.2		ug/Kg-dry	325912	1	11/15/2021 16:47	RC
Ethylbenzene	BRL	5.2		ug/Kg-dry	325912	1	11/15/2021 16:47	RC
Methylene chloride	BRL	21		ug/Kg-dry	325912	1	11/15/2021 16:47	RC
Styrene	BRL	5.2		ug/Kg-dry	325912	1	11/15/2021 16:47	RC
Tetrachloroethene	BRL	5.2		ug/Kg-dry	325912	1	11/15/2021 16:47	RC
Toluene	BRL	5.2		ug/Kg-dry	325912	1	11/15/2021 16:47	RC
trans-1,2-Dichloroethene	BRL	5.2		ug/Kg-dry	325912	1	11/15/2021 16:47	RC
trans-1,3-Dichloropropene	BRL	5.2		ug/Kg-dry	325912	1	11/15/2021 16:47	RC
Trichloroethene	BRL	5.2		ug/Kg-dry	325912	1	11/15/2021 16:47	RC
Vinyl chloride	BRL	10		ug/Kg-dry	325912	1	11/15/2021 16:47	RC
Xylenes, Total	BRL	5.2		ug/Kg-dry	325912	1	11/15/2021 16:47	RC
Surr: 4-Bromofluorobenzene	86.3	65-124		%REC	325912	1	11/15/2021 16:47	RC
Surr: Dibromofluoromethane	102	74.8-123		%REC	325912	1	11/15/2021 16:47	RC
Surr: Toluene-d8	91.5	69.2-128		%REC	325912	1	11/15/2021 16:47	RC
Total Mercury by SW7473				(SW7473)				
Mercury	BRL	0.120		mg/Kg-dry	325750	1	11/12/2021 18:19	GR
TCL-SEMIVOLATILE ORGANICS SW8270E				(SW3550C)				
2,4,6-Trichlorophenol	BRL	400		ug/Kg-dry	325563	1	11/10/2021 20:54	YH
2,4-Dichlorophenol	BRL	400		ug/Kg-dry	325563	1	11/10/2021 20:54	YH

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: United Consulting Group Inc.	Client Sample ID: UCMW-1 (0-1)
Project Name: Atlanta Beltline NE Trail	Collection Date: 11/8/2021 2:21:00 PM
Lab ID: 2111952-005	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL-SEMIVOLATILE ORGANICS SW8270E		(SW3550C)						
Phenanthrene	BRL	400		ug/Kg-dry	325563	1	11/10/2021 20:54	YH
Phenol	BRL	400		ug/Kg-dry	325563	1	11/10/2021 20:54	YH
Pyrene	BRL	400		ug/Kg-dry	325563	1	11/10/2021 20:54	YH
Surr: 2,4,6-Tribromophenol	69.9	44.9-127		%REC	325563	1	11/10/2021 20:54	YH
Surr: 2-Fluorobiphenyl	66.9	50.1-120		%REC	325563	1	11/10/2021 20:54	YH
Surr: 2-Fluorophenol	60	40.8-120		%REC	325563	1	11/10/2021 20:54	YH
Surr: 4-Terphenyl-d14	70	50.9-120		%REC	325563	1	11/10/2021 20:54	YH
Surr: Nitrobenzene-d5	57.1	41-120		%REC	325563	1	11/10/2021 20:54	YH
Surr: Phenol-d5	57.1	45.3-120		%REC	325563	1	11/10/2021 20:54	YH
METALS, TOTAL SW6010D		(SW3050B)						
Arsenic	BRL	4.05		mg/Kg-dry	325629	1	11/12/2021 14:57	KB
Barium	158	4.05		mg/Kg-dry	325629	1	11/12/2021 14:57	KB
Cadmium	BRL	1.70		mg/Kg-dry	325629	1	11/12/2021 14:57	KB
Chromium	52.6	2.02		mg/Kg-dry	325629	1	11/12/2021 14:57	KB
Lead	47.7	4.05		mg/Kg-dry	325629	1	11/12/2021 14:57	KB
Selenium	BRL	1.70		mg/Kg-dry	325629	1	11/12/2021 14:57	KB
Silver	BRL	1.70		mg/Kg-dry	325629	1	11/12/2021 14:57	KB
PERCENT MOISTURE D2216								
Percent Moisture	16.8	0		wt%	R469643	1	11/09/2021 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: United Consulting Group Inc.	Client Sample ID: UCMW-1
Project Name: Atlanta Beltline NE Trail	Collection Date: 11/8/2021 2:45:00 PM
Lab ID: 2111952-006	Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260D				(SW5030B)				
1,1,1-Trichloroethane	BRL	5.0		ug/L	325844	1	11/12/2021 18:38	CM
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	325844	1	11/12/2021 18:38	CM
1,1,2-Trichloroethane	BRL	5.0		ug/L	325844	1	11/12/2021 18:38	CM
1,1-Dichloroethane	BRL	5.0		ug/L	325844	1	11/12/2021 18:38	CM
1,1-Dichloroethene	BRL	5.0		ug/L	325844	1	11/12/2021 18:38	CM
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	325844	1	11/12/2021 18:38	CM
1,2-Dichlorobenzene	BRL	5.0		ug/L	325844	1	11/12/2021 18:38	CM
1,2-Dichloroethane	BRL	5.0		ug/L	325844	1	11/12/2021 18:38	CM
1,2-Dichloropropane	BRL	5.0		ug/L	325844	1	11/12/2021 18:38	CM
1,3-Dichlorobenzene	BRL	5.0		ug/L	325844	1	11/12/2021 18:38	CM
1,4-Dichlorobenzene	BRL	5.0		ug/L	325844	1	11/12/2021 18:38	CM
2-Butanone	BRL	50		ug/L	325844	1	11/12/2021 18:38	CM
Acrolein	BRL	20		ug/L	325844	1	11/12/2021 18:38	CM
Acrylonitrile	BRL	5.0		ug/L	325844	1	11/12/2021 18:38	CM
Benzene	BRL	5.0		ug/L	325844	1	11/12/2021 18:38	CM
Bromodichloromethane	BRL	5.0		ug/L	325844	1	11/12/2021 18:38	CM
Bromoform	BRL	5.0		ug/L	325844	1	11/12/2021 18:38	CM
Bromomethane	BRL	5.0		ug/L	325844	1	11/12/2021 18:38	CM
Carbon tetrachloride	BRL	5.0		ug/L	325844	1	11/12/2021 18:38	CM
Chlorobenzene	BRL	5.0		ug/L	325844	1	11/12/2021 18:38	CM
Chloroethane	BRL	10		ug/L	325844	1	11/12/2021 18:38	CM
Chloroform	BRL	5.0		ug/L	325844	1	11/12/2021 18:38	CM
Chloromethane	BRL	10		ug/L	325844	1	11/12/2021 18:38	CM
cis-1,3-Dichloropropene	BRL	5.0		ug/L	325844	1	11/12/2021 18:38	CM
Dibromochloromethane	BRL	5.0		ug/L	325844	1	11/12/2021 18:38	CM
Ethylbenzene	BRL	5.0		ug/L	325844	1	11/12/2021 18:38	CM
Methylene chloride	BRL	5.0		ug/L	325844	1	11/12/2021 18:38	CM
Styrene	BRL	5.0		ug/L	325844	1	11/12/2021 18:38	CM
Tetrachloroethene	BRL	5.0		ug/L	325844	1	11/12/2021 18:38	CM
trans-1,2-Dichloroethene	BRL	5.0		ug/L	325844	1	11/12/2021 18:38	CM
trans-1,3-Dichloropropene	BRL	5.0		ug/L	325844	1	11/12/2021 18:38	CM
Trichloroethene	BRL	5.0		ug/L	325844	1	11/12/2021 18:38	CM
Vinyl chloride	BRL	2.0		ug/L	325844	1	11/12/2021 18:38	CM
Toluene	BRL	5.0		ug/L	325844	1	11/12/2021 18:38	CM
Xylenes, Total	BRL	5.0		ug/L	325844	1	11/12/2021 18:38	CM
Surr: 4-Bromofluorobenzene	94.9	74.9-127		%REC	325844	1	11/12/2021 18:38	CM
Surr: Dibromofluoromethane	96.6	78.9-121		%REC	325844	1	11/12/2021 18:38	CM
Surr: Toluene-d8	99.3	81.5-120		%REC	325844	1	11/12/2021 18:38	CM

TCL-SEMIVOLATILE ORGANICS SW8270E				(SW3510C)				
2,4,6-Trichlorophenol	BRL	10		ug/L	325464	1	11/10/2021 22:57	YH
2,4-Dichlorophenol	BRL	10		ug/L	325464	1	11/10/2021 22:57	YH
2,4-Dimethylphenol	BRL	10		ug/L	325464	1	11/10/2021 22:57	YH
2,4-Dinitrophenol	BRL	25		ug/L	325464	1	11/10/2021 22:57	YH
2,4-Dinitrotoluene	BRL	10		ug/L	325464	1	11/10/2021 22:57	YH

Qualifiers:	* 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: United Consulting Group Inc.
Project Name: Atlanta Beltline NE Trail
Lab ID: 2111952-006

