



UNITED
CONSULTING

REPORT

For
Atlanta BeltLine, Inc.

Arsenic Delineation Sampling
Atlanta BeltLine – Southside Trail
Segment 4/5; Approximate 1.154-
Mile Section
(STA: 242+63.87 to 303+55.12)
Atlanta, Fulton County, Georgia



October 23, 2020

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; KBurke@atlbeltline.org

RE: Arsenic Delineation Sampling
Atlanta BeltLine – Southside Trail
Segment 4/5; Approximate 1.154-Mile Section (STA: 242+63.87 to 303+55.12)
Atlanta, Georgia
Project No.: 20-GA-01192-13

Dear Mr. Johnston:

United Consulting is pleased to submit this summary report of our arsenic delineation sampling for the Atlanta BeltLine – Southside Trail (SST); Segment 4/5; approximate 1.154-Mile Section (STA: 242+63.87 to 303+55.12) (hereinafter referred to as the Project Site). The purpose of the sampling as reported herein was to delineate impacts requiring possible remedial actions under the Brownfield Prospective Purchaser Corrective Action Plan (PPCAP), as amended, and consistent with the corrective action approach developed for the SST as detailed within Appendix F to PPCAP Amendment #2. This report summarizes the soil delineation sampling and the results for arsenic in fourteen (14) areas along the Project Site.

BACKGROUND

United Consulting previously completed a Phase II Environmental Assessment/Initial Brownfield Site Characterization Sampling (Phase II/BSCS) on the Project Site and various other portions of the Southside Trail, in a report dated from September 19, 2018. A total of 105 borings were advanced across the Southside Trail, with one shallow soil sample (generally in the top 2 feet of the soil column) collected from each boring. The soil samples were analyzed for volatile organic compounds (VOCs), semi-volatile compounds (SVOCs), Resource Conservation and Recovery Act (RCRA) 8 Metals, and/or polychlorinated biphenyls (PCBs), depending on boring location. That analysis identified various metals, VOC, and SVOC impacts, depending on location.

During our previous Phase II, arsenic was detected in the soil samples collected from the Project Site. The following boring locations and their associated arsenic detections exceeded the non-residential Risk Reduction Standards (RRSs) were the focus of this delineation assessment: arsenic at EB-81 through EB-82, EB-87, EB-88, EB-90 through EB-93, EB-96 through EB-98, EB-101, and EB-104. Of note, two areas (EB-102 and EB-103) were previously remediated for non-arsenic constituents. Arsenic was previously detected below non-residential RRS and therefore did not require additional arsenic delineation. This non-arsenic remediation was generally documented within Appendix F to CAP Amendment #2, dated June 7, 2019.

The RRSs and Atlanta BeltLine analyte list, inclusive of constituents detected on various other portions of the Atlanta BeltLine Properties, were established and approved by the Georgia Environmental Protection Division (EPD) as part of Amendment #2 to the approved master PPCAP for the BeltLine properties. These RRSs, as available, were used for comparison within the Phase II report. This report summarizes soil delineation sampling for arsenic exceeding the approved Type 3 non-residential RRS (38 milligrams per kilogram (mg/Kg)), as detected during our previous Phase II and conducted in accordance with the corrective action approach as defined within Appendix F to CAP Amendment #2. Generally, delineation efforts were conducted within areas anticipated to receive less than one foot of fill to meet final grades; furthermore, for identified areas which required remediation, in accordance with Appendix F to CAP Amendment #2, the maximum extent of arsenic remediation extends laterally ten feet further than the outermost boring with an exceedance of the approved non-residential Type 3 RRS and/or to maintain utility buffers.

ARSENIC DELINEATION SAMPLING

The sampling frequency of the arsenic delineation sampling was consistent with the existing master BeltLine CAP, and in accordance with Appendix F to CAP Amendment #2. The results from these assessments are briefly summarized below. The locations of the borings and approximate remediation areas are illustrated on the attached Figures and Exhibits. Table 1 summarizes the soil analytical testing results.

United Consulting mobilized to the Project Site on July 8 and 9th, 2020 to implement the proposed arsenic delineation sampling scope of our February 17, 2020 fee proposal, which generally included advancing delineation borings around the borings where arsenic was detected at concentrations requiring initial remediation (prior to the final Type 5 RRS approach). A total of 98 hand auger borings were advanced to obtain soil samples for potential laboratory analysis. This included six borings (two step-outs of three borings) around each of the original borings with impact concentrations above applicable RRS, plus one boring at the original boring location with the exceedance for vertical delineation. The borings were advanced to depths of approximately 2 to 4 feet.

One sample from the 84 horizontal step-out borings as well as samples from the 14 vertical delineation borings were collected for potential laboratory analysis of arsenic. The samples from each of the horizontal step-out borings were collected from within apparent fill materials, from a depth interval of approximately 0 to 2 feet. The samples from each of the vertical delineation borings were typically

collected at depth intervals of approximately 2.5-3 feet below ground surface (ft. bgs) and/or 3.5 to 4 ft. bgs.

Soil samples collected from the set of three inner step-out borings were advanced in equidistant directions from the original boring, as possible, and analyzed for arsenic. Soil samples collected from the second set of three outer step-out borings, were submitted to the laboratory on hold, and analyzed only if the inner step-out boring from that direction still exceeded applicable non-residential RRS for arsenic. A minimum safe buffer distance of 5 feet from utilities is required per the existing master BeltLine CAP. Step-out boring directions were modified accordingly to avoid breaching the approximate 5-foot safe distance buffer, per approximate utility locations presented to United Consulting in CAD files, original GDOT fiber plans, and/or field utility locating, as available. This sampling was conducted in the event that utility removal would be conducted at a later point. Remediation area shapes were generated based on the analytical results from the step out borings. The shapes of the remediation areas were generally oval-shaped, based on the three-direction step-out boring approach, and consistent with remediation performed on other portions of the BeltLine. The shapes and sizes of the remediation area will be determined during the remediation activities in the field, based on field conditions (i.e. utility locations determined by the remediation contractor).

Soil samples from the borings were classified according to the visual-manual procedure by United Consulting's environmental specialist. The typical soil profile included fill soils and naturally-occurring (residual) soils of the Piedmont physiographic providence. Fill soils were observed predominantly from the surface up to depths of approximately four feet. The fill materials generally consisted of black to dark brown silty sands and railroad ballast. A more detailed description of the subsurface conditions for this assessment is provided on the boring logs in Attachment D.

Five samples were also collected, and subsequently composited, from the remedial areas for analysis of RCRA metals via the toxicity characteristic leaching procedure (TCLP) to assess potential landfill disposal options. These were from borings EB-87, EB-91, EB-93, EB-98, and EB-101.

Decontamination was performed and the Chains of Custody were maintained. Multiple quality control samples were collected and analyzed including duplicate and trip blank samples. Sampling at the site was conducted in general accordance with the 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>.

REMEDIATION AREAS

A total of 14 areas requiring remediation for arsenic have been identified. At each of the remediation areas, the vertical delineation samples were identified as in compliance with the applicable RRS and varied in depths from approximately 2 ft bgs to 3 ft bgs. At five of the thirteen locations, vertical delineation was attempted, but could not be achieved; as such, vertical remediation for arsenic is controlled by the proposed trail elevation and the Type 5 RRS approach under the BeltLine CAP. Figures 1 and 2 show the overall locations of the remedial areas for this segment of the Southside Trail. Exhibits 8, 9, 49 through 62 show the individual remediation areas, their locations, associated sample

points, and estimated remediation limits. Exhibits shown represent a limited portion of the overall remediation approach required for the Southside Trail, therefore only Remediation Areas within Segment 4/5 are discussed below (Segments 1, 2, and 3 are presented under separate cover):

Remediation Area 8 (EB-102)

As previously indicated, Remediation Area 8 was previously remediated for benzo(a)pyrene. Initial soil testing at sample location EB-102 did not identify arsenic at concentrations above non-residential RRS. Therefore, additional delineation at this location was not warranted.

Remediation Area 9 (EB-103)

As previously indicated, Remediation Area 9 was previously remediated for lead. Initial soil testing at sample location EB-103 did not identify arsenic at concentrations above non-residential RRS. Therefore, additional delineation at this location was not warranted.

Remediation Area 49 (EB-80)

Arsenic was detected at a concentration exceeding non-residential RRS at EB-80. Arsenic was additionally detected at concentrations below applicable RRS in the outer step-out borings to the north, southeast, and southwest of the original boring location. The required vertical excavation depth is 3.0 feet. Based on the aforementioned boundary definition and maintaining a safe buffer distance to utilities as shown on the CAD drawings, a total of approximately 25.6 cubic yards (CY) of soil is estimated for excavation and offsite disposal.

Remediation Area 50 (EB-81)

Arsenic was detected at a concentration exceeding non-residential RRS at EB-81. Although shallow delineation sampling was conducted, the entire remediation area is in conflict with known existing utilities. Therefore, in accordance with the Appendix F to CAP Amendment #2, remediation is not required for this area unless the utility is to be removed. If grading plans in this area change, United Consulting should be contacted to evaluate the required management procedures and update this plan, as needed.

Remediation Area 51 (EB-82)

Arsenic was detected at a concentration exceeding non-residential RRS at EB-82. Arsenic was additionally detected at concentrations below applicable RRS in the inner step-out borings to the north, southwest, and southeast of the original boring location. Due to utility conflicts along the southern extent of remediation, at this time, the excavation is limited to within the safe five-foot utility buffer. Based on these conditions, in accordance with the Appendix F to CAP Amendment #2, the excavation boundaries extend to within five feet of utilities and to the defined step-out boring below RRS to the north. The required vertical excavation depth is 2 feet.

Based on the aforementioned boundary definition and maintaining a safe buffer distance to utilities as shown on the CAD drawings, a total of approximately 2.4 cubic yards (CY) of soil is estimated for excavation and offsite disposal.

Remediation Area 52 (EB-87)

Arsenic was detected at a concentration exceeding non-residential RRS at EB-87. Arsenic was additionally detected at concentrations exceeding applicable RRS in both the inner and outer step-out borings to the southwest and north of the original boring location. Arsenic detections at the inner step-out to the southeast were identified below non-residential RRS. In accordance with the Appendix F to CAP Amendment #2, the excavation at this location will extend ten feet laterally beyond the second step-out iteration to the north and southwest; however, due to utility conflicts along the northwest of remediation area, at this time, the excavation is limited to within the safe five-foot utility buffer in this direction.

Based on the excavation boundary defined by a ten-foot lateral expansion from the furthest step-out borings in this area, the review of provided trail plans (for cut/fill analysis), a 3.5-foot vertical removal is supported at this area and a total of approximately 42.8 cubic yards (CY) of soil is estimated for excavation and offsite disposal.

Remediation Area 53 (EB-88)

Arsenic was detected at a concentration exceeding non-residential RRS at EB-88. Arsenic was additionally detected at concentrations below applicable RRS in the inner step-out borings to the north, southeast, and southwest of the original boring location. Due to utility conflicts across the central portion of the location, at this time, the excavation is bifurcated by a ten-foot band buffer. Based on these conditions, in accordance with the Appendix F to CAP Amendment #2, the excavation boundaries extend from the north and south of the utility buffer (five feet) to the defined boundaries with samples below RRS. The required vertical excavation depth is 2 feet.

Based on the aforementioned boundary definition and maintaining a safe buffer distance to utilities as shown on the CAD drawings, a total of approximately 1.2 cubic yards (CY) of soil is estimated for excavation and offsite disposal.

Remediation Area 54 (EB-90)

Arsenic was detected at a concentration exceeding non-residential RRS at EB-90. Although shallow delineation sampling was conducted, the entire remediation area is in conflict with known existing utilities. Therefore, in accordance with the Appendix F to CAP Amendment #2, remediation is not required for this area unless the utility is being removed. If grading plans in this area change, United Consulting should be contacted to evaluate the required management procedures and update this plan, as needed.

Remediation Area 55 (EB-91)

Arsenic was detected at a concentration exceeding non-residential RRS at EB-91. Arsenic was additionally detected at concentrations exceeding applicable RRS in both the inner and outer step-out borings to the north of the original boring location. Arsenic detections at the outer step-out to the southeast and southwest were identified below non-residential RRS. In accordance with the Appendix F to CAP Amendment #2, the excavation at this location will extend ten feet laterally beyond the outer step-out boring to the north, to the outer step-out boring to the southwest, and to within five feet of the utility buffer along the southwest extents of remediation area.

Based on the aforementioned boundary definition and maintaining a safe buffer distance to utilities as shown on the CAD drawings, a total of approximately 12.8 cubic yards (CY) of soil is estimated for excavation and offsite disposal.

Remediation Area 56 (EB-92)

Arsenic was detected at a concentration exceeding non-residential RRS at EB-92. Arsenic was additionally detected at concentrations below applicable RRS in the inner step-out borings to the north, southeast, and southwest of the original boring location. The required vertical excavation depth is 1.0 foot.

Based on the aforementioned boundary definition and maintaining a safe buffer distance to utilities as shown on the CAD drawings, a total of approximately 2.5 cubic yards (CY) of soil is estimated for excavation and offsite disposal.

Remediation Area 57 (EB-93)

Arsenic was detected at a concentration exceeding non-residential RRS at EB-93. Arsenic was additionally detected at concentrations below the applicable RRS in the inner step-out borings to the north, southeast, and southwest. However, in accordance with the Appendix F to CAP Amendment #2 and following our review of provided trail plans, at least one foot of fill is anticipated to be placed across this area to establish final grades. Therefore, no further delineation and/or excavation at EB-93 is required at this time. If grading plans in this area change, United Consulting should be contacted to evaluate the required management procedures and update this plan, as needed.

Remediation Area 58 (EB-96)

Arsenic was detected at a concentration exceeding non-residential RRS at EB-96. Arsenic was additionally detected at concentrations exceeding applicable RRS in both the inner and outer step-out borings to the north of the original boring location. Arsenic was detected at the inner step-out to the southeast and southwest at concentrations below RRS. Due to utility conflicts nearest the initial boring (EB-96), at this time, the excavation is limited to within the five-foot safe buffer distance. Therefore, in accordance with the Appendix F to CAP Amendment #2, the excavation will extend ten feet laterally

beyond the outer step-out boring to the north and southward to within the safe five-foot utility buffer. The required vertical excavation depth is 2 feet.

Based on the aforementioned boundary definition and maintaining a safe buffer distance to utilities as shown on the CAD drawings, a total of approximately 7.9 cubic yards (CY) of soil is estimated for excavation and offsite disposal.

Remediation Area 59 (EB-97)

Arsenic was detected at a concentration exceeding non-residential RRS at EB-97. Arsenic was additionally detected at concentrations exceeding applicable RRS in both the inner and outer step-out borings to the southwest and southeast of the original boring location. Delineation was achieved to the north at the outer step-out boring location, below RRS. Based on these conditions, in accordance with the Appendix F to CAP Amendment #2, the excavation boundaries extend ten feet past the outer step-out borings to the southeast and southwest, and are delineated by the step-out boring to the north. The required vertical excavation depth is 2.5 feet.

Based on the aforementioned boundary definition and maintaining a safe buffer distance to utilities as shown on the CAD drawings, a total of approximately 59.1 cubic yards (CY) of soil is estimated for excavation and offsite disposal.

Remediation Area 60 (EB-98)

Arsenic was detected at a concentration exceeding non-residential RRS at EB-98. Arsenic was additionally detected at concentrations below applicable RRS at the inner step-out borings to the north and outer step-out borings to the southeast and southwest of the original boring location. The required vertical excavation depth is 1 foot.

Based on the aforementioned boundary definition and maintaining a safe buffer distance to utilities as shown on the CAD drawings, a total of approximately 6.2 cubic yards (CY) of soil is estimated for excavation and offsite disposal.

Remediation Area 61 (EB-101)

Arsenic was detected at a concentration exceeding non-residential RRS at EB-101. Arsenic was additionally detected at concentrations exceeding applicable RRS in both the inner and outer step-out borings to the southeast of the original boring location. Delineation was achieved to the north at the outer step-out boring and to the southwest at the inner step-out boring. Based on these conditions, in accordance with the Appendix F to CAP Amendment #2, the excavation boundaries extend ten feet past the outer step-out boring to the southeast, and are delineated by step-out borings to the north and southwest. The required vertical excavation depth is 2 feet.

Based on the aforementioned boundary definition and maintaining a safe buffer distance to utilities as shown on the CAD drawings, a total of approximately 24.3 cubic yards (CY) of soil is estimated for excavation and offsite disposal.

Remediation Area 62 (EB-104)

Arsenic was detected at a concentration exceeding non-residential RRS at EB-104. Arsenic was additionally detected at concentrations below applicable RRS in the inner step-out borings to the north, southeast, and southwest. The required vertical excavation depth is 2.0 feet. Based on the aforementioned boundary definition and maintaining a safe buffer distance to utilities as shown on the CAD drawings, a total of approximately 5.5 cubic yards (CY) of soil is estimated for excavation and offsite disposal.

SUMMARY

Based on the above, with a 20% contingency, there is an estimated 228 CY of impacted soils requiring excavation and disposal at an appropriately licensed landfill to meet the requirements of the EPD approved CAP for the arsenic impacted soils along this section of the Southside Trail. The estimated cubic yardage is an estimated in situ volume, which equates to approximately 342 tons (with noted limitations based on known utility conflicts). Table 2 summarizes the total estimated excavation volume for the arsenic impacted areas. Based on the six samples composited as a single sample for analysis via the TCLP, the soils are likely acceptable for Subtitle D landfill disposal; however, the receiving landfill could have additional testing requirements. Laboratory analytical testing results are included in Attachment E.

It is United Consulting's understanding that additional utility removals for Segment 4/5 will not be conducted in the near term future. If utilities are planned for removal prior to or as part of the trail construction, additional arsenic remediation may be warranted. This applies to Segment 4/5 and the remaining portions of the SST. United Consulting requests that Kimley Horn review the attached Exhibits relative to the known utilities, determine if removals are anticipated, and illustrate utility removal areas within these areas. Then the needed additional action can be defined.

This report does not address the railroad ballasts as may be present across this segment. It is United Consulting's understanding such ballast as present will be managed onsite during construction under the final soil cover meeting the Type 5 RRS approach.

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.

Sincerely,

UNITED CONSULTING



Brandon W. Sharp
Staff Engineer



Spencer Cox
Project Environmental Specialist



Russell C. Griebel, C.P.G., P.G.
Executive Vice President

BS/SCC/RCG/rgw

SharePoint: BeltLineSST.Segment4/5.Delineation.01192-13

ATTACHMENT A

Figure 1 – Segment Location Overview – Street Map

Figure 2 – Remediation Areas Overview – Aerial

ATTACHMENT B

Exhibits 8, 9, 49 through 62

ATTACHMENT C

Table 1 – Summary of Pre-Excavation Site Characterization Sampling Results

Table 2 – Summary of Estimated Soil Remediation Volumes Per Remediation Area

Table 3 – Remediation Cut/Fill Analysis and Approach

ATTACHMENT D

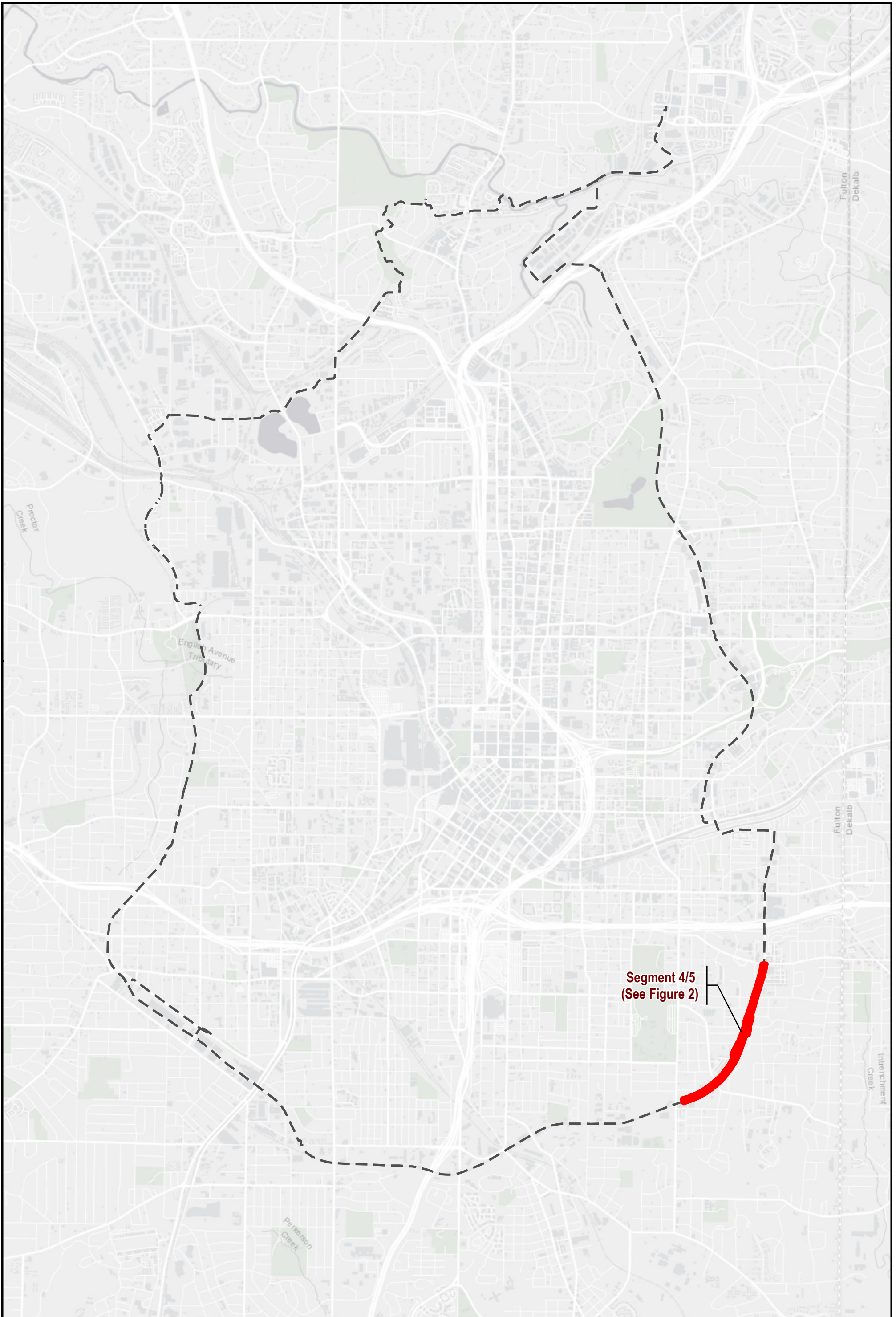
Boring Logs

ATTACHMENT E


Laboratory Analytical Testing Reports

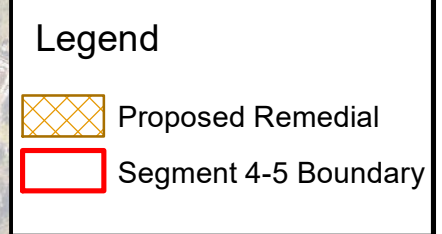
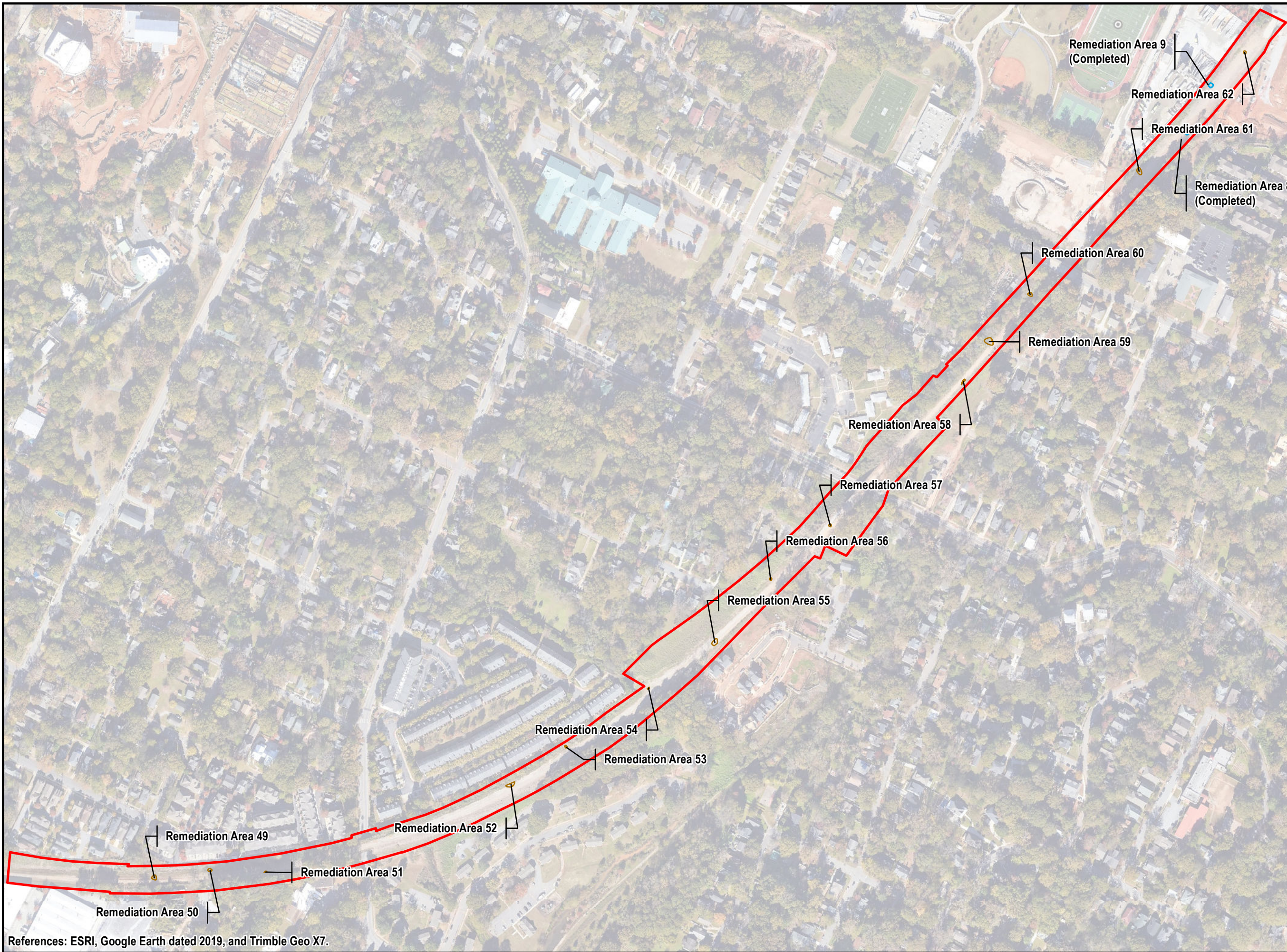
ATTACHMENT A

Figure 1 – Segment Location Overview – Street Map
Figure 2 – Remediation Areas Overview – Aerial



Segment 4/5
(See Figure 2)

 UNITED CONSULTING	<p>Figure Scale</p> <p>0 1,500 3,000</p> <p>1 inch = 3,000 feet</p>	Prepared: SCC	Title: Segment Location Overview - Street Map	<h1>FIG. 1</h1>
		Checked: BWS	Project: Atlanta BeltLine – Southside Trail	
		Date: 10/10/20	Project No.: 20-GA-01192-13	
		Client: Kimley-Horn		



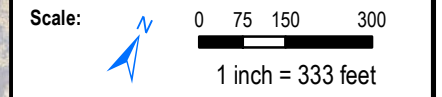
UNITED CONSULTING

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Project:
Atlanta BeltLine – Southside Trail

Client:
Kimley-Horn

Sheet Title:
Remediation Areas Overview Aerial



Prepared:	S. Cox
Checked:	B. Sharp
Date:	Oct 13, 2020
Project No.:	20-GA-01192-11

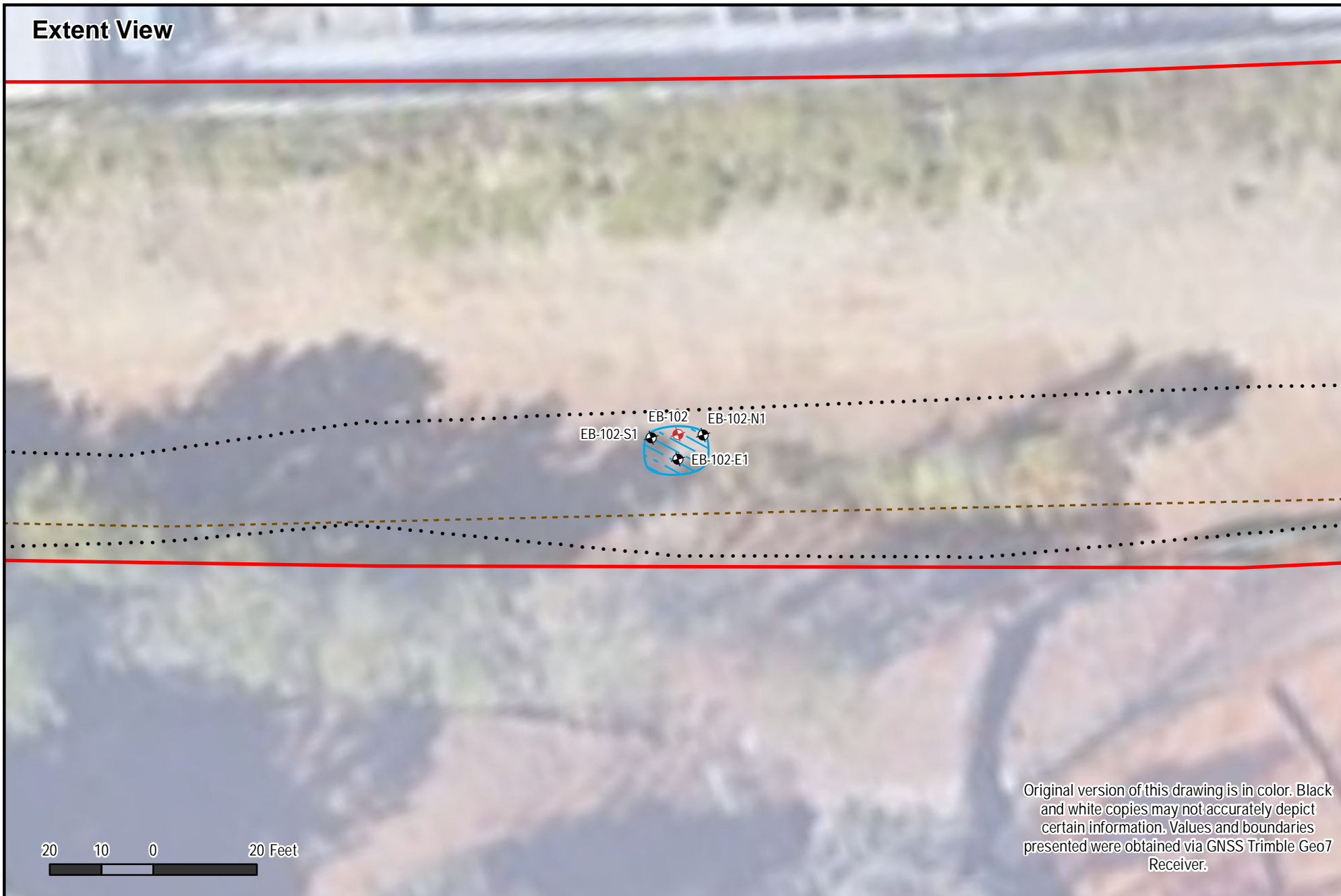
Figure 2

References: ESRI, Google Earth dated 2019, and Trimble Geo X7.

ATTACHMENT B

Exhibits 8, 9, 49 through 62

Extent View



Remedial Photograph



Summary Notes & Legend

Estimated Cubic Yards (Proposed): 3.1 yd³







Approx. Station Number: 298+30

Constituents of Concern: B[a]P

Proposed Depth of Excavation: 2.50 ft bgs

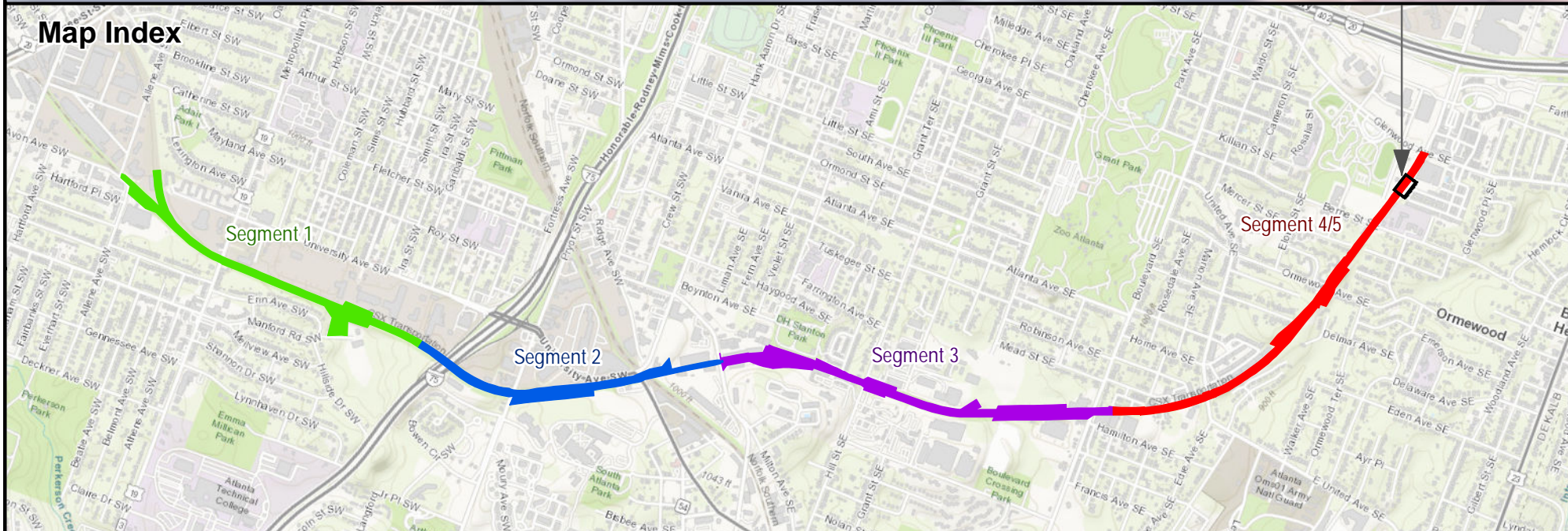
Measured Depth of Excavation (Center): 2.50 ft bgs

Utility Status: Conflict not removed

-  Initial Soil Boring
-  Delineation Boring
-  Actual Remedial Limits
-  Approx. GDOT Fiber
-  MCI/Verizon Utility
-  Segment 4-5 Boundary

Original version of this drawing is in color. Black and white copies may not accurately depict certain information. Values and boundaries presented were obtained via GNSS Trimble Geo7 Receiver.