Client Sample ID: UCMW-1
Collection Date: 11/8/2021 2:45:00 PM
Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL-SEMIVOLATILE ORGANICS	SW8270E				(SW3510C)			
2,6-Dinitrotoluene	BRL	10		ug/L	325464	1	11/10/2021 22:57	YH
2-Chloronaphthalene	BRL	10		ug/L	325464	1	11/10/2021 22:57	YH
2-Chlorophenol	BRL	10		ug/L	325464	1	11/10/2021 22:57	YH
2-Nitrophenol	BRL	10		ug/L	325464	1	11/10/2021 22:57	YH
3,3'-Dichlorobenzidine	BRL	10		ug/L	325464	1	11/10/2021 22:57	YH
4,6-Dinitro-2-methylphenol	BRL	25		ug/L	325464	1	11/10/2021 22:57	YH
4-Bromophenyl phenyl ether	BRL	10		ug/L	325464	1	11/10/2021 22:57	YH
4-Chloro-3-methylphenol	BRL	10		ug/L	325464	1	11/10/2021 22:57	YH
4-Chlorophenyl phenyl ether	BRL	10		ug/L	325464	1	11/10/2021 22:57	YH
4-Nitrophenol	BRL	25		ug/L	325464	1	11/10/2021 22:57	YH
Acenaphthene	BRL	10		ug/L	325464	1	11/10/2021 22:57	YH
Acenaphthylene	BRL	10		ug/L	325464	1	11/10/2021 22:57	YH
Anthracene	BRL	10		ug/L	325464	1	11/10/2021 22:57	YH
Benz(a)anthracene	BRL	10		ug/L	325464	1	11/10/2021 22:57	YH
Benzo(a)pyrene	BRL	10		ug/L	325464	1	11/10/2021 22:57	YH
Benzo(b)fluoranthene	BRL	10		ug/L	325464	1	11/10/2021 22:57	YH
Benzo(g,h,i)perylene	BRL	10		ug/L	325464	1	11/10/2021 22:57	YH
Benzo(k)fluoranthene	BRL	10		ug/L	325464	1	11/10/2021 22:57	YH
Bis(2-chloroethoxy)methane	BRL	10		ug/L	325464	1	11/10/2021 22:57	YH
Bis(2-chloroethyl)ether	BRL	10		ug/L	325464	1	11/10/2021 22:57	YH
Bis(2-chloroisopropyl)ether	BRL	10		ug/L	325464	1	11/10/2021 22:57	YH
Bis(2-ethylhexyl)phthalate	BRL	10		ug/L	325464	1	11/10/2021 22:57	YH
Butyl benzyl phthalate	BRL	10		ug/L	325464	1	11/10/2021 22:57	YH
Chrysene	BRL	10		ug/L	325464	1	11/10/2021 22:57	YH
Di-n-butyl phthalate	BRL	10		ug/L	325464	1	11/10/2021 22:57	YH
Di-n-octyl phthalate	BRL	10		ug/L	325464	1	11/10/2021 22:57	YH
Dibenz(a,h)anthracene	BRL	10		ug/L	325464	1	11/10/2021 22:57	YH
Diethyl phthalate	BRL	10		ug/L	325464	1	11/10/2021 22:57	YH
Dimethyl phthalate	BRL	10		ug/L	325464	1	11/10/2021 22:57	YH
Fluoranthene	BRL	10		ug/L	325464	1	11/10/2021 22:57	YH
Fluorene	BRL	10		ug/L	325464	1	11/10/2021 22:57	YH
Hexachlorobenzene	BRL	10		ug/L	325464	1	11/10/2021 22:57	YH
Hexachlorobutadiene	BRL	10		ug/L	325464	1	11/10/2021 22:57	YH
Hexachlorocyclopentadiene	BRL	10		ug/L	325464	1	11/10/2021 22:57	YH
Hexachloroethane	BRL	10		ug/L	325464	1	11/10/2021 22:57	YH
Indeno(1,2,3-cd)pyrene	BRL	10		ug/L	325464	1	11/10/2021 22:57	YH
Isophorone	BRL	10		ug/L	325464	1	11/10/2021 22:57	YH
N-Nitrosodi-n-propylamine	BRL	10		ug/L	325464	1	11/10/2021 22:57	YH
N-Nitrosodiphenylamine	BRL	10		ug/L	325464	1	11/10/2021 22:57	YH
Naphthalene	BRL	10		ug/L	325464	1	11/10/2021 22:57	YH
Nitrobenzene	BRL	10		ug/L	325464	1	11/10/2021 22:57	YH
Pentachlorophenol	BRL	25		ug/L	325464	1	11/10/2021 22:57	YH
Phenanthrene	BRL	10		ug/L	325464	1	11/10/2021 22:57	YH
Phenol	BRL	10		ug/L	325464	1	11/10/2021 22:57	YH
Pyrene	BRL	10		ug/L	325464	1	11/10/2021 22:57	YH

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: United Consulting Group Inc.	Client Sample ID: UCMW-1
Project Name: Atlanta Beltline NE Trail	Collection Date: 11/8/2021 2:45:00 PM
Lab ID: 2111952-006	Matrix: Groundwater

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
TCL-SEMIVOLATILE ORGANICS SW8270E					(SW3510C)			
Surr: 2,4,6-Tribromophenol	56.8	46-135		%REC	325464	1	11/10/2021 22:57	YH
Surr: 2-Fluorobiphenyl	61.4	45-121		%REC	325464	1	11/10/2021 22:57	YH
Surr: 2-Fluorophenol	31.8	28.2-120		%REC	325464	1	11/10/2021 22:57	YH
Surr: 4-Terphenyl-d14	60.6	44-120		%REC	325464	1	11/10/2021 22:57	YH
Surr: Nitrobenzene-d5	53.8	41-123		%REC	325464	1	11/10/2021 22:57	YH
Surr: Phenol-d5	19.1	19.5-120	S	%REC	325464	1	11/10/2021 22:57	YH
METALS, DISSOLVED SW6010D					(SW3005A)			
Arsenic	BRL	0.0100		mg/L	325611	1	11/15/2021 16:02	KB
Barium	0.101	0.0200		mg/L	325611	1	11/15/2021 16:02	KB
Cadmium	BRL	0.0050		mg/L	325611	1	11/15/2021 16:02	KB
Chromium	BRL	0.0100		mg/L	325611	1	11/15/2021 16:02	KB
Lead	BRL	0.0100		mg/L	325611	1	11/15/2021 16:02	KB
Selenium	BRL	0.0200		mg/L	325611	1	11/15/2021 16:02	KB
Silver	BRL	0.0100		mg/L	325611	1	11/15/2021 16:02	KB
Mercury, Total SW7470A					(SW7470A)			
Mercury	BRL	0.00020		mg/L	325951	1	11/16/2021 21:09	GR
Mercury, Dissolved SW7470A					(SW7470A)			
Mercury	BRL	0.00020		mg/L	325864	1	11/15/2021 22:25	GR
METALS, TOTAL SW6010D					(SW3010A)			
Arsenic	BRL	0.0100		mg/L	325530	1	11/15/2021 12:30	KB
Barium	0.186	0.0200		mg/L	325530	1	11/15/2021 12:30	KB
Cadmium	BRL	0.0050		mg/L	325530	1	11/15/2021 12:30	KB
Chromium	BRL	0.0100		mg/L	325530	1	11/15/2021 12:30	KB
Lead	BRL	0.0100		mg/L	325530	1	11/15/2021 12:30	KB
Selenium	BRL	0.0200		mg/L	325530	1	11/15/2021 12:30	KB
Silver	BRL	0.0100		mg/L	325530	1	11/15/2021 12:30	KB

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: United Consulting Group Inc.	Client Sample ID: TRIP BLANK
Project Name: Atlanta Beltline NE Trail	Collection Date: 11/8/2021
Lab ID: 2111952-007	Matrix: Aqueous

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
Volatile Organic Compounds by GC/MS SW8260D				(SW5030B)				
1,1,1-Trichloroethane	BRL	5.0		ug/L	325844	1	11/12/2021 12:24	CM
1,1,2,2-Tetrachloroethane	BRL	5.0		ug/L	325844	1	11/12/2021 12:24	CM
1,1,2-Trichloroethane	BRL	5.0		ug/L	325844	1	11/12/2021 12:24	CM
1,1-Dichloroethane	BRL	5.0		ug/L	325844	1	11/12/2021 12:24	CM
1,1-Dichloroethene	BRL	5.0		ug/L	325844	1	11/12/2021 12:24	CM
1,2,4-Trichlorobenzene	BRL	5.0		ug/L	325844	1	11/12/2021 12:24	CM
1,2-Dichlorobenzene	BRL	5.0		ug/L	325844	1	11/12/2021 12:24	CM
1,2-Dichloroethane	BRL	5.0		ug/L	325844	1	11/12/2021 12:24	CM
1,2-Dichloropropane	BRL	5.0		ug/L	325844	1	11/12/2021 12:24	CM
1,3-Dichlorobenzene	BRL	5.0		ug/L	325844	1	11/12/2021 12:24	CM
1,4-Dichlorobenzene	BRL	5.0		ug/L	325844	1	11/12/2021 12:24	CM
2-Butanone	BRL	50		ug/L	325844	1	11/12/2021 12:24	CM
Acrolein	BRL	20		ug/L	325844	1	11/12/2021 12:24	CM
Acrylonitrile	BRL	5.0		ug/L	325844	1	11/12/2021 12:24	CM
Benzene	BRL	5.0		ug/L	325844	1	11/12/2021 12:24	CM
Bromodichloromethane	BRL	5.0		ug/L	325844	1	11/12/2021 12:24	CM
Bromoform	BRL	5.0		ug/L	325844	1	11/12/2021 12:24	CM
Bromomethane	BRL	5.0		ug/L	325844	1	11/12/2021 12:24	CM
Carbon tetrachloride	BRL	5.0		ug/L	325844	1	11/12/2021 12:24	CM
Chlorobenzene	BRL	5.0		ug/L	325844	1	11/12/2021 12:24	CM
Chloroethane	BRL	10		ug/L	325844	1	11/12/2021 12:24	CM
Chloroform	BRL	5.0		ug/L	325844	1	11/12/2021 12:24	CM
Chloromethane	BRL	10		ug/L	325844	1	11/12/2021 12:24	CM
cis-1,3-Dichloropropene	BRL	5.0		ug/L	325844	1	11/12/2021 12:24	CM
Dibromochloromethane	BRL	5.0		ug/L	325844	1	11/12/2021 12:24	CM
Ethylbenzene	BRL	5.0		ug/L	325844	1	11/12/2021 12:24	CM
Methylene chloride	BRL	5.0		ug/L	325844	1	11/12/2021 12:24	CM
Styrene	BRL	5.0		ug/L	325844	1	11/12/2021 12:24	CM
Tetrachloroethene	BRL	5.0		ug/L	325844	1	11/12/2021 12:24	CM
trans-1,2-Dichloroethene	BRL	5.0		ug/L	325844	1	11/12/2021 12:24	CM
trans-1,3-Dichloropropene	BRL	5.0		ug/L	325844	1	11/12/2021 12:24	CM
Trichloroethene	BRL	5.0		ug/L	325844	1	11/12/2021 12:24	CM
Vinyl chloride	BRL	2.0		ug/L	325844	1	11/12/2021 12:24	CM
Toluene	BRL	5.0		ug/L	325844	1	11/12/2021 12:24	CM
Xylenes, Total	BRL	5.0		ug/L	325844	1	11/12/2021 12:24	CM
Surr: 4-Bromofluorobenzene	98.3	74.9-127		%REC	325844	1	11/12/2021 12:24	CM
Surr: Dibromofluoromethane	97.5	78.9-121		%REC	325844	1	11/12/2021 12:24	CM
Surr: Toluene-d8	99	81.5-120		%REC	325844	1	11/12/2021 12:24	CM

Qualifiers:	* 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

SUMMARY OF ANALYTES DETECTED

Analyses	Result	Qual	Reporting Limit	Units	BatchID	Dilution Factor
Client Sample ID: UCSB-2 (0-1)			Lab ID: 2111952-001			
Collection Date: 11/8/2021 10:45:00 AM			Matrix: Soil			
METALS, TOTAL SW6010D			(SW3050B)			
Barium	279		4.44	mg/Kg-dry	325629	1
Chromium	40.0		2.22	mg/Kg-dry	325629	1
Lead	8.38		4.44	mg/Kg-dry	325629	1
PERCENT MOISTURE D2216						
Percent Moisture	15.7		0	wt%	R469643	1
Client Sample ID: UCMW-2 (0-1)			Lab ID: 2111952-002			
Collection Date: 11/8/2021 11:15:00 AM			Matrix: Soil			
METALS, TOTAL SW6010D			(SW3050B)			
Barium	225		3.92	mg/Kg-dry	325629	1
Chromium	61.2		1.96	mg/Kg-dry	325629	1
Lead	6.93		3.92	mg/Kg-dry	325629	1
PERCENT MOISTURE D2216						
Percent Moisture	10.7		0	wt%	R469643	1
Client Sample ID: UCMW-2 (12-13)			Lab ID: 2111952-003			
Collection Date: 11/8/2021 11:53:00 AM			Matrix: Soil			
METALS, TOTAL SW6010D			(SW3050B)			
Barium	80.7		4.54	mg/Kg-dry	325629	1
Chromium	8.12		2.27	mg/Kg-dry	325629	1
PERCENT MOISTURE D2216						
Percent Moisture	12.6		0	wt%	R469643	1
Client Sample ID: UCSB-1 (0-1)			Lab ID: 2111952-004			
Collection Date: 11/8/2021 1:15:00 PM			Matrix: Soil			
METALS, TOTAL SW6010D			(SW3050B)			
Barium	142		4.06	mg/Kg-dry	325629	1
Chromium	33.3		2.03	mg/Kg-dry	325629	1
Lead	5.95		4.06	mg/Kg-dry	325629	1
PERCENT MOISTURE D2216						
Percent Moisture	13.3		0	wt%	R469643	1
Client Sample ID: UCMW-1 (0-1)			Lab ID: 2111952-005			
Collection Date: 11/8/2021 2:21:00 PM			Matrix: Soil			
METALS, TOTAL SW6010D			(SW3050B)			
Barium	158		4.05	mg/Kg-dry	325629	1
Chromium	52.6		2.02	mg/Kg-dry	325629	1
Lead	47.7		4.05	mg/Kg-dry	325629	1
PERCENT MOISTURE D2216						
Percent Moisture	16.8		0	wt%	R469643	1
Client Sample ID: UCMW-1			Lab ID: 2111952-006			
Collection Date: 11/8/2021 2:45:00 PM			Matrix: Groundwater			
METALS, DISSOLVED SW6010D			(SW3005A)			
Barium	0.101		0.0200	mg/L	325611	1
METALS, TOTAL SW6010D			(SW3010A)			
Barium	0.186		0.0200	mg/L	325530	1

SUMMARY OF ANALYTES DETECTED

Analyses	Result	Qual	Reporting Limit	Units	BatchID	Dilution Factor
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Qualifiers:	* 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			



SAMPLE/COOLER RECEIPT CHECKLIST

Clear Save as

1. Client Name: United Consulting Group Inc. AES Work Order Number: 2111952
2. Carrier: FedEx UPS USPS Client Courier Other

Table with 4 columns: Question, Yes, No, N/A, Details, Comments. Rows 3-12 covering shipping container, seals, temperature, and COC checks.

13. Cooler 1 Temperature 4.0 °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). CP 11/08/2021

Table with 4 columns: Question, Yes, No, N/A, Details, Comments. Rows 16-26 covering sample containers, labels, COC, and trip blanks.

27. Comments: I certify that I have completed sections 16-27 (dated initials). CW 11/9/21

Table with 4 columns: Question, Yes, No, N/A, Details, Comments. Rows 28-30 covering pH preservation checks.

* 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). CW 11/9/21

Locked

Client: United Consulting Group Inc.
 Project Name: Atlanta Beltline NE Trail
 Workorder: 2111952

ANALYTICAL QC SUMMARY REPORT

BatchID: 325464

Sample ID: **MB-325464** Client ID: Units: **ug/L** Prep Date: **11/09/2021** Run No: **469878**
 Sample Type: **MBLK** Test Code: **TCL-SEMIVOLATILE ORGANICS SW8270E** BatchID: **325464** Analysis Date: **11/10/2021** Seq No: **10807209**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
2,4,6-Trichlorophenol	BRL	10									
2,4-Dichlorophenol	BRL	10									
2,4-Dimethylphenol	BRL	10									
2,4-Dinitrophenol	BRL	25									
2,4-Dinitrotoluene	BRL	10									
2,6-Dinitrotoluene	BRL	10									
2-Chloronaphthalene	BRL	10									
2-Chlorophenol	BRL	10									
2-Nitrophenol	BRL	10									
3,3'-Dichlorobenzidine	BRL	10									
4,6-Dinitro-2-methylphenol	BRL	25									
4-Bromophenyl phenyl ether	BRL	10									
4-Chloro-3-methylphenol	BRL	10									
4-Chlorophenyl phenyl ether	BRL	10									
4-Nitrophenol	BRL	25									
Acenaphthene	BRL	10									
Acenaphthylene	BRL	10									
Anthracene	BRL	10									
Benz(a)anthracene	BRL	10									
Benzo(a)pyrene	BRL	10									
Benzo(b)fluoranthene	BRL	10									
Benzo(g,h,i)perylene	BRL	10									
Benzo(k)fluoranthene	BRL	10									
Bis(2-chloroethoxy)methane	BRL	10									
Bis(2-chloroethyl)ether	BRL	10									
Bis(2-chloroisopropyl)ether	BRL	10									
Bis(2-ethylhexyl)phthalate	BRL	10									

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

Analytical Environmental Services, Inc

Date: 17-Nov-21

Client: United Consulting Group Inc.
 Project Name: Atlanta Beltline NE Trail
 Workorder: 2111952

ANALYTICAL QC SUMMARY REPORT

BatchID: 325464

Sample ID: MB-325464	Client ID:	Units: ug/L	Prep Date: 11/09/2021	Run No: 469878
SampleType: MBLK	TestCode: TCL-SEMIVOLATILE ORGANICS SW8270E	BatchID: 325464	Analysis Date: 11/10/2021	Seq No: 10807209

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Butyl benzyl phthalate	BRL	10									
Chrysene	BRL	10									
Di-n-butyl phthalate	BRL	10									
Di-n-octyl phthalate	BRL	10									
Dibenz(a,h)anthracene	BRL	10									
Diethyl phthalate	BRL	10									
Dimethyl phthalate	BRL	10									
Fluoranthene	BRL	10									
Fluorene	BRL	10									
Hexachlorobenzene	BRL	10									
Hexachlorobutadiene	BRL	10									
Hexachlorocyclopentadiene	BRL	10									
Hexachloroethane	BRL	10									
Indeno(1,2,3-cd)pyrene	BRL	10									
Isophorone	BRL	10									
N-Nitrosodi-n-propylamine	BRL	10									
N-Nitrosodiphenylamine	BRL	10									
Naphthalene	BRL	10									
Nitrobenzene	BRL	10									
Pentachlorophenol	BRL	25									
Phenanthrene	BRL	10									
Phenol	BRL	10									
Pyrene	BRL	10									
Surr: 2,4,6-Tribromophenol	83.60	0	100.0		83.6	46	135				
Surr: 2-Fluorobiphenyl	41.04	0	50.00		82.1	45	121				
Surr: 2-Fluorophenol	56.14	0	100.0		56.1	28.2	120				
Surr: 4-Terphenyl-d14	41.48	0	50.00		83.0	44	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: United Consulting Group Inc.
 Project Name: Atlanta Beltline NE Trail
 Workorder: 2111952

ANALYTICAL QC SUMMARY REPORT

BatchID: 325464

Sample ID: MB-325464	Client ID:	Units: ug/L	Prep Date: 11/09/2021	Run No: 469878							
SampleType: MBLK	TestCode: TCL-SEMIVOLATILE ORGANICS SW8270E	BatchID: 325464	Analysis Date: 11/10/2021	Seq No: 10807209							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Surr: Nitrobenzene-d5	36.31	0	50.00		72.6	41	123				
Surr: Phenol-d5	35.03	0	100.0		35.0	19.5	120				

Sample ID: LCS-325464	Client ID:	Units: ug/L	Prep Date: 11/09/2021	Run No: 469878							
SampleType: LCS	TestCode: TCL-SEMIVOLATILE ORGANICS SW8270E	BatchID: 325464	Analysis Date: 11/10/2021	Seq No: 10807210							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

2,4-Dinitrotoluene	84.46	10	100.0		84.5	58.4	129				
2-Chlorophenol	80.06	10	100.0		80.1	52.8	120				
4-Chloro-3-methylphenol	73.88	10	100.0		73.9	60.7	122				
4-Nitrophenol	30.94	25	100.0		30.9	20	120				
Acenaphthene	80.86	10	100.0		80.9	60	128				
N-Nitrosodi-n-propylamine	74.92	10	100.0		74.9	60.1	130				
Pentachlorophenol	48.68	25	100.0		48.7	47	126				
Phenol	36.43	10	100.0		36.4	21.1	120				
Pyrene	82.61	10	100.0		82.6	62.9	135				
Surr: 2,4,6-Tribromophenol	96.11	0	100.0		96.1	46	135				
Surr: 2-Fluorobiphenyl	42.89	0	50.00		85.8	45	121				
Surr: 2-Fluorophenol	57.71	0	100.0		57.7	28.2	120				
Surr: 4-Terphenyl-d14	46.10	0	50.00		92.2	44	120				
Surr: Nitrobenzene-d5	37.52	0	50.00		75.0	41	123				
Surr: Phenol-d5	37.27	0	100.0		37.3	19.5	120				

Sample ID: 2111803-027BMS	Client ID:	Units: ug/L	Prep Date: 11/09/2021	Run No: 469878							
SampleType: MS	TestCode: TCL-SEMIVOLATILE ORGANICS SW8270E	BatchID: 325464	Analysis Date: 11/10/2021	Seq No: 10807212							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

2,4-Dinitrotoluene	58.70	10	100.0		58.7	45.1	120				
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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: United Consulting Group Inc.
 Project Name: Atlanta Beltline NE Trail
 Workorder: 2111952

ANALYTICAL QC SUMMARY REPORT

BatchID: 325464

Sample ID: 2111803-027BMS	Client ID:	Units: ug/L	Prep Date: 11/09/2021	Run No: 469878							
SampleType: MS	TestCode: TCL-SEMIVOLATILE ORGANICS SW8270E	BatchID: 325464	Analysis Date: 11/10/2021	Seq No: 10807212							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

2-Chlorophenol	44.68	10	100.0		44.7	41.7	120				
4-Chloro-3-methylphenol	49.87	10	100.0		49.9	40	120				
4-Nitrophenol	BRL	25	100.0		21.7	23	120				S
Acenaphthene	55.93	10	100.0		55.9	44.4	118				
N-Nitrosodi-n-propylamine	47.67	10	100.0		47.7	51	120				S
Pentachlorophenol	33.72	25	100.0		33.7	41.1	125				S
Phenol	21.46	10	100.0		21.5	22.1	120				S
Pyrene	58.79	10	100.0		58.8	50.4	118				
Surr: 2,4,6-Tribromophenol	68.98	0	100.0		69.0	46	135				
Surr: 2-Fluorobiphenyl	28.02	0	50.00		56.0	45	121				
Surr: 2-Fluorophenol	29.04	0	100.0		29.0	28.2	120				
Surr: 4-Terphenyl-d14	33.34	0	50.00		66.7	44	120				
Surr: Nitrobenzene-d5	22.71	0	50.00		45.4	41	123				
Surr: Phenol-d5	20.03	0	100.0		20.0	19.5	120				

Sample ID: 2111803-027BMSD	Client ID:	Units: ug/L	Prep Date: 11/09/2021	Run No: 469878							
SampleType: MSD	TestCode: TCL-SEMIVOLATILE ORGANICS SW8270E	BatchID: 325464	Analysis Date: 11/10/2021	Seq No: 10807213							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

2,4-Dinitrotoluene	81.98	10	100.0		82.0	45.1	120	58.70	33.1	29.5	R
2-Chlorophenol	73.52	10	100.0		73.5	41.7	120	44.68	48.8	33.8	R
4-Chloro-3-methylphenol	71.59	10	100.0		71.6	40	120	49.87	35.8	35	R
4-Nitrophenol	28.19	25	100.0		28.2	23	120	21.66	26.2	54.9	
Acenaphthene	78.22	10	100.0		78.2	44.4	118	55.93	33.2	27.9	R
N-Nitrosodi-n-propylamine	68.95	10	100.0		69.0	51	120	47.67	36.5	29.5	R
Pentachlorophenol	39.93	25	100.0		39.9	41.1	125	33.72	16.9	39.4	S
Phenol	35.37	10	100.0		35.4	22.1	120	21.46	49.0	48.2	R
Pyrene	80.62	10	100.0		80.6	50.4	118	58.79	31.3	27.2	R