Map Index



REFERENCES

ESRI ArcMap 2020, Google Earth Imagery dated March 2019, USGS, and referenced preliminary boundaries for BeltLine Segments 2-4/5 provided by Kimley-Horn dated April 30, 2020.



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MAIN EXTENT SCALE AND DIRECTION

1 inch = 25 feet



PROJECT

Atlanta BeltLine Southside Trail - Segment 4

CLIENT

Kimley-Horn / BeltLine

SHEET TITLE

Remediation Area 8

REVISION:

NA

PREPARED:

SCC

CHECKED:

BWS / RCG

DATE:

Oct 01, 2020

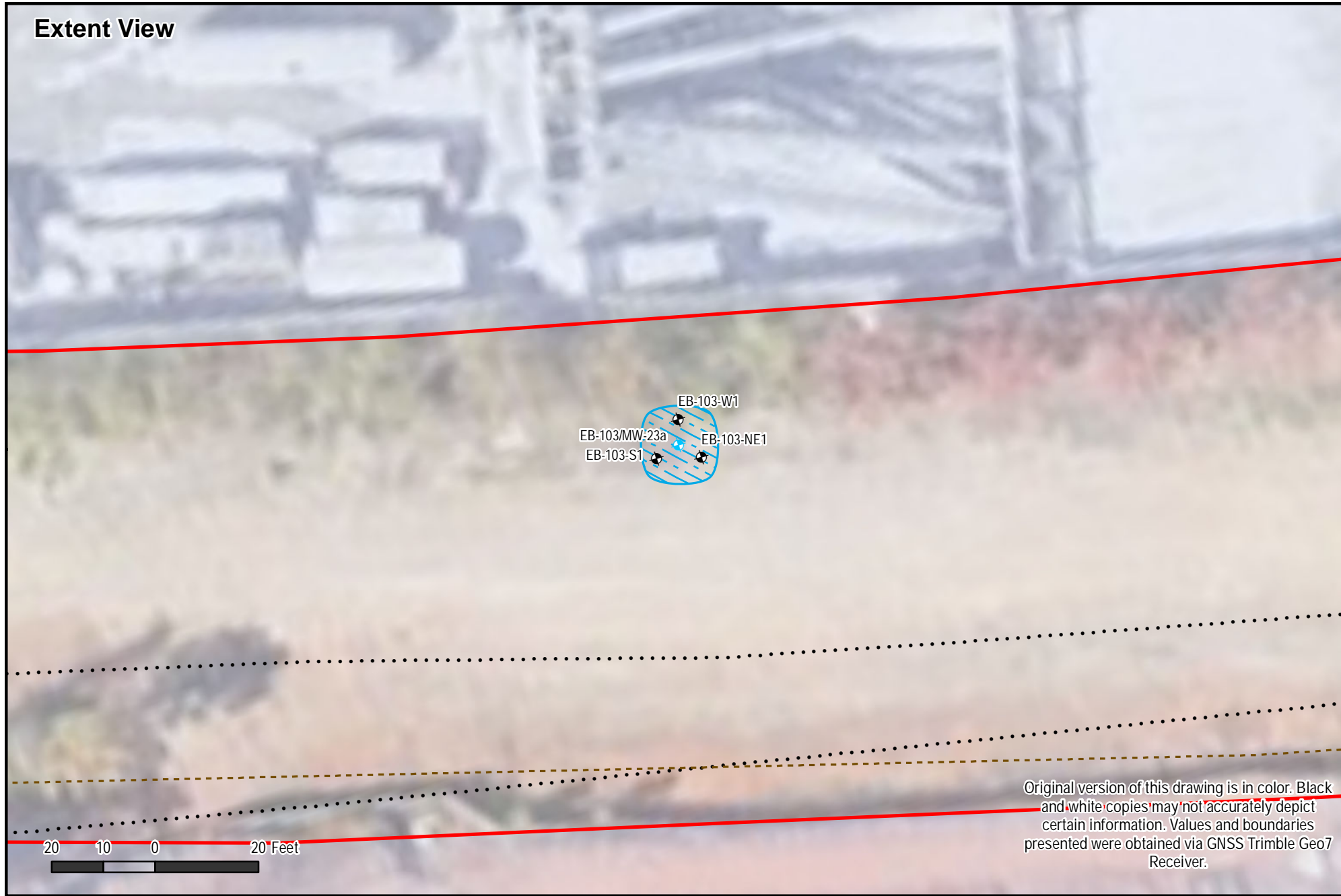
PROJECT NO.:

18-GA-01192-11/13

DRAWING NUMBER

Exhibit 8

Extent View



Original version of this drawing is in color. Black and white copies may not accurately depict certain information. Values and boundaries presented were obtained via GNSS Trimble Geo7 Receiver.

Remedial Photograph



Summary Notes & Legend

Estimated Cubic Yards (Proposed): 7.3 yd³

Approx. Station Number: 300+20

Constituents of Concern: Lead

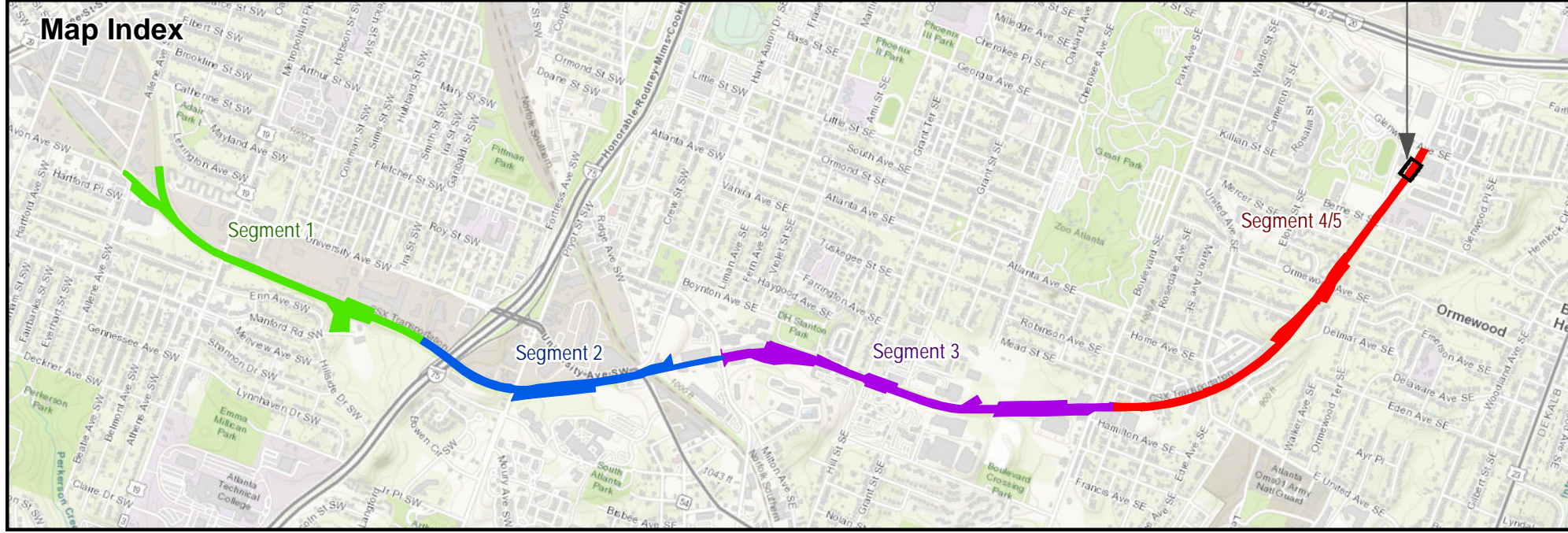
Proposed Depth of Excavation: 1.00 ft bgs

Measured Depth of Excavation (Center): 2.25 ft bgs

Utility Status: No Conflict

- Temporary Monitoring Well
- Delineation Boring
- Actual Remedial Limits
- Approx. GDOT Fiber
- MCI/Verizon Utility
- Segment 4-5 Boundary

Map Index



REFERENCES

ESRI ArcMap 2020, Google Earth Imagery dated March 2019, USGS, and referenced preliminary boundaries for BeltLine Segments 2-4/5 provided by Kimley-Horn dated April 30, 2020.



MAIN EXTENT SCALE AND DIRECTION

1 inch = 25 feet



PROJECT

Atlanta BeltLine Southside Trail - Segment 4

CLIENT

Kimley-Horn / BeltLine

SHEET TITLE

Remediation Area 9

REVISION:	NA
PREPARED:	SCC
CHECKED:	BWS / RCG
DATE:	Oct 01, 2020
PROJECT NO.:	18-GA-01192-11/13
DRAWING NUMBER	
Exhibit 9	

Extent View



Original version of this drawing is in color. Black and white copies may not accurately depict certain information. Values and boundaries presented were obtained via GNSS Trimble Geo7 Receiver.

Remedial Photograph

Pending Remediation

Summary Notes & Legend

Estimated Cubic Yards (Proposed): 25.6 yd³

Approx. Station Number: 250+50

Constituents of Concern: Arsenic

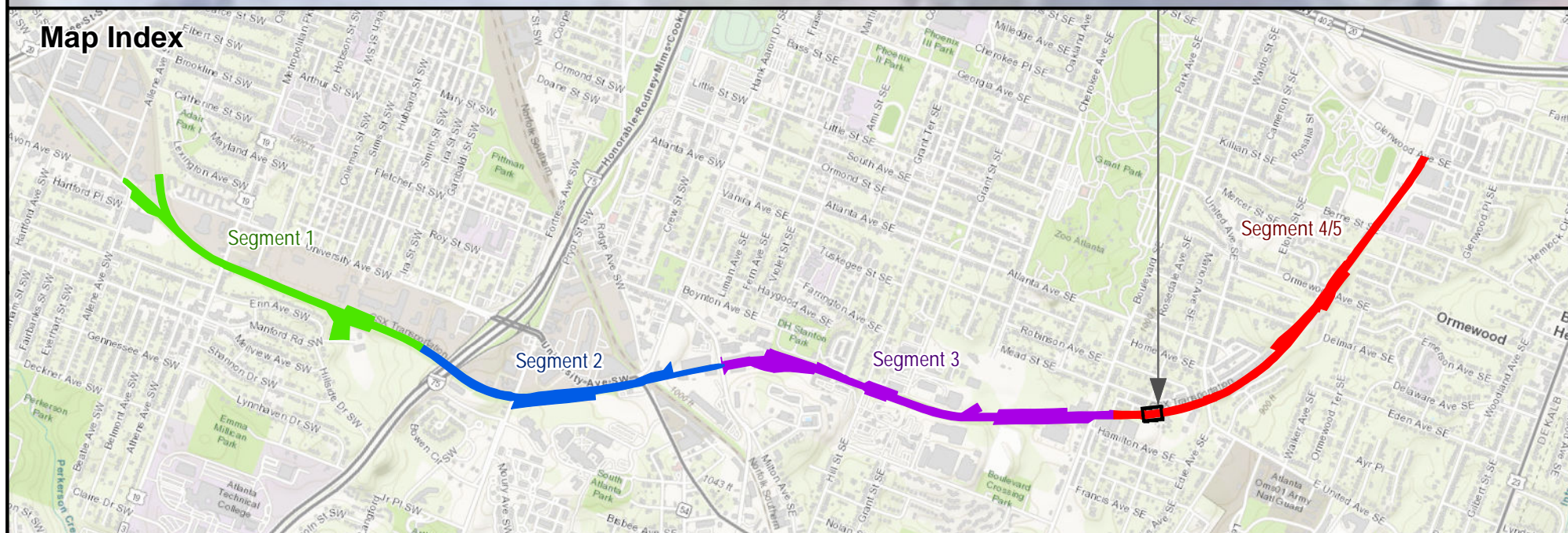
Proposed Depth of Excavation: 3.00 ft bgs

Measured Depth of Excavation (Center): 0.00 ft bgs

Utility Status: No Conflict

- Initial Soil Boring
- Delineation Boring
- Proposed Remedial
- Approx. GDOT Fiber
- MCI/Verizon Utility
- Segment 4-5 Boundary

Map Index



REFERENCES

ESRI ArcMap 2020, Google Earth Imagery dated March 2019, USGS, and referenced preliminary boundaries for BeltLine Segments 2-4/5 provided by Kimley-Horn dated April 30, 2020.



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MAIN EXTENT SCALE AND DIRECTION

1 inch = 25 feet



PROJECT

Atlanta BeltLine Southside Trail - Segment 4

CLIENT

Kimley-Horn / BeltLine

SHEET TITLE

Remediation Area 49

REVISION:

NA

PREPARED:

SCC

CHECKED:

BWS / RCG

DATE:

Oct 01, 2020

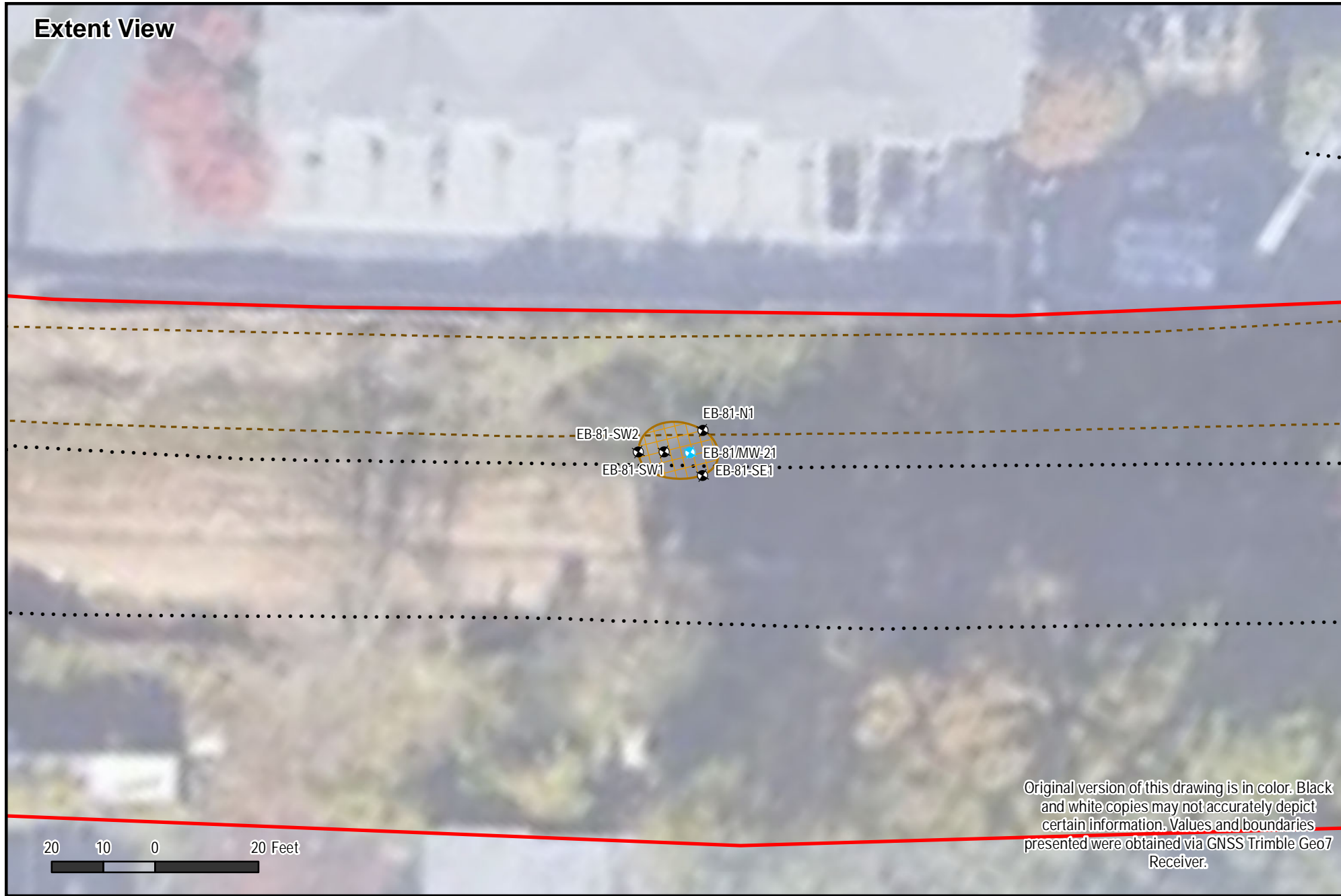
PROJECT NO.:

18-GA-01192-11/13

DRAWING NUMBER

Exhibit 49

Extent View



Original version of this drawing is in color. Black and white copies may not accurately depict certain information. Values and boundaries presented were obtained via GNSS Trimble Geo7 Receiver.

Remedial Photograph

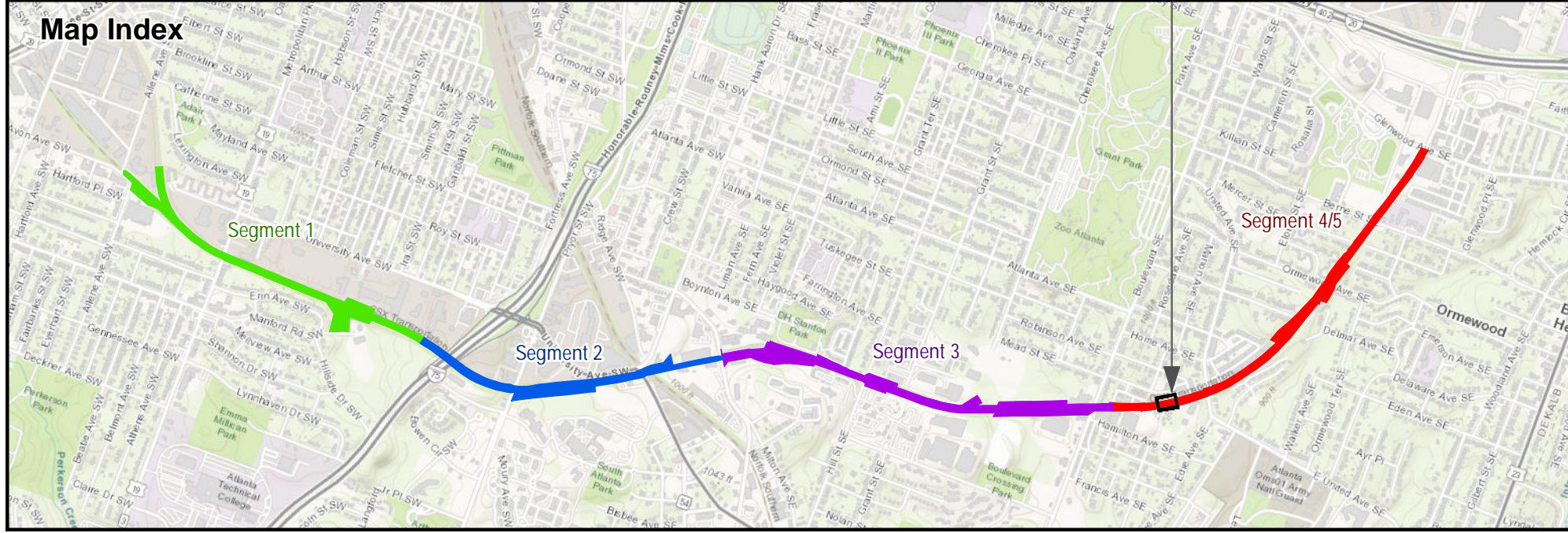
Pending Remediation
(Utility Conflict)

Summary Notes & Legend

Estimated Cubic Yards (Proposed): Not Applicable
 Approx. Station Number: 252+50
 Constituents of Concern: Arsenic
 Proposed Depth of Excavation: 2.00 ft bgs
 Measured Depth of Excavation (Center): 0.00 ft bgs
 Utility Status: Conflict not removed

- Temporary Monitoring Well
- Delineation Boring
- Proposed Remedial
- Approx. GDOT Fiber
- MCI/Verizon Utility
- Segment 4-5 Boundary

Map Index



REFERENCES

ESRI ArcMap 2020, Google Earth Imagery dated March 2019, USGS, and referenced preliminary boundaries for BeltLine Segments 2-4/5 provided by Kimley-Horn dated April 30, 2020.



MAIN EXTENT SCALE AND DIRECTION

1 inch = 25 feet



PROJECT

Atlanta BeltLine Southside Trail - Segment 4

CLIENT

Kimley-Horn / BeltLine

SHEET TITLE

Remediation Area 50

REVISION:	NA
PREPARED:	SCC
CHECKED:	BWS / RCG
DATE:	Oct 01, 2020
PROJECT NO.:	18-GA-01192-11/13
DRAWING NUMBER	
Exhibit 50	

Extent View



Original version of this drawing is in color. Black and white copies may not accurately depict certain information. Values and boundaries presented were obtained via GNSS Trimble Geo7 Receiver.

Remedial Photograph

Pending Remediation

Summary Notes & Legend

Estimated Cubic Yards (Proposed): 2.4 yd³

Approx. Station Number: 254+50

Constituents of Concern: Arsenic

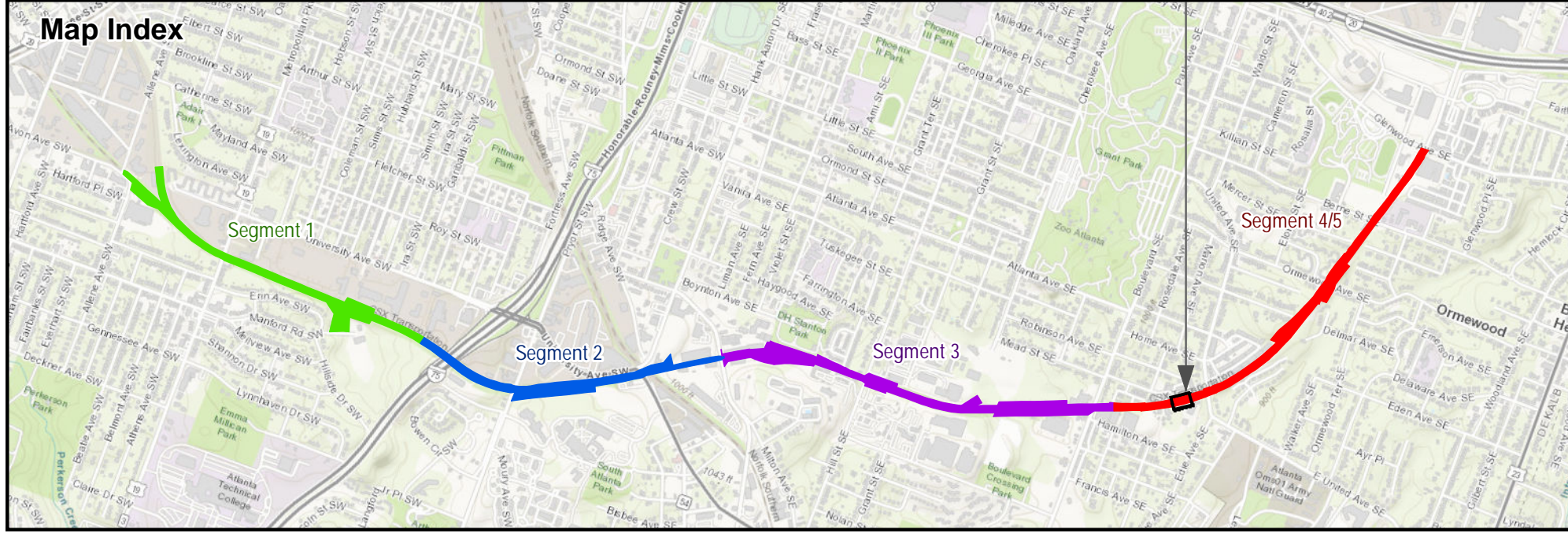
Proposed Depth of Excavation: 2.00 ft bgs

Measured Depth of Excavation (Center): 0.00 ft bgs

Utility Status: Conflict not removed

- Initial Soil Boring
- Delineation Boring
- Proposed Remedial
- Approx. GDOT Fiber
- MCI/Verizon Utility
- Segment 4-5 Boundary

Map Index



REFERENCES

ESRI ArcMap 2020, Google Earth Imagery dated March 2019, USGS, and referenced preliminary boundaries for BeltLine Segments 2-4/5 provided by Kimley-Horn dated April 30, 2020.



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

MAIN EXTENT SCALE AND DIRECTION

1 inch = 25 feet



PROJECT

Atlanta BeltLine Southside Trail - Segment 4

CLIENT

Kimley-Horn / BeltLine

SHEET TITLE

Remediation Area 51

REVISION:

NA

PREPARED:

SCC

CHECKED:

BWS / RCG

DATE:

Oct 01, 2020

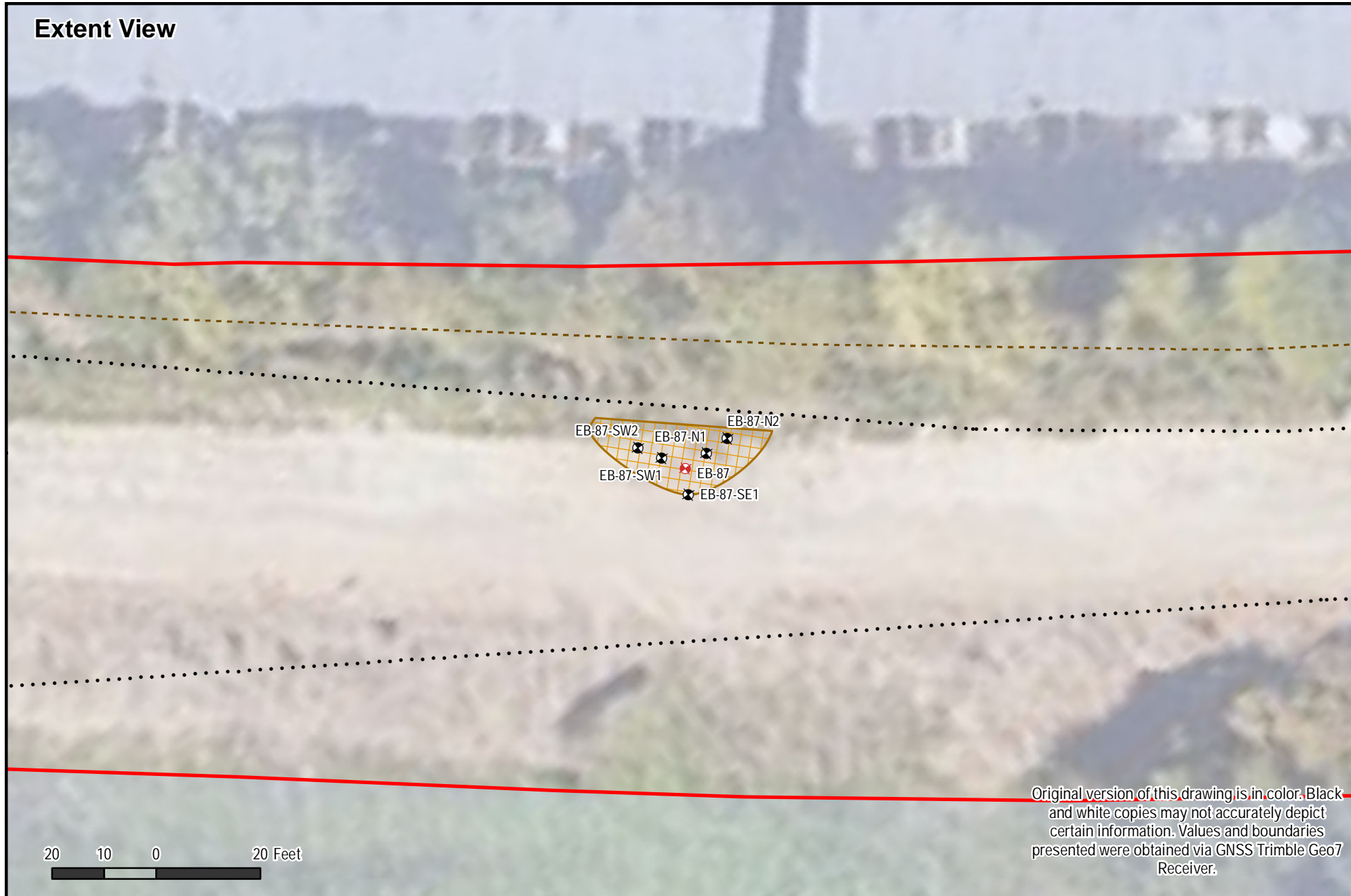
PROJECT NO.:

18-GA-01192-11/13

DRAWING NUMBER

Exhibit 51

Extent View



Original version of this drawing is in color. Black and white copies may not accurately depict certain information. Values and boundaries presented were obtained via GNSS Trimble Geo7 Receiver.

Remedial Photograph

Pending Remediation

Summary Notes & Legend

Estimated Cubic Yards (Proposed): 42.8 yd³

Approx. Station Number: 263+95

Constituents of Concern: Arsenic

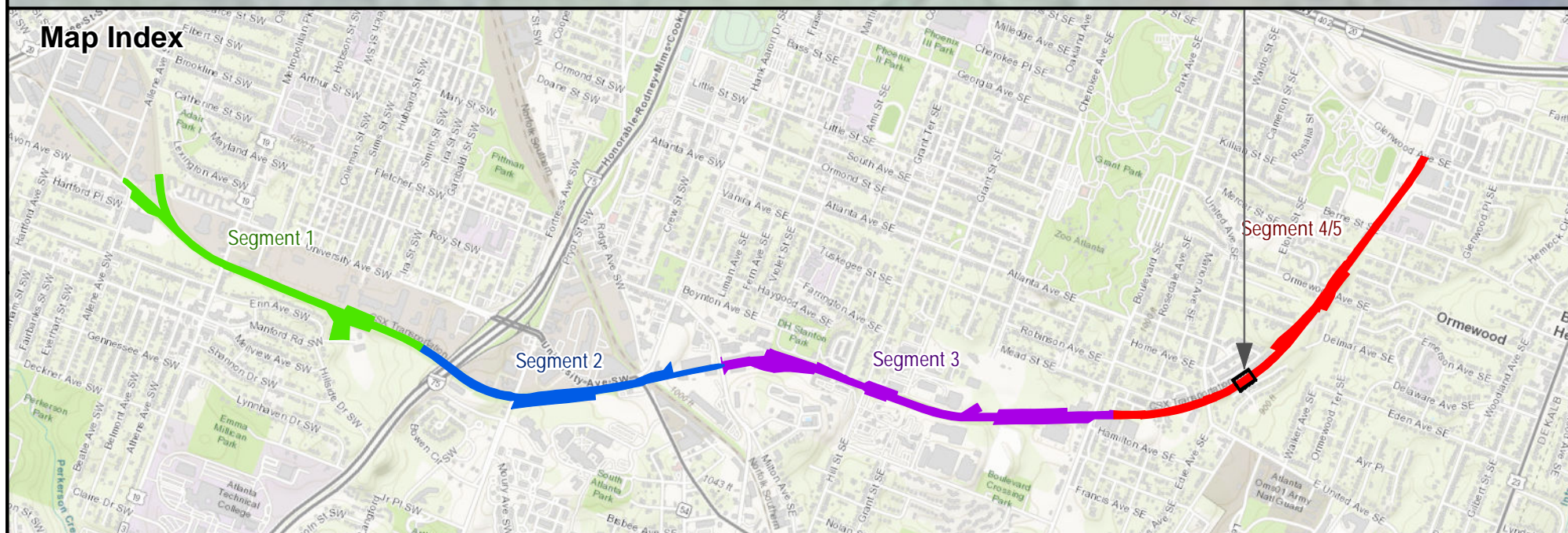
Proposed Depth of Excavation: 3.50 ft bgs

Measured Depth of Excavation (Center): 0.00 ft bgs

Utility Status: Conflict not removed

- Initial Soil Boring
- Delineation Boring
- Proposed Remedial
- Approx. GDOT Fiber
- MCI/Verizon Utility
- Segment 4-5 Boundary

Map Index



REFERENCES

ESRI ArcMap 2020, Google Earth Imagery dated March 2019, USGS, and referenced preliminary boundaries for BeltLine Segments 2-4/5 provided by Kimley-Horn dated April 30, 2020.



MAIN EXTENT SCALE AND DIRECTION

1 inch = 25 feet



PROJECT

Atlanta BeltLine Southside Trail - Segment 4

CLIENT

Kimley-Horn / BeltLine

SHEET TITLE

Remediation Area 52

REVISION:

NA

PREPARED:

SCC

CHECKED:

BWS / RCG

DATE:

Oct 01, 2020

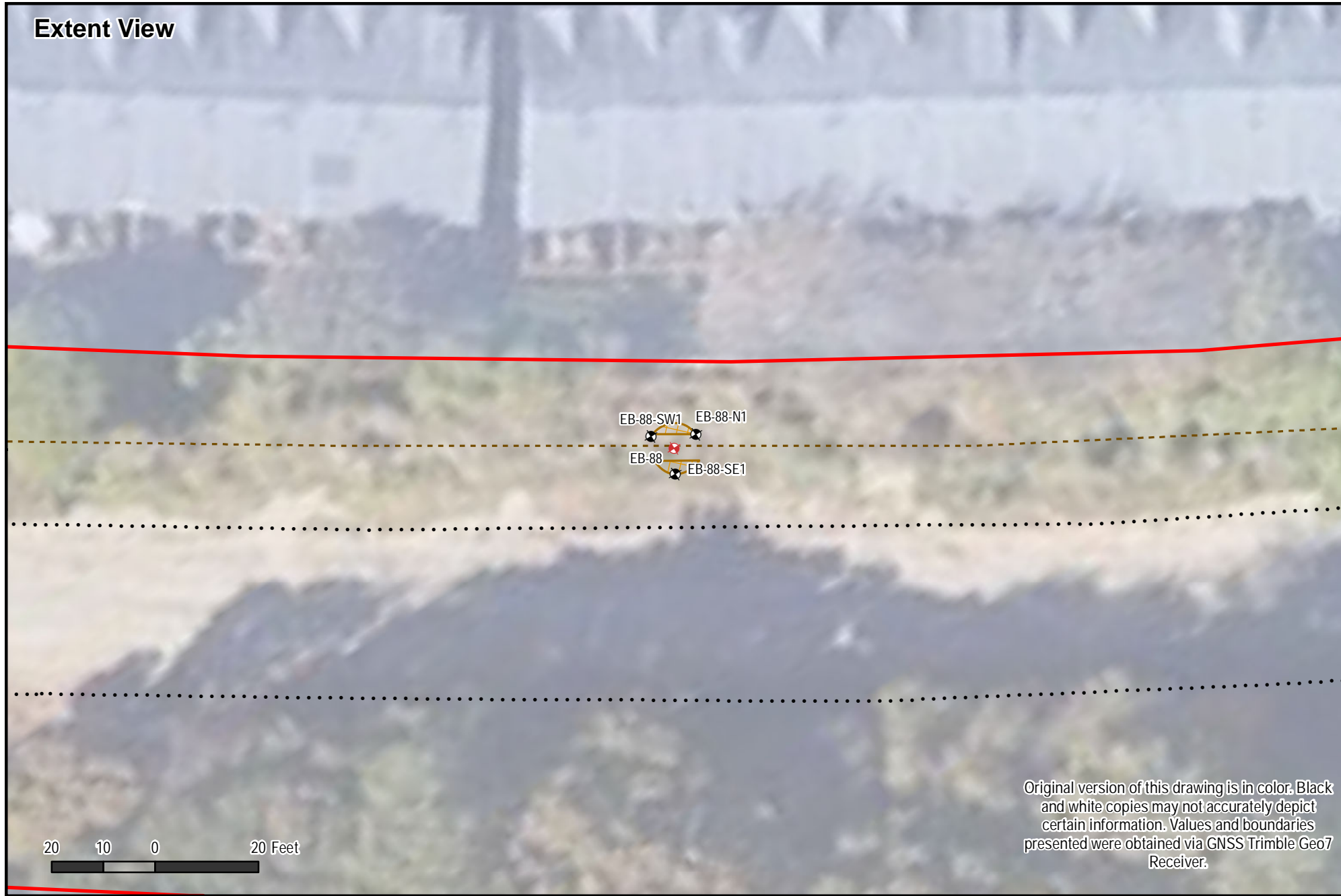
PROJECT NO.:

18-GA-01192-11/13

DRAWING NUMBER

Exhibit 52

Extent View



Original version of this drawing is in color. Black and white copies may not accurately depict certain information. Values and boundaries presented were obtained via GNSS Trimble Geo7 Receiver.