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: United Consulting Group Inc.
 Project Name: Atlanta Beltline NE Trail
 Workorder: 2111952

ANALYTICAL QC SUMMARY REPORT

BatchID: 325464

Sample ID: 2111803-027BMSD	Client ID:	Units: ug/L	Prep Date: 11/09/2021	Run No: 469878							
SampleType: MSD	TestCode: TCL-SEMIVOLATILE ORGANICS SW8270E	BatchID: 325464	Analysis Date: 11/10/2021	Seq No: 10807213							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Surr: 2,4,6-Tribromophenol	89.69	0	100.0		89.7	46	135	68.98	0	0	
Surr: 2-Fluorobiphenyl	39.83	0	50.00		79.7	45	121	28.02	0	0	
Surr: 2-Fluorophenol	52.43	0	100.0		52.4	28.2	120	29.04	0	0	
Surr: 4-Terphenyl-d14	44.13	0	50.00		88.3	44	120	33.34	0	0	
Surr: Nitrobenzene-d5	33.94	0	50.00		67.9	41	123	22.71	0	0	
Surr: Phenol-d5	34.37	0	100.0		34.4	19.5	120	20.03	0	0	

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

Client: United Consulting Group Inc.
 Project Name: Atlanta Beltline NE Trail
 Workorder: 2111952

ANALYTICAL QC SUMMARY REPORT

BatchID: 325530

Sample ID: MB-325530	Client ID:	Units: mg/L	Prep Date: 11/11/2021	Run No: 470009							
SampleType: MBLK	TestCode: METALS, TOTAL SW6010D	BatchID: 325530	Analysis Date: 11/11/2021	Seq No: 10811353							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic	BRL	0.0100									
Barium	BRL	0.0200									
Cadmium	BRL	0.0050									
Chromium	BRL	0.0100									
Lead	BRL	0.0100									
Selenium	BRL	0.0200									
Silver	BRL	0.0100									

Sample ID: LCS-325530	Client ID:	Units: mg/L	Prep Date: 11/11/2021	Run No: 470009							
SampleType: LCS	TestCode: METALS, TOTAL SW6010D	BatchID: 325530	Analysis Date: 11/11/2021	Seq No: 10811354							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic	0.9937	0.0500	1.000		99.4	80	120				
Barium	1.016	0.0200	1.000		102	80	120				
Cadmium	1.006	0.0050	1.000		101	80	120				
Chromium	0.9957	0.0100	1.000	0.004080	99.2	80	120				
Lead	1.008	0.0100	1.000		101	80	120				
Selenium	1.001	0.0200	1.000		100	80	120				
Silver	0.1016	0.0100	0.1000		102	80	120				

Sample ID: 2111427-001BMS	Client ID:	Units: mg/L	Prep Date: 11/11/2021	Run No: 470009							
SampleType: MS	TestCode: METALS, TOTAL SW6010D	BatchID: 325530	Analysis Date: 11/11/2021	Seq No: 10811358							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic	0.9827	0.0500	1.000		98.3	75	125				
Barium	1.050	0.0200	1.000	0.04168	101	75	125				
Cadmium	0.9950	0.0050	1.000		99.5	75	125				
Chromium	0.9866	0.0100	1.000		98.7	75	125				

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: United Consulting Group Inc.
 Project Name: Atlanta Beltline NE Trail
 Workorder: 2111952

ANALYTICAL QC SUMMARY REPORT

BatchID: 325530

Sample ID: 2111427-001BMS	Client ID:	Units: mg/L	Prep Date: 11/11/2021	Run No: 470009							
SampleType: MS	TestCode: METALS, TOTAL SW6010D	BatchID: 325530	Analysis Date: 11/11/2021	Seq No: 10811358							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Lead	0.9948	0.0100	1.000		99.5	75	125				
Selenium	0.9862	0.0200	1.000		98.6	75	125				
Silver	0.1009	0.0100	0.1000		101	75	125				

Sample ID: 2111427-001BMSD	Client ID:	Units: mg/L	Prep Date: 11/11/2021	Run No: 470009							
SampleType: MSD	TestCode: METALS, TOTAL SW6010D	BatchID: 325530	Analysis Date: 11/11/2021	Seq No: 10811359							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic	1.006	0.0500	1.000		101	75	125	0.9827	2.31	20	
Barium	1.067	0.0200	1.000	0.04168	102	75	125	1.050	1.58	20	
Cadmium	1.011	0.0050	1.000		101	75	125	0.9950	1.64	20	
Chromium	1.004	0.0100	1.000		100	75	125	0.9866	1.74	20	
Lead	1.007	0.0100	1.000		101	75	125	0.9948	1.25	20	
Selenium	1.005	0.0200	1.000		100	75	125	0.9862	1.85	20	
Silver	0.1026	0.0100	0.1000		103	75	125	0.1009	1.73	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: United Consulting Group Inc.
 Project Name: Atlanta Beltline NE Trail
 Workorder: 2111952

ANALYTICAL QC SUMMARY REPORT

BatchID: 325563

Sample ID: MB-325563	Client ID:	Units: ug/Kg	Prep Date: 11/10/2021	Run No: 469897							
SampleType: MBLK	TestCode: TCL-SEMIVOLATILE ORGANICS SW8270E	BatchID: 325563	Analysis Date: 11/10/2021	Seq No: 10809097							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

2,4,6-Trichlorophenol	BRL	330									
2,4-Dichlorophenol	BRL	330									
2,4-Dimethylphenol	BRL	330									
2,4-Dinitrophenol	BRL	1700									
2,4-Dinitrotoluene	BRL	330									
2,6-Dinitrotoluene	BRL	330									
2-Chloronaphthalene	BRL	330									
2-Chlorophenol	BRL	330									
2-Nitrophenol	BRL	330									
3,3'-Dichlorobenzidine	BRL	670									
4,6-Dinitro-2-methylphenol	BRL	1700									
4-Bromophenyl phenyl ether	BRL	330									
4-Chloro-3-methylphenol	BRL	330									
4-Chlorophenyl phenyl ether	BRL	330									
4-Nitrophenol	BRL	1700									
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									
Bis(2-chloroethoxy)methane	BRL	330									
Bis(2-chloroethyl)ether	BRL	330									
Bis(2-chloroisopropyl)ether	BRL	330									
Bis(2-ethylhexyl)phthalate	BRL	330									

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: United Consulting Group Inc.
 Project Name: Atlanta Beltline NE Trail
 Workorder: 2111952

ANALYTICAL QC SUMMARY REPORT

BatchID: 325563

Sample ID: MB-325563	Client ID:	Units: ug/Kg	Prep Date: 11/10/2021	Run No: 469897							
SampleType: MBLK	TestCode: TCL-SEMIVOLATILE ORGANICS SW8270E	BatchID: 325563	Analysis Date: 11/10/2021	Seq No: 10809097							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Butyl benzyl phthalate	BRL	330									
Chrysene	BRL	330									
Di-n-butyl phthalate	BRL	330									
Di-n-octyl phthalate	BRL	330									
Dibenz(a,h)anthracene	BRL	330									
Diethyl phthalate	BRL	330									
Dimethyl phthalate	BRL	330									
Fluoranthene	BRL	330									
Fluorene	BRL	330									
Hexachlorobenzene	BRL	330									
Hexachlorobutadiene	BRL	330									
Hexachlorocyclopentadiene	BRL	660									
Hexachloroethane	BRL	330									
Indeno(1,2,3-cd)pyrene	BRL	330									
Isophorone	BRL	330									
N-Nitrosodi-n-propylamine	BRL	330									
N-Nitrosodiphenylamine	BRL	330									
Naphthalene	BRL	330									
Nitrobenzene	BRL	330									
Pentachlorophenol	BRL	1700									
Phenanthrene	BRL	330									
Phenol	BRL	330									
Pyrene	BRL	330									
Surr: 2,4,6-Tribromophenol	3005	0	3333		90.2	44.9	127				
Surr: 2-Fluorobiphenyl	1189	0	1667		71.4	50.1	120				
Surr: 2-Fluorophenol	2357	0	3333		70.7	40.8	120				
Surr: 4-Terphenyl-d14	1216	0	1667		73.0	50.9	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: United Consulting Group Inc.
 Project Name: Atlanta Beltline NE Trail
 Workorder: 2111952

ANALYTICAL QC SUMMARY REPORT

BatchID: 325563

Sample ID: MB-325563	Client ID:	Units: ug/Kg	Prep Date: 11/10/2021	Run No: 469897							
SampleType: MBLK	TestCode: TCL-SEMIVOLATILE ORGANICS SW8270E	BatchID: 325563	Analysis Date: 11/10/2021	Seq No: 10809097							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Surr: Nitrobenzene-d5	1204	0	1667		72.2	41	120				
Surr: Phenol-d5	2335	0	3333		70.0	45.3	120				

Sample ID: LCS-325563	Client ID:	Units: ug/Kg	Prep Date: 11/10/2021	Run No: 469897							
SampleType: LCS	TestCode: TCL-SEMIVOLATILE ORGANICS SW8270E	BatchID: 325563	Analysis Date: 11/10/2021	Seq No: 10809100							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

2,4-Dinitrotoluene	2401	330	3333		72.0	51.7	120				
2-Chlorophenol	2268	330	3333		68.0	57.7	120				
4-Chloro-3-methylphenol	2442	330	3333		73.3	57.9	120				
4-Nitrophenol	1827	1700	3333		54.8	47.4	120				
Acenaphthene	2268	330	3333		68.0	55.8	120				
N-Nitrosodi-n-propylamine	2344	330	3333		70.3	58.1	120				
Pentachlorophenol	1791	1700	3333		53.7	40.9	118				
Phenol	2078	330	3333		62.3	50.4	120				
Pyrene	2138	330	3333		64.1	60.3	120				
Surr: 2,4,6-Tribromophenol	2997	0	3333		89.9	44.9	127				
Surr: 2-Fluorobiphenyl	1181	0	1667		70.8	50.1	120				
Surr: 2-Fluorophenol	2332	0	3333		70.0	40.8	120				
Surr: 4-Terphenyl-d14	1249	0	1667		75.0	50.9	120				
Surr: Nitrobenzene-d5	1234	0	1667		74.0	41	120				
Surr: Phenol-d5	2203	0	3333		66.1	45.3	120				

Sample ID: 2111952-001BMS	Client ID: UCSB-2 (0-1)	Units: ug/Kg-dry	Prep Date: 11/10/2021	Run No: 469897							
SampleType: MS	TestCode: TCL-SEMIVOLATILE ORGANICS SW8270E	BatchID: 325563	Analysis Date: 11/10/2021	Seq No: 10809108							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

2,4-Dinitrotoluene	2936	390	3955		74.2	40.3	120				
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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: United Consulting Group Inc.
 Project Name: Atlanta Beltline NE Trail
 Workorder: 2111952