Remedial Photograph

Pending Remediation

Summary Notes & Legend

Estimated Cubic Yards (Proposed): 1.2 yd³







Approx. Station Number: 266+35

Constituents of Concern: Arsenic

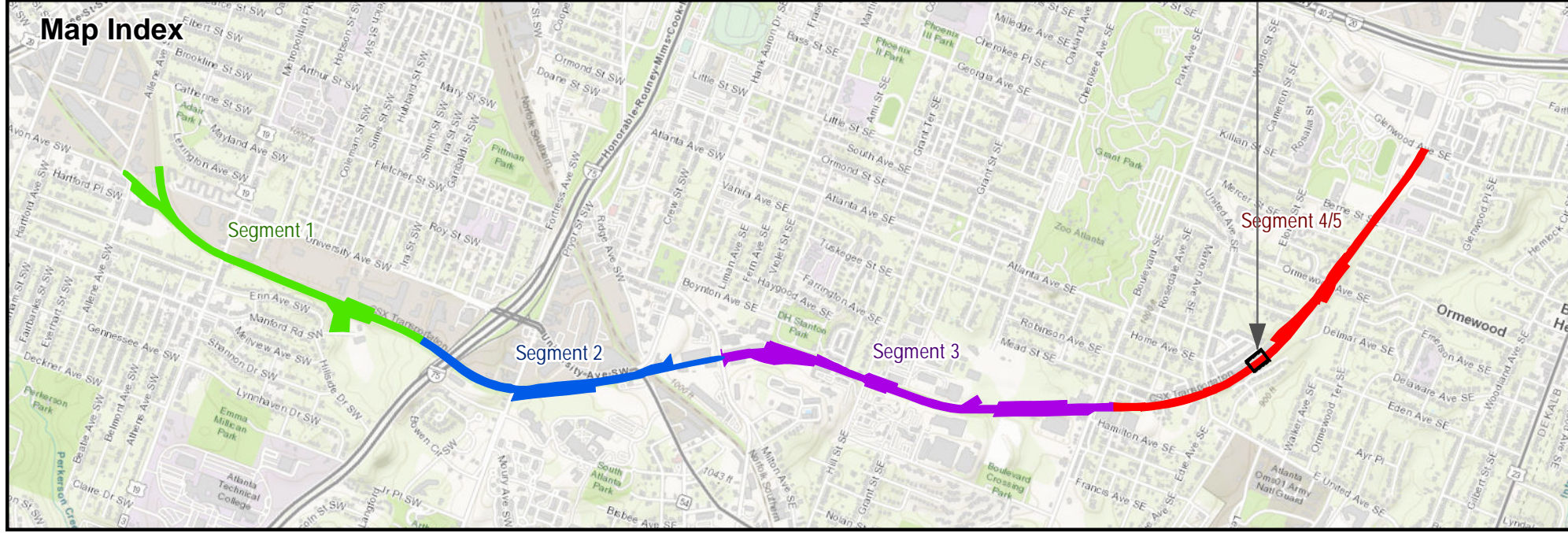
Proposed Depth of Excavation: 2.00 ft bgs

Measured Depth of Excavation (Center): 0.00 ft bgs

Utility Status: Conflict not removed

-  Initial Soil Boring
-  Delineation Boring
-  Proposed Remedial
-  Approx. GDOT Fiber
-  MCI/Verizon Utility
-  Segment 4-5 Boundary

Map Index



REFERENCES

ESRI ArcMap 2020, Google Earth Imagery dated March 2019, USGS, and referenced preliminary boundaries for BeltLine Segments 2-4/5 provided by Kimley-Horn dated April 30, 2020.



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MAIN EXTENT SCALE AND DIRECTION

1 inch = 25 feet



PROJECT

Atlanta BeltLine Southside Trail - Segment 4

CLIENT

Kimley-Horn / BeltLine

SHEET TITLE

Remediation Area 53

REVISION:

NA

PREPARED:

SCC

CHECKED:

BWS / RCG

DATE:

Oct 01, 2020

PROJECT NO.:

18-GA-01192-11/13

DRAWING NUMBER

Exhibit 53

Extent View



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Remedial Photograph

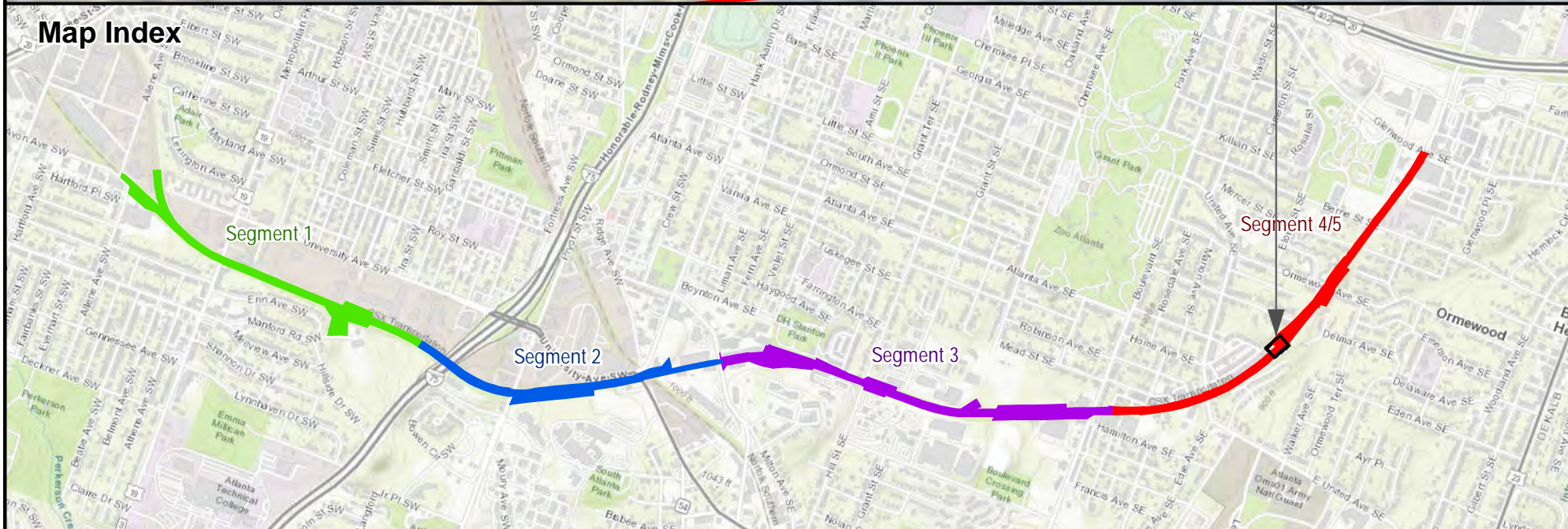
Pending Remediation

Summary Notes & Legend

Estimated Cubic Yards (Proposed): Not Applicable
 Approx. Station Number: 270+10
 Constituents of Concern: Arsenic
 Proposed Depth of Excavation: 2.00 ft bgs
 Measured Depth of Excavation (Center): 0.00 ft bgs
 Utility Status: Conflict not removed

- Initial Soil Boring
- Delineation Boring
- Proposed Remedial
- Approx. GDOT Fiber
- MCI/Verizon Utility
- Segment 4-5 Boundary

Map Index



REFERENCES

ESRI ArcMap 2020, Google Earth Imagery dated March 2019, USGS, and referenced preliminary boundaries for BeltLine Segments 2-4/5 provided by Kimley-Horn dated April 30, 2020.



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MAIN EXTENT SCALE AND DIRECTION

1 inch = 25 feet



PROJECT

Atlanta BeltLine Southside Trail - Segment 4

CLIENT

Kimley-Horn / BeltLine

SHEET TITLE

Remediation Area 54

REVISION:

NA

PREPARED:

SCC

CHECKED:

BWS / RCG

DATE:

Oct 13, 2020

PROJECT NO.:

18-GA-01192-11/13

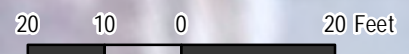
DRAWING NUMBER

Exhibit 54

Extent View



EB-91-SW2
 EB-91-SW1 EB-91-N2
 EB-91 EB-91-N1
 EB-91-SE1
 EB-91-SE2



Original version of this drawing is in color. Black and white copies may not accurately depict certain information. Values and boundaries presented were obtained via GNSS Trimble Geo7 Receiver.

Remedial Photograph

Pending Remediation

Summary Notes & Legend

Estimated Cubic Yards (Proposed): 12.8 yd³







Approx. Station Number: 272+95

Constituents of Concern: Arsenic

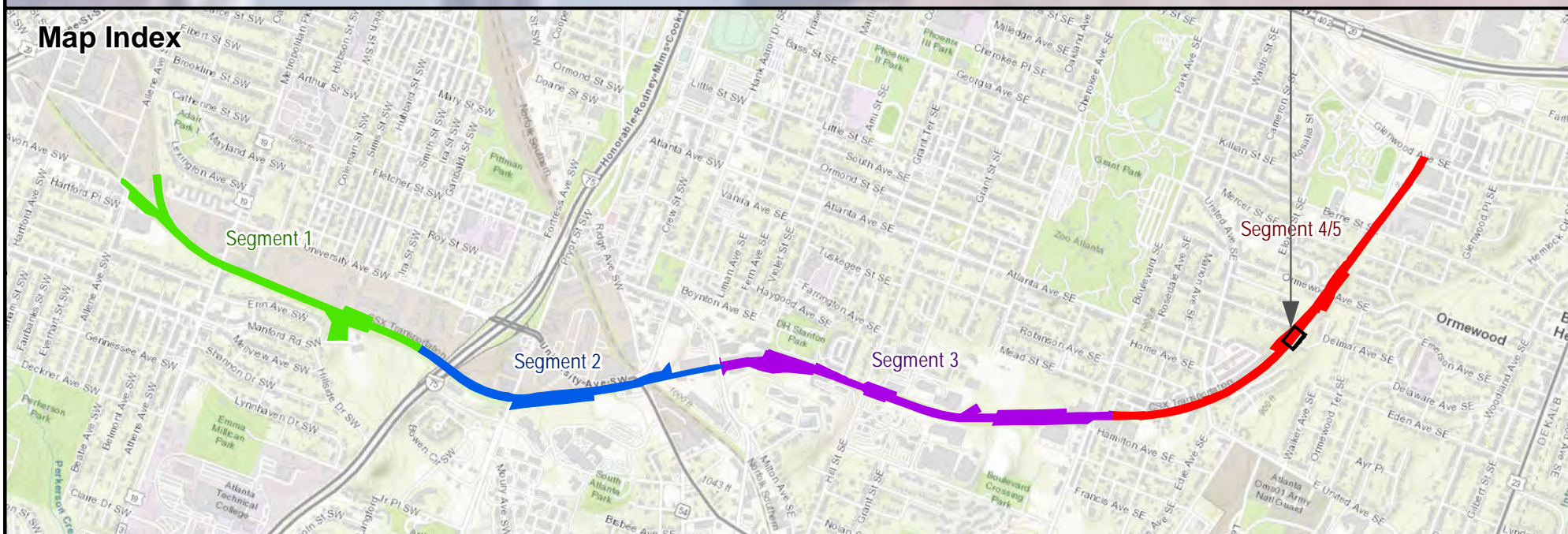
Proposed Depth of Excavation: 1.00 ft bgs

Measured Depth of Excavation (Center): 0.00 ft bgs

Utility Status: Conflict not removed

-  Initial Soil Boring
-  Delineation Boring
-  Proposed Remedial
-  Approx. GDOT Fiber
-  MCI/Verizon Utility
-  Segment 4-5 Boundary

Map Index



REFERENCES

ESRI ArcMap 2020, Google Earth Imagery dated March 2019, USGS, and referenced preliminary boundaries for BeltLine Segments 2-4/5 provided by Kimley-Horn dated April 30, 2020.



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MAIN EXTENT SCALE AND DIRECTION

1 inch = 25 feet



PROJECT

Atlanta BeltLine Southside Trail - Segment 4

CLIENT

Kimley-Horn / BeltLine

SHEET TITLE

Remediation Area 55

REVISION:

NA

PREPARED:

SCC

CHECKED:

BWS / RCG

DATE:

Oct 12, 2020

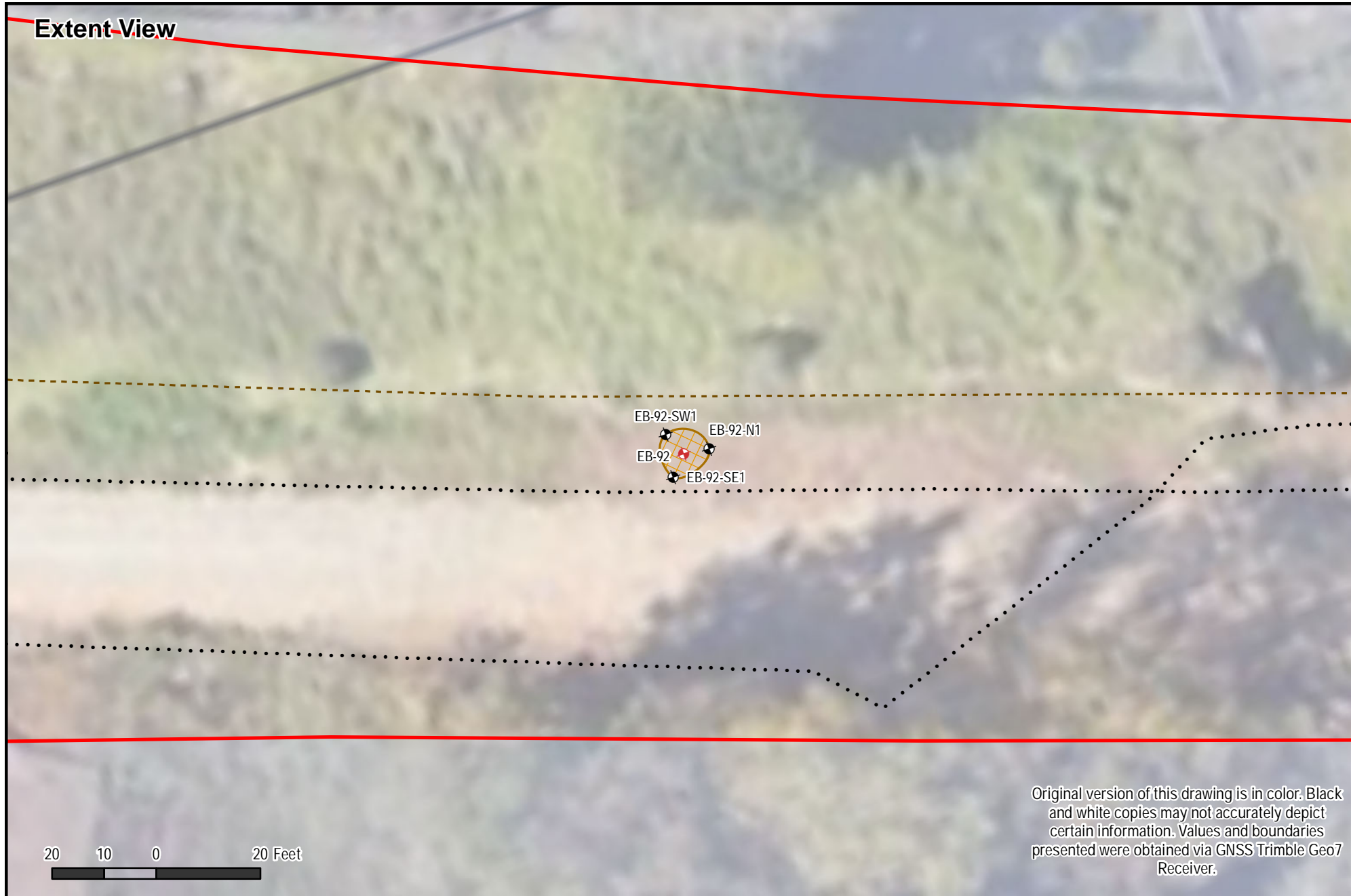
PROJECT NO.:

18-GA-01192-11/13

DRAWING NUMBER

Exhibit 55

Extent View



Original version of this drawing is in color. Black and white copies may not accurately depict certain information. Values and boundaries presented were obtained via GNSS Trimble Geo7 Receiver.

Remedial Photograph

Pending Remediation

Summary Notes & Legend

Estimated Cubic Yards (Proposed): 2.5 yd³







Approx. Station Number: 276+00

Constituents of Concern: Arsenic

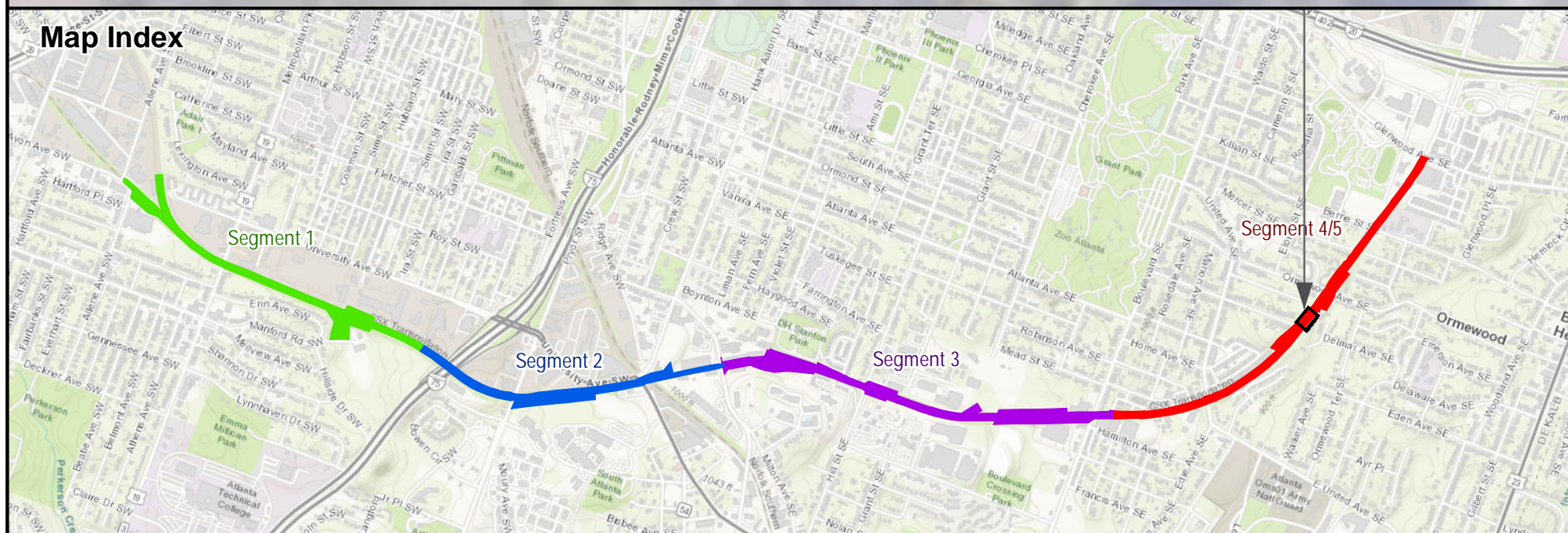
Proposed Depth of Excavation: 1.00 ft bgs

Measured Depth of Excavation (Center): 0.00 ft bgs

Utility Status: No Conflict

-  Initial Soil Boring
-  Delineation Boring
-  Proposed Remedial
-  Approx. GDOT Fiber
-  MCI/Verizon Utility
-  Segment 4-5 Boundary

Map Index



REFERENCES

ESRI ArcMap 2020, Google Earth Imagery dated March 2019, USGS, and referenced preliminary boundaries for BeltLine Segments 2-4/5 provided by Kimley-Horn dated April 30, 2020.



MAIN EXTENT SCALE AND DIRECTION

1 inch = 25 feet



PROJECT

Atlanta BeltLine Southside Trail - Segment 4

CLIENT

Kimley-Horn / BeltLine

SHEET TITLE

Remediation Area 56

REVISION:

NA

PREPARED:

SCC

CHECKED:

BWS / RCG

DATE:

Oct 01, 2020

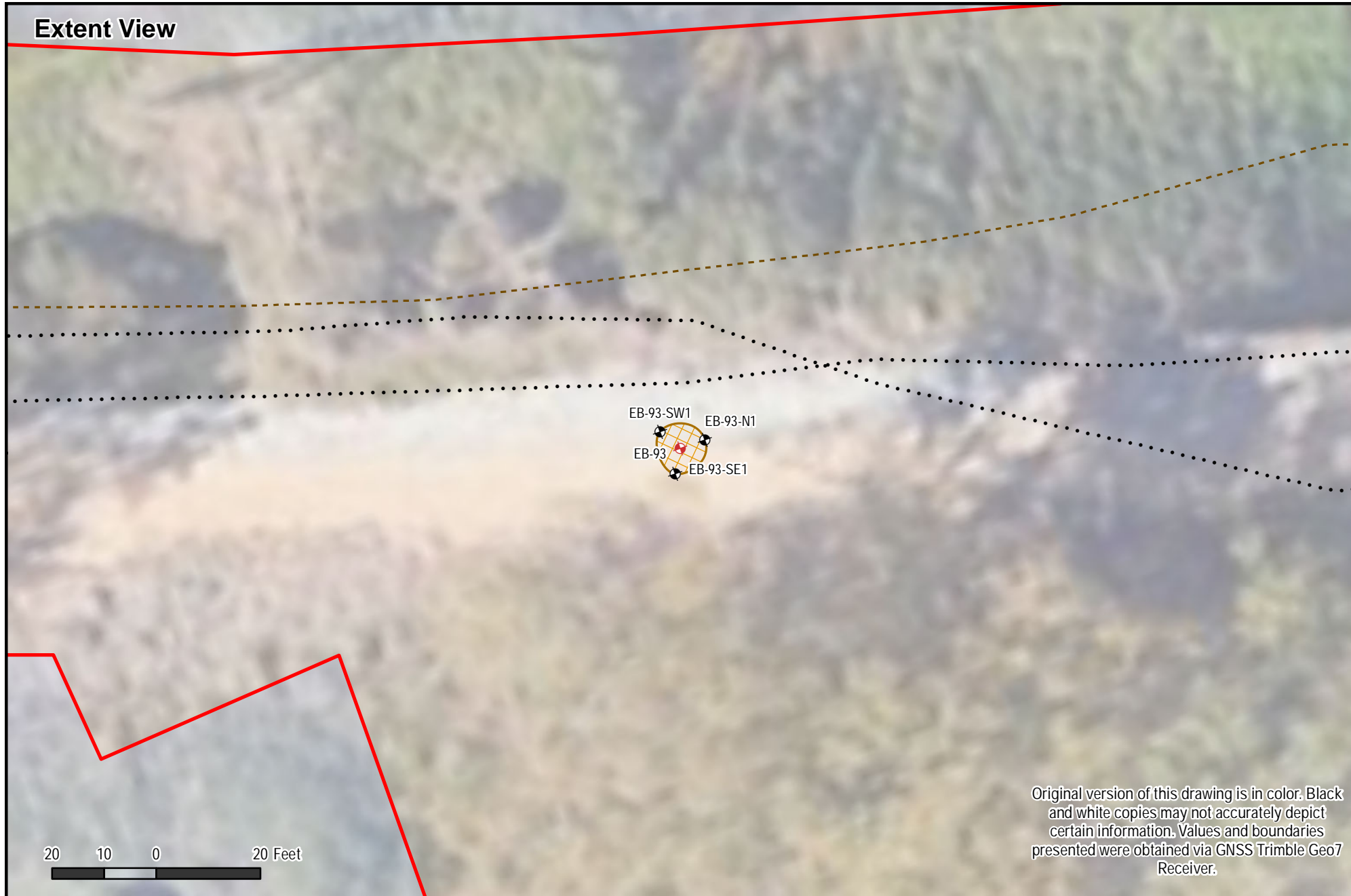
PROJECT NO.:

18-GA-01192-11/13

DRAWING NUMBER

Exhibit 56

Extent View



EB-93-SW1 EB-93-N1
EB-93 EB-93-SE1

Original version of this drawing is in color. Black and white copies may not accurately depict certain information. Values and boundaries presented were obtained via GNSS Trimble Geo7 Receiver.

Remedial Photograph

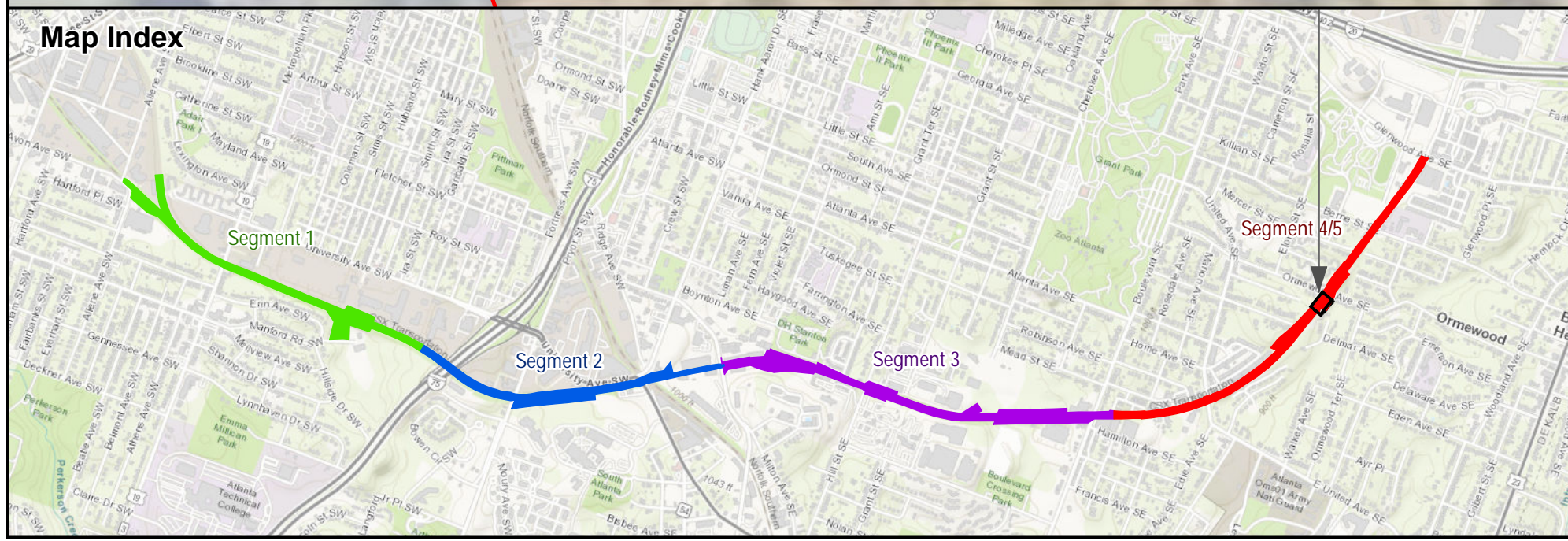
**Fill Placement Required
No Planned Remediation**

Summary Notes & Legend

Estimated Cubic Yards (Proposed): No Applicable
 Approx. Station Number: 278+90
 Constituents of Concern: Arsenic
 Proposed Depth of Excavation: 0.00 ft bgs
 Measured Depth of Excavation (Center): 0.00 ft bgs
 Utility Status: No Conflict

- Initial Soil Boring
- Delineation Boring
- Proposed Remedial
- Approx. GDOT Fiber
- MCI/Verizon Utility
- Segment 4-5 Boundary

Map Index



REFERENCES

ESRI ArcMap 2020, Google Earth Imagery dated March 2019, USGS, and referenced preliminary boundaries for BeltLine Segments 2-4/5 provided by Kimley-Horn dated April 30, 2020.



MAIN EXTENT SCALE AND DIRECTION	
1 inch = 25 feet	
PROJECT	Atlanta BeltLine Southside Trail - Segment 4
CLIENT	Kimley-Horn / BeltLine
SHEET TITLE	Remediation Area 57

REVISION:	NA
PREPARED:	SCC
CHECKED:	BWS / RCG
DATE:	Oct 01, 2020
PROJECT NO.:	18-GA-01192-11/13
DRAWING NUMBER	
Exhibit 57	

Extent View



Remedial Photograph

Pending Remediation

Summary Notes & Legend

Estimated Cubic Yards (Proposed): 7.9 yd³







Approx. Station Number: 285+95

Constituents of Concern: Arsenic

Proposed Depth of Excavation: 2.00 ft bgs

Measured Depth of Excavation (Center): 0.00 ft bgs

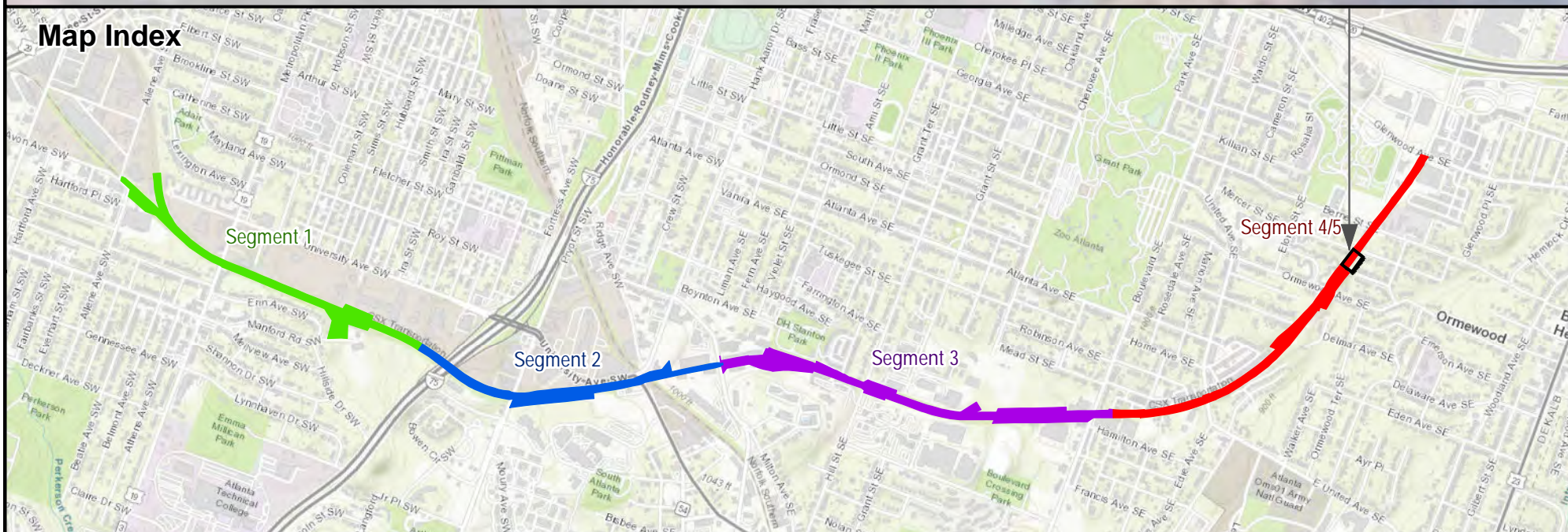
Utility Status: Conflict not removed

-  Initial Soil Boring
-  Delineation Boring
-  Proposed Remedial
-  Approx. GDOT Fiber
-  MCI/Verizon Utility
-  Segment 4-5 Boundary

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20 10 0 20 Feet

Map Index



REFERENCES

ESRI ArcMap 2020, Google Earth Imagery dated March 2019, USGS, and referenced preliminary boundaries for BeltLine Segments 2-4/5 provided by Kimley-Horn dated April 30, 2020.



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MAIN EXTENT SCALE AND DIRECTION

1 inch = 25 feet



PROJECT

Atlanta BeltLine Southside Trail - Segment 4

CLIENT

Kimley-Horn / BeltLine

SHEET TITLE

Remediation Area 58

REVISION:

NA

PREPARED:

SCC

CHECKED:

BWS / RCG

DATE:

Oct 12, 2020

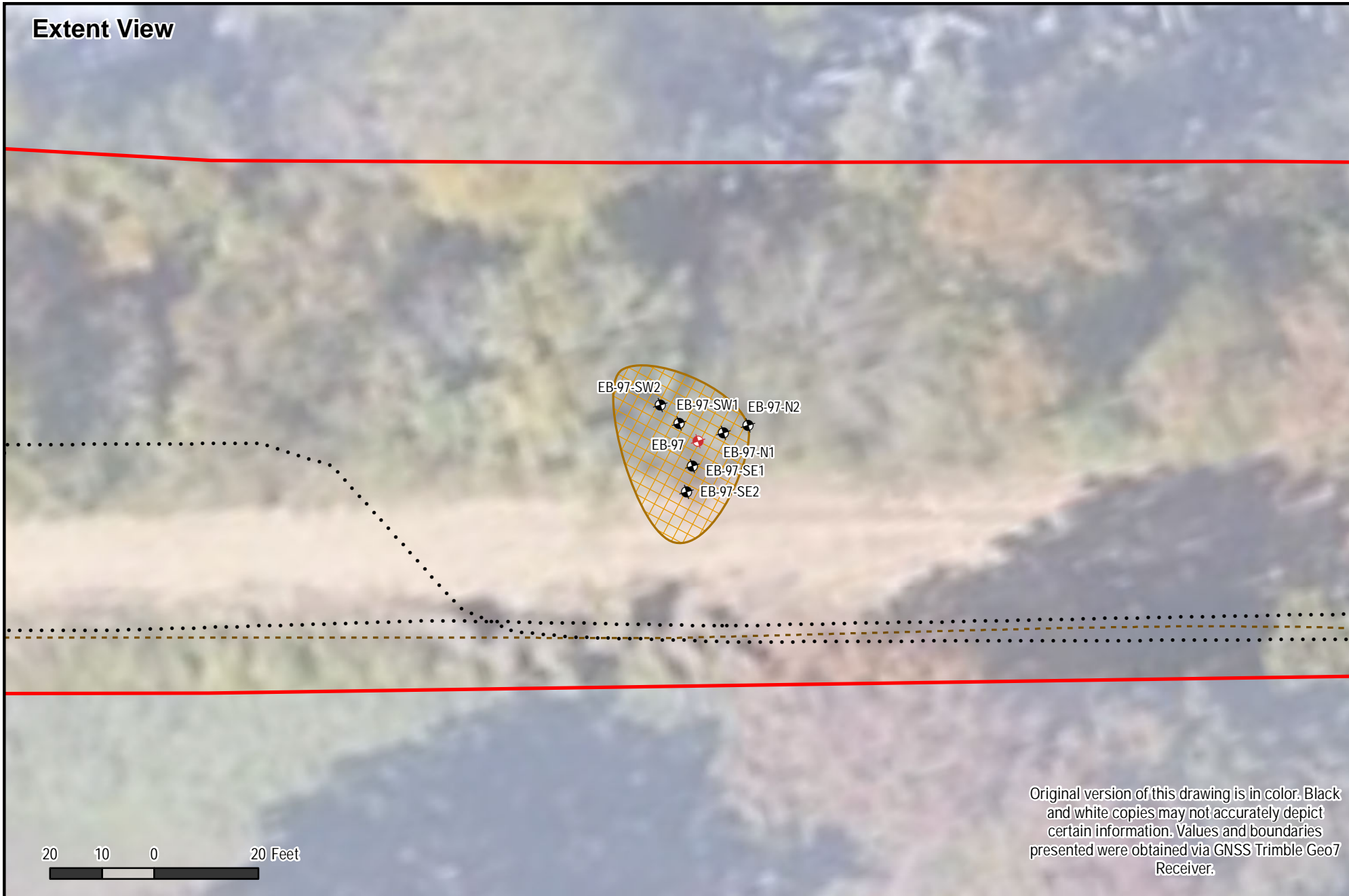
PROJECT NO.:

18-GA-01192-11/13

DRAWING NUMBER

Exhibit 58

Extent View



Remedial Photograph

Pending Remediation

Summary Notes & Legend

Estimated Cubic Yards (Proposed): 59.1 yd³

Approx. Station Number: 287+90

Constituents of Concern: Arsenic

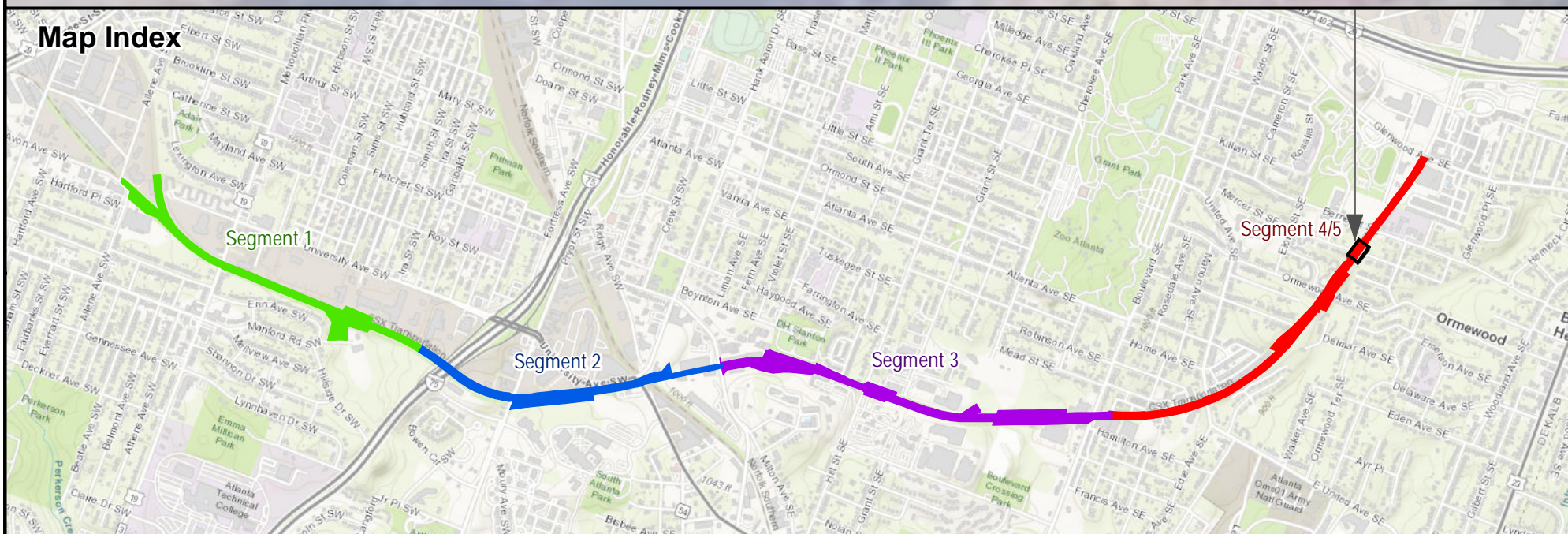
Proposed Depth of Excavation: 2.50 ft bgs

Measured Depth of Excavation (Center): 0.00 ft bgs

Utility Status: No Conflict

- Initial Soil Boring
- Delineation Boring
- Proposed Remedial
- Approx. GDOT Fiber
- MCI/Verizon Utility
- Segment 4-5 Boundary

Map Index



REFERENCES

ESRI ArcMap 2020, Google Earth Imagery dated March 2019, USGS, and referenced preliminary boundaries for BeltLine Segments 2-4/5 provided by Kimley-Horn dated April 30, 2020.



MAIN EXTENT SCALE AND DIRECTION

1 inch = 25 feet



PROJECT

Atlanta BeltLine Southside Trail - Segment 4

CLIENT

Kimley-Horn / BeltLine

SHEET TITLE

Remediation Area 59

REVISION:

NA

PREPARED:

SCC

CHECKED:

BWS / RCG

DATE:

Oct 01, 2020

PROJECT NO.:

18-GA-01192-11/13

DRAWING NUMBER

Exhibit 59

Extent View



Remedial Photograph

Pending Remediation

Summary Notes & Legend

Estimated Cubic Yards (Proposed): 6.2 yd³







Approx. Station Number: 290+15

Constituents of Concern: Arsenic

Proposed Depth of Excavation: 1.00 ft bgs

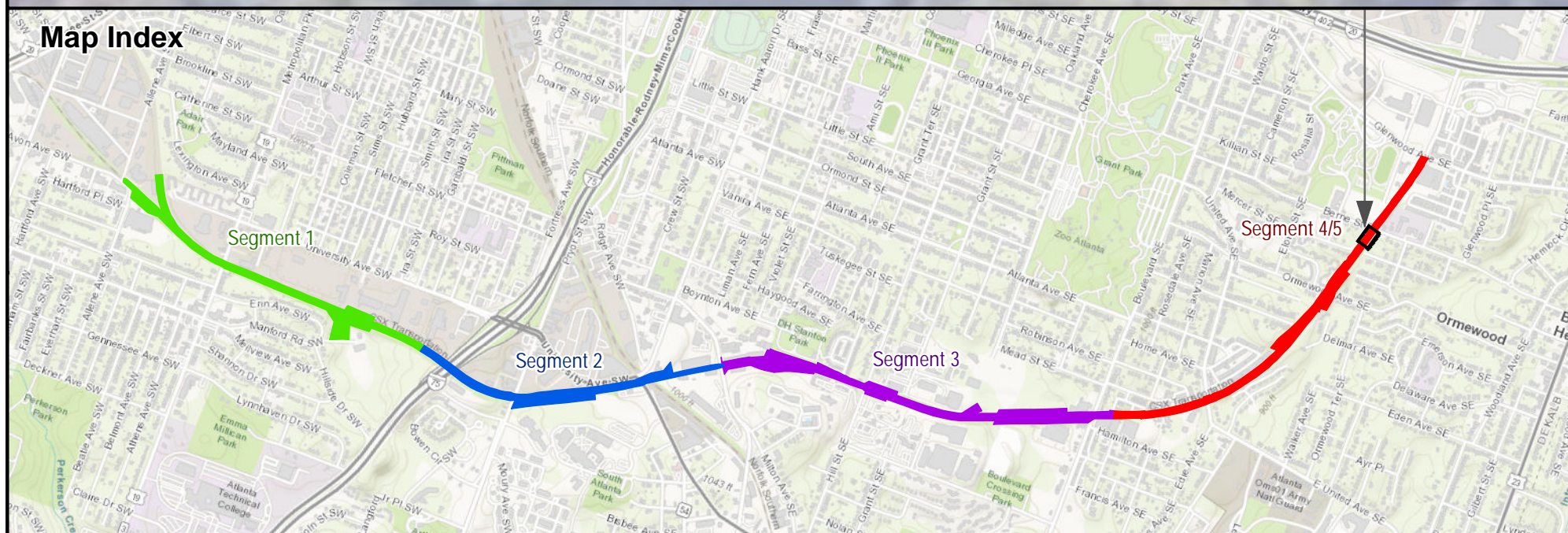
Measured Depth of Excavation (Center): 0.00 ft bgs

Utility Status: No Conflict

-  Initial Soil Boring
-  Delineation Boring
-  Proposed Remedial
-  Approx. GDOT Fiber
-  MCI/Verizon Utility
-  Segment 4-5 Boundary

Original version of this drawing is in color. Black and white copies may not accurately depict certain information. Values and boundaries presented were obtained via GNSS Trimble Geo7 Receiver.

Map Index



REFERENCES

ESRI ArcMap 2020, Google Earth Imagery dated March 2019, USGS, and referenced preliminary boundaries for BeltLine Segments 2-4/5 provided by Kimley-Horn dated April 30, 2020.



MAIN EXTENT SCALE AND DIRECTION

1 inch = 25 feet



PROJECT

Atlanta BeltLine Southside Trail - Segment 4

CLIENT

Kimley-Horn / BeltLine

SHEET TITLE

Remediation Area 60

REVISION:

NA

PREPARED:

SCC

CHECKED:

BWS / RCG

DATE:

Oct 01, 2020

PROJECT NO.:

18-GA-01192-11/13

DRAWING NUMBER

Exhibit 60

Extent View



Remedial Photograph

Pending Remediation

Summary Notes & Legend

Estimated Cubic Yards (Proposed): 24.3 yd³







Approx. Station Number: 296+10

Constituents of Concern: Arsenic

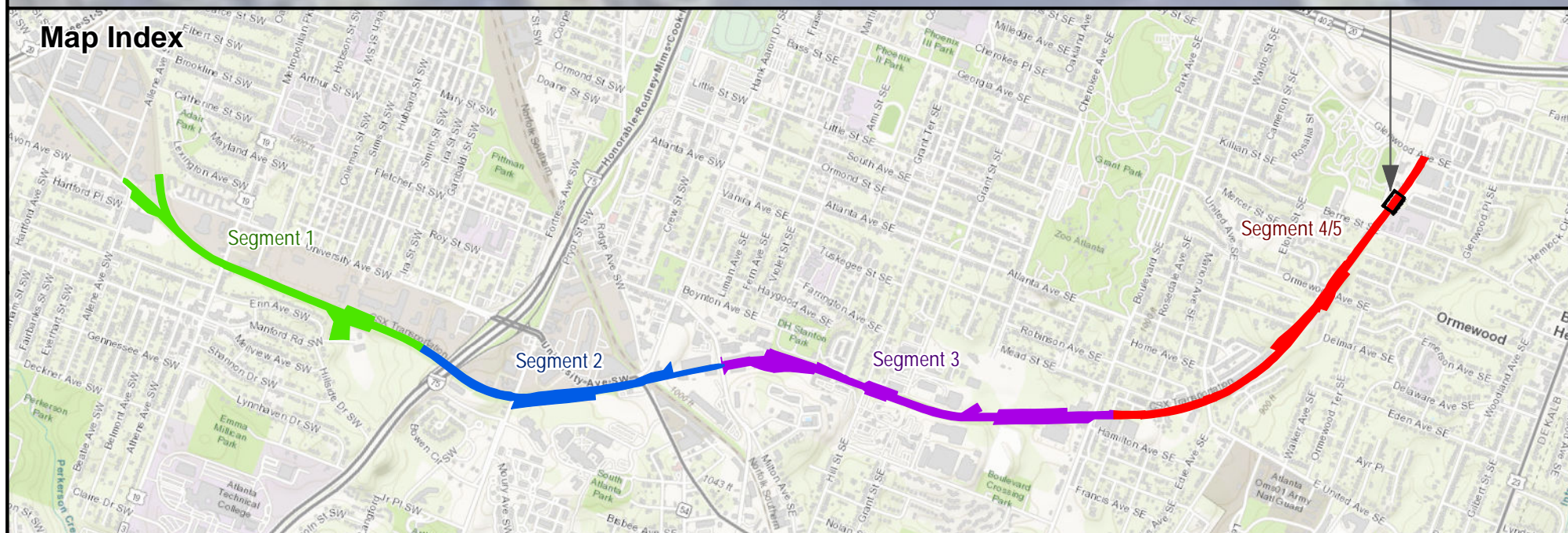
Proposed Depth of Excavation: 2.00 ft bgs

Measured Depth of Excavation (Center): 0.00 ft bgs

Utility Status: No Conflict

-  Initial Soil Boring
-  Delineation Boring
-  Proposed Remedial
-  Approx. GDOT Fiber
-  MCI/Verizon Utility
-  Segment 4-5 Boundary

Map Index



REFERENCES

ESRI ArcMap 2020, Google Earth Imagery dated March 2019, USGS, and referenced preliminary boundaries for BeltLine Segments 2-4/5 provided by Kimley-Horn dated April 30, 2020.



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MAIN EXTENT SCALE AND DIRECTION

1 inch = 25 feet



PROJECT

Atlanta BeltLine Southside Trail - Segment 4

CLIENT

Kimley-Horn / BeltLine

SHEET TITLE

Remediation Area 61

REVISION:

NA

PREPARED:

SCC

CHECKED:

BWS / RCG

DATE:

Oct 01, 2020

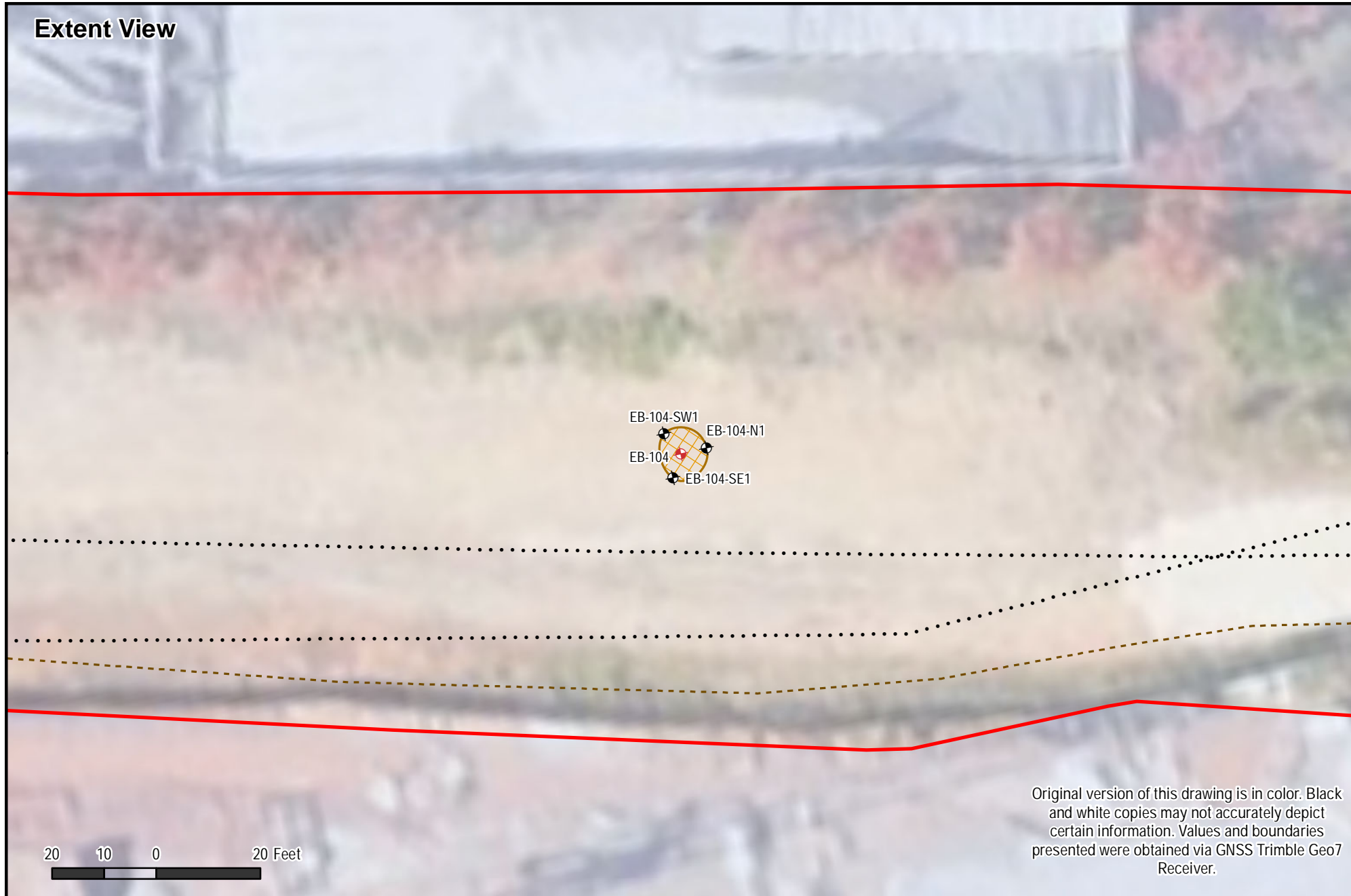
PROJECT NO.:

18-GA-01192-11/13

DRAWING NUMBER

Exhibit 61

Extent View



Remedial Photograph

Pending Remediation

Summary Notes & Legend

Estimated Cubic Yards (Proposed): 5.5 yd³







Approx. Station Number: 301+90

Constituents of Concern: Arsenic

Proposed Depth of Excavation: 2.00 ft bgs

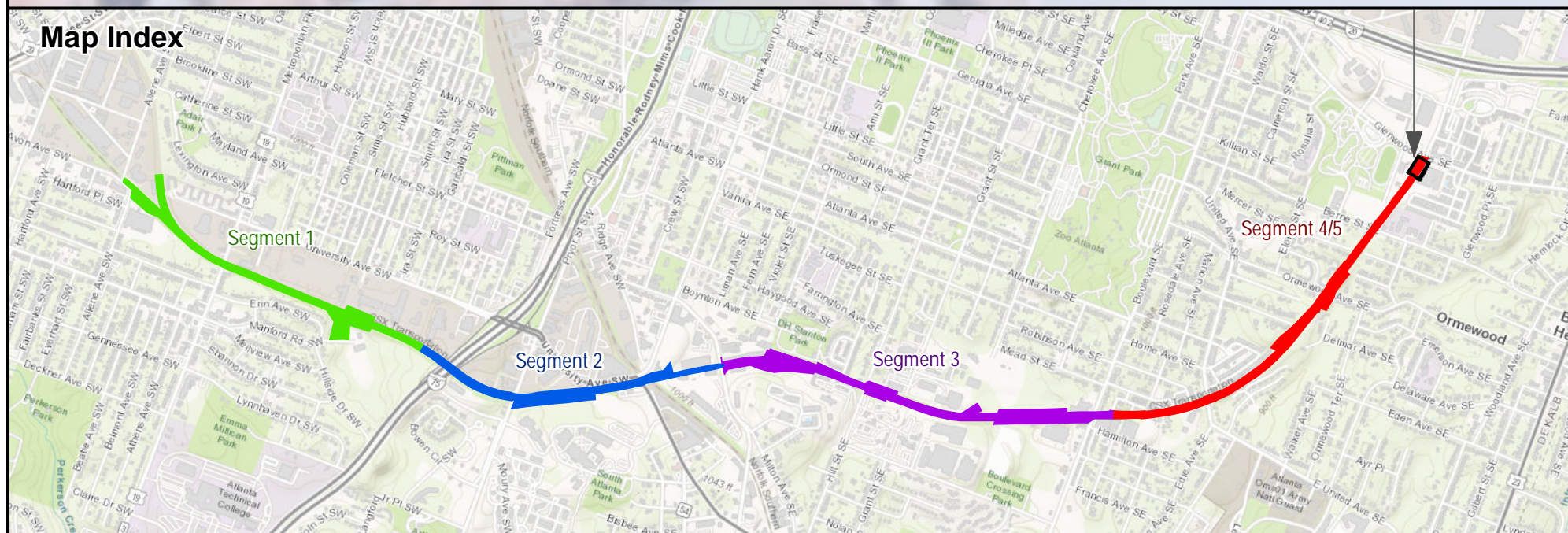
Measured Depth of Excavation (Center): 0.00 ft bgs

Utility Status: No Conflict

-  Initial Soil Boring
-  Delineation Boring
-  Proposed Remedial
-  Approx. GDOT Fiber
-  MCI/Verizon Utility
-  Segment 4-5 Boundary

Original version of this drawing is in color. Black and white copies may not accurately depict certain information. Values and boundaries presented were obtained via GNSS Trimble Geo7 Receiver.

Map Index



REFERENCES

ESRI ArcMap 2020, Google Earth Imagery dated March 2019, USGS, and referenced preliminary boundaries for BeltLine Segments 2-4/5 provided by Kimley-Horn dated April 30, 2020.



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MAIN EXTENT SCALE AND DIRECTION

1 inch = 25 feet



PROJECT

Atlanta BeltLine Southside Trail - Segment 4

CLIENT

Kimley-Horn / BeltLine

SHEET TITLE

Remediation Area 62

REVISION:

NA

PREPARED:

SCC

CHECKED:

BWS / RCG

DATE:

Oct 01, 2020

PROJECT NO.:

18-GA-01192-11/13

DRAWING NUMBER

Exhibit 62

ATTACHMENT C

Table 1 – Summary of Pre-Excavation Site Characterization Sampling Results
Table 2 – Summary of Estimated Soil Remediation Volumes Per Remediation Area
Table 3 – Remediation Cut/Fill Analysis and Approach

TABLE 1: SUMMARY OF PRE-EXCAVATION SITE CHARACTERIZATION SAMPLING RESULTS




Notes:				RCRA-Metals (mg/Kg)		VOCs (ug/Kg)	SVOCs (ug/Kg)		
	— Initial Sample with Exceedance			Arsenic	Lead	Benzene	Benzo(a)pyrene	Benzo(b)fluoranthracene	
	— Water Table								
	— Reporting Limit for Constituent								
NR	— Not Required (Analysis or Remediation)								
CSNR	— Confirmation Sample Not Required due to utility conflict								
XX-#-NW#	— Represents Sample Id, direction, and iteration								
(VALUE)	— Value in parathesis is a duplicate sample								
Proposed Elev.	— Red - Cut / Yellow - Balance / Green - Fill								
Highlighted indicates value greater than RRS				Type 3/4	38	400	500	1,640	5,000
				Type 5	63	—	—	—	—
Remediation Area 8	App. Station ID: 298+30	Sample ID	Depth	Date Collected	Atlanta BeltLine Segment 4/5				
		EB-102	0-2	6/13/2018	< 4.26	11.6	< 4.1	2100	4500
		EB-102R	2.5-3	3/6/2019	—	—	—	<380	—
		EB-102S1	0-1		—	—	—	650	—
		EB-102-N1	0-1		—	—	—	410	—
		EB-102-E1	0-1		—	—	—	1200	—
		Soil Remediation Dates:	5/6/2019	Existing Elevation:	972.50'	Proposed Elevation:	972.70'		
Remediation Area 9	App. Station ID: 300+20	Sample ID	Depth	Date Collected	Atlanta BeltLine Segment 4/5				
		EB-103	0-2	6/14/2018	26.4	733	< 8.4	770	1900
		EB-103R	2.5-3	3/6/2019	—	12.5	—	—	—
		EB-103-N1	0-2		—	129	—	—	—
		EB-103-S1	0-2		—	77.4	—	—	—
		DUP-1-NONAS	0-2		—	63.1	—	—	—
		EB-103-W1	0-2	—	45	—	—	—	
Soil Remediation Dates:	5/6/2019	Existing Elevation:	973.68'	Proposed Elevation:	973.70'				
Remediation Area 49	App. Station ID: 250+50	Sample ID	Depth	Date Collected	Atlanta BeltLine Segment 4/5				
		EB-80	1-1.5	6/7/2018	185	316	<6	<450	920
		EB-80A	3-4	7/9/2020	<2.74	—	—	—	—
		EB-80-N1	0-2		126	—	—	—	—
		EB-80-N2	0-2		<2.36	—	—	—	—
		EB-80-SE1	0-2		113	—	—	—	—
		EB-80-SE2	0-2		19.1	—	—	—	—
		EB-80-SW1	0-2		41.4	—	—	—	—
EB-80-SW2	0-2	34	—	—	—	—			
Soil Remediation Dates:	TBD	Existing Elevation:	938.00'	Proposed Elevation:	935.00'				
Remediation Area 50	App. Station ID: 252+50	Sample ID	Depth	Date Collected	Atlanta BeltLine Segment 4/5				
		EB-81	0-2	6/14/2018	100	123	<7.7	510	1200
		EB-81A	2-3	7/9/2020	176	—	—	—	—
		EB-81-N1	0-2		5.81	—	—	—	—
		DUP-17	0-2		32.4	—	—	—	—
		EB-81-SE1	0-2		2.7	—	—	—	—
		EB-81-SW1	0-2		53.6	—	—	—	—
EB-81-SW2	0-2	30.9	—	—	—	—			
Soil Remediation Dates:	TBD	Existing Elevation:	937.95'	Proposed Elevation:	937.27'				
Remediation Area 51	App. Station ID: 254+50	Sample ID	Depth	Date Collected	Atlanta BeltLine Segment 4/5				
		EB-82	0-1	6/7/2018	110	48.2	<5	<460	<460
		EB-82A	2-3	7/9/2020	43.5	—	—	—	—
		EB-82-N1	0-2		4.53	—	—	—	—
		EB-82-SW1	0-2		6.06	—	—	—	—
EB-82-SE1	0-2	6.59	—	—	—	—			
Soil Remediation Dates:	TBD	Existing Elevation:	938.00'	Proposed Elevation:	937.00'				

TABLE 1: SUMMARY OF PRE-EXCAVATION SITE CHARACTERIZATION SAMPLING RESULTS



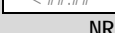
Notes:				RCRA-Metals (mg/Kg)		VOCs (ug/Kg)	SVOCs (ug/Kg)		
	Initial Sample with Exceedance			Arsenic	Lead	Benzene	Benzo(a)pyrene	Benzo(b)fluoranthracene	
	Water Table								
	Reporting Limit for Constituent								
	NR — Not Required (Analysis or Remediation)								
	CSNR — Confirmation Sample Not Required due to utility conflict								
	XX-#-NW# — Represents Sample Id, direction, and iteration								
	(VALUE) — Value in parathesis is a duplicate sample								
	Proposed Elev. — Red - Cut / Yellow - Balance / Green - Fill								
Highlighted indicates value greater than RRS				Type 3/4	38	400	500	1,640	5,000
				Type 5	63	—	—	—	—
Remediation Area 52	App. Station ID: 263+95	Sample ID	Depth	Date Collected	Atlanta BeltLine Segment 4/5				
		EB-87	1.5-2	6/6/2018	207	138	<250	<390	890
		EB-87A	3-4	7/8/2020	46.7	—	—	—	—
		EB-87-N1	0-2		301	—	—	—	—
		DUP-16	0-2		372	—	—	—	—
		EB-87-N2	0-2		159	—	—	—	—
		EB-87-SW1	0-2		163	—	—	—	—
		EB-87-SW2	0-2		150	—	—	—	—
		EB-87-SE1	0-2		23	—	—	—	—
Soil Remediation Dates:	TBD	Existing Elevation:	940.13'	Proposed Elevation:	937.99				
Remediation Area 53	App. Station ID: 266+35	Sample ID	Depth	Date Collected	Atlanta BeltLine Segment 4/5				
		EB-88	0-1	6/6/2018	84.5	57.5	<270	<490	<490
		EB-88A	3-4	7/8/2020	46.1	—	—	—	—
		EB-88-N1	0-2		25.3	—	—	—	—
		EB-88-SW1	0-2		13.9	—	—	—	—
		EB-88-SE1	0-2		4.29	—	—	—	—
Soil Remediation Dates:	TBD	Existing Elevation:	941.89'	Proposed Elevation:	941.26'				
Remediation Area 54	App. Station ID: 270+10	Sample ID	Depth	Date Collected	Atlanta BeltLine Segment 4/5				
		EB-90	0-1	6/6/2018	212	80.1	<300	<420	<420
		EB-90A	3-4	7/8/2020	<3.26	—	—	—	—
		EB-90-S1	0-2		11	—	—	—	—
		DUP-15	0-2		14.9	—	—	—	—
		EB-90-NE1	0-2		6.67	—	—	—	—
EB-90-NW1	0-2	5.76	—	—	—	—			
Soil Remediation Dates:	TBD	Existing Elevation:	943.70'	Proposed Elevation:	943.17'				
Remediation Area 55	App. Station ID: 272+95	Sample ID	Depth	Date Collected	Atlanta BeltLine Segment 4/5				
		EB-91	1-1.5	6/6/2018	217	88.2	<260	590	1900
		EB-91A	2-3	7/8/2020	110	—	—	—	—
		EB-91-N1	0-2		85.5	—	—	—	—
		EB-91-N2	0-2		285	—	—	—	—
		EB-91-SE1	0-2		143	—	—	—	—
		EB-91-SE2	0-2		29.6	—	—	—	—
		EB-91-SW1	0-2		115	—	—	—	—
EB-91-SW2	0-2	6.57	—	—	—	—			
Soil Remediation Dates:	TBD	Existing Elevation:	948.00'	Proposed Elevation:	948.00'				
Remediation Area 56	App. Station ID: 276+00	Sample ID	Depth	Date Collected	Atlanta BeltLine Segment 4/5				
		EB-92	0.5-1	6/6/2018	268	53.6	<7.3	<410	<410
		EB-92A	2-3	7/8/2020	64.3	—	—	—	—
		EB-92-N1	0-2		10.9	—	—	—	—
		DUP-14	0-2		8.28	—	—	—	—
		EB-92-SE1	0-2		33.1	—	—	—	—
EB-92-SW1	0-2	28.5	—	—	—	—			
Soil Remediation Dates:	TBD	Existing Elevation:	952.00'	Proposed Elevation:	952.00'				

TABLE 1: SUMMARY OF PRE-EXCAVATION SITE CHARACTERIZATION SAMPLING RESULTS

Notes:				RCRA-Metals (mg/Kg)		VOCs (ug/Kg)	SVOCs (ug/Kg)		
				Arsenic	Lead	Benzene	Benzo(a)pyrene	Benzo(b)fluoranthracene	
Initial Sample with Exceedance Water Table < ### Reporting Limit for Constituent NR – Not Required (Analysis or Remediation) CSNR – Confirmation Sample Not Required due to utility conflict XX-#-NW# – Represents Sample Id, direction, and iteration (VALUE) – Value in parathesis is a duplicate sample Proposed Elev. – Red - Cut / Yellow - Balance / Green - Fill									
Highlighted indicates value greater than RRS				Type 3/4	38	400	500	1,640	5,000
				Type 5	63	—	—	—	—
Remediation Area 57	App. Station ID: 278+90	Sample ID	Depth	Date Collected	Atlanta BeltLine Segment 4/5				
		EB-93	1-1.5	6/6/2018	384	126	< 8.0	< 440	1200
		EB-93A	2-3	7/8/2020	3.74	—	—	—	—
		EB-93-N1	0-2		4.43	—	—	—	—
		EB-93-SW1	0-2		5.6	—	—	—	—
		EB-93-SE1	0-2		26	—	—	—	—
		Soil Remediation Dates:	TBD	Existing Elevation:	952.00'	Proposed Elevation:	953.79'		
Remediation Area 58	App. Station ID: 285+95	Sample ID	Depth	Date Collected	Atlanta BeltLine Segment 4/5				
		EB-96	0-1	6/7/2018	49	140	< 190	< 360	390
		EB-96A	2-3	7/8/2020	9.59	—	—	—	—
		EB-96-N1	0-2	7/8/2020	99.1	—	—	—	—
		DUP-13	0-2		120	—	—	—	—
		EB-96-N2	0-2		87.7	—	—	—	—
		EB-96-SW1	0-2		10.3	—	—	—	—
EB-96-SE1	0-2	3.58	—	—	—	—			
Soil Remediation Dates:	TBD	Existing Elevation:	960.00'	Proposed Elevation:	956.78'				
Remediation Area 59	App. Station ID: 287+90	Sample ID	Depth	Date Collected	Atlanta BeltLine Segment 4/5				
		EB-97	0-0.5	6/7/2018	169	107	< 340	< 420	500
		EB-97A	2-3	7/8/2020	85.3	—	—	—	—
		EB-97-N1	0-2		102	—	—	—	—
		EB-97-N2	0-2		<2.28	—	—	—	—
		EB-97-SE1	0-2		74.2	—	—	—	—
		EB-97-SE2	0-2		47.5	—	—	—	—
EB-97-SW1	0-2	81.9	—		—	—	—		
EB-97-SW2	0-2	47	—	—	—	—			
Soil Remediation Dates:	TBD	Existing Elevation:	962.00'	Proposed Elevation:	960.66'				
Remediation Area 60	App. Station ID: 290+15	Sample ID	Depth	Date Collected	Atlanta BeltLine Segment 4/5				
		EB-98	0-1	6/7/2018	61.7	38.6	< 310	< 450	770
		EB-98A	3-4	7/8/2020	48.7	—	—	—	—
		EB-98-N1	0-2		34.1	—	—	—	—
		DUP-11	0-2		109	—	—	—	—
		EB-98-SW1	0-2		46.5	—	—	—	—
		EB-98-SW2	0-2		28.6	—	—	—	—
EB-98-SE1	0-2	79.7	—		—	—	—		
DUP-12	0-2	109	—	—	—	—			
EB-98-SE2	0-2	12.3	—	—	—	—			
Soil Remediation Dates:	TBD	Existing Elevation:	964.00'	Proposed Elevation:	964.20'				