ANALYTICAL QC SUMMARY REPORT

BatchID: 325563

Sample ID: 2111952-001BMS	Client ID: UCSB-2 (0-1)	Units: ug/Kg-dry	Prep Date: 11/10/2021	Run No: 469897
SampleType: MS	TestCode: TCL-SEMIVOLATILE ORGANICS SW8270E	BatchID: 325563	Analysis Date: 11/10/2021	Seq No: 10809108

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
2-Chlorophenol	2681	390	3955		67.8	40.5	120				
4-Chloro-3-methylphenol	2959	390	3955		74.8	45.3	120				
4-Nitrophenol	2349	2000	3955		59.4	30.6	120				
Acenaphthene	2778	390	3955		70.2	45.2	120				
N-Nitrosodi-n-propylamine	2898	390	3955		73.3	45.9	120				
Pentachlorophenol	2306	2000	3955		58.3	42.3	120				
Phenol	2486	390	3955		62.8	41.3	120				
Pyrene	2547	390	3955		64.4	45	120				
Surr: 2,4,6-Tribromophenol	3449	0	3955		87.2	44.9	127				
Surr: 2-Fluorobiphenyl	1358	0	1978		68.7	50.1	120				
Surr: 2-Fluorophenol	2519	0	3955		63.7	40.8	120				
Surr: 4-Terphenyl-d14	1386	0	1978		70.1	50.9	120				
Surr: Nitrobenzene-d5	1381	0	1978		69.8	41	120				
Surr: Phenol-d5	2456	0	3955		62.1	45.3	120				

Sample ID: 2111952-001BMSD	Client ID: UCSB-2 (0-1)	Units: ug/Kg-dry	Prep Date: 11/10/2021	Run No: 469897
SampleType: MSD	TestCode: TCL-SEMIVOLATILE ORGANICS SW8270E	BatchID: 325563	Analysis Date: 11/10/2021	Seq No: 10809109

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
2,4-Dinitrotoluene	2951	390	3955		74.6	40.3	120	2936	0.537	30.4	
2-Chlorophenol	2743	390	3955		69.3	40.5	120	2681	2.26	26.9	
4-Chloro-3-methylphenol	2935	390	3955		74.2	45.3	120	2959	0.792	27.1	
4-Nitrophenol	2425	2000	3955		61.3	30.6	120	2349	3.15	39.2	
Acenaphthene	2761	390	3955		69.8	45.2	120	2778	0.600	25.2	
N-Nitrosodi-n-propylamine	2838	390	3955		71.7	45.9	120	2898	2.11	26.6	
Pentachlorophenol	2292	2000	3955		57.9	42.3	120	2306	0.637	32.4	
Phenol	2472	390	3955		62.5	41.3	120	2486	0.559	27.2	
Pyrene	2586	390	3955		65.4	45	120	2547	1.53	29.8	

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: United Consulting Group Inc.
 Project Name: Atlanta Beltline NE Trail
 Workorder: 2111952

ANALYTICAL QC SUMMARY REPORT

BatchID: 325563

Sample ID: 2111952-001BMSD	Client ID: UCSB-2 (0-1)	Units: ug/Kg-dry	Prep Date: 11/10/2021	Run No: 469897							
SampleType: MSD	TestCode: TCL-SEMIVOLATILE ORGANICS SW8270E	BatchID: 325563	Analysis Date: 11/10/2021	Seq No: 10809109							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Surr: 2,4,6-Tribromophenol	3620	0	3955		91.5	44.9	127	3449	0	0	
Surr: 2-Fluorobiphenyl	1475	0	1978		74.6	50.1	120	1358	0	0	
Surr: 2-Fluorophenol	2824	0	3955		71.4	40.8	120	2519	0	0	
Surr: 4-Terphenyl-d14	1535	0	1978		77.6	50.9	120	1386	0	0	
Surr: Nitrobenzene-d5	1505	0	1978		76.1	41	120	1381	0	0	
Surr: Phenol-d5	2619	0	3955		66.2	45.3	120	2456	0	0	

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

Client: United Consulting Group Inc.
 Project Name: Atlanta Beltline NE Trail
 Workorder: 2111952

ANALYTICAL QC SUMMARY REPORT

BatchID: 325611

Sample ID: MB-325611	Client ID:	Units: mg/L	Prep Date: 11/10/2021	Run No: 470320							
SampleType: MBLK	TestCode: METALS, DISSOLVED SW6010D	BatchID: 325611	Analysis Date: 11/15/2021	Seq No: 10823731							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic	BRL	0.0100									
Barium	BRL	0.0200									
Cadmium	BRL	0.0050									
Chromium	BRL	0.0100									
Lead	BRL	0.0100									
Selenium	BRL	0.0200									
Silver	BRL	0.0100									

Sample ID: LCS-325611	Client ID:	Units: mg/L	Prep Date: 11/10/2021	Run No: 470320							
SampleType: LCS	TestCode: METALS, DISSOLVED SW6010D	BatchID: 325611	Analysis Date: 11/15/2021	Seq No: 10823732							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic	1.036	0.0500	1.000		104	80	120				
Barium	0.9840	0.0200	1.000		98.4	80	120				
Cadmium	0.9910	0.0050	1.000		99.1	80	120				
Chromium	0.9563	0.0100	1.000		95.6	80	120				
Lead	0.9703	0.0100	1.000		97.0	80	120				
Selenium	1.068	0.0200	1.000		107	80	120				
Silver	0.09758	0.0100	0.1000		97.6	80	120				

Sample ID: 2111952-006BMS	Client ID: UCMW-1	Units: mg/L	Prep Date: 11/10/2021	Run No: 470320							
SampleType: MS	TestCode: METALS, DISSOLVED SW6010D	BatchID: 325611	Analysis Date: 11/15/2021	Seq No: 10823736							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic	1.045	0.0500	1.000		104	75	125				
Barium	1.045	0.0200	1.000	0.1005	94.5	75	125				
Cadmium	0.9793	0.0050	1.000		97.9	75	125				
Chromium	0.9334	0.0100	1.000		93.3	75	125				

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: United Consulting Group Inc.
 Project Name: Atlanta Beltline NE Trail
 Workorder: 2111952

ANALYTICAL QC SUMMARY REPORT

BatchID: 325611

Sample ID: 2111952-006BMS	Client ID: UCMW-1	Units: mg/L	Prep Date: 11/10/2021	Run No: 470320							
SampleType: MS	TestCode: METALS, DISSOLVED SW6010D	BatchID: 325611	Analysis Date: 11/15/2021	Seq No: 10823736							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Lead	0.9404	0.0100	1.000		94.0	75	125				
Selenium	1.130	0.0200	1.000	0.01643	111	75	125				
Silver	0.09722	0.0100	0.1000		97.2	75	125				

Sample ID: 2111952-006BMSD	Client ID: UCMW-1	Units: mg/L	Prep Date: 11/10/2021	Run No: 470320							
SampleType: MSD	TestCode: METALS, DISSOLVED SW6010D	BatchID: 325611	Analysis Date: 11/15/2021	Seq No: 10823738							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic	1.052	0.0500	1.000		105	75	125	1.045	0.718	20	
Barium	1.050	0.0200	1.000	0.1005	95.0	75	125	1.045	0.496	20	
Cadmium	0.9849	0.0050	1.000		98.5	75	125	0.9793	0.564	20	
Chromium	0.9377	0.0100	1.000		93.8	75	125	0.9334	0.460	20	
Lead	0.9449	0.0100	1.000		94.5	75	125	0.9404	0.486	20	
Selenium	1.149	0.0200	1.000	0.01643	113	75	125	1.130	1.69	20	
Silver	0.09755	0.0100	0.1000		97.6	75	125	0.09722	0.339	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: United Consulting Group Inc.
 Project Name: Atlanta Beltline NE Trail
 Workorder: 2111952

ANALYTICAL QC SUMMARY REPORT

BatchID: 325629

Sample ID: MB-325629	Client ID:	Units: mg/Kg	Prep Date: 11/11/2021	Run No: 470120							
SampleType: MBLK	TestCode: METALS, TOTAL SW6010D	BatchID: 325629	Analysis Date: 11/12/2021	Seq No: 10817827							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic	BRL	2.50									
Barium	BRL	5.00									
Cadmium	BRL	2.00									
Chromium	BRL	2.50									
Lead	BRL	5.00									
Selenium	BRL	2.00									
Silver	BRL	2.00									

Sample ID: LCS-325629	Client ID:	Units: mg/Kg	Prep Date: 11/11/2021	Run No: 470120							
SampleType: LCS	TestCode: METALS, TOTAL SW6010D	BatchID: 325629	Analysis Date: 11/12/2021	Seq No: 10817828							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic	45.39	2.50	50.00		90.8	80	120				
Barium	49.46	5.00	50.00		98.9	80	120				
Cadmium	48.26	2.50	50.00		96.5	80	120				
Chromium	49.59	2.50	50.00		99.2	80	120				
Lead	48.11	5.00	50.00		96.2	80	120				
Selenium	42.60	3.50	50.00		85.2	80	120				
Silver	4.793	2.50	5.000		95.9	80	120				

Sample ID: 2111946-003BMS	Client ID:	Units: mg/Kg-dry	Prep Date: 11/11/2021	Run No: 470120							
SampleType: MS	TestCode: METALS, TOTAL SW6010D	BatchID: 325629	Analysis Date: 11/12/2021	Seq No: 10817830							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic	47.23	3.03	60.62		77.9	75	125				
Barium	160.3	6.06	60.62	108.4	85.6	75	125				
Cadmium	54.19	3.03	60.62	0.1456	89.2	75	125				
Chromium	103.7	3.03	60.62	54.50	81.2	75	125				

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: United Consulting Group Inc.
 Project Name: Atlanta Beltline NE Trail
 Workorder: 2111952

ANALYTICAL QC SUMMARY REPORT

BatchID: 325629

Sample ID: 2111946-003BMS	Client ID:	Units: mg/Kg-dry	Prep Date: 11/11/2021	Run No: 470120
SampleType: MS	TestCode: METALS, TOTAL SW6010D	BatchID: 325629	Analysis Date: 11/12/2021	Seq No: 10817830

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Lead	77.87	6.06	60.62	30.84	77.6	75	125				
Selenium	39.66	4.24	60.62		65.4	75	125				S
Silver	5.261	3.03	6.062	0.04186	86.1	75	125				

Sample ID: 2111946-003BMSD	Client ID:	Units: mg/Kg-dry	Prep Date: 11/11/2021	Run No: 470120
SampleType: MSD	TestCode: METALS, TOTAL SW6010D	BatchID: 325629	Analysis Date: 11/12/2021	Seq No: 10817831

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	48.26	3.04	60.84		79.3	75	125	47.23	2.15	20	
Barium	163.3	6.08	60.84	108.4	90.3	75	125	160.3	1.86	20	
Cadmium	56.42	3.04	60.84	0.1456	92.5	75	125	54.19	4.02	20	
Chromium	97.38	3.04	60.84	54.50	70.5	75	125	103.7	6.31	20	S
Lead	78.45	6.08	60.84	30.84	78.2	75	125	77.87	0.735	20	
Selenium	41.26	4.26	60.84		67.8	75	125	39.66	3.96	20	S
Silver	5.458	3.04	6.084	0.04186	89.0	75	125	5.261	3.67	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: United Consulting Group Inc.
 Project Name: Atlanta Beltline NE Trail
 Workorder: 2111952