TABLE 1: SUMMARY OF PRE-EXCAVATION SITE CHARACTERIZATION SAMPLING RESULTS

Notes:				RCRA-Metals (mg/Kg)		VOCs (ug/Kg)	SVOCs (ug/Kg)			
				Arsenic	Lead	Benzene	Benzo(a)pyrene	Benzo(b)fluoranthracene		
<div style="display: flex; flex-direction: column; gap: 5px;"> <div style="display: flex; align-items: center;"> <div style="width: 20px; height: 10px; background-color: #d9ead3; border: 1px solid black; margin-right: 5px;"></div> — Initial Sample with Exceedance </div> <div style="display: flex; align-items: center;"> <div style="width: 20px; height: 10px; background-color: #d9ead3; border: 1px solid black; margin-right: 5px;"></div> — Water Table </div> <div style="display: flex; align-items: center;"> <div style="width: 20px; height: 10px; background-color: #d9ead3; border: 1px solid black; margin-right: 5px;"></div> < ###.## — Reporting Limit for Constituent </div> <div style="display: flex; align-items: center;"> NR — Not Required (Analysis or Remediation) </div> <div style="display: flex; align-items: center;"> CSNR — Confirmation Sample Not Required due to utility conflict </div> <div style="display: flex; align-items: center;"> XX-#-NW# — Represents Sample Id, direction, and iteration </div> <div style="display: flex; align-items: center;"> (VALUE) — Value in parathesis is a duplicate sample </div> <div style="display: flex; align-items: center;"> Proposed Elev. — Red - Cut / Yellow - Balance / Green - Fill </div> </div>				Type 3/4		38	400	500	1,640	5,000
Highlighted indicates value greater than RRS				Type 5		63	—	—	—	
Remediation Area 61	App. Station ID: 296+10	Sample ID	Depth	Date Collected	Atlanta BeltLine Segment 4/5					
		EB-101	0-2	6/13/2018	59.4	46.2	< 5.0	1100	2900	
		DUP-6	0-2		—	—	< 5.4	870	2300	
		EB-101A	2-3	7/8/2020	40.7	—	—	—	—	
		EB-101-N1	0-2		144	—	—	—	—	
		EB-101-N2	0-2		16.9	—	—	—	—	
		EB-101-SE1	0-2		122	—	—	—	—	
		EB-101-SE2	0-2		97.8	—	—	—	—	
		EB-101-SW1	0-2		8.37	—	—	—	—	
		Soil Remediation Dates:		TBD	Existing Elevation:		969.00'	Proposed Elevation:		968.00'
Remediation Area 62	App. Station ID: 301+90	Sample ID	Depth	Date Collected	Atlanta BeltLine Segment 4/5					
		EB-104	0-2	6/13/2018	102	302	< 5.7	610	1600	
		EB-104A	2-3	7/8/2020	< 1.73	—	—	—	—	
		EB-104-N1	0-2		33.6	—	—	—	—	
		EB-104-SE1	0-2		27.3	—	—	—	—	
		EB-104-SW1	0-2		31.5	—	—	—	—	
Soil Remediation Dates:		TBD	Existing Elevation:		975.49'	Proposed Elevation:		973.40'		

General Notes:

Station Numbers, distances, and elevations are approximate

Elevations were determined using nearest schematic shown on plans relative to Station Numbers

Elevations of proposed fill, insufficient fill (for the required soil cap), and cut are respectively highlighted in green, yellow, and red

Table 2 - Summary of Estimated Soil Remediation Volumes Per Remediation Area

Remediation Area	Segment	Sample ID	Constituents ¹	Delineated Area (sq. ft.)	Added Area Following Removal of Conflicted Utilities (sqft.)*	Remediation Depth (ft)	Actual Remediated Depth (ft)	Cubic Feet (ft ³)	Cubic Yards (yd ³)	Tons [^]	w/20% Contingency
8	4	EB-102	B[a]P	34	Conflict not being removed	2.5	2.5	85	3	-	-
9	4	EB-103	Pb	79	NA	1.0	2.25	196	3	-	-
49	4	EB-80	As	230	NA	3.0	TBD	690	25.6	38	46
50	4	EB-81	As	136	Conflict not being removed ²	2.0	Utility Conflict ²				
51	4	EB-82	As	32	Conflict not being removed	2.0	TBD	64	2.4	4	4
52	4	EB-87	As	330	Conflict not being removed	3.5	TBD	1155	42.8	64	77
53	4	EB-88	As	16	Conflict not being removed	2.0	TBD	32	1.2	2	2
54	4	EB-90	As	35	Conflict not being removed ²	2.0	Utility Conflict ²				
55	4	EB-91	As	345	Conflict not being removed	1.0	TBD	345	12.8	19	23
56	4	EB-92	As	68	NA	1.0	TBD	68	2.5	4	5
57	4	EB-93	As	72	NA	Fill	Fill Reportedly Required - No Planned Remediation				
58	4	EB-96	As	107	Conflict not being removed	2.0	TBD	214	7.9	12	14
59	4	EB-97	As	638	NA	2.5	TBD	1595	59.1	89	106
60	4	EB-98	As	168	NA	1.0	TBD	168	6.2	9	11
61	4	EB-101	As	328	NA	2.0	TBD	656	24.3	36	44
62	4	EB-104	As	74	NA	2.0	TBD	148	5.5	8	10
Totals:									190.2	285	342

Notes:

[^], Using a 1.50 tons/cu.yd. Multiplier

Assumes vertical excavation sidewalls with no setbacks or benching

TBD - To Be Determined; Remediation is pending

1 - Constituents Key:

As — Arsenic

B[a]P — Benzo(a)pyrene

B[b]F — Benzo(b)fluoranthene

Pb — Lead

2 - Utility removal unknown at this time; Entire Remedial Area in conflict with Utility

3 - Remediation previously conducted

* Applies to non-arsenic constituents. NA means not applicable, as additional arsenic removal is not required due to the Type 5 RRS approach

Table 3 - Remediation Cut/Fill Analysis and Approach

Location	Segment	Remediation Area	Station Number ¹	Centerline Distance ¹ (ft)	Side of Cross Section ¹	Approx. Excavation Cross-sectional Width ¹ (ft)	Existing Elevation ¹ (ft amsl)	Proposed Elevation ¹ (ft amsl)	Difference in Elevation (ft)	Difference in Elevation with Required Cap ² (ft)	Depth to Clean Sample (ft)	Required Excavation Depth (ft)	Cut or Fill ²
EB-102	4	8	298+30	46	Right	12	972.50	972.70	0.20	-0.80	2.50	-2.50	Cut
EB-103	4	9	300+20	5	Right	12	973.68	973.70	0.02	-0.98	2.50	-1.00*	Cut
EB-80	4	49	250+50	10	Right	20	938.00	935.00	-3.00	-4.00	3.00	-3.00	Cut
EB-81	4	50	252+50	1	Left	12	937.95	937.27	-0.68	-1.68	NVD	-2.00	Cut
EB-82	4	51	254+50	39	Right	12	938.00	937.00	-1.00	-2.00	NVD	-2.00	Cut
EB-87	4	52	263+95	8	Right	20	940.13	937.99	-2.14	-3.14	NVD	-3.50	Cut
EB-88	4	53	266+35	10	Left	15	941.89	941.26	-0.63	-1.63	NVD	-2.00	Cut
EB-90	4	54	270+10	4	Right	15	943.70	943.17	-0.53	-1.53	3.00	-2.00	Cut
EB-91	4	55	272+95	42	Right	25	948.00	948.00	0.00	-1.00	NVD	-1.00	Cut
EB-92	4	56	276+00	10	Right	12	952.00	952.00	0.00	-1.00	NVD	-1.00	Cut
EB-93	4	57	278+90	32	Right	20	952.00	953.79	1.79	2.79	2.00	0.00	Fill
EB-96	4	58	285+95	45	Right	12	960.00	956.78	-3.22	-4.22	2.00	-2.00	Cut
EB-97	4	59	287+90	10	Right	30	962.00	960.66	-1.34	-2.34	NVD	-2.50	Cut
EB-98	4	60	290+15	3	Right	20	964.00	964.20	0.20	-0.80	NVD	-1.00	Cut
EB-101	4	61	296+10	1	Right	30	969.00	968.00	-1.00	-2.00	NVD	-2.00	Cut
EB-104	4	62	301+90	26	Right	10	975.49	973.40	-2.09	-3.09	2.00	-2.00	Cut

NVD - Not Vertically Delineated (for arsenic)

*Non-Arsenic excavation advanced to 2.5 ft bgs

¹Based on plans currently-available plans as provided by Kimley Horn

²Previous Non-Arsenic Remediation Areas (with no further corrective action required) are not highlighted

ATTACHMENT D

Boring Logs



ENVIRONMENTAL BORING LOG

Boring ID : EB-102

CLIENT: Atlanta Beltline, Inc.	SITE LOCATION: Atlanta Beltline Southside Trail	
PROJECT NAME: Atlanta Beltline - Southside Trail	WATER LEVEL - IMMEDIATE: N/A	
PROJECT NUMBER: 17-GA-01192-02	DRILLING METHOD/TYPE: Hand Auger	SAMPLING METHOD: Hand Auger
LOGGED BY: Jay Fagan & Brandon Sharp	DATE DRILLED: 6/14/2018	BORING DEPTH: 3 ft bgs
DRILLING CONTRACTOR AND EQUIP: United Consulting	X COORDINATE/LAT (ft): -84.358586997963	Y COORDINATE/LONG (ft): 33.738287530177

DEPTH BELOW GROUND SURFACE (ft)	WATER LEVEL	LITHOLOGY		SAMPLES				NOTES
		LITHOLOGIC SYMBOL	GEOLOGIC DESCRIPTION OF SOIL AND ROCK STRATA	DEPTH (Ft)	RECOVERY (%)	SAMPLE	OVM READING (PPM)	
0		[Symbol]	Brown to light brown SAND; trace silt (Fill)	0			0	Moist @ 1 to 3 ft bgs
		[Symbol]	; trace track ballast and gravel	0.4				
		[Symbol]		1.0	100	EB-102 (0-2)	0	
		[Symbol]		2.0				
		[Symbol]		2.4	100		0	
		[Symbol]		2.8				
		[Symbol]	Hand auger terminated @ 3 ft bgs; moist	3.2				
		[Symbol]		3.6				
		[Symbol]		4.0				
		[Symbol]		4.4				
		[Symbol]		4.8				
5		[Symbol]		5.2				
		[Symbol]		5.6				

Notes :
ft bgs is feet below ground surface

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



ENVIRONMENTAL BORING LOG

Boring ID : EB-103

CLIENT: Atlanta Beltline, Inc.	SITE LOCATION: Atlanta Beltline Southside Trail	
PROJECT NAME: Atlanta Beltline - Southside Trail	WATER LEVEL - IMMEDIATE: N/A	
PROJECT NUMBER: 17-GA-01192-02	DRILLING METHOD/TYPE: Hand Auger	SAMPLING METHOD: Hand Auger
LOGGED BY: Jay Fagan & Brandon Sharp	DATE DRILLED: 6/14/2018	BORING DEPTH: 3 ft bgs
DRILLING CONTRACTOR AND EQUIP: United Consulting	X COORDINATE/LAT (ft): -84.35856970808	Y COORDINATE/LONG (ft): 33.738819014893

DEPTH BELOW GROUND SURFACE (ft)	WATER LEVEL	LITHOLOGY		SAMPLES					NOTES
		LITHOLOGIC SYMBOL	GEOLOGIC DESCRIPTION OF SOIL AND ROCK STRATA	DEPTH (ft)	RECOVERY (%)	SAMPLE	OVM READING (PPM)	DEPTH (ft)	
0			Black to dark brown silty SAND; crushed slag	0				0	
				0.4					
				0.8					
				1.0	100	EB-103 (0-2)	0		
				1.2					
				1.6					
				2.0					
				2.4	100		0		
				2.8					
			Hand auger terminated @ 3 ft bgs; dry	3.2					
				3.6					
				4.0					
				4.4					
				4.8					
5				5.2				5	
				5.6					

Notes :
ft bgs is feet below ground surface

OVM = Organic Vapor Meter
BGS = Below Ground Surface
TOD = Time of Drilling
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ENVIRONMENTAL BORING LOG

Boring ID : EB-80

CLIENT: Atlanta Beltline, Inc.	SITE LOCATION: Atlanta Beltline Southside Trail	
PROJECT NAME: Atlanta Beltline - Southside Trail	WATER LEVEL - IMMEDIATE: N/A	
PROJECT NUMBER: 17-GA-01192-02	DRILLING METHOD/TYPE: Hand Auger	SAMPLING METHOD: Hand Auger
LOGGED BY: Jay Fagan & Brandon Sharp	DATE DRILLED: 6/7/2018	BORING DEPTH: 2 ft bgs
DRILLING CONTRACTOR AND EQUIP: United Consulting	X COORDINATE/LAT (ft): -84.365924993436	Y COORDINATE/LONG (ft): 33.727075950283

DEPTH BELOW GROUND SURFACE (ft)	WATER LEVEL	LITHOLOGY		SAMPLES					NOTES
		LITHOLOGIC SYMBOL	GEOLOGIC DESCRIPTION OF SOIL AND ROCK STRATA	DEPTH (ft)	RECOVERY (%)	SAMPLE	OVM READING (PPM)	DEPTH (ft)	
0		6" Track ballast		0				0	
		Black to dark grey SAND; trace rock fragments (Fill)		0.4					
		; orangish brown		0.8	100		0		
		Hand auger terminated @ 2 ft bgs; dry		1.2					
				1.6					
				2					
				2.4					
				2.8					
				3.2					
				3.6					
				4					
				4.4					
				4.8					
5				5.2				5	
				5.6					

Notes :
ft bgs is feet below ground surface

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



ENVIRONMENTAL BORING LOG

Boring ID : EB-81

CLIENT: Atlanta Beltline, Inc.	SITE LOCATION: Atlanta Beltline Southside Trail	
PROJECT NAME: Atlanta Beltline - Southside Trail	WATER LEVEL - IMMEDIATE: N/A	
PROJECT NUMBER: 17-GA-01192-02	DRILLING METHOD/TYPE: Hand Auger	SAMPLING METHOD: Hand Auger
LOGGED BY: Jay Fagan & Brandon Sharp	DATE DRILLED: 6/14/2018	BORING DEPTH: 3 ft bgs
DRILLING CONTRACTOR AND EQUIP: United Consulting	X COORDINATE/LAT (ft): -84.365353548405	Y COORDINATE/LONG (ft): 33.727386456587

DEPTH BELOW GROUND SURFACE (ft)	WATER LEVEL	LITHOLOGY		SAMPLES				NOTES
		LITHOLOGIC SYMBOL	GEOLOGIC DESCRIPTION OF SOIL AND ROCK STRATA	DEPTH (ft)	RECOVERY (%)	SAMPLE	OVM READING (PPM)	
0		[Symbol]	Brown to light brown sandy clayey SILT (Fill)	0			0	Saturated @ 2 ft bgs
		[Symbol]	Black silty SAND; crushed slag	0.4				
		[Symbol]		0.8	100	EB-81 (0-2)	0	
		[Symbol]		1.2				
		[Symbol]		1.6				
		[Symbol]		2				
		[Symbol]		2.4	100		0	
		[Symbol]		2.8				
		[Symbol]	Hand auger terminated @ 3 ft bgs; saturated	3.2				
		[Symbol]		3.6				
		[Symbol]		4				
		[Symbol]		4.4				
		[Symbol]		4.8				
5		[Symbol]		5.2			5	
		[Symbol]		5.6				

Notes :
ft bgs is feet below ground surface

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



ENVIRONMENTAL BORING LOG

Boring ID : EB-82

CLIENT: Atlanta Beltline, Inc.	SITE LOCATION: Atlanta Beltline Southside Trail	
PROJECT NAME: Atlanta Beltline - Southside Trail	WATER LEVEL - IMMEDIATE: N/A	
PROJECT NUMBER: 17-GA-01192-02	DRILLING METHOD/TYPE: Hand Auger	SAMPLING METHOD: Hand Auger
LOGGED BY: Jay Fagan & Brandon Sharp	DATE DRILLED: 6/7/2018	BORING DEPTH: 3 ft bgs
DRILLING CONTRACTOR AND EQUIP: United Consulting	X COORDINATE/LAT (ft): -84.364743029566	Y COORDINATE/LONG (ft): 33.727603638969

DEPTH BELOW GROUND SURFACE (ft)	WATER LEVEL	LITHOLOGY		SAMPLES					NOTES
		LITHOLOGIC SYMBOL	GEOLOGIC DESCRIPTION OF SOIL AND ROCK STRATA	DEPTH (Ft)	RECOVERY (%)	SAMPLE	OVM READING (PPM)	DEPTH (Ft)	
0			Orangish brown SAND; some silt; trace clay and coal (Fill)	0				0	
				0.4					
				0.8					
				1.0	100	EB-82 (0-2)	0.8		
				1.2					
				1.6					
				2.0					
			Orangish brown SILT; some sand; trace clay and mica (Residual)	2.4	100		22.9		
				2.8					
				3.2					
			Hand auger terminated @ 3 ft bgs; dry	3.6					
				4.0					
				4.4					
				4.8					
5				5.2				5	
				5.6					

Notes :
ft bgs is feet below ground surface

OVM = Organic Vapor Meter
BGS = Below Ground Surface
TOD = Time of Drilling
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ENVIRONMENTAL BORING LOG

Boring ID : EB-87

CLIENT: Atlanta Beltline, Inc.	SITE LOCATION: Atlanta Beltline Southside Trail	
PROJECT NAME: Atlanta Beltline - Southside Trail	WATER LEVEL - IMMEDIATE: N/A	
PROJECT NUMBER: 17-GA-01192-02	DRILLING METHOD/TYPE: Hand Auger	SAMPLING METHOD: Hand Auger
LOGGED BY: Jay Fagan & Brandon Sharp	DATE DRILLED: 6/6/2018	BORING DEPTH: 3 ft bgs
DRILLING CONTRACTOR AND EQUIP: United Consulting	X COORDINATE/LAT (ft): -84.362529333206	Y COORDINATE/LONG (ft): 33.7294534052

DEPTH BELOW GROUND SURFACE (ft)	WATER LEVEL	LITHOLOGY		SAMPLES					NOTES
		LITHOLOGIC SYMBOL	GEOLOGIC DESCRIPTION OF SOIL AND ROCK STRATA	DEPTH (Ft)	RECOVERY (%)	SAMPLE	OVM READING (PPM)	DEPTH (Ft)	
0			10" Track ballast / GAB	0				0	
			Black to dark grey SAND; trace to same silt; trace rock fragment (Fill)	0.8	100	EB-87 (0-2)	0.8	0.8	
			Orangish brown SILT; trace to some sand and clay; trace mica	2.4	100		0.1		
			Hand auger terminated @ 3 ft bgs; dry	3.2					
5				5.6				5	

Notes :
ft bgs is feet below ground surface

OVM = Organic Vapor Meter
BGS = Below Ground Surface
TOD = Time of Drilling
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ENVIRONMENTAL BORING LOG

Boring ID : EB-88

CLIENT: Atlanta Beltline, Inc.	SITE LOCATION: Atlanta Beltline Southside Trail	
PROJECT NAME: Atlanta Beltline - Southside Trail	WATER LEVEL - IMMEDIATE: N/A	
PROJECT NUMBER: 17-GA-01192-02	DRILLING METHOD/TYPE: Hand Auger	SAMPLING METHOD: Hand Auger
LOGGED BY: Jay Fagan & Brandon Sharp	DATE DRILLED: 6/6/2018	BORING DEPTH: 3 ft bgs
DRILLING CONTRACTOR AND EQUIP: United Consulting	X COORDINATE/LAT (ft): -84.362140697464	Y COORDINATE/LONG (ft): 33.730040569091

DEPTH BELOW GROUND SURFACE (ft)	WATER LEVEL	LITHOLOGY		SAMPLES					NOTES
		LITHOLOGIC SYMBOL	GEOLOGIC DESCRIPTION OF SOIL AND ROCK STRATA	DEPTH (ft)	RECOVERY (%)	SAMPLE	OVM READING (PPM)	DEPTH (ft)	
0			Dark brown SILT; some sand and clay; trace mica (Fill)	0				0	
				0.4					
				0.8					
				1.2	100	EB-88 (0-2)	0		
			Dark reddish brown SILT; some sand; trace clay (Residual)	1.6					
				2					
				2.4	100		0		
				2.8					
			Hand auger terminated @ 3 ft bgs; dry	3.2					
				3.6					
				4					
				4.4					
				4.8					
5				5.2				5	
				5.6					

Notes :
ft bgs is feet below ground surface

OVM = Organic Vapor Meter
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TOD = Time of Drilling
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ENVIRONMENTAL BORING LOG

Boring ID : EB-88

CLIENT: Atlanta Beltline, Inc.	SITE LOCATION: Atlanta Beltline Southside Trail	
PROJECT NAME: Atlanta Beltline - Southside Trail	WATER LEVEL - IMMEDIATE: N/A	
PROJECT NUMBER: 17-GA-01192-02	DRILLING METHOD/TYPE: Hand Auger	SAMPLING METHOD: Hand Auger
LOGGED BY: Jay Fagan & Brandon Sharp	DATE DRILLED: 6/6/2018	BORING DEPTH: 3 ft bgs
DRILLING CONTRACTOR AND EQUIP: United Consulting	X COORDINATE/LAT (ft): -84.362140697464	Y COORDINATE/LONG (ft): 33.730040569091

DEPTH BELOW GROUND SURFACE (ft)	WATER LEVEL	LITHOLOGY		SAMPLES					NOTES
		LITHOLOGIC SYMBOL	GEOLOGIC DESCRIPTION OF SOIL AND ROCK STRATA	DEPTH (ft)	RECOVERY (%)	SAMPLE	OVM READING (PPM)	DEPTH (ft)	
0			Dark brown SILT; some sand and clay; trace mica (Fill)	0				0	
				0.4					
				0.8					
				1.2	100	EB-88 (0-2)	0		
			Dark reddish brown SILT; some sand; trace clay (Residual)	1.6					
				2					
				2.4	100		0		
				2.8					
			Hand auger terminated @ 3 ft bgs; dry	3.2					
				3.6					
				4					
				4.4					
				4.8					
5				5.2				5	
				5.6					

Notes :
ft bgs is feet below ground surface

OVM = Organic Vapor Meter
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TOD = Time of Drilling
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ENVIRONMENTAL BORING LOG

Boring ID : EB-91

CLIENT: Atlanta Beltline, Inc.	SITE LOCATION: Atlanta Beltline Southside Trail	
PROJECT NAME: Atlanta Beltline - Southside Trail	WATER LEVEL - IMMEDIATE: N/A	
PROJECT NUMBER: 17-GA-01192-02	DRILLING METHOD/TYPE: Hand Auger	SAMPLING METHOD: Hand Auger
LOGGED BY: Jay Fagan & Brandon Sharp	DATE DRILLED: 6/6/2018	BORING DEPTH: 3.5 ft bgs
DRILLING CONTRACTOR AND EQUIP: United Consulting	X COORDINATE/LAT (ft): -84.361063009478	Y COORDINATE/LONG (ft): 33.731617689198

DEPTH BELOW GROUND SURFACE (ft)	WATER LEVEL	LITHOLOGY		SAMPLES					NOTES
		LITHOLOGIC SYMBOL	GEOLOGIC DESCRIPTION OF SOIL AND ROCK STRATA	DEPTH (Ft)	RECOVERY (%)	SAMPLE	OVM READING (PPM)	DEPTH (Ft)	
0		[Symbol]	10" Track ballast	0				0	
		[Symbol]	Black to dark grey SAND; some rock fragments; trace mica (Fill)	0.8	100	EB-91 (0-2)	0		
		[Symbol]	Orangish brown SILT; some sand; trace clay and mica (Residual)	2.8	100		0		
			Hand auger terminated @ 3.5 ft bgs; dry	3.6					
5				5.6				5	

Notes :
ft bgs is feet below ground surface

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TOD = Time of Drilling
H:/Strater Boring Logs/



ENVIRONMENTAL BORING LOG

Boring ID : EB-92

CLIENT: Atlanta Beltline, Inc.	SITE LOCATION: Atlanta Beltline Southside Trail	
PROJECT NAME: Atlanta Beltline - Southside Trail	WATER LEVEL - IMMEDIATE: N/A	
PROJECT NUMBER: 17-GA-01192-02	DRILLING METHOD/TYPE: Hand Auger	SAMPLING METHOD: Hand Auger
LOGGED BY: Jay Fagan & Brandon Sharp	DATE DRILLED: 6/6/2018	BORING DEPTH: 2 ft bgs
DRILLING CONTRACTOR AND EQUIP: United Consulting	X COORDINATE/LAT (ft): -84.360787008068	Y COORDINATE/LONG (ft): 33.732444192417

DEPTH BELOW GROUND SURFACE (ft)	WATER LEVEL	LITHOLOGY		SAMPLES				NOTES	
		LITHOLOGIC SYMBOL	GEOLOGIC DESCRIPTION OF SOIL AND ROCK STRATA	DEPTH (Ft)	RECOVERY (%)	SAMPLE	OVM READING (PPM)		DEPTH (Ft)
0			Orangish brown SAND; trace silt; some rock fragments (Fill)	0				0	
			Black to dark grey SAND; some rock fragments	0.4					
				0.8					
				1.2	100		0		
				1.6					
			Hand auger terminated @ 2 ft bgs; dry	2					
				2.4					
				2.8					
				3.2					
				3.6					
				4					
				4.4					
				4.8					
5				5.2					5
				5.6					

Notes :
ft bgs is feet below ground surface

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TOD = Time of Drilling
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ENVIRONMENTAL BORING LOG

Boring ID : EB-93

CLIENT: Atlanta Beltline, Inc.	SITE LOCATION: Atlanta Beltline Southside Trail	
PROJECT NAME: Atlanta Beltline - Southside Trail	WATER LEVEL - IMMEDIATE: N/A	
PROJECT NUMBER: 17-GA-01192-02	DRILLING METHOD/TYPE: Hand Auger	SAMPLING METHOD: Hand Auger
LOGGED BY: Jay Fagan & Brandon Sharp	DATE DRILLED: 6/6/2018	BORING DEPTH: 3.5 ft bgs
DRILLING CONTRACTOR AND EQUIP: United Consulting	X COORDINATE/LAT (ft): -84.36042033809	Y COORDINATE/LONG (ft): 33.733187258876

DEPTH BELOW GROUND SURFACE (ft)	WATER LEVEL	LITHOLOGY		SAMPLES				NOTES	
		LITHOLOGIC SYMBOL	GEOLOGIC DESCRIPTION OF SOIL AND ROCK STRATA	DEPTH (Ft)	RECOVERY (%)	SAMPLE	OVM READING (PPM)		DEPTH (Ft)
0			10" Track ballast	0				0	
			Black to dark grey SAND; trace silt; some rock fragements (Fill)	0.8	100	EB-93 (0-2)	0.2		
			; orange; trace silt	2.8	100		0		
			Hand auger terminated @ 3.5 ft bgs; dry	3.6					
5				5.6				5	

Notes :
ft bgs is feet below ground surface

OVM = Organic Vapor Meter
BGS = Below Ground Surface
TOD = Time of Drilling
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ENVIRONMENTAL BORING LOG

Boring ID : EB-96

CLIENT: Atlanta Beltline, Inc.	SITE LOCATION: Atlanta Beltline Southside Trail	
PROJECT NAME: Atlanta Beltline - Southside Trail	WATER LEVEL - IMMEDIATE: N/A	
PROJECT NUMBER: 17-GA-01192-02	DRILLING METHOD/TYPE: Hand Auger	SAMPLING METHOD: Hand Auger
LOGGED BY: Jay Fagan & Brandon Sharp	DATE DRILLED: 6/7/2018	BORING DEPTH: 3 ft bgs
DRILLING CONTRACTOR AND EQUIP: United Consulting	X COORDINATE/LAT (ft): -84.3597140392	Y COORDINATE/LONG (ft): 33.735037819758

DEPTH BELOW GROUND SURFACE (ft)	WATER LEVEL	LITHOLOGY		SAMPLES					NOTES
		LITHOLOGIC SYMBOL	GEOLOGIC DESCRIPTION OF SOIL AND ROCK STRATA	DEPTH (Ft)	RECOVERY (%)	SAMPLE	OVM READING (PPM)	DEPTH (Ft)	
0		[Symbol]	Dark brown SAND; trace silt; some rock fragments (Fill)	0				0	
		[Symbol]	; brown; some silt	100		EB-96 (0-2)	0.9		
		[Symbol]		100			0		
		[Symbol]	Hand auger refusal @ 3 ft bgs; dry						
5								5	

Notes :
ft bgs is feet below ground surface

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BGS = Below Ground Surface
TOD = Time of Drilling
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ENVIRONMENTAL BORING LOG

Boring ID : EB-97

CLIENT: Atlanta Beltline, Inc.	SITE LOCATION: Atlanta Beltline Southside Trail	
PROJECT NAME: Atlanta Beltline - Southside Trail	WATER LEVEL - IMMEDIATE: N/A	
PROJECT NUMBER: 17-GA-01192-02	DRILLING METHOD/TYPE: Hand Auger	SAMPLING METHOD: Hand Auger
LOGGED BY: Jay Fagan & Brandon Sharp	DATE DRILLED: 6/7/2018	BORING DEPTH: 1.5 ft bgs
DRILLING CONTRACTOR AND EQUIP: United Consulting	X COORDINATE/LAT (ft): -84.359647898372	Y COORDINATE/LONG (ft): 33.735552566228

DEPTH BELOW GROUND SURFACE (ft)	WATER LEVEL	LITHOLOGY		SAMPLES					NOTES
		LITHOLOGIC SYMBOL	GEOLOGIC DESCRIPTION OF SOIL AND ROCK STRATA	DEPTH (Ft)	RECOVERY (%)	SAMPLE	OVM READING (PPM)	DEPTH (Ft)	
0			Black to dark brown SAND; trace silt; some rock fragments (Fill)	0				0	
			; orange	0.4					
				0.8	100		0.1		
				1.2					
			Hand auger refusal @ 1.5 ft bgs; dry	1.6					
				2					
				2.4					
				2.8					
				3.2					
				3.6					
				4					
				4.4					
				4.8					
5				5.2				5	
				5.6					

Notes :
ft bgs is feet below ground surface

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TOD = Time of Drilling
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ENVIRONMENTAL BORING LOG

Boring ID : EB-98

CLIENT: Atlanta Beltline, Inc.	SITE LOCATION: Atlanta Beltline Southside Trail	
PROJECT NAME: Atlanta Beltline - Southside Trail	WATER LEVEL - IMMEDIATE: N/A	
PROJECT NUMBER: 17-GA-01192-02	DRILLING METHOD/TYPE: Hand Auger	SAMPLING METHOD: Hand Auger
LOGGED BY: Jay Fagan & Brandon Sharp	DATE DRILLED: 6/7/2018	BORING DEPTH: 1 ft bgs
DRILLING CONTRACTOR AND EQUIP: United Consulting	X COORDINATE/LAT (ft): -84.359446390581	Y COORDINATE/LONG (ft): 33.736149852631

DEPTH BELOW GROUND SURFACE (ft)	WATER LEVEL	LITHOLOGY		SAMPLES					NOTES
		LITHOLOGIC SYMBOL	GEOLOGIC DESCRIPTION OF SOIL AND ROCK STRATA	DEPTH (Ft)	RECOVERY (%)	SAMPLE	OVM READING (PPM)	DEPTH (Ft)	
0			Dark brown SAND; trace silt; some rock fragments (Fill)	0				0	
				0.4	100		4.3		
				0.8					
			Hand auger refusal @ 1 ft bgs; dry	1.2					
				1.6					
				2					
				2.4					
				2.8					
				3.2					
				3.6					
				4					
				4.4					
				4.8					
5				5.2				5	
				5.6					

Notes :
ft bgs is feet below ground surface

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BGS = Below Ground Surface
TOD = Time of Drilling
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ENVIRONMENTAL BORING LOG

Boring ID : EB-101

CLIENT: Atlanta Beltline, Inc.	SITE LOCATION: Atlanta Beltline Southside Trail	
PROJECT NAME: Atlanta Beltline - Southside Trail	WATER LEVEL - IMMEDIATE: N/A	
PROJECT NUMBER: 17-GA-01192-02	DRILLING METHOD/TYPE: Hand Auger	SAMPLING METHOD: Hand Auger
LOGGED BY: Jay Fagan & Brandon Sharp	DATE DRILLED: 6/14/2018	BORING DEPTH: 3 ft bgs
DRILLING CONTRACTOR AND EQUIP: United Consulting	X COORDINATE/LAT (ft): -84.358918433867	Y COORDINATE/LONG (ft): 33.737737002384

DEPTH BELOW GROUND SURFACE (ft)	WATER LEVEL	LITHOLOGY		SAMPLES					NOTES
		LITHOLOGIC SYMBOL	GEOLOGIC DESCRIPTION OF SOIL AND ROCK STRATA	DEPTH (ft)	RECOVERY (%)	SAMPLE	OVM READING (PPM)	DEPTH (ft)	
0			Black to dark brown silty SAND (Fill)	0				0	
				0.4					
				0.8					
				1.0	100	EB-101 (0-2)	0		
				1.2					
				1.6					
			Orangish brown to reddish brown silty CLAY; trace sand	2					
				2.4	100		0		
				2.8					
			Hand auger terminated @ 3 ft bgs; dry	3.2					
				3.6					
				4					
				4.4					
				4.8					
5				5.2				5	
				5.6					

Notes :
ft bgs is feet below ground surface

OVM = Organic Vapor Meter
BGS = Below Ground Surface
TOD = Time of Drilling
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ENVIRONMENTAL BORING LOG

Boring ID : EB-104

CLIENT: Atlanta Beltline, Inc.	SITE LOCATION: Atlanta Beltline Southside Trail	
PROJECT NAME: Atlanta Beltline - Southside Trail	WATER LEVEL - IMMEDIATE: N/A	
PROJECT NUMBER: 17-GA-01192-02	DRILLING METHOD/TYPE: Hand Auger	SAMPLING METHOD: Hand Auger
LOGGED BY: Jay Fagan & Brandon Sharp	DATE DRILLED: 6/14/2018	BORING DEPTH: 3 ft bgs
DRILLING CONTRACTOR AND EQUIP: United Consulting	X COORDINATE/LAT (ft): -84.358372881832	Y COORDINATE/LONG (ft): 33.739265248088

DEPTH BELOW GROUND SURFACE (ft)	WATER LEVEL	LITHOLOGY		SAMPLES					NOTES
		LITHOLOGIC SYMBOL	GEOLOGIC DESCRIPTION OF SOIL AND ROCK STRATA	DEPTH (Ft)	RECOVERY (%)	SAMPLE	OVM READING (PPM)	DEPTH (Ft)	
0		6" Track ballast		0				0	
		Dark brown sandy SILT; trace clay; trace track ballast (Fill)		0.4					
		Dark brown sandy SILT; trace clay; trace track ballast (Fill)		0.8					
		Dark brown sandy SILT; trace clay; trace track ballast (Fill)		1.2	100	EB-104 (0-2)	0		
		Dark brown sandy SILT; trace clay; trace track ballast (Fill)		1.6					
		Dark brown sandy SILT; trace clay; trace track ballast (Fill)		2.0					
		Dark brown sandy SILT; trace clay; trace track ballast (Fill)		2.4					
		Dark brown sandy SILT; trace clay; trace track ballast (Fill)		2.8	100		0		
		Dark brown sandy SILT; trace clay; trace track ballast (Fill)		3.2					
		Dark brown sandy SILT; trace clay; trace track ballast (Fill)		3.6					
		Dark brown sandy SILT; trace clay; trace track ballast (Fill)		4.0					
		Dark brown sandy SILT; trace clay; trace track ballast (Fill)		4.4					
		Dark brown sandy SILT; trace clay; trace track ballast (Fill)		4.8					
5		Dark brown sandy SILT; trace clay; trace track ballast (Fill)		5.2				5	
		Dark brown sandy SILT; trace clay; trace track ballast (Fill)		5.6					
		Dark brown sandy SILT; trace clay; trace track ballast (Fill)		6.0					

Notes :
ft bgs is feet below ground surface

OVM = Organic Vapor Meter
BGS = Below Ground Surface
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ATTACHMENT E

Laboratory Analytical Testing Reports



ANALYTICAL ENVIRONMENTAL SERVICES, INC.