ANALYTICAL QC SUMMARY REPORT

BatchID: 325750

Sample ID: MB-325750	Client ID:	Units: mg/Kg	Prep Date: 11/12/2021	Run No: 470137							
SampleType: MBLK	TestCode: Total Mercury by SW7473	BatchID: 325750	Analysis Date: 11/12/2021	Seq No: 10816277							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	BRL	0.100									

Sample ID: LCS-325750	Client ID:	Units: mg/Kg	Prep Date: 11/12/2021	Run No: 470137							
SampleType: LCS	TestCode: Total Mercury by SW7473	BatchID: 325750	Analysis Date: 11/12/2021	Seq No: 10816278							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	0.9686	0.100	1.000		96.9	80	120				

Sample ID: 2111952-001CMS	Client ID: UCSB-2 (0-1)	Units: mg/Kg-dry	Prep Date: 11/12/2021	Run No: 470137							
SampleType: MS	TestCode: Total Mercury by SW7473	BatchID: 325750	Analysis Date: 11/12/2021	Seq No: 10818685							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	0.8147	0.119	1.125		72.4	80	120				S

Sample ID: 2111952-001CMSD	Client ID: UCSB-2 (0-1)	Units: mg/Kg-dry	Prep Date: 11/12/2021	Run No: 470137							
SampleType: MSD	TestCode: Total Mercury by SW7473	BatchID: 325750	Analysis Date: 11/12/2021	Seq No: 10818686							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Mercury	0.6902	0.119	1.127		61.3	80	120	0.8147	16.5	20	S

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

Client: United Consulting Group Inc.
 Project Name: Atlanta Beltline NE Trail
 Workorder: 2111952

ANALYTICAL QC SUMMARY REPORT

BatchID: 325844

Sample ID: MB-325844	Client ID:	Units: ug/L	Prep Date: 11/12/2021	Run No: 470208
SampleType: MBLK	TestCode: Volatile Organic Compounds by GC/MS SW8260D	BatchID: 325844	Analysis Date: 11/12/2021	Seq No: 10818828

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-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									
Acrolein	BRL	20									
Acrylonitrile	BRL	5.0									
Benzene	BRL	5.0									
Bromodichloromethane	BRL	5.0									
Bromoform	BRL	5.0									
Bromomethane	BRL	5.0									
Carbon tetrachloride	BRL	5.0									
Chlorobenzene	BRL	5.0									
Chloroethane	BRL	10									
Chloroform	BRL	5.0									
Chloromethane	BRL	10									
cis-1,3-Dichloropropene	BRL	5.0									
Dibromochloromethane	BRL	5.0									
Ethylbenzene	BRL	5.0									
Methylene chloride	BRL	5.0									

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

Client: United Consulting Group Inc.
 Project Name: Atlanta Beltline NE Trail
 Workorder: 2111952

ANALYTICAL QC SUMMARY REPORT

BatchID: 325844

Sample ID: MB-325844	Client ID:	Units: ug/L	Prep Date: 11/12/2021	Run No: 470208							
SampleType: MBLK	TestCode: Volatile Organic Compounds by GC/MS SW8260D	BatchID: 325844	Analysis Date: 11/12/2021	Seq No: 10818828							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

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									
Vinyl chloride	BRL	2.0									
Xylenes, Total	BRL	5.0									
Surr: 4-Bromofluorobenzene	49.67	0	50.00		99.3	74.9	127				
Surr: Dibromofluoromethane	48.03	0	50.00		96.1	78.9	121				
Surr: Toluene-d8	49.35	0	50.00		98.7	81.5	120				

Sample ID: LCS-325844	Client ID:	Units: ug/L	Prep Date: 11/12/2021	Run No: 470208							
SampleType: LCS	TestCode: Volatile Organic Compounds by GC/MS SW8260D	BatchID: 325844	Analysis Date: 11/12/2021	Seq No: 10818829							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	20.66	5.0	20.00		103	67.3	134				
Benzene	20.50	5.0	20.00		102	78.6	124				
Chlorobenzene	20.55	5.0	20.00		103	78.9	127				
Toluene	20.41	5.0	20.00		102	77.7	125				
Trichloroethene	21.12	5.0	20.00		106	77	130				
Surr: 4-Bromofluorobenzene	50.35	0	50.00		101	74.9	127				
Surr: Dibromofluoromethane	49.39	0	50.00		98.8	78.9	121				
Surr: Toluene-d8	49.26	0	50.00		98.5	81.5	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: United Consulting Group Inc.
 Project Name: Atlanta Beltline NE Trail
 Workorder: 2111952

ANALYTICAL QC SUMMARY REPORT

BatchID: 325844

Sample ID: 2111E01-001AMS	Client ID:	Units: ug/L	Prep Date: 11/12/2021	Run No: 470208							
SampleType: MS	TestCode: Volatile Organic Compounds by GC/MS SW8260D	BatchID: 325844	Analysis Date: 11/16/2021	Seq No: 10823547							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	22.31	5.0	20.00		112	67.6	143				
Benzene	22.54	5.0	20.00		113	70.5	136				
Chlorobenzene	21.94	5.0	20.00		110	77.1	133				
Toluene	22.72	5.0	20.00		114	66.4	140				
Trichloroethene	23.59	5.0	20.00		118	75.1	140				
Surr: 4-Bromofluorobenzene	49.99	0	50.00		100.0	74.9	127				
Surr: Dibromofluoromethane	49.01	0	50.00		98.0	78.9	121				
Surr: Toluene-d8	49.48	0	50.00		99.0	81.5	120				

Sample ID: 2111E01-001AMSD	Client ID:	Units: ug/L	Prep Date: 11/12/2021	Run No: 470208							
SampleType: MSD	TestCode: Volatile Organic Compounds by GC/MS SW8260D	BatchID: 325844	Analysis Date: 11/16/2021	Seq No: 10823548							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	19.13	5.0	20.00		95.6	67.6	143	22.31	15.3	19.6	
Benzene	20.23	5.0	20.00		101	70.5	136	22.54	10.8	20	
Chlorobenzene	19.89	5.0	20.00		99.4	77.1	133	21.94	9.80	20	
Toluene	20.43	5.0	20.00		102	66.4	140	22.72	10.6	20	
Trichloroethene	21.16	5.0	20.00		106	75.1	140	23.59	10.9	20	
Surr: 4-Bromofluorobenzene	50.17	0	50.00		100	74.9	127	49.99	0	0	
Surr: Dibromofluoromethane	48.90	0	50.00		97.8	78.9	121	49.01	0	0	
Surr: Toluene-d8	49.86	0	50.00		99.7	81.5	120	49.48	0	0	

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

Client: United Consulting Group Inc.
 Project Name: Atlanta Beltline NE Trail
 Workorder: 2111952

ANALYTICAL QC SUMMARY REPORT

BatchID: 325864

Sample ID: MB-325864	Client ID:	Units: mg/L	Prep Date: 11/15/2021	Run No: 470271							
SampleType: MBLK	TestCode: Mercury, Dissolved SW7470A	BatchID: 325864	Analysis Date: 11/15/2021	Seq No: 10821819							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Mercury BRL 0.00020

Sample ID: LCS-325864	Client ID:	Units: mg/L	Prep Date: 11/15/2021	Run No: 470271							
SampleType: LCS	TestCode: Mercury, Dissolved SW7470A	BatchID: 325864	Analysis Date: 11/15/2021	Seq No: 10821820							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Mercury 0.003758 0.00020 0.0040 94.0 80 120

Sample ID: 2111952-006BMS	Client ID: UCMW-1	Units: mg/L	Prep Date: 11/15/2021	Run No: 470271							
SampleType: MS	TestCode: Mercury, Dissolved SW7470A	BatchID: 325864	Analysis Date: 11/15/2021	Seq No: 10821822							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Mercury 0.003851 0.00020 0.0040 96.3 75 125

Sample ID: 2111952-006BMSD	Client ID: UCMW-1	Units: mg/L	Prep Date: 11/15/2021	Run No: 470271							
SampleType: MSD	TestCode: Mercury, Dissolved SW7470A	BatchID: 325864	Analysis Date: 11/15/2021	Seq No: 10821823							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Mercury 0.003854 0.00020 0.0040 96.4 7 125 0.003851 0.078 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: United Consulting Group Inc.
 Project Name: Atlanta Beltline NE Trail
 Workorder: 2111952

ANALYTICAL QC SUMMARY REPORT

BatchID: 325912

Sample ID: MB-325912	Client ID:	Units: ug/Kg	Prep Date: 11/15/2021	Run No: 470278							
SampleType: MBLK	TestCode: Volatile Organic Compounds by GC/MS SW8260D	BatchID: 325912	Analysis Date: 11/15/2021	Seq No: 10820892							
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
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-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									
Acrolein	BRL	50									
Acrylonitrile	BRL	50									
Benzene	BRL	5.0									
Bromodichloromethane	BRL	5.0									
Bromoform	BRL	5.0									
Bromomethane	BRL	5.0									
Carbon tetrachloride	BRL	5.0									
Chlorobenzene	BRL	5.0									
Chloroethane	BRL	10									
Chloroform	BRL	5.0									
Chloromethane	BRL	10									
cis-1,3-Dichloropropene	BRL	5.0									
Dibromochloromethane	BRL	5.0									
Ethylbenzene	BRL	5.0									
Methylene chloride	BRL	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: United Consulting Group Inc.
 Project Name: Atlanta Beltline NE Trail
 Workorder: 2111952

ANALYTICAL QC SUMMARY REPORT

BatchID: 325912

Sample ID: MB-325912	Client ID:	Units: ug/Kg	Prep Date: 11/15/2021	Run No: 470278
SampleType: MBLK	TestCode: Volatile Organic Compounds by GC/MS SW8260D	BatchID: 325912	Analysis Date: 11/15/2021	Seq No: 10820892

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
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									
Vinyl chloride	BRL	10									
Xylenes, Total	BRL	5.0									
Surr: 4-Bromofluorobenzene	41.29	0	50.00		82.6	65	124				
Surr: Dibromofluoromethane	51.16	0	50.00		102	74.8	123				
Surr: Toluene-d8	47.55	0	50.00		95.1	69.2	128				

Sample ID: LCS-325912	Client ID:	Units: ug/Kg	Prep Date: 11/15/2021	Run No: 470278
SampleType: LCS	TestCode: Volatile Organic Compounds by GC/MS SW8260D	BatchID: 325912	Analysis Date: 11/15/2021	Seq No: 10820893

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
1,1-Dichloroethene	48.09	5.0	50.00		96.2	64	137				
Benzene	48.30	5.0	50.00		96.6	70	130				
Chlorobenzene	48.70	5.0	50.00		97.4	70	130				
Toluene	47.38	5.0	50.00		94.8	70	130				
Trichloroethene	48.64	5.0	50.00		97.3	75.4	129				
Surr: 4-Bromofluorobenzene	52.84	0	50.00		106	65	124				
Surr: Dibromofluoromethane	50.93	0	50.00		102	74.8	123				
Surr: Toluene-d8	50.04	0	50.00		100	69.2	128				

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: United Consulting Group Inc.
 Project Name: Atlanta Beltline NE Trail
 Workorder: 2111952

ANALYTICAL QC SUMMARY REPORT

BatchID: 325912

Sample ID: 2111952-001AMS	Client ID: UCSB-2 (0-1)	Units: ug/Kg-dry	Prep Date: 11/15/2021	Run No: 470278							
SampleType: MS	TestCode: Volatile Organic Compounds by GC/MS SW8260D	BatchID: 325912	Analysis Date: 11/15/2021	Seq No: 10822686							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

1,1-Dichloroethene	65.41	6.7	67.12		97.5	60	138				
Benzene	62.05	6.7	67.12		92.5	63.5	137				
Chlorobenzene	61.67	6.7	67.12		91.9	64.7	133				
Toluene	61.28	6.7	67.12		91.3	61.8	137				
Trichloroethene	61.54	6.7	67.12		91.7	62.1	138				
Surr: 4-Bromofluorobenzene	69.84	0	67.12		104	65	124				
Surr: Dibromofluoromethane	69.13	0	67.12		103	74.8	123				
Surr: Toluene-d8	66.63	0	67.12		99.3	69.2	128				

Sample ID: 2111952-002ADUP	Client ID: UCMW-2 (0-1)	Units: ug/Kg-dry	Prep Date: 11/15/2021	Run No: 470278							
SampleType: DUP	TestCode: Volatile Organic Compounds by GC/MS SW8260D	BatchID: 325912	Analysis Date: 11/15/2021	Seq No: 10822688							
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	5.5						0	0	20	
1,1,2,2-Tetrachloroethane	BRL	5.5						0	0	20	
1,1,2-Trichloroethane	BRL	5.5						0	0	20	
1,1-Dichloroethane	BRL	5.5						0	0	20	
1,1-Dichloroethene	BRL	5.5						0	0	20	
1,2,4-Trichlorobenzene	BRL	5.5						0	0	20	
1,2-Dichlorobenzene	BRL	5.5						0	0	20	
1,2-Dichloroethane	BRL	5.5						0	0	20	
1,2-Dichloropropane	BRL	5.5						0	0	20	
1,3-Dichlorobenzene	BRL	5.5						0	0	20	
1,4-Dichlorobenzene	BRL	5.5						0	0	20	
2-Butanone	BRL	55						0	0	20	
Acrolein	BRL	55						0	0	20	
Acrylonitrile	BRL	55						0	0	20	
Benzene	BRL	5.5						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: United Consulting Group Inc.
 Project Name: Atlanta Beltline NE Trail
 Workorder: 2111952

ANALYTICAL QC SUMMARY REPORT

BatchID: 325912

Sample ID: 2111952-002ADUP	Client ID: UCMW-2 (0-1)	Units: ug/Kg-dry	Prep Date: 11/15/2021	Run No: 470278							
SampleType: DUP	TestCode: Volatile Organic Compounds by GC/MS SW8260D	BatchID: 325912	Analysis Date: 11/15/2021	Seq No: 10822688							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Bromodichloromethane	BRL	5.5						0	0	20	
Bromoform	BRL	5.5						0	0	20	
Bromomethane	BRL	5.5						0	0	20	
Carbon tetrachloride	BRL	5.5						0	0	20	
Chlorobenzene	BRL	5.5						0	0	20	
Chloroethane	BRL	11						0	0	20	
Chloroform	BRL	5.5						0	0	20	
Chloromethane	BRL	11						0	0	20	
cis-1,3-Dichloropropene	BRL	5.5						0	0	20	
Dibromochloromethane	BRL	5.5						0	0	20	
Ethylbenzene	BRL	5.5						0	0	20	
Methylene chloride	BRL	22						0	0	20	
Styrene	BRL	5.5						0	0	20	
Tetrachloroethene	BRL	5.5						0	0	20	
Toluene	BRL	5.5						0	0	20	
trans-1,2-Dichloroethene	BRL	5.5						0	0	20	
trans-1,3-Dichloropropene	BRL	5.5						0	0	20	
Trichloroethene	BRL	5.5						0	0	20	
Vinyl chloride	BRL	11						0	0	20	
Xylenes, Total	BRL	5.5						0	0	20	
Surr: 4-Bromofluorobenzene	48.68	0	55.41		87.9	65	124	43.68	0	0	
Surr: Dibromofluoromethane	57.79	0	55.41		104	74.8	123	52.46	0	0	
Surr: Toluene-d8	52.41	0	55.41		94.6	69.2	128	46.81	0	0	

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

Client: United Consulting Group Inc.
 Project Name: Atlanta Beltline NE Trail
 Workorder: 2111952

ANALYTICAL QC SUMMARY REPORT

BatchID: 325951

Sample ID: MB-325951	Client ID:	Units: mg/L	Prep Date: 11/16/2021	Run No: 470423							
SampleType: MBLK	TestCode: Mercury, Total SW7470A	BatchID: 325951	Analysis Date: 11/16/2021	Seq No: 10825830							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Mercury BRL 0.00020

Sample ID: LCS-325951	Client ID:	Units: mg/L	Prep Date: 11/16/2021	Run No: 470423							
SampleType: LCS	TestCode: Mercury, Total SW7470A	BatchID: 325951	Analysis Date: 11/16/2021	Seq No: 10825831							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Mercury 0.003711 0.00020 0.0040 92.8 80 120

Sample ID: 2111731-018AMS	Client ID:	Units: mg/L	Prep Date: 11/16/2021	Run No: 470423							
SampleType: MS	TestCode: Mercury, Total SW7470A	BatchID: 325951	Analysis Date: 11/16/2021	Seq No: 10825834							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Mercury 0.003551 0.00020 0.0040 0.0003930 79.0 75 125

Sample ID: 2111731-020AMS	Client ID:	Units: mg/L	Prep Date: 11/16/2021	Run No: 470423							
SampleType: MS	TestCode: Mercury, Total SW7470A	BatchID: 325951	Analysis Date: 11/16/2021	Seq No: 10825839							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Mercury 0.008114 0.00020 0.0040 0.004075 101 75 125

Sample ID: 2111731-018AMSD	Client ID:	Units: mg/L	Prep Date: 11/16/2021	Run No: 470423							
SampleType: MSD	TestCode: Mercury, Total SW7470A	BatchID: 325951	Analysis Date: 11/16/2021	Seq No: 10825836							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Mercury 0.004045 0.00020 0.0040 0.0003930 91.3 75 125 0.003551 13.0 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	

End of Report

APPENDIX C

CAP Amendment #2 Approval Letter (with RRS)

Georgia Department of Natural Resources

2 Martin Luther King, Jr. Dr., SE, Suite 1154, Atlanta, Georgia 30334-9000

Mark Williams, Commissioner
Environmental Protection Division

F. Allen Barnes, Director

Land Protection Branch

Mark Smith, Branch Chief

Phone: 404/656-7802 FAX: 404/651-9425

April 14, 2011

Mr. Lee Harrop
Atlanta Beltline, Inc.
Atlanta Development Authority
86 Pryor Street
Suite 200
Atlanta, Georgia 30303

RE: Brownfields Corrective Action Plan Amendment 2 - Atlanta Beltline Properties, Atlanta, Fulton County, Georgia

Dear Mr. Harrop:

The Georgia Environmental Protection Division (EPD) has reviewed your request for a second amendment of the approved prospective purchaser corrective action plan (CAP) for the Atlanta BeltLine properties. The requested amendment (hereinafter CAP Amendment 2) appends a general remedial approach that will be used to bring soil into compliance with Type 1-5 risk reduction standards (RRS), provides a site-specific approach for addressing releases along the Eastside Trail portion of the property, and provides a procedure for making future amendments to the approved CAP.

Amendment 2 describes the active remedial measures that will be used to bring soil into compliance with the applicable Types 1-4 RRS, including the confirmatory sampling program that will be used to verify compliance. The amendment also outlines a general Type 5 approach describing the combination of remedial measures, engineering controls and institutional controls to be used should remediation to Types 1-4 be deemed impracticable. Use of the Type 5 approach must be approved by EPD on a case-by-case basis and will require approval of a site-specific design document.

A demonstration has been made that achieving compliance with Types 1-4 RRS for arsenic is impracticable. For this reason, Amendment 2 also contains a request for approval of a Type 5 standard for remediation of releases of arsenic along the Eastside Trail. The Eastside Trail Project Plan outlines the specific methods that will be used to achieve compliance with Types 3 or 4 RRS for all non-arsenic constituents and describes Type 5 measures to be applied with respect to arsenic. The plan calls for the removal of arsenic contaminated soil to the extent possible. Exposure to the residual arsenic-bearing soil will then be controlled through placement of a barrier of clean soil and a vegetative cover. Maintenance of the barrier will be ensured through the use of an environmental covenant. EPD hereby approves the use of the Type 5 remedial approach for the Eastside Trail portion of the property.

Appendix A of Amendment 2 provides the soil RRS calculations for use in remediation of the Eastside Trail. The Eastside trail RRS calculations (Section A.2) are hereby approved. A copy of the summary table containing the approved is provided as an attachment to this letter.

Amendment 2 also proposes a procedure whereby future amendments to remediation plans in the approved CAP necessitated by site-specific conditions can be accomplished by incorporating the site-specific information as additional appendices to Amendment 2. EPD approves this procedure.

EPD hereby approves Amendment 2 to the approved CAP, with the exception of Section A.3, which provides RRS calculations for the project as a whole. Section A.3 is still under review by EPD.

If you have questions, or need further assistance, please contact Shannon Ridley or Gary Davis at 404/656-7802.

Sincerely,



Madeleine Kellam
Brownfields Coordinator

Attachments

cc: Brian Leery, Atlanta Beltline, Inc.
Gerald Pouncey, Morris, Manning, and Martin
Dan Grogan, MACTEC
Dustin J. Heizer, MACTEC

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TABLE A.2-1
 Summary of Soil RRS for Detected Constituents
 CAP Amendment #2
 Atlanta Beltline - Eastside Trail