July 23, 2020

Spencer Cox
United Consulting Group Inc.

625 Holcomb Bridge Rd
Norcross GA 30071

RE: Atlanta Beltline

Dear Spencer Cox:

Order No: 2007C91

Analytical Environmental Services, Inc. received 63 samples on 7/14/2020 12:22:00 PM for the analyses presented in following report.

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

AES's accreditations are as follows:

-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 07/01/19-06/30/20.

State of Georgia, Department of Natural Resources ID #800 for analysis of Drinking Water Metals, effective through 06/30/20 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 11/01/21.

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 Parkway, Atlanta GA 30340-3704
 TEL: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 2007C91

Date: 7/14/20 Page 1 of 3

COMPANY:		ADDRESS:			ANALYSIS REQUESTED							REMARKS		No # of Containers				
UNITED CONSULTING		625 HOLCOMB BRIDGE ROAD NORCROSS, GEORGIA 30071 770-209-0029 FAX: 770-582-2900			Arsenic	Benzo(a)Pyrene	Benzene	VOCs	SVOCS	PCRA-8 Metals	TCLP	HOLD	Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.					
PHONE:		FAX:			PRESERVATION (See codes)							REMARKS	No # of Containers					
770-842-8956		770-582-2900																
SAMPLED BY:		SIGNATURE:			#	SAMPLE ID	DATE	TIME	Grab	Composite	Matrix (See codes)							
Spencer Cox																		
1	EB-104-N1(0-2)	7/9/2020	938A	/														
2	EB-104-N2(0-2)		939	/														
3	EB-104-SE1(0-2)		941	/														
4	EB-104-SE2(0-2)		945	/														
5	EB-104-SW1(0-2)		948	/														
6	EB-104-SW2(0-2)		952	/														
7	EB-104A(2-3)		1009	/														
8	EB-101-N1(0-2)		1009	/														
9	EB-101-N2(0-2)		1011	/														
10	EB-101-SE1(0-2)		1014	/														
11	EB-101-SE2(0-2)		1016	/														
12	EB-101-SW1(0-2)		1017	/														
13	EB-101-SW2(0-2)		109	/														
14	EB-101A(2-3)		1020	/														
15	EB-98-N1(0-2)		1030	/														
16	EB-98-N2(0-2)		1032	/														
17	EB-98-SW1(0-2)		1034	/														
18	EB-98-SW2(0-2)		1038	/														
19	EB-98-SE1(0-2)		1040	/														
20	EB-98-SE2(0-2)		1041	/														
21	EB-98A(3-4)		1044	/														
22	EB-98-DUP11		1045	/														
23	EB-97-N1(0-2)		1050	/														
24	EB-97-N2(0-2)		1053	/														
25	EB-97-SE1(0-2)		1055	/														
26	EB-97-SE2(0-2)		1056	/														
27	EB-97-SW1(0-2)		1058	/														
28	EB-97-SW2(0-2)		1110	/														
29	EB-97A(2-3)		1115A	/														
30	EB-96-N1(0-2)		1126	/														
31	EB-96-N2(0-2)		1130	/														
32	EB-96-SW1(0-2)		1132	/														
33	EB-96-SW2(0-2)		1138	/														
34	EB-96-SE1(0-2)		1140	/														
35	EB-96-SE2(0-2)	7/8/20	1144	/														

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME	PROJECT INFORMATION	RECEIPT	
1: Spencer Cox	7-14-20 11:50A	1: Christian Scott	7-14-20 11:50AM	PROJECT NAME: Atlanta Beltline	Total # of Containers: 35	
2: Christian Scott	7-14-20 12:22	2: [Signature]	7/14/20 12:22	PROJECT #: 20-GA-01192-11, -12, -13	Turnaround Time Request: <input checked="" type="radio"/> Standard 5 Business Days <input type="radio"/> 2 Business Day Rush <input type="radio"/> Next Business Day Rush <input type="radio"/> Same Day Rush (auth req.) <input type="radio"/> Other ___ 4 Day Turn	
SPECIAL INSTRUCTIONS/COMMENTS: SEGMENT 4/5				SHIPMENT METHOD: OUT: / / VIA: IN: / / VIA: <input checked="" type="radio"/> CLIENT <input type="radio"/> FedEx <input type="radio"/> UPS <input type="radio"/> MAIL <input type="radio"/> COURIER <input type="radio"/> GREYHOUND <input type="radio"/> OTHER	INVOICE TO: (IF DIFFERENT FROM ABOVE) Spencer Cox	STATE PROGRAM (if any): E-mail? Y/N; Fax? Y/N
				PO# 8363	DATA PACKAGE: I II III IV	



ANALYTICAL ENVIRONMENTAL SERVICES, INC
3080 Presidential Parkway, Atlanta GA 30340-3704
TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 2007091

Date: 7/14/20 Page 2 of 3

COMPANY:		ADDRESS:		ANALYSIS REQUESTED							Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.	No # of Containers	
UNITED CONSULTING		625 HOLCOMB BRIDGE ROAD NORCROSS, GEORGIA 30071 770-209-0029 FAX: 770-582-2900		Asenisc	Benzo(a)Pyrene	Benzene	VOCs	SVOCs	RCRA-8 Metals	TCLP			HOLD
PHONE: 770-842-8956	FAX: 770-582-2900	SIGNATURE: <i>[Signature]</i>		PRESERVATION (See codes)									REMARKS
#	SAMPLE ID	DATE	TIME	Grab	Composite	Matrix (See codes)							
1	EB-910-DUP13	7/8/20	1145	/	/	So	X						
2	EB-910A(2-3)		1146A	/	/		X						
3	EB-98-DUP12		1149A	/	/		X						
4	EB-93-N1(0-2)		1152A	/	/		X						
5	EB-93-N2(0-2)		1156A	/	/		X				X		
6	EB-93-SW1(0-2)		1204p	/	/		X				X		
7	EB-93-SW2(0-2)		1210P	/	/		X				X		
8	EB-93-SE1(0-2)		1214p	/	/		X				X		
9	EB-93-SE2(0-2)		1218P	/	/		X				X		
10	EB-93A(2-3)		1220P	/	/		X						
11	EB-92-N1(0-2)		1224P	/	/		X						
12	EB-92-N2(0-2)		1228	/	/		X				X		
13	EB-92-SE1(0-2)		1230	/	/		X						
14	EB-92-SE2(0-2)		1234	/	/		X				X		
15	EB-92-SW1(0-2)		1240	/	/		X				X		
16	EB-92-SW2(0-2)		1255	/	/		X				X		
17	EB-92A(2-3)		1258	/	/		X						
18	EB-92-DUP14		1310P	/	/		X						
19	EB-91-N1(0-2)		1312	/	/		X						
20	EB-91-N2(0-2)		1314	/	/		X				X		
21	EB-91-SE1(0-2)		1318	/	/		X						
22	EB-91-SE2(0-2)		1320	/	/		X				X		
23	EB-91-SW1(0-2)		1321	/	/		X				X		
24	EB-91-SW2(0-2)		1322	/	/		X				X		
25	EB-91A(2-3)		1322	/	/		X						
26	EB-90-NE1(0-2)		1324	/	/		X				X		
27	EB-90-NE2(0-2)		1326	/	/		X				X		
28	EB-90-NW1(0-2)		1328	/	/		X						
29	EB-90-NW2(0-2)		1329	/	/		X				X		
30	EB-90-S1(0-2)		1329	/	/		X				X		
31	EB-90-S2(0-2)		1330	/	/		X				X		
32	EB-90A(3-4)		1330	/	/		X						
33	EB-90-DUP15		1331	/	/		X						
34	EB-87-N1(0-2)		1332	/	/		X						
35	EB-87-N2(0-2)	7/8/20	1333	/	/	So	X				X		

RELINQUISHED BY: <i>[Signature]</i> DATE/TIME: 7-14-20 11:50 AM	RECEIVED BY: <i>[Signature]</i> DATE/TIME: 7-14-20 11:50 AM	PROJECT INFORMATION	RECEIPT
PROJECT NAME: Atlanta Beltline		PROJECT #: 20-GA-01192-11, -12, -13	Total # of Containers: 35
SITE ADDRESS: Atlanta		SEND REPORT TO: Spencer Cox	Turnaround Time Request: <input checked="" type="radio"/> Standard 5 Business Days <input type="radio"/> 2 Business Day Rush <input type="radio"/> Next Business Day Rush <input type="radio"/> Same Day Rush (auth req.) <input type="radio"/> Other ___ 4 Day Turn
SPECIAL INSTRUCTIONS/COMMENTS: SEGMENT 4/5		INVOICE TO: (IF DIFFERENT FROM ABOVE)	STATE PROGRAM (if any):
SHIPMENT METHOD: OUT / / IN / / CLIENT FedEx UPS MAIL COURIER GREYHOUND OTHER		PO# 8363	E-mail? Y/N; Fax? Y/N DATA PACKAGE: I II III IV



ANALYTICAL ENVIRONMENTAL SERVICES, INC
 3080 Presidential Parkway, Atlanta GA 30340-3704
 TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 2007091

Date: 7/14/20 Page 3 of 3

COMPANY:		ADDRESS:			ANALYSIS REQUESTED								REMARKS	No # of Containers
UNITED CONSULTING		625 HOLCOMB BRIDGE ROAD NORCROSS, GEORGIA 30071 770-209-0029 FAX: 770-582-2900			Arsenic	Benzo(a)Pyrene	Benzene	VOCs	SVOCs	RORA-8 Metals	TCLP	HOLD		
PHONE:		FAX:			PRESERVATION (See codes)								REMARKS	No # of Containers
770-842-8956		770-582-2900												
SAMPLED BY:		SIGNATURE:											REMARKS	No # of Containers
Spencer Cox														
#	SAMPLE ID	DATE	TIME	Grab	Composite	Matrix (See codes)						REMARKS	No # of Containers	
1	EB-87-SW1 (0-2)	7/8/20	1341	/	/	So	X							
2	EB-87-SW2 (0-2)		1343	/	/		X					X		1
3	EB-87-SE1 (0-2)		1346	/	/		X							1
4	EB-87-SE2 (0-2)		1350	/	/		X					X		1
5	EB-87A(3-4)		1352	/	/		X							1
6	EB-87-DUP116		1354	/	/		X							1
7	EB-88-N1 (0-2)		1356	/	/		X							1
8	EB-88-N2 (0-2)		1410	/	/		X					X		1
9	EB-88-SW1 (0-2)		1422	/	/		X							1
10	EB-88-SW2 (0-2)		1423	/	/		X					X		1
11	EB-88-SE1 (0-2)		1426	/	/		X							1
12	EB-88-SE2 (0-2)		1431	/	/		X					X		1
13	EB-88A(3-4)	7/8/20	1433	/	/		X							1
14	EB-82-N1 (0-2)	7/9/20	1010	/	/		X							1
15	EB-82-N2 (0-2)		1012	/	/		X					X		1
16	EB-82-SW1 (0-2)		1014	/	/		X							1
17	EB-82-SW2 (0-2)		1016	/	/		X					X		1
18	EB-82-SE1 (0-2)		1017	/	/		X							1
19	EB-82-SE2 (0-2)		1020	/	/		X					X		1
20	EB-82A(2-3)		1021	/	/		X							1
21	EB-81-N1 (0-2)		1027	/	/		X							1
22	EB-81-N2 (0-2)		1028	/	/		X					X		1
23	EB-81-SE1 (0-2)		1029	/	/		X							1
24	EB-81-SE2 (0-2)		1031	/	/		X					X		1
25	EB-81-SW1 (0-2)		1034	/	/		X							1
26	EB-81-SW2 (0-2)		1036	/	/		X					X		1
27	EB-81A(2-3)		1038	/	/		X							1
28	EB-81-DUP19		1039	/	/		X							1
29	EB-80-N1 (0-2)		1040	/	/		X							1
30	EB-80-N2 (0-2)		1040	/	/		X					X		1
31	EB-80-SE1 (0-2)		1041	/	/		X							1
32	EB-80-SE2 (0-2)		1041	/	/		X					X		1
33	EB-80-SW1 (0-2)		1042	/	/		X							1
34	EB-80-SW2 (0-2)		1042	/	/		X					X		1
35	EB-80A(3-4)	7/9/20	1042	/	/	So	X							1

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME	PROJECT INFORMATION	RECEIPT
1: Spencer Cox	7/14/20 11:50A	1: Christian Seath	7-14-20 11:50 AM	PROJECT NAME: Atlanta Beltline	Total # of Containers: 35
2: Christian Seath	7-14-20 12:22	2: [Signature]	12:22 7/14	PROJECT #: 20-GA-01192-11, -12, -13	<input checked="" type="checkbox"/> Turnaround Time Request <input type="checkbox"/> Standard 5 Business Days <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 4 Day Turn
SPECIAL INSTRUCTIONS/COMMENTS:				SEND REPORT TO: Spencer Cox	STATE PROGRAM (if any):
SEGMENT 4/5				INVOICE TO: (IF DIFFERENT FROM ABOVE)	E-mail? Y/N; Fax? Y/N
SHIPMENT METHOD				PO# 8363	DATA PACKAGE: I II III IV
OUT / / VIA: IN / / VIA: CLIENT FedEx UPS MAIL COURIER GREYHOUND OTHER					

Client: United Consulting Group Inc.	Client Sample ID: EB-104-N1(0-2)
Project Name: Atlanta Beltline	Collection Date: 7/8/2020 9:38:00 AM
Lab ID: 2007C91-001	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	33.6	2.67		mg/Kg-dry	300047	1	07/20/2020 16:02	KB
PERCENT MOISTURE D2216								
Percent Moisture	17.6	0		wt%	R430202	1	07/16/2020 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: EB-104-SE1 (0-2)
Project Name: Atlanta Beltline	Collection Date: 7/8/2020 9:41:00 AM
Lab ID: 2007C91-003	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	27.3	2.58		mg/Kg-dry	300047	1	07/20/2020 16:04	KB
PERCENT MOISTURE D2216								
Percent Moisture	15.6	0		wt%	R430202	1	07/16/2020 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: EB-104-SW1 (0-2)
Project Name: Atlanta Beltline	Collection Date: 7/8/2020 9:48:00 AM
Lab ID: 2007C91-005	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	31.5	1.68		mg/Kg-dry	300047	1	07/20/2020 16:07	KB
PERCENT MOISTURE D2216								
Percent Moisture	6.86	0		wt%	R430202	1	07/16/2020 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: EB-104A (2-3)
Project Name: Atlanta Beltline	Collection Date: 7/8/2020 10:09:00 AM
Lab ID: 2007C91-007	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	BRL	1.73		mg/Kg-dry	300047	1	07/20/2020 15:51	KB
PERCENT MOISTURE D2216								
Percent Moisture	6.96	0		wt%	R430202	1	07/16/2020 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: EB-101-N1 (0-2)
Project Name: Atlanta Beltline	Collection Date: 7/8/2020 10:09:00 AM
Lab ID: 2007C91-008	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	144	2.25		mg/Kg-dry	300047	1	07/20/2020 16:09	KB
PERCENT MOISTURE D2216								
Percent Moisture	30.3	0		wt%	R430202	1	07/16/2020 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: EB-101-SE1 (0-2)
Project Name: Atlanta Beltline	Collection Date: 7/8/2020 10:14:00 AM
Lab ID: 2007C91-010	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	122	1.96		mg/Kg-dry	300047	1	07/20/2020 16:16	KB
PERCENT MOISTURE D2216								
Percent Moisture	19.8	0		wt%	R430202	1	07/16/2020 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: EB-101-SW1 (0-2)
Project Name: Atlanta Beltline	Collection Date: 7/8/2020 10:17:00 AM
Lab ID: 2007C91-012	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	8.37	2.90		mg/Kg-dry	300047	1	07/20/2020 16:18	KB
PERCENT MOISTURE D2216								
Percent Moisture	25.0	0		wt%	R430202	1	07/16/2020 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: EB-101A (2-3)
Project Name: Atlanta Beltline	Collection Date: 7/8/2020 10:20:00 AM
Lab ID: 2007C91-014	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	40.7	2.75		mg/Kg-dry	300047	1	07/20/2020 16:21	KB
PERCENT MOISTURE D2216								
Percent Moisture	26.1	0		wt%	R430202	1	07/16/2020 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: EB-98-N1 (0-2)
Project Name: Atlanta Beltline	Collection Date: 7/8/2020 10:30:00 AM
Lab ID: 2007C91-015	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	34.1	2.45		mg/Kg-dry	300047	1	07/20/2020 16:23	KB
PERCENT MOISTURE D2216								
Percent Moisture	16.6	0		wt%	R430202	1	07/16/2020 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: EB-98-SW1 (0-2)
Project Name: Atlanta Beltline	Collection Date: 7/8/2020 10:34:00 AM
Lab ID: 2007C91-017	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	46.5	2.21		mg/Kg-dry	300047	1	07/20/2020 16:25	KB
PERCENT MOISTURE D2216								
Percent Moisture	19.6	0		wt%	R430202	1	07/16/2020 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: EB-98-SE1 (0-2)
Project Name: Atlanta Beltline	Collection Date: 7/8/2020 10:40:00 AM
Lab ID: 2007C91-019	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	79.7	2.82		mg/Kg-dry	300047	1	07/20/2020 16:27	KB
PERCENT MOISTURE D2216								
Percent Moisture	25.2	0		wt%	R430202	1	07/16/2020 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: EB-98A (3-4)
Project Name: Atlanta Beltline	Collection Date: 7/8/2020 10:44:00 AM
Lab ID: 2007C91-021	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	48.7	1.77		mg/Kg-dry	300047	1	07/20/2020 16:30	KB
PERCENT MOISTURE D2216								
Percent Moisture	21.7	0		wt%	R430202	1	07/16/2020 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: EB-98-DUP11
Project Name: Atlanta Beltline	Collection Date: 7/8/2020 10:45:00 AM
Lab ID: 2007C91-022	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	109	1.86		mg/Kg-dry	300047	1	07/20/2020 16:32	KB
PERCENT MOISTURE D2216								
Percent Moisture	14.8	0		wt%	R430202	1	07/16/2020 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: EB-97-N1 (0-2)
Project Name: Atlanta Beltline	Collection Date: 7/8/2020 10:50:00 AM
Lab ID: 2007C91-023	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	102	2.31		mg/Kg-dry	300047	1	07/20/2020 16:34	KB
PERCENT MOISTURE D2216								
Percent Moisture	27.2	0		wt%	R430202	1	07/16/2020 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: EB-97-SE1 (0-2)
Project Name: Atlanta Beltline	Collection Date: 7/8/2020 10:55:00 AM
Lab ID: 2007C91-025	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	74.2	2.87		mg/Kg-dry	300047	1	07/20/2020 16:36	KB
PERCENT MOISTURE D2216								
Percent Moisture	21.6	0		wt%	R430202	1	07/16/2020 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: EB-97-SW1 (0-2)
Project Name: Atlanta Beltline	Collection Date: 7/8/2020 10:58:00 AM
Lab ID: 2007C91-027	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	81.9	2.79		mg/Kg-dry	300047	1	07/20/2020 16:43	KB
PERCENT MOISTURE D2216								
Percent Moisture	22.7	0		wt%	R430202	1	07/16/2020 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: EB-97A (2-3)
Project Name: Atlanta Beltline	Collection Date: 7/8/2020 11:15:00 AM
Lab ID: 2007C91-029	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	85.3	2.16		mg/Kg-dry	300047	1	07/20/2020 16:46	KB
PERCENT MOISTURE D2216								
Percent Moisture	10.8	0		wt%	R430202	1	07/16/2020 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: EB-96-N1 (0-2)
Project Name: Atlanta Beltline	Collection Date: 7/8/2020 11:26:00 AM
Lab ID: 2007C91-030	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	99.1	1.94		mg/Kg-dry	300047	1	07/20/2020 16:48	KB
PERCENT MOISTURE D2216								
Percent Moisture	21.6	0		wt%	R430202	1	07/16/2020 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: EB-96-SW1 (0-2)
Project Name: Atlanta Beltline	Collection Date: 7/8/2020 11:32:00 AM
Lab ID: 2007C91-032	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	10.3	2.10		mg/Kg-dry	300047	1	07/20/2020 16:50	KB
PERCENT MOISTURE D2216								
Percent Moisture	15.8	0		wt%	R430202	1	07/16/2020 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: EB-96-SE1 (0-2)
Project Name: Atlanta Beltline	Collection Date: 7/8/2020 11:40:00 AM
Lab ID: 2007C91-034	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	3.58	1.57		mg/Kg-dry	300047	1	07/20/2020 16:52	KB
PERCENT MOISTURE D2216								
Percent Moisture	4.46	0		wt%	R430202	1	07/16/2020 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: EB-96-DUP13
Project Name: Atlanta Beltline	Collection Date: 7/8/2020 11:45:00 AM
Lab ID: 2007C91-036	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	120	2.92		mg/Kg-dry	300048	1	07/21/2020 07:05	AJ
PERCENT MOISTURE D2216								
Percent Moisture	24.4	0		wt%	R430202	1	07/16/2020 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: EB-96A (2-3)
Project Name: Atlanta Beltline	Collection Date: 7/8/2020 11:46:00 AM
Lab ID: 2007C91-037	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	9.59	2.12		mg/Kg-dry	300048	1	07/21/2020 06:53	AJ
PERCENT MOISTURE D2216								
Percent Moisture	5.10	0		wt%	R430202	1	07/16/2020 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: EB-98-DUP12
Project Name: Atlanta Beltline	Collection Date: 7/8/2020 11:49:00 AM
Lab ID: 2007C91-038	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	109	2.07		mg/Kg-dry	300048	1	07/21/2020 07:07	AJ
PERCENT MOISTURE D2216								
Percent Moisture	24.6	0		wt%	R430202	1	07/16/2020 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: EB-93-N1 (0-2)
Project Name: Atlanta Beltline	Collection Date: 7/8/2020 11:52:00 AM
Lab ID: 2007C91-039	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	4.43	2.41		mg/Kg-dry	300048	1	07/21/2020 07:10	AJ
PERCENT MOISTURE D2216								
Percent Moisture	4.06	0		wt%	R430202	1	07/16/2020 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: EB-93-SW1 (0-2)
Project Name: Atlanta Beltline	Collection Date: 7/8/2020 12:04:00 PM
Lab ID: 2007C91-041	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	5.60	2.51		mg/Kg-dry	300048	1	07/21/2020 07:17	AJ
PERCENT MOISTURE D2216								
Percent Moisture	7.12	0		wt%	R430202	1	07/16/2020 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: EB-93-SE1 (0-2)
Project Name: Atlanta Beltline	Collection Date: 7/8/2020 12:14:00 PM
Lab ID: 2007C91-043	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	26.0	1.91		mg/Kg-dry	300048	1	07/21/2020 07:19	AJ
PERCENT MOISTURE D2216								
Percent Moisture	6.34	0		wt%	R430202	1	07/16/2020 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: EB-93A (2-3)
Project Name: Atlanta Beltline	Collection Date: 7/8/2020 12:20:00 PM
Lab ID: 2007C91-045	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	3.74	1.96		mg/Kg-dry	300048	1	07/21/2020 07:21	AJ
PERCENT MOISTURE D2216								
Percent Moisture	5.22	0		wt%	R430202	1	07/16/2020 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: EB-92-N1 (0-2)
Project Name: Atlanta Beltline	Collection Date: 7/8/2020 12:24:00 PM
Lab ID: 2007C91-046	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	10.9	2.54		mg/Kg-dry	300048	1	07/21/2020 07:24	AJ
PERCENT MOISTURE D2216								
Percent Moisture	14.9	0		wt%	R430202	1	07/16/2020 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: EB-92-SE1 (0-2)
Project Name: Atlanta Beltline	Collection Date: 7/8/2020 12:30:00 PM
Lab ID: 2007C91-048	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	33.1	2.71		mg/Kg-dry	300048	1	07/21/2020 07:26	AJ
PERCENT MOISTURE D2216								
Percent Moisture	19.7	0		wt%	R430202	1	07/16/2020 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: EB-92-SW1 (0-2)
Project Name: Atlanta Beltline	Collection Date: 7/8/2020 12:40:00 PM
Lab ID: 2007C91-050	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	28.5	2.70		mg/Kg-dry	300048	1	07/21/2020 07:29	AJ
PERCENT MOISTURE D2216								
Percent Moisture	23.0	0		wt%	R430202	1	07/16/2020 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: EB-92A (2-3)
Project Name: Atlanta Beltline	Collection Date: 7/8/2020 12:58:00 PM
Lab ID: 2007C91-052	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	64.3	2.49		mg/Kg-dry	300048	1	07/21/2020 07:31	AJ
PERCENT MOISTURE D2216								
Percent Moisture	18.7	0		wt%	R430202	1	07/16/2020 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: EB-92-DUP14
Project Name: Atlanta Beltline	Collection Date: 7/8/2020 1:10:00 PM
Lab ID: 2007C91-053	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	8.28	2.58		mg/Kg-dry	300048	1	07/21/2020 07:33	AJ
PERCENT MOISTURE D2216								
Percent Moisture	15.0	0		wt%	R430202	1	07/16/2020 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: EB-91-N1 (0-2)
Project Name: Atlanta Beltline	Collection Date: 7/8/2020 1:12:00 PM
Lab ID: 2007C91-054	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	85.5	2.22		mg/Kg-dry	300048	1	07/21/2020 07:36	AJ
PERCENT MOISTURE D2216								
Percent Moisture	28.6	0		wt%	R430202	1	07/16/2020 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: EB-91-SE1 (0-2)
Project Name: Atlanta Beltline	Collection Date: 7/8/2020 1:18:00 PM
Lab ID: 2007C91-056	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	143	3.60		mg/Kg-dry	300048	1	07/21/2020 07:38	AJ
PERCENT MOISTURE D2216								
Percent Moisture	32.3	0		wt%	R430202	1	07/16/2020 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: EB-91-SW1 (0-2)
Project Name: Atlanta Beltline	Collection Date: 7/8/2020 1:21:00 PM
Lab ID: 2007C91-058	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	115	3.94		mg/Kg-dry	300048	1	07/21/2020 07:45	AJ
PERCENT MOISTURE D2216								
Percent Moisture	37.8	0		wt%	R430202	1	07/16/2020 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: EB-91A (2-3)
Project Name: Atlanta Beltline	Collection Date: 7/8/2020 1:22:00 PM
Lab ID: 2007C91-060	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	110	2.33		mg/Kg-dry	300048	1	07/21/2020 07:47	AJ
PERCENT MOISTURE D2216								
Percent Moisture	14.8	0		wt%	R430202	1	07/16/2020 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: EB-90-NE1 (0-2)
Project Name: Atlanta Beltline	Collection Date: 7/8/2020 1:24:00 PM
Lab ID: 2007C91-061	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	6.67	2.50		mg/Kg-dry	300048	1	07/21/2020 07:50	AJ
PERCENT MOISTURE D2216								
Percent Moisture	21.6	0		wt%	R430202	1	07/16/2020 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: EB-90-NW1 (0-2)
Project Name: Atlanta Beltline	Collection Date: 7/8/2020 1:28:00 PM
Lab ID: 2007C91-063	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	5.76	2.65		mg/Kg-dry	300048	1	07/21/2020 07:52	AJ
PERCENT MOISTURE D2216								
Percent Moisture	19.6	0		wt%	R430202	1	07/16/2020 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: EB-90-S1 (0-2)
Project Name: Atlanta Beltline	Collection Date: 7/8/2020 1:29:00 PM
Lab ID: 2007C91-065	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	11.0	2.71		mg/Kg-dry	300048	1	07/21/2020 07:54	AJ
PERCENT MOISTURE D2216								
Percent Moisture	16.6	0		wt%	R430202	1	07/16/2020 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: EB-90A (3-4)
Project Name: Atlanta Beltline	Collection Date: 7/8/2020 1:30:00 PM
Lab ID: 2007C91-067	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	BRL	3.26		mg/Kg-dry	300048	1	07/21/2020 07:57	AJ
PERCENT MOISTURE D2216								
Percent Moisture	23.4	0		wt%	R430202	1	07/16/2020 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: EB-90-DUP15
Project Name: Atlanta Beltline	Collection Date: 7/8/2020 1:31:00 PM
Lab ID: 2007C91-068	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	14.9	2.36		mg/Kg-dry	300049	1	07/20/2020 19:10	KB
PERCENT MOISTURE D2216								
Percent Moisture	17.2	0		wt%	R430202	1	07/16/2020 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: EB-87-N1 (0-2)
Project Name: Atlanta Beltline	Collection Date: 7/8/2020 1:32:00 PM
Lab ID: 2007C91-069	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	301	2.64		mg/Kg-dry	300049	1	07/20/2020 19:13	KB
PERCENT MOISTURE D2216								
Percent Moisture	18.7	0		wt%	R430202	1	07/16/2020 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: EB-87-SW1 (0-2)
Project Name: Atlanta Beltline	Collection Date: 7/8/2020 1:41:00 PM
Lab ID: 2007C91-071	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	163	2.79		mg/Kg-dry	300049	1	07/20/2020 19:15	KB
PERCENT MOISTURE D2216								
Percent Moisture	21.9	0		wt%	R430202	1	07/16/2020 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: EB-87-SE1 (0-2)
Project Name: Atlanta Beltline	Collection Date: 7/8/2020 1:46:00 PM
Lab ID: 2007C91-073	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	23.0	3.38		mg/Kg-dry	300049	1	07/20/2020 19:17	KB
PERCENT MOISTURE D2216								
Percent Moisture	40.6	0		wt%	R430202	1	07/16/2020 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: EB-87A (3-4)
Project Name: Atlanta Beltline	Collection Date: 7/8/2020 1:52:00 PM
Lab ID: 2007C91-075	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	46.7	2.64		mg/Kg-dry	300049	1	07/20/2020 19:19	KB
PERCENT MOISTURE D2216								
Percent Moisture	32.8	0		wt%	R430202	1	07/16/2020 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: EB-87-DUP16
Project Name: Atlanta Beltline	Collection Date: 7/8/2020 1:54:00 PM
Lab ID: 2007C91-076	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	372	2.41		mg/Kg-dry	300049	1	07/20/2020 19:21	KB
PERCENT MOISTURE D2216								
Percent Moisture	17.9	0		wt%	R430202	1	07/16/2020 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: EB-88-N1 (0-2)
Project Name: Atlanta Beltline	Collection Date: 7/8/2020 1:56:00 PM
Lab ID: 2007C91-077	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	25.3	2.47		mg/Kg-dry	300049	1	07/20/2020 19:24	KB
PERCENT MOISTURE D2216								
Percent Moisture	25.0	0		wt%	R430202	1	07/16/2020 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: EB-88-SW1 (0-2)
Project Name: Atlanta Beltline	Collection Date: 7/8/2020 2:22:00 PM
Lab ID: 2007C91-079	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	13.9	2.80		mg/Kg-dry	300049	1	07/20/2020 19:26	KB
PERCENT MOISTURE D2216								
Percent Moisture	31.4	0		wt%	R430202	1	07/16/2020 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: EB-88-SE1 (0-2)
Project Name: Atlanta Beltline	Collection Date: 7/8/2020 2:26:00 PM
Lab ID: 2007C91-081	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	4.29	2.26		mg/Kg-dry	300049	1	07/20/2020 19:33	KB
PERCENT MOISTURE D2216								
Percent Moisture	19.9	0		wt%	R430202	1	07/16/2020 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: EB-88A (3-4)
Project Name: Atlanta Beltline	Collection Date: 7/8/2020 2:33:00 PM
Lab ID: 2007C91-083	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	46.1	2.12		mg/Kg-dry	300049	1	07/20/2020 19:35	KB
PERCENT MOISTURE D2216								
Percent Moisture	14.1	0		wt%	R430202	1	07/16/2020 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: EB-82-N1 (0-2)
Project Name: Atlanta Beltline	Collection Date: 7/9/2020 10:10:00 AM
Lab ID: 2007C91-084	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	4.53	2.79		mg/Kg-dry	300049	1	07/20/2020 19:37	KB
PERCENT MOISTURE D2216								
Percent Moisture	29.1	0		wt%	R430202	1	07/16/2020 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: EB-82-SW1 (0-2)
Project Name: Atlanta Beltline	Collection Date: 7/9/2020 10:14:00 AM
Lab ID: 2007C91-086	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	6.06	2.56		mg/Kg-dry	300049	1	07/20/2020 19:39	KB
PERCENT MOISTURE D2216								
Percent Moisture	30.0	0		wt%	R430202	1	07/16/2020 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: EB-82-SE1 (0-2)
Project Name: Atlanta Beltline	Collection Date: 7/9/2020 10:17:00 AM
Lab ID: 2007C91-088	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	6.59	2.38		mg/Kg-dry	300049	1	07/20/2020 18:55	KB
PERCENT MOISTURE D2216								
Percent Moisture	24.9	0		wt%	R430202	1	07/16/2020 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: EB-82A (2-3)
Project Name: Atlanta Beltline	Collection Date: 7/9/2020 10:21:00 AM
Lab ID: 2007C91-090	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	43.5	2.58		mg/Kg-dry	300049	1	07/20/2020 19:42	KB
PERCENT MOISTURE D2216								
Percent Moisture	29.0	0		wt%	R430202	1	07/16/2020 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: EB-81-N1 (0-2)
Project Name: Atlanta Beltline	Collection Date: 7/9/2020 10:27:00 AM
Lab ID: 2007C91-091	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	5.81	2.07		mg/Kg-dry	300049	1	07/20/2020 19:44	KB
PERCENT MOISTURE D2216								
Percent Moisture	6.11	0		wt%	R430202	1	07/16/2020 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: EB-81-SE1 (0-2)
Project Name: Atlanta Beltline	Collection Date: 7/9/2020 10:29:00 AM
Lab ID: 2007C91-093	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	2.70	1.98		mg/Kg-dry	300049	1	07/20/2020 19:46	KB
PERCENT MOISTURE D2216								
Percent Moisture	6.52	0		wt%	R430202	1	07/16/2020 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: EB-81-SW1 (0-2)
Project Name: Atlanta Beltline	Collection Date: 7/9/2020 10:34:00 AM
Lab ID: 2007C91-095	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	53.6	2.44		mg/Kg-dry	300049	1	07/20/2020 19:48	KB
PERCENT MOISTURE D2216								
Percent Moisture	22.3	0		wt%	R430202	1	07/16/2020 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: EB-81A (2-3)
Project Name: Atlanta Beltline	Collection Date: 7/9/2020 10:38:00 AM
Lab ID: 2007C91-097	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	176	2.49		mg/Kg-dry	300049	1	07/20/2020 19:51	KB
PERCENT MOISTURE D2216								
Percent Moisture	26.4	0		wt%	R430202	1	07/16/2020 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: EB-81-DUP17
Project Name: Atlanta Beltline	Collection Date: 7/9/2020 10:39:00 AM
Lab ID: 2007C91-098	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	32.4	2.12		mg/Kg-dry	300049	1	07/20/2020 19:53	KB
PERCENT MOISTURE D2216								
Percent Moisture	10.7	0		wt%	R430202	1	07/16/2020 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: EB-80-N1 (0-2)
Project Name: Atlanta Beltline	Collection Date: 7/9/2020 10:40:00 AM
Lab ID: 2007C91-099	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	126	3.04		mg/Kg-dry	300049	1	07/20/2020 20:00	KB
PERCENT MOISTURE D2216								
Percent Moisture	32.0	0		wt%	R430202	1	07/16/2020 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: EB-80-SE1 (0-2)
Project Name: Atlanta Beltline	Collection Date: 7/9/2020 10:41:00 AM
Lab ID: 2007C91-101	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	113	2.44		mg/Kg-dry	300050	1	07/17/2020 13:34	AJ
PERCENT MOISTURE D2216								
Percent Moisture	21.4	0		wt%	R430202	1	07/16/2020 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: EB-80-SW1 (0-2)
Project Name: Atlanta Beltline	Collection Date: 7/9/2020 10:42:00 AM
Lab ID: 2007C91-103	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	41.4	3.01		mg/Kg-dry	300050	1	07/17/2020 13:36	AJ
PERCENT MOISTURE D2216								
Percent Moisture	33.4	0		wt%	R430202	1	07/16/2020 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: EB-80A (3-4)
Project Name: Atlanta Beltline	Collection Date: 7/9/2020 10:42:00 AM
Lab ID: 2007C91-105	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	BRL	2.74		mg/Kg-dry	300050	1	07/17/2020 13:43	AJ
PERCENT MOISTURE D2216								
Percent Moisture	14.3	0		wt%	R430202	1	07/16/2020 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