PARAMETER	Type 1 RRS mg/kg	Type 2 RRS DAF of 1 mg/kg	Type 2 RRS DAF pf 20 mg/kg	Type 3 RRS Surface mg/kg	Type 3 RRS Subsurface mg/kg	Type 4 RRS IW DAF of 1 mg/kg	Type 4 RRS IW DAF of 20 mg/kg	Type 4/5 RRS CW DAF of 1 mg/kg	Type 4/5 RRS CW DAF of 20 mg/kg	Type 4/5 RRS RecAdol DAF of 1 mg/kg	Type 4/5 RRS RecAdol DAF of 20 mg/kg	Type 4/5 RRS RecChild DAF of 1 mg/kg	Type 4/5 RRS RecChild DAF of 20 mg/kg	Type 4/5 RRS LMW DAF of 1 mg/kg
<u>Volatile Organic Compounds (VOCs)</u>														
1,1,1-Trichloroethane	2.0E+01	9.3E-01	1.9E+01	2.0E+01	2.0E+01	4.7E+00	9.3E+01	2.0E+01	3.9E+02	9.7E+00	1.9E+02	9.7E+00	1.9E+02	7.0E+01
Benzene	5.0E-01	2.6E-03	5.1E-02	5.0E-01	5.0E-01	4.5E-03	9.0E-02	1.7E-01	3.5E+00	2.1E-02	4.1E-01	2.1E-02	4.1E-01	7.5E-02
Methylene Chloride	5.0E-01	1.4E-02	2.7E-01	5.0E-01	5.0E-01	3.0E-02	6.0E-01	2.8E+00	5.6E+01	1.5E-01	2.9E+00	1.5E-01	2.9E+00	5.7E-01
Tetrachloroethene	5.0E-01	2.3E-03	4.5E-02	5.0E-01	5.0E-01	2.3E-03	4.5E-02	8.7E-01	1.7E+01	1.1E-02	2.3E-01	1.1E-02	2.3E-01	6.2E-02
Toluene	1.0E+02	6.9E-01	1.4E+01	1.0E+02	1.0E+02	3.6E+00	7.2E+01	3.1E+01	6.2E+02	1.1E+01	2.1E+02	1.1E+01	2.1E+02	1.1E+02
Trichloroethene	5.0E-01	7.4E-03	1.5E-01	5.0E-01	5.0E-01	1.3E-02	2.7E-01	2.9E+00	5.7E+01	5.9E-02	1.2E+00	5.9E-02	1.2E+00	2.1E-01
<u>SVOCs</u>														
Acenaphthene	3.0E+02	2.1E+01	4.1E+02	3.0E+02	3.0E+02	6.3E+01	1.3E+03	1.6E+03	3.1E+04	2.5E+02	5.1E+03	2.5E+02	5.1E+03	5.6E+03
Anthracene	5.0E+02	1.5E+02	3.1E+03	5.0E+02	5.0E+02	1.0E+03	2.0E+04	2.5E+04	5.9E+05	4.1E+03	8.1E+04	4.1E+03	8.1E+04	9.0E+04
Benzo(a)anthracene	5.0E+00	4.1E-01	8.3E+00	5.0E+00	5.0E+00	1.4E+00	2.8E+01	5.9E+02	5.9E+02	1.2E+01	1.8E+02	1.2E+01	1.8E+02	1.2E+02
Benzo(a)pyrene	1.6E+00	2.4E-01	1.2E+00	1.6E+00	1.6E+00	4.6E-01	7.8E+00	5.9E+01	5.9E+01	3.9E+00	1.8E+01	3.9E+00	1.8E+01	2.8E+01
Benzo(b)fluoranthene	5.0E+00	1.4E+00	1.2E+01	5.0E+00	5.0E+00	4.7E+00	7.8E+01	5.9E+02	5.9E+02	3.9E+01	1.8E+02	3.9E+01	1.8E+02	2.8E+02
Benzo(k)fluoranthene	5.0E+00	1.4E+01	1.2E+02	5.0E+00	5.0E+00	4.6E+01	7.8E+02	5.9E+03	5.9E+03	3.9E+02	1.8E+03	3.9E+02	1.8E+03	2.8E+03
Chrysene	5.0E+00	4.2E+01	8.4E+02	5.0E+00	5.0E+00	1.4E+02	2.8E+03	5.9E+04	5.9E+04	3.9E+03	1.8E+04	3.9E+03	1.8E+04	1.3E+04
Fluoranthene	5.0E+02	1.1E+02	2.2E+03	5.0E+02	5.0E+02	4.5E+02	9.1E+03	1.1E+04	2.5E+04	1.8E+03	3.7E+04	1.8E+03	3.7E+04	4.1E+04
Fluorene	3.6E+02	1.9E+01	3.7E+02	3.6E+02	3.6E+02	7.6E+01	1.5E+03	1.9E+03	2.5E+04	3.1E+02	6.1E+03	3.1E+02	6.1E+03	6.8E+03
Naphthalene	1.0E+02	6.6E-02	1.3E+00	1.0E+02	1.0E+02	6.6E-02	1.3E+00	1.2E-01	2.3E+00	6.6E-02	1.3E+00	6.6E-02	1.3E+00	1.1E-01
Phenanthrene	1.1E+02	3.7E-03	7.4E-02	1.1E+02	1.1E+02	3.7E-03	7.4E-02	3.7E-03	7.4E-02	3.7E-03	7.4E-02	3.7E-03	7.4E-02	3.7E-03
Pyrene	5.0E+02	1.1E+02	2.2E+03	5.0E+02	5.0E+02	3.3E+02	6.7E+03	8.3E+03	1.9E+04	1.3E+03	2.7E+04	1.3E+03	2.7E+04	3.0E+04
<u>Metals</u>														
Arsenic (Type 1 through 4)	2.0E+01	2.9E-01	5.8E+00	3.8E+01	4.1E+01	2.9E-01	5.8E+00	2.2E+01	1.9E+02	4.7E-01	9.4E+00	4.7E-01	9.4E+00	5.0E+00
Arsenic (Type 5)								1.9E+02	1.9E+02	8.6E+01	8.6E+01	6.3E+01	6.3E+01	1.4E+02
Barium	1.0E+03	1.3E+02	2.6E+03	1.0E+03	1.0E+03	8.4E+02	1.7E+04	2.1E+04	1.2E+05	3.4E+03	6.8E+04	3.4E+03	6.8E+04	7.5E+04
Cadmium (Diet)	2.0E+00	5.9E-01	1.2E+01	3.9E+01	3.9E+01	3.8E+00	7.7E+01	9.6E+01	6.2E+02	1.5E+01	3.1E+02	1.5E+01	3.1E+02	3.4E+02
Chromium, Total	1.0E+02	1.9E+00	3.8E+01	1.2E+03	1.2E+03	1.9E+00	3.8E+01	1.9E+00	3.8E+01	1.9E+00	3.8E+01	1.9E+00	3.8E+01	1.9E+00
Chromium III (Insoluble Salts)	2.0E-01	1.2E+05	1.2E+05	2.0E-01	2.0E-01	3.1E+06	3.1E+06	9.3E+05	9.3E+05	1.9E+06	1.9E+06	1.0E+06	1.0E+06	1.1E+07
Chromium VI (Particulates)	2.0E-01	3.8E-02	7.7E-01	2.0E-01	2.0E-01	1.1E-01	2.2E+00	1.4E+02	8.6E+02	9.2E-01	1.8E+01	9.2E-01	1.8E+01	9.8E+00
Lead	7.5E+01	1.4E+01	2.7E+02	4.0E+02	4.0E+02	1.4E+01	2.7E+02	1.4E+01	2.7E+02	1.4E+01	2.7E+02	1.4E+01	2.7E+02	1.4E+01
Mercury (Inorganic Salts)	5.0E-01	2.4E-01	4.9E+00	1.7E+01	1.7E+01	1.6E+00	3.2E+01	4.0E+01	1.9E+02	6.4E+00	1.3E+02	6.4E+00	1.3E+02	1.4E+02

TABLE A.2-1
 Summary of Soil RRS for Detected Constituents
 CAP Amendment #2
 Atlanta Beltline - Eastside Trail

PARAMETER	Type 4/5 RRS LMW DAF of 20 mg/kg	Selected Residential	DAF of 1			Selected Residential	Source	DAF of 20			Type 5
			Source	Selected Nonresidential	Source			Selected Residential	Source	Selected Nonresidential	
<u>Volatile Organic Compounds (VOCs)</u>											
1,1,1-Trichloroethane	1.4E+03	2.0E+01	Type 1	2.0E+01	Type 3	2.0E+01	Type 1	9.3E+01	Type 4 IW		
Benzene	1.5E+00	5.0E-01	Type 1	5.0E-01	Type 3	5.0E-01	Type 1	5.0E-01	Type 3		
Methylene Chloride	1.1E+01	5.0E-01	Type 1	5.0E-01	Type 3	5.0E-01	Type 1	6.0E-01	Type 4 IW		
Tetrachloroethene	1.2E+00	5.0E-01	Type 1	5.0E-01	Type 3	5.0E-01	Type 1	5.0E-01	Type 3		
Toluene	2.2E+03	1.0E+02	Type 1	1.0E+02	Type 3	1.0E+02	Type 1	1.0E+02	Type 3		
Trichloroethene	4.1E+00	5.0E-01	Type 1	5.0E-01	Type 3	5.0E-01	Type 1	5.0E-01	Type 3		
<u>SVOCS</u>											
Acenaphthene	1.1E+05	3.0E+02	Type 1	3.0E+02	Type 3	4.1E+02	Type 2	1.3E+03	Type 4 IW		
Anthracene	1.8E+06	5.0E+02	Type 1	1.0E+03	Type 4 IW	3.1E+03	Type 2	2.0E+04	Type 4 IW		
Benzo(a)anthracene	2.8E+02	5.0E+00	Type 1	5.0E+00	Type 3	8.3E+00	Type 2	2.8E+01	Type 4 IW		
Benzo(a)pyrene	2.8E+01	1.6E+00	Type 1	1.6E+00	Type 3	1.6E+00	Type 1	7.8E+00	Type 4 IW		
Benzo(b)fluoranthene	2.8E+02	5.0E+00	Type 1	5.0E+00	Type 3	1.2E+01	Type 2	7.8E+01	Type 4 IW		
Benzo(k)fluoranthene	2.8E+03	1.4E+01	Type 2	4.6E+01	Type 4 IW	1.2E+02	Type 2	7.8E+02	Type 4 IW		
Chrysene	2.8E+04	4.2E+01	Type 2	1.4E+02	Type 4 IW	8.4E+02	Type 2	2.8E+03	Type 4 IW		
Fluoranthene	2.9E+05	5.0E+02	Type 1	5.0E+02	Type 3	2.2E+03	Type 2	9.1E+03	Type 4 IW		
Fluorene	1.4E+05	3.6E+02	Type 1	3.6E+02	Type 3	3.7E+02	Type 2	1.5E+03	Type 4 IW		
Naphthalene	2.2E+00	1.0E+02	Type 1	1.0E+02	Type 3	1.0E+02	Type 1	1.0E+02	Type 3		
Phenanthrene	7.4E-02	1.1E+02	Type 1	1.1E+02	Type 3	1.1E+02	Type 1	1.1E+02	Type 3		
Pyrene	2.2E+05	5.0E+02	Type 1	5.0E+02	Type 3	2.2E+03	Type 2	6.7E+03	Type 4 IW		
<u>Metals</u>											
Arsenic (Type 1 through 4)	9.9E+01	2.0E+01	Type 1	3.8E+01	Type 3 Surface	2.0E+01	Type 1	3.8E+01	Type 3 Surface		
Arsenic (Type 5)	1.4E+02									6.3E+01 Type 5 Recreational Child	
Barium	1.4E+06	1.0E+03	Type 1	1.0E+03	Type 3	2.6E+03	Type 2	1.7E+04	Type 4 IW		
Cadmium (Diet)	6.9E+03	2.0E+00	Type 1	3.9E+01	Type 3	1.2E+01	Type 2	7.7E+01	Type 4 IW		
Chromium, Total	3.8E+01	1.0E+02	Type 1	1.2E+03	Type 3	1.0E+02	Type 1	1.2E+03	Type 3		
Chromium III (Insoluble Salts)	1.1E+07	1.2E+05	Type 2	9.3E+05	Type 4 CW	1.2E+05	Type 2	9.3E+05	Type 4 CW		
Chromium VI (Particulates)	2.0E+02	2.0E-01	Type 1	2.0E-01	Type 3 Surface	7.7E-01	Type 2	2.2E+00	Type 4 IW		
Lead	2.7E+02	7.5E+01	Type 1	4.0E+02	Type 3	2.7E+02	Type 2	4.0E+02	Type 3		
Mercury (Inorganic Salts)	2.2E+03	5.0E-01	Type 1	1.7E+01	Type 3	4.9E+00	Type 2	3.2E+01	Type 4 IW		