SUMMARY OF ANALYTES DETECTED

Analyses	Result	Qual	Reporting Limit	Units	BatchID	Dilution Factor
Client Sample ID: EB-104-N1(0-2) Collection Date: 7/8/2020 9:38:00 AM			Lab ID: 2007C91-001 Matrix: Soil			
METALS, TOTAL SW6010D			(SW3050B)			
Arsenic	33.6		2.67	mg/Kg-dry	300047	1
PERCENT MOISTURE D2216						
Percent Moisture	17.6		0	wt%	R430202	1
Client Sample ID: EB-104-SE1 (0-2) Collection Date: 7/8/2020 9:41:00 AM			Lab ID: 2007C91-003 Matrix: Soil			
METALS, TOTAL SW6010D			(SW3050B)			
Arsenic	27.3		2.58	mg/Kg-dry	300047	1
PERCENT MOISTURE D2216						
Percent Moisture	15.6		0	wt%	R430202	1
Client Sample ID: EB-104-SW1 (0-2) Collection Date: 7/8/2020 9:48:00 AM			Lab ID: 2007C91-005 Matrix: Soil			
METALS, TOTAL SW6010D			(SW3050B)			
Arsenic	31.5		1.68	mg/Kg-dry	300047	1
PERCENT MOISTURE D2216						
Percent Moisture	6.86		0	wt%	R430202	1
Client Sample ID: EB-104A (2-3) Collection Date: 7/8/2020 10:09:00 AM			Lab ID: 2007C91-007 Matrix: Soil			
PERCENT MOISTURE D2216						
Percent Moisture	6.96		0	wt%	R430202	1
Client Sample ID: EB-101-N1 (0-2) Collection Date: 7/8/2020 10:09:00 AM			Lab ID: 2007C91-008 Matrix: Soil			
METALS, TOTAL SW6010D			(SW3050B)			
Arsenic	144		2.25	mg/Kg-dry	300047	1
PERCENT MOISTURE D2216						
Percent Moisture	30.3		0	wt%	R430202	1
Client Sample ID: EB-101-SE1 (0-2) Collection Date: 7/8/2020 10:14:00 AM			Lab ID: 2007C91-010 Matrix: Soil			
METALS, TOTAL SW6010D			(SW3050B)			
Arsenic	122		1.96	mg/Kg-dry	300047	1
PERCENT MOISTURE D2216						
Percent Moisture	19.8		0	wt%	R430202	1
Client Sample ID: EB-101-SW1 (0-2) Collection Date: 7/8/2020 10:17:00 AM			Lab ID: 2007C91-012 Matrix: Soil			
METALS, TOTAL SW6010D			(SW3050B)			
Arsenic	8.37		2.90	mg/Kg-dry	300047	1
PERCENT MOISTURE D2216						
Percent Moisture	25.0		0	wt%	R430202	1
Client Sample ID: EB-101A (2-3) Collection Date: 7/8/2020 10:20:00 AM			Lab ID: 2007C91-014 Matrix: Soil			
METALS, TOTAL SW6010D			(SW3050B)			
Arsenic	40.7		2.75	mg/Kg-dry	300047	1

SUMMARY OF ANALYTES DETECTED

Analyses	Result	Qual	Reporting Limit	Units	BatchID	Dilution Factor
Client Sample ID: EB-101A (2-3) Collection Date: 7/8/2020 10:20:00 AM			Lab ID: 2007C91-014 Matrix: Soil			
PERCENT MOISTURE D2216						
Percent Moisture	26.1		0	wt%	R430202	1
Client Sample ID: EB-98-N1 (0-2) Collection Date: 7/8/2020 10:30:00 AM			Lab ID: 2007C91-015 Matrix: Soil			
METALS, TOTAL SW6010D (SW3050B)						
Arsenic	34.1		2.45	mg/Kg-dry	300047	1
PERCENT MOISTURE D2216						
Percent Moisture	16.6		0	wt%	R430202	1
Client Sample ID: EB-98-SW1 (0-2) Collection Date: 7/8/2020 10:34:00 AM			Lab ID: 2007C91-017 Matrix: Soil			
METALS, TOTAL SW6010D (SW3050B)						
Arsenic	46.5		2.21	mg/Kg-dry	300047	1
PERCENT MOISTURE D2216						
Percent Moisture	19.6		0	wt%	R430202	1
Client Sample ID: EB-98-SE1 (0-2) Collection Date: 7/8/2020 10:40:00 AM			Lab ID: 2007C91-019 Matrix: Soil			
METALS, TOTAL SW6010D (SW3050B)						
Arsenic	79.7		2.82	mg/Kg-dry	300047	1
PERCENT MOISTURE D2216						
Percent Moisture	25.2		0	wt%	R430202	1
Client Sample ID: EB-98A (3-4) Collection Date: 7/8/2020 10:44:00 AM			Lab ID: 2007C91-021 Matrix: Soil			
METALS, TOTAL SW6010D (SW3050B)						
Arsenic	48.7		1.77	mg/Kg-dry	300047	1
PERCENT MOISTURE D2216						
Percent Moisture	21.7		0	wt%	R430202	1
Client Sample ID: EB-98-DUP11 Collection Date: 7/8/2020 10:45:00 AM			Lab ID: 2007C91-022 Matrix: Soil			
METALS, TOTAL SW6010D (SW3050B)						
Arsenic	109		1.86	mg/Kg-dry	300047	1
PERCENT MOISTURE D2216						
Percent Moisture	14.8		0	wt%	R430202	1
Client Sample ID: EB-97-N1 (0-2) Collection Date: 7/8/2020 10:50:00 AM			Lab ID: 2007C91-023 Matrix: Soil			
METALS, TOTAL SW6010D (SW3050B)						
Arsenic	102		2.31	mg/Kg-dry	300047	1
PERCENT MOISTURE D2216						
Percent Moisture	27.2		0	wt%	R430202	1
Client Sample ID: EB-97-SE1 (0-2) Collection Date: 7/8/2020 10:55:00 AM			Lab ID: 2007C91-025 Matrix: Soil			
METALS, TOTAL SW6010D (SW3050B)						
Arsenic	74.2		2.87	mg/Kg-dry	300047	1

SUMMARY OF ANALYTES DETECTED

Analyses	Result	Qual	Reporting Limit	Units	BatchID	Dilution Factor
Client Sample ID: EB-97-SE1 (0-2) Collection Date: 7/8/2020 10:55:00 AM			Lab ID: 2007C91-025 Matrix: Soil			
PERCENT MOISTURE D2216						
Percent Moisture	21.6		0	wt%	R430202	1
Client Sample ID: EB-97-SW1 (0-2) Collection Date: 7/8/2020 10:58:00 AM			Lab ID: 2007C91-027 Matrix: Soil			
METALS, TOTAL SW6010D (SW3050B)						
Arsenic	81.9		2.79	mg/Kg-dry	300047	1
PERCENT MOISTURE D2216						
Percent Moisture	22.7		0	wt%	R430202	1
Client Sample ID: EB-97A (2-3) Collection Date: 7/8/2020 11:15:00 AM			Lab ID: 2007C91-029 Matrix: Soil			
METALS, TOTAL SW6010D (SW3050B)						
Arsenic	85.3		2.16	mg/Kg-dry	300047	1
PERCENT MOISTURE D2216						
Percent Moisture	10.8		0	wt%	R430202	1
Client Sample ID: EB-96-N1 (0-2) Collection Date: 7/8/2020 11:26:00 AM			Lab ID: 2007C91-030 Matrix: Soil			
METALS, TOTAL SW6010D (SW3050B)						
Arsenic	99.1		1.94	mg/Kg-dry	300047	1
PERCENT MOISTURE D2216						
Percent Moisture	21.6		0	wt%	R430202	1
Client Sample ID: EB-96-SW1 (0-2) Collection Date: 7/8/2020 11:32:00 AM			Lab ID: 2007C91-032 Matrix: Soil			
METALS, TOTAL SW6010D (SW3050B)						
Arsenic	10.3		2.10	mg/Kg-dry	300047	1
PERCENT MOISTURE D2216						
Percent Moisture	15.8		0	wt%	R430202	1
Client Sample ID: EB-96-SE1 (0-2) Collection Date: 7/8/2020 11:40:00 AM			Lab ID: 2007C91-034 Matrix: Soil			
METALS, TOTAL SW6010D (SW3050B)						
Arsenic	3.58		1.57	mg/Kg-dry	300047	1
PERCENT MOISTURE D2216						
Percent Moisture	4.46		0	wt%	R430202	1
Client Sample ID: EB-96-DUP13 Collection Date: 7/8/2020 11:45:00 AM			Lab ID: 2007C91-036 Matrix: Soil			
METALS, TOTAL SW6010D (SW3050B)						
Arsenic	120		2.92	mg/Kg-dry	300048	1
PERCENT MOISTURE D2216						
Percent Moisture	24.4		0	wt%	R430202	1
Client Sample ID: EB-96A (2-3) Collection Date: 7/8/2020 11:46:00 AM			Lab ID: 2007C91-037 Matrix: Soil			
METALS, TOTAL SW6010D (SW3050B)						
Arsenic	9.59		2.12	mg/Kg-dry	300048	1

SUMMARY OF ANALYTES DETECTED

Analyses	Result	Qual	Reporting Limit	Units	BatchID	Dilution Factor
Client Sample ID: EB-96A (2-3) Lab ID: 2007C91-037						
Collection Date: 7/8/2020 11:46:00 AM Matrix: Soil						
PERCENT MOISTURE D2216						
Percent Moisture	5.10		0	wt%	R430202	1
Client Sample ID: EB-98-DUP12 Lab ID: 2007C91-038						
Collection Date: 7/8/2020 11:49:00 AM Matrix: Soil						
METALS, TOTAL SW6010D (SW3050B)						
Arsenic	109		2.07	mg/Kg-dry	300048	1
PERCENT MOISTURE D2216						
Percent Moisture	24.6		0	wt%	R430202	1
Client Sample ID: EB-93-N1 (0-2) Lab ID: 2007C91-039						
Collection Date: 7/8/2020 11:52:00 AM Matrix: Soil						
METALS, TOTAL SW6010D (SW3050B)						
Arsenic	4.43		2.41	mg/Kg-dry	300048	1
PERCENT MOISTURE D2216						
Percent Moisture	4.06		0	wt%	R430202	1
Client Sample ID: EB-93-SW1 (0-2) Lab ID: 2007C91-041						
Collection Date: 7/8/2020 12:04:00 PM Matrix: Soil						
METALS, TOTAL SW6010D (SW3050B)						
Arsenic	5.60		2.51	mg/Kg-dry	300048	1
PERCENT MOISTURE D2216						
Percent Moisture	7.12		0	wt%	R430202	1
Client Sample ID: EB-93-SE1 (0-2) Lab ID: 2007C91-043						
Collection Date: 7/8/2020 12:14:00 PM Matrix: Soil						
METALS, TOTAL SW6010D (SW3050B)						
Arsenic	26.0		1.91	mg/Kg-dry	300048	1
PERCENT MOISTURE D2216						
Percent Moisture	6.34		0	wt%	R430202	1
Client Sample ID: EB-93A (2-3) Lab ID: 2007C91-045						
Collection Date: 7/8/2020 12:20:00 PM Matrix: Soil						
METALS, TOTAL SW6010D (SW3050B)						
Arsenic	3.74		1.96	mg/Kg-dry	300048	1
PERCENT MOISTURE D2216						
Percent Moisture	5.22		0	wt%	R430202	1
Client Sample ID: EB-92-N1 (0-2) Lab ID: 2007C91-046						
Collection Date: 7/8/2020 12:24:00 PM Matrix: Soil						
METALS, TOTAL SW6010D (SW3050B)						
Arsenic	10.9		2.54	mg/Kg-dry	300048	1
PERCENT MOISTURE D2216						
Percent Moisture	14.9		0	wt%	R430202	1
Client Sample ID: EB-92-SE1 (0-2) Lab ID: 2007C91-048						
Collection Date: 7/8/2020 12:30:00 PM Matrix: Soil						
METALS, TOTAL SW6010D (SW3050B)						
Arsenic	33.1		2.71	mg/Kg-dry	300048	1

SUMMARY OF ANALYTES DETECTED

Analyses	Result	Qual	Reporting Limit	Units	BatchID	Dilution Factor
Client Sample ID: EB-92-SE1 (0-2) Collection Date: 7/8/2020 12:30:00 PM			Lab ID: 2007C91-048 Matrix: Soil			
PERCENT MOISTURE D2216						
Percent Moisture	19.7		0	wt%	R430202	1
Client Sample ID: EB-92-SW1 (0-2) Collection Date: 7/8/2020 12:40:00 PM			Lab ID: 2007C91-050 Matrix: Soil			
METALS, TOTAL SW6010D (SW3050B)						
Arsenic	28.5		2.70	mg/Kg-dry	300048	1
PERCENT MOISTURE D2216						
Percent Moisture	23.0		0	wt%	R430202	1
Client Sample ID: EB-92A (2-3) Collection Date: 7/8/2020 12:58:00 PM			Lab ID: 2007C91-052 Matrix: Soil			
METALS, TOTAL SW6010D (SW3050B)						
Arsenic	64.3		2.49	mg/Kg-dry	300048	1
PERCENT MOISTURE D2216						
Percent Moisture	18.7		0	wt%	R430202	1
Client Sample ID: EB-92-DUP14 Collection Date: 7/8/2020 1:10:00 PM			Lab ID: 2007C91-053 Matrix: Soil			
METALS, TOTAL SW6010D (SW3050B)						
Arsenic	8.28		2.58	mg/Kg-dry	300048	1
PERCENT MOISTURE D2216						
Percent Moisture	15.0		0	wt%	R430202	1
Client Sample ID: EB-91-N1 (0-2) Collection Date: 7/8/2020 1:12:00 PM			Lab ID: 2007C91-054 Matrix: Soil			
METALS, TOTAL SW6010D (SW3050B)						
Arsenic	85.5		2.22	mg/Kg-dry	300048	1
PERCENT MOISTURE D2216						
Percent Moisture	28.6		0	wt%	R430202	1
Client Sample ID: EB-91-SE1 (0-2) Collection Date: 7/8/2020 1:18:00 PM			Lab ID: 2007C91-056 Matrix: Soil			
METALS, TOTAL SW6010D (SW3050B)						
Arsenic	143		3.60	mg/Kg-dry	300048	1
PERCENT MOISTURE D2216						
Percent Moisture	32.3		0	wt%	R430202	1
Client Sample ID: EB-91-SW1 (0-2) Collection Date: 7/8/2020 1:21:00 PM			Lab ID: 2007C91-058 Matrix: Soil			
METALS, TOTAL SW6010D (SW3050B)						
Arsenic	115		3.94	mg/Kg-dry	300048	1
PERCENT MOISTURE D2216						
Percent Moisture	37.8		0	wt%	R430202	1
Client Sample ID: EB-91A (2-3) Collection Date: 7/8/2020 1:22:00 PM			Lab ID: 2007C91-060 Matrix: Soil			
METALS, TOTAL SW6010D (SW3050B)						
Arsenic	110		2.33	mg/Kg-dry	300048	1

SUMMARY OF ANALYTES DETECTED

Analyses	Result	Qual	Reporting Limit	Units	BatchID	Dilution Factor
Client Sample ID: EB-91A (2-3) Collection Date: 7/8/2020 1:22:00 PM			Lab ID: 2007C91-060 Matrix: Soil			
PERCENT MOISTURE D2216						
Percent Moisture	14.8		0	wt%	R430202	1
Client Sample ID: EB-90-NE1 (0-2) Collection Date: 7/8/2020 1:24:00 PM			Lab ID: 2007C91-061 Matrix: Soil			
METALS, TOTAL SW6010D (SW3050B)						
Arsenic	6.67		2.50	mg/Kg-dry	300048	1
PERCENT MOISTURE D2216						
Percent Moisture	21.6		0	wt%	R430202	1
Client Sample ID: EB-90-NW1 (0-2) Collection Date: 7/8/2020 1:28:00 PM			Lab ID: 2007C91-063 Matrix: Soil			
METALS, TOTAL SW6010D (SW3050B)						
Arsenic	5.76		2.65	mg/Kg-dry	300048	1
PERCENT MOISTURE D2216						
Percent Moisture	19.6		0	wt%	R430202	1
Client Sample ID: EB-90-S1 (0-2) Collection Date: 7/8/2020 1:29:00 PM			Lab ID: 2007C91-065 Matrix: Soil			
METALS, TOTAL SW6010D (SW3050B)						
Arsenic	11.0		2.71	mg/Kg-dry	300048	1
PERCENT MOISTURE D2216						
Percent Moisture	16.6		0	wt%	R430202	1
Client Sample ID: EB-90A (3-4) Collection Date: 7/8/2020 1:30:00 PM			Lab ID: 2007C91-067 Matrix: Soil			
PERCENT MOISTURE D2216						
Percent Moisture	23.4		0	wt%	R430202	1
Client Sample ID: EB-90-DUP15 Collection Date: 7/8/2020 1:31:00 PM			Lab ID: 2007C91-068 Matrix: Soil			
METALS, TOTAL SW6010D (SW3050B)						
Arsenic	14.9		2.36	mg/Kg-dry	300049	1
PERCENT MOISTURE D2216						
Percent Moisture	17.2		0	wt%	R430202	1
Client Sample ID: EB-87-N1 (0-2) Collection Date: 7/8/2020 1:32:00 PM			Lab ID: 2007C91-069 Matrix: Soil			
METALS, TOTAL SW6010D (SW3050B)						
Arsenic	301		2.64	mg/Kg-dry	300049	1
PERCENT MOISTURE D2216						
Percent Moisture	18.7		0	wt%	R430202	1
Client Sample ID: EB-87-SW1 (0-2) Collection Date: 7/8/2020 1:41:00 PM			Lab ID: 2007C91-071 Matrix: Soil			
METALS, TOTAL SW6010D (SW3050B)						
Arsenic	163		2.79	mg/Kg-dry	300049	1
PERCENT MOISTURE D2216						
Percent Moisture	21.9		0	wt%	R430202	1

SUMMARY OF ANALYTES DETECTED

Analyses	Result	Qual	Reporting Limit	Units	BatchID	Dilution Factor
Client Sample ID: EB-87-SE1 (0-2)			Lab ID: 2007C91-073			
Collection Date: 7/8/2020 1:46:00 PM			Matrix: Soil			
METALS, TOTAL SW6010D			(SW3050B)			
Arsenic	23.0		3.38	mg/Kg-dry	300049	1
PERCENT MOISTURE D2216						
Percent Moisture	40.6		0	wt%	R430202	1
Client Sample ID: EB-87A (3-4)			Lab ID: 2007C91-075			
Collection Date: 7/8/2020 1:52:00 PM			Matrix: Soil			
METALS, TOTAL SW6010D			(SW3050B)			
Arsenic	46.7		2.64	mg/Kg-dry	300049	1
PERCENT MOISTURE D2216						
Percent Moisture	32.8		0	wt%	R430202	1
Client Sample ID: EB-87-DUP16			Lab ID: 2007C91-076			
Collection Date: 7/8/2020 1:54:00 PM			Matrix: Soil			
METALS, TOTAL SW6010D			(SW3050B)			
Arsenic	372		2.41	mg/Kg-dry	300049	1
PERCENT MOISTURE D2216						
Percent Moisture	17.9		0	wt%	R430202	1
Client Sample ID: EB-88-N1 (0-2)			Lab ID: 2007C91-077			
Collection Date: 7/8/2020 1:56:00 PM			Matrix: Soil			
METALS, TOTAL SW6010D			(SW3050B)			
Arsenic	25.3		2.47	mg/Kg-dry	300049	1
PERCENT MOISTURE D2216						
Percent Moisture	25.0		0	wt%	R430202	1
Client Sample ID: EB-88-SW1 (0-2)			Lab ID: 2007C91-079			
Collection Date: 7/8/2020 2:22:00 PM			Matrix: Soil			
METALS, TOTAL SW6010D			(SW3050B)			
Arsenic	13.9		2.80	mg/Kg-dry	300049	1
PERCENT MOISTURE D2216						
Percent Moisture	31.4		0	wt%	R430202	1
Client Sample ID: EB-88-SE1 (0-2)			Lab ID: 2007C91-081			
Collection Date: 7/8/2020 2:26:00 PM			Matrix: Soil			
METALS, TOTAL SW6010D			(SW3050B)			
Arsenic	4.29		2.26	mg/Kg-dry	300049	1
PERCENT MOISTURE D2216						
Percent Moisture	19.9		0	wt%	R430202	1
Client Sample ID: EB-88A (3-4)			Lab ID: 2007C91-083			
Collection Date: 7/8/2020 2:33:00 PM			Matrix: Soil			
METALS, TOTAL SW6010D			(SW3050B)			
Arsenic	46.1		2.12	mg/Kg-dry	300049	1
PERCENT MOISTURE D2216						
Percent Moisture	14.1		0	wt%	R430202	1
Client Sample ID: EB-82-N1 (0-2)			Lab ID: 2007C91-084			
Collection Date: 7/9/2020 10:10:00 AM			Matrix: Soil			

SUMMARY OF ANALYTES DETECTED

Analyses	Result	Qual	Reporting Limit	Units	BatchID	Dilution Factor
Client Sample ID: EB-82-N1 (0-2) Lab ID: 2007C91-084						
Collection Date: 7/9/2020 10:10:00 AM Matrix: Soil						
METALS, TOTAL SW6010D (SW3050B)						
Arsenic	4.53		2.79	mg/Kg-dry	300049	1
PERCENT MOISTURE D2216						
Percent Moisture	29.1		0	wt%	R430202	1
Client Sample ID: EB-82-SW1 (0-2) Lab ID: 2007C91-086						
Collection Date: 7/9/2020 10:14:00 AM Matrix: Soil						
METALS, TOTAL SW6010D (SW3050B)						
Arsenic	6.06		2.56	mg/Kg-dry	300049	1
PERCENT MOISTURE D2216						
Percent Moisture	30.0		0	wt%	R430202	1
Client Sample ID: EB-82-SE1 (0-2) Lab ID: 2007C91-088						
Collection Date: 7/9/2020 10:17:00 AM Matrix: Soil						
METALS, TOTAL SW6010D (SW3050B)						
Arsenic	6.59		2.38	mg/Kg-dry	300049	1
PERCENT MOISTURE D2216						
Percent Moisture	24.9		0	wt%	R430202	1
Client Sample ID: EB-82A (2-3) Lab ID: 2007C91-090						
Collection Date: 7/9/2020 10:21:00 AM Matrix: Soil						
METALS, TOTAL SW6010D (SW3050B)						
Arsenic	43.5		2.58	mg/Kg-dry	300049	1
PERCENT MOISTURE D2216						
Percent Moisture	29.0		0	wt%	R430202	1
Client Sample ID: EB-81-N1 (0-2) Lab ID: 2007C91-091						
Collection Date: 7/9/2020 10:27:00 AM Matrix: Soil						
METALS, TOTAL SW6010D (SW3050B)						
Arsenic	5.81		2.07	mg/Kg-dry	300049	1
PERCENT MOISTURE D2216						
Percent Moisture	6.11		0	wt%	R430202	1
Client Sample ID: EB-81-SE1 (0-2) Lab ID: 2007C91-093						
Collection Date: 7/9/2020 10:29:00 AM Matrix: Soil						
METALS, TOTAL SW6010D (SW3050B)						
Arsenic	2.70		1.98	mg/Kg-dry	300049	1
PERCENT MOISTURE D2216						
Percent Moisture	6.52		0	wt%	R430202	1
Client Sample ID: EB-81-SW1 (0-2) Lab ID: 2007C91-095						
Collection Date: 7/9/2020 10:34:00 AM Matrix: Soil						
METALS, TOTAL SW6010D (SW3050B)						
Arsenic	53.6		2.44	mg/Kg-dry	300049	1
PERCENT MOISTURE D2216						
Percent Moisture	22.3		0	wt%	R430202	1
Client Sample ID: EB-81A (2-3) Lab ID: 2007C91-097						
Collection Date: 7/9/2020 10:38:00 AM Matrix: Soil						

SUMMARY OF ANALYTES DETECTED

Analyses	Result	Qual	Reporting Limit	Units	BatchID	Dilution Factor
Client Sample ID: EB-81A (2-3) Lab ID: 2007C91-097						
Collection Date: 7/9/2020 10:38:00 AM Matrix: Soil						
METALS, TOTAL SW6010D (SW3050B)						
Arsenic	176		2.49	mg/Kg-dry	300049	1
PERCENT MOISTURE D2216						
Percent Moisture	26.4		0	wt%	R430202	1
Client Sample ID: EB-81-DUP17 Lab ID: 2007C91-098						
Collection Date: 7/9/2020 10:39:00 AM Matrix: Soil						
METALS, TOTAL SW6010D (SW3050B)						
Arsenic	32.4		2.12	mg/Kg-dry	300049	1
PERCENT MOISTURE D2216						
Percent Moisture	10.7		0	wt%	R430202	1
Client Sample ID: EB-80-N1 (0-2) Lab ID: 2007C91-099						
Collection Date: 7/9/2020 10:40:00 AM Matrix: Soil						
METALS, TOTAL SW6010D (SW3050B)						
Arsenic	126		3.04	mg/Kg-dry	300049	1
PERCENT MOISTURE D2216						
Percent Moisture	32.0		0	wt%	R430202	1
Client Sample ID: EB-80-SE1 (0-2) Lab ID: 2007C91-101						
Collection Date: 7/9/2020 10:41:00 AM Matrix: Soil						
METALS, TOTAL SW6010D (SW3050B)						
Arsenic	113		2.44	mg/Kg-dry	300050	1
PERCENT MOISTURE D2216						
Percent Moisture	21.4		0	wt%	R430202	1
Client Sample ID: EB-80-SW1 (0-2) Lab ID: 2007C91-103						
Collection Date: 7/9/2020 10:42:00 AM Matrix: Soil						
METALS, TOTAL SW6010D (SW3050B)						
Arsenic	41.4		3.01	mg/Kg-dry	300050	1
PERCENT MOISTURE D2216						
Percent Moisture	33.4		0	wt%	R430202	1
Client Sample ID: EB-80A (3-4) Lab ID: 2007C91-105						
Collection Date: 7/9/2020 10:42:00 AM Matrix: Soil						
PERCENT MOISTURE D2216						
Percent Moisture	14.3		0	wt%	R430202	1

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

1. Client Name: _____

AES Work Order Number: _____

2. Carrier: FedEx UPS USPS Client Courier Other _____

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

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

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

27. Comments: _____

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

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

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

Client: United Consulting Group Inc.
Project Name: Atlanta Beltline
Workorder: 2007C91

ANALYTICAL QC SUMMARY REPORT

BatchID: 300047

Sample ID: MB-300047	Client ID:	Units: mg/Kg	Prep Date: 07/17/2020	Run No: 430528							
SampleType: MBLK	TestCode: METALS, TOTAL SW6010D	BatchID: 300047	Analysis Date: 07/20/2020	Seq No: 9765453							
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

Sample ID: LCS-300047	Client ID:	Units: mg/Kg	Prep Date: 07/17/2020	Run No: 430528							
SampleType: LCS	TestCode: METALS, TOTAL SW6010D	BatchID: 300047	Analysis Date: 07/20/2020	Seq No: 9765456							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic 45.91 2.50 50.00 91.8 80 120

Sample ID: 2007C91-007AMS	Client ID: EB-104A (2-3)	Units: mg/Kg-dry	Prep Date: 07/17/2020	Run No: 430528							
SampleType: MS	TestCode: METALS, TOTAL SW6010D	BatchID: 300047	Analysis Date: 07/20/2020	Seq No: 9765458							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic 31.05 1.74 34.82 89.2 75 125

Sample ID: 2007C91-007AMSD	Client ID: EB-104A (2-3)	Units: mg/Kg-dry	Prep Date: 07/17/2020	Run No: 430528							
SampleType: MSD	TestCode: METALS, TOTAL SW6010D	BatchID: 300047	Analysis Date: 07/20/2020	Seq No: 9765459							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic 31.28 1.73 34.69 90.2 75 125 31.05 0.730 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
Workorder: 2007C91

ANALYTICAL QC SUMMARY REPORT

BatchID: 300048

Sample ID: MB-300048	Client ID:	Units: mg/Kg	Prep Date: 07/17/2020	Run No: 430573							
SampleType: MBLK	TestCode: METALS, TOTAL SW6010D	BatchID: 300048	Analysis Date: 07/21/2020	Seq No: 9766276							
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

Sample ID: LCS-300048	Client ID:	Units: mg/Kg	Prep Date: 07/17/2020	Run No: 430573							
SampleType: LCS	TestCode: METALS, TOTAL SW6010D	BatchID: 300048	Analysis Date: 07/21/2020	Seq No: 9766277							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic 42.89 2.50 50.00 85.8 80 120

Sample ID: 2007C91-037AMS	Client ID: EB-96A (2-3)	Units: mg/Kg-dry	Prep Date: 07/17/2020	Run No: 430573							
SampleType: MS	TestCode: METALS, TOTAL SW6010D	BatchID: 300048	Analysis Date: 07/21/2020	Seq No: 9766279							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic 44.85 2.12 42.37 9.590 83.2 75 125

Sample ID: 2007C91-037AMSD	Client ID: EB-96A (2-3)	Units: mg/Kg-dry	Prep Date: 07/17/2020	Run No: 430573							
SampleType: MSD	TestCode: METALS, TOTAL SW6010D	BatchID: 300048	Analysis Date: 07/21/2020	Seq No: 9766280							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic 48.39 2.11 42.17 9.590 92.0 75 125 44.85 7.59 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
Workorder: 2007C91

ANALYTICAL QC SUMMARY REPORT

BatchID: 300049

Sample ID: MB-300049	Client ID:	Units: mg/Kg	Prep Date: 07/17/2020	Run No: 430568							
SampleType: MBLK	TestCode: METALS, TOTAL SW6010D	BatchID: 300049	Analysis Date: 07/20/2020	Seq No: 9766162							
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

Sample ID: LCS-300049	Client ID:	Units: mg/Kg	Prep Date: 07/17/2020	Run No: 430568							
SampleType: LCS	TestCode: METALS, TOTAL SW6010D	BatchID: 300049	Analysis Date: 07/20/2020	Seq No: 9766163							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic 48.39 2.50 50.00 96.8 80 120

Sample ID: 2007C91-088AMS	Client ID: EB-82-SE1 (0-2)	Units: mg/Kg-dry	Prep Date: 07/17/2020	Run No: 430568							
SampleType: MS	TestCode: METALS, TOTAL SW6010D	BatchID: 300049	Analysis Date: 07/20/2020	Seq No: 9766165							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic 38.59 2.39 47.73 6.589 67.0 75 125 S

Sample ID: 2007C91-088AMSD	Client ID: EB-82-SE1 (0-2)	Units: mg/Kg-dry	Prep Date: 07/17/2020	Run No: 430568							
SampleType: MSD	TestCode: METALS, TOTAL SW6010D	BatchID: 300049	Analysis Date: 07/20/2020	Seq No: 9766166							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic 41.09 2.39 47.82 6.589 72.1 75 125 38.59 6.29 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
Workorder: 2007C91

ANALYTICAL QC SUMMARY REPORT

BatchID: 300050

Sample ID: MB-300050	Client ID:	Units: mg/Kg	Prep Date: 07/16/2020	Run No: 430338							
SampleType: MBLK	TestCode: METALS, TOTAL SW6010D	BatchID: 300050	Analysis Date: 07/17/2020	Seq No: 9760172							
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

Sample ID: LCS-300050	Client ID:	Units: mg/Kg	Prep Date: 07/16/2020	Run No: 430338							
SampleType: LCS	TestCode: METALS, TOTAL SW6010D	BatchID: 300050	Analysis Date: 07/17/2020	Seq No: 9760173							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic 46.40 2.50 50.00 92.8 80 120

Sample ID: 2007C30-001CMS	Client ID:	Units: mg/Kg-dry	Prep Date: 07/16/2020	Run No: 430338							
SampleType: MS	TestCode: METALS, TOTAL SW6010D	BatchID: 300050	Analysis Date: 07/17/2020	Seq No: 9760175							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic 40.36 2.43 48.55 1.120 80.8 75 125

Sample ID: 2007C30-001CMSD	Client ID:	Units: mg/Kg-dry	Prep Date: 07/16/2020	Run No: 430338							
SampleType: MSD	TestCode: METALS, TOTAL SW6010D	BatchID: 300050	Analysis Date: 07/17/2020	Seq No: 9760176							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic 38.90 2.43 48.65 1.120 77.7 75 125 40.36 3.68 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.

July 30, 2020

Spencer Cox
United Consulting Group Inc.

625 Holcomb Bridge Rd
Norcross GA 30071

RE: Atlanta Beltline

Dear Spencer Cox:

Order No: 2007N86

Analytical Environmental Services, Inc. received 17 samples on 7/23/2020 12:00:00 AM for the analyses presented in following report.

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

AES's accreditations are as follows:

-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 07/01/20-06/30/21.

State of Georgia, Department of Natural Resources ID #800 for analysis of Drinking Water Metals, effective through 06/30/20 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 11/01/21.

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 Parkway, Atlanta GA 30340-3704
 TEL: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 2007N86
2007C91
 Date: 7/14/20 Page 1 of 3

COMPANY:		ADDRESS:		ANALYSIS REQUESTED							Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.	No # of Containers	
UNITED CONSULTING		625 HOLCOMB BRIDGE ROAD NORCROSS, GEORGIA 30071 770-209-0029 FAX: 770-582-2900		Asstenic	Benzo(a)Pyrene	Benzene	VOCs	SVOCS	RCRA-D Metals	TCLP			HOLD
PHONE: 770-842-8956	FAX: 770-582-2900	SIGNATURE: <i>[Signature]</i>											
SAMPLED BY: Spencer Cox												REMARKS	
#	SAMPLE ID	DATE	TIME	Grab	Composite	Matrix (See codes)							
1	EB-104-N1(0-2)	7/8/20	938A	/	/	50	X						1
2	EB-104-N2(0-2)		929	/	/		X				X		1
3	EB-104-SE1(0-2)		941	/	/		X						1
4	EB-104-SE2(0-2)		945	/	/		X				X		1
5	EB-104-SW1(0-2)		948	/	/		X						1
6	EB-104-SW2(0-2)		952	/	/		X				X		1
7	EB-104A(2-3)		1009	/	/		X						1
8	EB-101-N1(0-2)		1009	/	/		X						1
9	EB-101-N2(0-2)		1011	/	/		X				X		1
10	EB-101-SE1(0-2)		1014	/	/		X						1
11	EB-101-SE2(0-2)		1016	/	/		X				X		1
12	EB-101-SW1(0-2)		1017	/	/		X						1
13	EB-101-SW2(0-2)		1019	/	/		X				X		1
14	EB-101A(2-3)		1020	/	/		X						1
15	EB-98-N1(0-2)		1030	/	/		X						1
16	EB-98-N2(0-2)		1032	/	/		X				X		1
17	EB-98-SW1(0-2)		1034	/	/		X						1
18	EB-98-SW2(0-2)		1038	/	/		X				X		1
19	EB-98-SE1(0-2)		1040	/	/		X						1
20	EB-98-SE2(0-2)		1041	/	/		X				X		1
21	EB-98A(3-4)		1044	/	/		X						1
22	EB-98 EB-98-DUP11		1045	/	/		X						1
23	EB-97-N1(0-2)		1050	/	/		X						1
24	EB-97-N2(0-2)		1053	/	/		X				X		1
25	EB-97-SE1(0-2)		1055	/	/		X						1
26	EB-97-SE2(0-2)		1056	/	/		X				X		1
27	EB-97-SW1(0-2)		1058	/	/		X						1
28	EB-97-SW2(0-2)		1110	/	/		X				X		1
29	EB-97A(2-3)		1115A	/	/		X						1
30	EB-96-N1(0-2)		1126	/	/		X						1
31	EB-96-N2(0-2)		1130	/	/		X				X		1
32	EB-96-SW1(0-2)		1132	/	/		X						1
33	EB-96-SW2(0-2)		1138	/	/		X				X		1
34	EB-96-SE1(0-2)		1140	/	/		X						1
35	EB-96-SE2(0-2)	7/8/20	1144	/	/	50	X				X		1

RELINQUISHED BY: *Spencer Cox* DATE/TIME: 7-14-20 11:50A
 RECEIVED BY: *Christina Scott* DATE/TIME: 7-14-20 11:50AM
 2: *Christina Scott* 7-14-20 12:22
 3: *[Signature]* 7/14/20 12:22

PROJECT INFORMATION		RECEIPT	
PROJECT NAME:	Atlanta Beltline	Total # of Containers:	35
PROJECT #:	20-GA-01192-11, -12, -13	Turnaround Time Request:	<input checked="" type="radio"/> Standard 5 Business Days <input type="radio"/> 2 Business Day Rush <input type="radio"/> Next Business Day Rush <input type="radio"/> Same Day Rush (auth req.) <input type="radio"/> Other ___ 4 Day Turn
SITE ADDRESS:	Atlanta	STATE PROGRAM (if any):	
SEND REPORT TO:	Spencer Cox	E-mail? Y/N:	
INVOICE TO: (IF DIFFERENT FROM ABOVE)		Fax? Y/N:	
PO#	8363	DATA PACKAGE:	I II III IV

SPECIAL INSTRUCTIONS/COMMENTS: SEGMENT 4/5

SHIPMENT METHOD
 OUT 1 1 VIA:
 IN CLIENT FedEx UPS MAIL CARRIER
 GREYHOUND OTHER



ANALYTICAL ENVIRONMENTAL SERVICES, INC
3080 Presidential Parkway, Atlanta GA 30340-3704
TEL.: (770) 457-8177 / TOLL-FREE (800) 972-4889 / FAX: (770) 457-8188

CHAIN OF CUSTODY

Work Order: 2007091 #

2007N86

#130

Date: 7/14/20 Page 2 of 3

COMPANY:		ADDRESS:			ANALYSIS REQUESTED							Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.	No. # of Containers	
UNITED CONSULTING		625 HOLCOMB BRIDGE ROAD NORCROSS, GEORGIA 30071 770-209-0029 FAX: 770-582-2900			Asenic	Benzo(a)Pyrene	Benzene	VOCs	SVOCs	PCRA-B Metals	TCLP			HOLD
PHONE: 770-842-8956		FAX: 770-582-2900			PRESERVATION (See codes)							REMARKS		
SAMPLED BY: Spencer Cox		SIGNATURE: <i>[Signature]</i>			DATE	TIME	Grab	Composite	Matrix (See codes)					
1	EB-91a-DUP13	7/8/20	1145											
2	EB-91a(2-3)		1146A											
3	EB-99-DUP12		1149A											
4	EB-93-N1(0-2)		1152A											
5	EB-93-N2(0-2)		1156A									X		
6	EB-93-SW1(0-2)		1204p											
7	EB-93-SW2(0-2)		1210P									X		
8	EB-93-SW1(0-2)		1214p											
9	EB-93-SE2(0-2)		1218p									X		
10	EB-93A(2-3)		1220P											
11	EB-92-N1(0-2)		1224p											
12	EB-92-N2(0-2)		1228									X		
13	EB-92-SW1(0-2)		1230											
14	EB-92-SE1(0-2)		1234									X		
15	EB-92-SW1(0-2)		1240											
16	EB-92-SW2(0-2)		1255									X		
17	EB-92A(2-3)		1258											
18	EB-92-DUP14		1310P									X		
19	EB-91-N1(0-2)		1312											
20	EB-91-N2(0-2)		1314									X		
21	EB-91-SW1(0-2)		1318											
22	EB-91-SE2(0-2)		1320									X		
23	EB-91-SW1(0-2)		1321											
24	EB-91-SW2(0-2)		1322									X		
25	EB-91A(2-3)		1322											
26	EB-90-NE1(0-2)		1324											
27	EB-90-NE2(0-2)		1326									X		
28	EB-90-NW1(0-2)		1328											
29	EB-90-NW2(0-2)		1329									X		
30	EB-90-S1(0-2)		1329											
31	EB-90-S2(0-2)		1330									X		
32	EB-90A(5-4)		1330											
33	EB-90-DUP15		1331									X		
34	EB-87-N1(0-2)		1332											
35	EB-87-N2(0-2)	7/8/20	1333									X		

RELINQUISHED BY	DATE/TIME RECEIVED BY	DATE/TIME	PROJECT INFORMATION	RECEIPT
1: <i>[Signature]</i>	7-14-20 11:50 AM	7-14-20 11:50 AM	PROJECT NAME: Atlanta Beltline	Total # of Containers: 35
2: <i>[Signature]</i>	7-14-20 12:22	7-14-20 12:22	PROJECT #: 20-GA-01192-11, -12, -13	Turnaround Time Request: <input checked="" type="radio"/> Standard 5 Business Days <input type="radio"/> 2 Business Day Rush <input type="radio"/> Next Business Day Rush <input type="radio"/> Same Day Rush (auth req.) <input type="radio"/> Other: ___ Day Turn
SPECIAL INSTRUCTIONS/COMMENTS: SEGMENT 4/5			SHIPMENT METHOD: OUT: / / VIA: IN: / / VIA: <input checked="" type="radio"/> CLIENT <input type="radio"/> FedEx <input type="radio"/> UPS MAIL <input type="radio"/> COURIER <input type="radio"/> GREYHOUND <input type="radio"/> OTHER	INVOICE TO: (IF DIFFERENT FROM ABOVE) PO# 8363

Client: United Consulting Group Inc.
Project: Atlanta Beltline
Lab ID: 2007N86

Case Narrative

Additional Testing:

At the request of Spencer Cox with United Consulting via e-mail on 7/23/20 all samples listed below were analyzed for Total Arsenic from AES work order 2007C91:

- EB-101-N2 (0-2)
- EB-101-SE2 (0-2)
- EB-98-SW2 (0-2)
- EB-98-SE2 (0-2)
- EB-97-N2 (0-2)
- EB-97-SE2 (0-2)
- EB-97-SW2 (0-2)
- EB-96-N2 (0-2)
- EB-91-N2 (0-2)
- EB-91-SE2 (0-2)
- EB-91-SW2 (0-2)
- EB-87-N2 (0-2)
- EB-87-SW2 (0-2)
- EB-81-SW2 (0-2)
- EB-80-N2 (0-2)
- EB-80-SE2 (0-2)
- EB-80-SW2 (0-2)

Client: United Consulting Group Inc.	Client Sample ID: EB-101-N2 (0-2)
Project Name: Atlanta Beltline	Collection Date: 7/8/2020 10:11:00 AM
Lab ID: 2007N86-001	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	16.9	2.70		mg/Kg-dry	300385	1	07/29/2020 09:41	KB
PERCENT MOISTURE D2216								
Percent Moisture	34.2	0		wt%	R430950	1	07/26/2020 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: EB-101-SE2 (0-2)
Project Name: Atlanta Beltline	Collection Date: 7/8/2020 10:16:00 AM
Lab ID: 2007N86-002	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	97.8	2.15		mg/Kg-dry	300385	1	07/29/2020 09:43	KB
PERCENT MOISTURE D2216								
Percent Moisture	14.0	0		wt%	R430950	1	07/26/2020 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: EB-98-SW2 (0-2)
Project Name: Atlanta Beltline	Collection Date: 7/8/2020 10:38:00 AM
Lab ID: 2007N86-003	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	28.6	2.46		mg/Kg-dry	300385	1	07/29/2020 09:46	KB
PERCENT MOISTURE D2216								
Percent Moisture	18.1	0		wt%	R430950	1	07/26/2020 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: EB-98-SE2 (0-2)
Project Name: Atlanta Beltline	Collection Date: 7/8/2020 10:41:00 AM
Lab ID: 2007N86-004	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	12.3	2.27		mg/Kg-dry	300385	1	07/29/2020 09:48	KB
PERCENT MOISTURE D2216								
Percent Moisture	20.2	0		wt%	R430950	1	07/26/2020 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: EB-97-N2 (0-2)
Project Name: Atlanta Beltline	Collection Date: 7/8/2020 10:53:00 AM
Lab ID: 2007N86-005	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	BRL	2.28		mg/Kg-dry	300385	1	07/29/2020 09:50	KB
PERCENT MOISTURE D2216								
Percent Moisture	17.3	0		wt%	R430950	1	07/26/2020 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: EB-97-SE2 (0-2)
Project Name: Atlanta Beltline	Collection Date: 7/8/2020 10:56:00 AM
Lab ID: 2007N86-006	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	47.5	2.42		mg/Kg-dry	300385	1	07/29/2020 09:53	KB
PERCENT MOISTURE D2216								
Percent Moisture	25.3	0		wt%	R430950	1	07/26/2020 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: EB-97-SW2 (0-2)
Project Name: Atlanta Beltline	Collection Date: 7/8/2020 11:10:00 AM
Lab ID: 2007N86-007	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	47.0	2.25		mg/Kg-dry	300385	1	07/29/2020 10:01	KB
PERCENT MOISTURE D2216								
Percent Moisture	19.6	0		wt%	R430950	1	07/26/2020 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: EB-96-N2 (0-2)
Project Name: Atlanta Beltline	Collection Date: 7/8/2020 11:30:00 AM
Lab ID: 2007N86-008	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	87.7	2.50		mg/Kg-dry	300385	1	07/29/2020 10:03	KB
PERCENT MOISTURE D2216								
Percent Moisture	24.3	0		wt%	R430950	1	07/26/2020 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: EB-91-N2 (0-2)
Project Name: Atlanta Beltline	Collection Date: 7/8/2020 1:14:00 PM
Lab ID: 2007N86-009	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	285	2.62		mg/Kg-dry	300385	1	07/29/2020 10:06	KB
PERCENT MOISTURE D2216								
Percent Moisture	24.0	0		wt%	R430950	1	07/26/2020 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: EB-91-SE2 (0-2)
Project Name: Atlanta Beltline	Collection Date: 7/8/2020 1:20:00 PM
Lab ID: 2007N86-010	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	29.6	2.97		mg/Kg-dry	300385	1	07/29/2020 10:08	KB
PERCENT MOISTURE D2216								
Percent Moisture	30.9	0		wt%	R430950	1	07/26/2020 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: EB-91-SW2 (0-2)
Project Name: Atlanta Beltline	Collection Date: 7/8/2020 1:22:00 PM
Lab ID: 2007N86-011	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	6.57	2.37		mg/Kg-dry	300385	1	07/29/2020 10:15	KB
PERCENT MOISTURE D2216								
Percent Moisture	19.4	0		wt%	R430950	1	07/26/2020 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: EB-87-N2 (0-2)
Project Name: Atlanta Beltline	Collection Date: 7/8/2020 1:33:00 PM
Lab ID: 2007N86-012	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	159	2.31		mg/Kg-dry	300385	1	07/29/2020 10:17	KB
PERCENT MOISTURE D2216								
Percent Moisture	19.2	0		wt%	R430950	1	07/26/2020 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: EB-87-SW2 (0-2)
Project Name: Atlanta Beltline	Collection Date: 7/8/2020 1:43:00 PM
Lab ID: 2007N86-013	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	150	2.44		mg/Kg-dry	300385	1	07/29/2020 10:20	KB
PERCENT MOISTURE D2216								
Percent Moisture	21.9	0		wt%	R430950	1	07/26/2020 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: EB-81-SW2 (0-2)
Project Name: Atlanta Beltline	Collection Date: 7/9/2020 10:36:00 AM
Lab ID: 2007N86-014	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	30.9	2.22		mg/Kg-dry	300385	1	07/28/2020 18:53	KB
PERCENT MOISTURE D2216								
Percent Moisture	14.3	0		wt%	R430950	1	07/26/2020 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: EB-80-N2 (0-2)
Project Name: Atlanta Beltline	Collection Date: 7/9/2020 10:40:00 AM
Lab ID: 2007N86-015	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	BRL	2.36		mg/Kg-dry	300385	1	07/29/2020 10:22	KB
PERCENT MOISTURE D2216								
Percent Moisture	17.4	0		wt%	R430950	1	07/26/2020 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: EB-80-SE2 (0-2)
Project Name: Atlanta Beltline	Collection Date: 7/9/2020 10:41:00 AM
Lab ID: 2007N86-016	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	19.1	3.17		mg/Kg-dry	300385	1	07/29/2020 10:24	KB
PERCENT MOISTURE D2216								
Percent Moisture	30.7	0		wt%	R430950	1	07/26/2020 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: EB-80-SW2 (0-2)
Project Name: Atlanta Beltline	Collection Date: 7/9/2020 10:42:00 AM
Lab ID: 2007N86-017	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D					(SW3050B)			
Arsenic	34.0	2.78		mg/Kg-dry	300385	1	07/29/2020 10:27	KB
PERCENT MOISTURE D2216								
Percent Moisture	31.5	0		wt%	R430950	1	07/26/2020 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

SUMMARY OF ANALYTES DETECTED

Analyses	Result	Qual	Reporting Limit	Units	BatchID	Dilution Factor
Client Sample ID: EB-101-N2 (0-2) Lab ID: 2007N86-001						
Collection Date: 7/8/2020 10:11:00 AM Matrix: Soil						
METALS, TOTAL SW6010D (SW3050B)						
Arsenic	16.9		2.70	mg/Kg-dry	300385	1
PERCENT MOISTURE D2216						
Percent Moisture	34.2		0	wt%	R430950	1
Client Sample ID: EB-101-SE2 (0-2) Lab ID: 2007N86-002						
Collection Date: 7/8/2020 10:16:00 AM Matrix: Soil						
METALS, TOTAL SW6010D (SW3050B)						
Arsenic	97.8		2.15	mg/Kg-dry	300385	1
PERCENT MOISTURE D2216						
Percent Moisture	14.0		0	wt%	R430950	1
Client Sample ID: EB-98-SW2 (0-2) Lab ID: 2007N86-003						
Collection Date: 7/8/2020 10:38:00 AM Matrix: Soil						
METALS, TOTAL SW6010D (SW3050B)						
Arsenic	28.6		2.46	mg/Kg-dry	300385	1
PERCENT MOISTURE D2216						
Percent Moisture	18.1		0	wt%	R430950	1
Client Sample ID: EB-98-SE2 (0-2) Lab ID: 2007N86-004						
Collection Date: 7/8/2020 10:41:00 AM Matrix: Soil						
METALS, TOTAL SW6010D (SW3050B)						
Arsenic	12.3		2.27	mg/Kg-dry	300385	1
PERCENT MOISTURE D2216						
Percent Moisture	20.2		0	wt%	R430950	1
Client Sample ID: EB-97-N2 (0-2) Lab ID: 2007N86-005						
Collection Date: 7/8/2020 10:53:00 AM Matrix: Soil						
PERCENT MOISTURE D2216						
Percent Moisture	17.3		0	wt%	R430950	1
Client Sample ID: EB-97-SE2 (0-2) Lab ID: 2007N86-006						
Collection Date: 7/8/2020 10:56:00 AM Matrix: Soil						
METALS, TOTAL SW6010D (SW3050B)						
Arsenic	47.5		2.42	mg/Kg-dry	300385	1
PERCENT MOISTURE D2216						
Percent Moisture	25.3		0	wt%	R430950	1
Client Sample ID: EB-97-SW2 (0-2) Lab ID: 2007N86-007						
Collection Date: 7/8/2020 11:10:00 AM Matrix: Soil						
METALS, TOTAL SW6010D (SW3050B)						
Arsenic	47.0		2.25	mg/Kg-dry	300385	1
PERCENT MOISTURE D2216						
Percent Moisture	19.6		0	wt%	R430950	1
Client Sample ID: EB-96-N2 (0-2) Lab ID: 2007N86-008						
Collection Date: 7/8/2020 11:30:00 AM Matrix: Soil						
METALS, TOTAL SW6010D (SW3050B)						
Arsenic	87.7		2.50	mg/Kg-dry	300385	1

SUMMARY OF ANALYTES DETECTED

Analyses	Result	Qual	Reporting Limit	Units	BatchID	Dilution Factor
Client Sample ID: EB-96-N2 (0-2) Collection Date: 7/8/2020 11:30:00 AM			Lab ID: 2007N86-008 Matrix: Soil			
PERCENT MOISTURE D2216						
Percent Moisture	24.3		0	wt%	R430950	1
Client Sample ID: EB-91-N2 (0-2) Collection Date: 7/8/2020 1:14:00 PM			Lab ID: 2007N86-009 Matrix: Soil			
METALS, TOTAL SW6010D (SW3050B)						
Arsenic	285		2.62	mg/Kg-dry	300385	1
PERCENT MOISTURE D2216						
Percent Moisture	24.0		0	wt%	R430950	1
Client Sample ID: EB-91-SE2 (0-2) Collection Date: 7/8/2020 1:20:00 PM			Lab ID: 2007N86-010 Matrix: Soil			
METALS, TOTAL SW6010D (SW3050B)						
Arsenic	29.6		2.97	mg/Kg-dry	300385	1
PERCENT MOISTURE D2216						
Percent Moisture	30.9		0	wt%	R430950	1
Client Sample ID: EB-91-SW2 (0-2) Collection Date: 7/8/2020 1:22:00 PM			Lab ID: 2007N86-011 Matrix: Soil			
METALS, TOTAL SW6010D (SW3050B)						
Arsenic	6.57		2.37	mg/Kg-dry	300385	1
PERCENT MOISTURE D2216						
Percent Moisture	19.4		0	wt%	R430950	1
Client Sample ID: EB-87-N2 (0-2) Collection Date: 7/8/2020 1:33:00 PM			Lab ID: 2007N86-012 Matrix: Soil			
METALS, TOTAL SW6010D (SW3050B)						
Arsenic	159		2.31	mg/Kg-dry	300385	1
PERCENT MOISTURE D2216						
Percent Moisture	19.2		0	wt%	R430950	1
Client Sample ID: EB-87-SW2 (0-2) Collection Date: 7/8/2020 1:43:00 PM			Lab ID: 2007N86-013 Matrix: Soil			
METALS, TOTAL SW6010D (SW3050B)						
Arsenic	150		2.44	mg/Kg-dry	300385	1
PERCENT MOISTURE D2216						
Percent Moisture	21.9		0	wt%	R430950	1
Client Sample ID: EB-81-SW2 (0-2) Collection Date: 7/9/2020 10:36:00 AM			Lab ID: 2007N86-014 Matrix: Soil			
METALS, TOTAL SW6010D (SW3050B)						
Arsenic	30.9		2.22	mg/Kg-dry	300385	1
PERCENT MOISTURE D2216						
Percent Moisture	14.3		0	wt%	R430950	1
Client Sample ID: EB-80-N2 (0-2) Collection Date: 7/9/2020 10:40:00 AM			Lab ID: 2007N86-015 Matrix: Soil			
PERCENT MOISTURE D2216						
Percent Moisture	17.4		0	wt%	R430950	1

SUMMARY OF ANALYTES DETECTED

Analyses	Result	Qual	Reporting Limit	Units	BatchID	Dilution Factor
Client Sample ID: EB-80-SE2 (0-2) Lab ID: 2007N86-016						
Collection Date: 7/9/2020 10:41:00 AM Matrix: Soil						
METALS, TOTAL SW6010D (SW3050B)						
Arsenic	19.1		3.17	mg/Kg-dry	300385	1
PERCENT MOISTURE D2216						
Percent Moisture	30.7		0	wt%	R430950	1
Client Sample ID: EB-80-SW2 (0-2) Lab ID: 2007N86-017						
Collection Date: 7/9/2020 10:42:00 AM Matrix: Soil						
METALS, TOTAL SW6010D (SW3050B)						
Arsenic	34.0		2.78	mg/Kg-dry	300385	1
PERCENT MOISTURE D2216						
Percent Moisture	31.5		0	wt%	R430950	1

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

JP 9/30

Clear

Save as

1. Client Name: **United Consulting Group Inc.**

AES Work Order Number: **2007C91 2007NTG**

2. Carrier: FedEx UPS USPS Client Courier Other _____

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

13. Cooler 1 Temperature 1.3 °C Cooler 2 Temperature 1.4 °C Cooler 3 Temperature _____ °C Cooler 4 Temperature _____ °C

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

15. Comments: _____

I certify that I have completed sections 1-15 (dated initials), MJ 7/14/20

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

27. Comments: _____

I certify that I have completed sections 16-27 (dated initials), FM 7/15/20

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

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

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

I certify that I have completed sections 28-30 (dated initials), FM 7/15/20

Locked

Client: United Consulting Group Inc.
Project Name: Atlanta Beltline
Workorder: 2007N86

ANALYTICAL QC SUMMARY REPORT

BatchID: 300385

Sample ID: MB-300385	Client ID:	Units: mg/Kg	Prep Date: 07/24/2020	Run No: 431139							
SampleType: MBLK	TestCode: METALS, TOTAL SW6010D	BatchID: 300385	Analysis Date: 07/28/2020	Seq No: 9780353							
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

Sample ID: LCS-300385	Client ID:	Units: mg/Kg	Prep Date: 07/24/2020	Run No: 431139							
SampleType: LCS	TestCode: METALS, TOTAL SW6010D	BatchID: 300385	Analysis Date: 07/28/2020	Seq No: 9780354							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic 41.15 2.50 50.00 82.3 80 120

Sample ID: 2007N86-014AMS	Client ID: EB-81-SW2 (0-2)	Units: mg/Kg-dry	Prep Date: 07/24/2020	Run No: 431139							
SampleType: MS	TestCode: METALS, TOTAL SW6010D	BatchID: 300385	Analysis Date: 07/28/2020	Seq No: 9780356							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic 65.41 2.22 44.44 30.89 77.7 75 125

Sample ID: 2007N86-014AMSD	Client ID: EB-81-SW2 (0-2)	Units: mg/Kg-dry	Prep Date: 07/24/2020	Run No: 431139							
SampleType: MSD	TestCode: METALS, TOTAL SW6010D	BatchID: 300385	Analysis Date: 07/28/2020	Seq No: 9780357							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic 71.84 2.22 44.42 30.89 92.2 75 125 65.41 9.36 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.

October 22, 2020

Spencer Cox
United Consulting Group Inc.

625 Holcomb Bridge Rd
Norcross GA 30071

RE: ABI Segment 4/5 (Atlanta Beltline)

Dear Spencer Cox:

Order No: 2010I01

Analytical Environmental Services, Inc. received 1 samples on 10/15/2020 12:52:00 PM for the analyses presented in following report.

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

AES's accreditations are as follows:

-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 07/01/20-06/30/21.

State of Georgia, Department of Natural Resources ID #800 for analysis of Drinking Water Metals, effective through 06/30/21 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 11/01/21.

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

Client: United Consulting Group Inc.	Client Sample ID: SG-4-C
Project Name: ABI Segment 4/5 (Atlanta Beltline)	Collection Date: 10/15/2020 11:45:00 AM
Lab ID: 2010I01-001	Matrix: Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
MERCURY, TCLP SW1311/7470A					(SW7470A)			
Mercury	BRL	0.00400		mg/L	304583	1	10/20/2020 16:56	SK
ICP METALS, TCLP SW1311/6010D					(SW3010A)			
Arsenic	BRL	0.250		mg/L	304590	1	10/21/2020 12:15	KB
Barium	BRL	0.500		mg/L	304590	1	10/21/2020 12:15	KB
Cadmium	BRL	0.0250		mg/L	304590	1	10/21/2020 12:15	KB
Chromium	BRL	0.0500		mg/L	304590	1	10/21/2020 12:15	KB
Lead	BRL	0.0500		mg/L	304590	1	10/21/2020 12:15	KB
Selenium	BRL	0.100		mg/L	304590	1	10/21/2020 12:15	KB
Silver	BRL	0.0250		mg/L	304590	1	10/21/2020 12:15	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

SUMMARY OF ANALYTES DETECTED

Analyses	Result	Qual	MDL	Reporting Limit	Units	BatchID	Dilution Factor
Client Sample ID: SG-4-C				Lab ID: 2010I01-001			
Collection Date: 10/15/2020 11:45:00 AM				Matrix: Soil			

MERCURY, TCLP SW1311/7470A (SW7470A)

No reportable hits were detected

ICP METALS, TCLP SW1311/6010D (SW3010A)

No reportable hits were detected

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

1. Client Name: United Consulting Group Inc.

AES Work Order Number: 2010I01

2. Carrier: FedEx UPS USPS Client Courier Other _____

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

13. Cooler 1 Temperature 0.1 °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). ARS 10/15/20

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

27. Comments: _____

I certify that I have completed sections 16-27 (dated initials). MJ 10/15/20

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

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

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

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

I certify that I have completed sections 28-30 (dated initials). MJ 10/15/20

Client: United Consulting Group Inc.
Project Name: ABI Segment 4/5 (Atlanta Beltline)
Workorder: 2010I01

ANALYTICAL QC SUMMARY REPORT

BatchID: 304583

Sample ID: MB-304583	Client ID:	Units: mg/L	Prep Date: 10/20/2020	Run No: 437549							
SampleType: MBLK	TestCode: MERCURY, TCLP SW1311/7470A	BatchID: 304583	Analysis Date: 10/20/2020	Seq No: 9950931							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Mercury BRL 0.00400

Sample ID: LCS-304583	Client ID:	Units: mg/L	Prep Date: 10/20/2020	Run No: 437549							
SampleType: LCS	TestCode: MERCURY, TCLP SW1311/7470A	BatchID: 304583	Analysis Date: 10/20/2020	Seq No: 9950932							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Mercury 0.03793 0.00400 0.0400 94.8 80 120

Sample ID: 2010F13-001BMS	Client ID:	Units: mg/L	Prep Date: 10/20/2020	Run No: 437549							
SampleType: MS	TestCode: MERCURY, TCLP SW1311/7470A	BatchID: 304583	Analysis Date: 10/20/2020	Seq No: 9950934							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Mercury 0.03392 0.00400 0.0400 84.8 80 120

Sample ID: 2010F13-001BMSD	Client ID:	Units: mg/L	Prep Date: 10/20/2020	Run No: 437549							
SampleType: MSD	TestCode: MERCURY, TCLP SW1311/7470A	BatchID: 304583	Analysis Date: 10/20/2020	Seq No: 9950935							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Mercury 0.03663 0.00400 0.0400 91.6 80 120 0.03392 7.68 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: ABI Segment 4/5 (Atlanta Beltline)
Workorder: 2010I01

ANALYTICAL QC SUMMARY REPORT

BatchID: 304590

Sample ID: MB-304590	Client ID:	Units: mg/L	Prep Date: 10/20/2020	Run No: 437600							
SampleType: MBLK	TestCode: ICP METALS, TCLP SW1311/6010D	BatchID: 304590	Analysis Date: 10/21/2020	Seq No: 9952593							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

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

Sample ID: LCS-304590	Client ID:	Units: mg/L	Prep Date: 10/20/2020	Run No: 437600							
SampleType: LCS	TestCode: ICP METALS, TCLP SW1311/6010D	BatchID: 304590	Analysis Date: 10/21/2020	Seq No: 9952594							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic	5.362	0.250	5.000		107	80	120				
Barium	5.391	0.500	5.000		108	80	120				
Cadmium	5.373	0.0250	5.000		107	80	120				
Chromium	5.380	0.0500	5.000		108	80	120				
Lead	5.402	0.0500	5.000		108	80	120				
Selenium	5.227	0.100	5.000		105	80	120				
Silver	0.5113	0.0250	0.5000		102	80	120				

Sample ID: 2010I14-007AMS	Client ID:	Units: mg/L	Prep Date: 10/20/2020	Run No: 437600							
SampleType: MS	TestCode: ICP METALS, TCLP SW1311/6010D	BatchID: 304590	Analysis Date: 10/21/2020	Seq No: 9952598							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic	5.338	0.250	5.000		107	50	150				
Barium	5.402	0.500	5.000	0.03690	107	50	150				
Cadmium	5.360	0.0250	5.000		107	50	150				
Chromium	5.373	0.0500	5.000		107	50	150				

Qualifiers:

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

Client: United Consulting Group Inc.
Project Name: ABI Segment 4/5 (Atlanta Beltline)
Workorder: 2010I01

ANALYTICAL QC SUMMARY REPORT

BatchID: 304590

Sample ID: 2010I14-007AMS	Client ID:	Units: mg/L	Prep Date: 10/20/2020	Run No: 437600							
SampleType: MS	TestCode: ICP METALS, TCLP SW1311/6010D	BatchID: 304590	Analysis Date: 10/21/2020	Seq No: 9952598							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Lead	5.355	0.0500	5.000		107	50	150				
Selenium	5.258	0.100	5.000		105	50	150				
Silver	0.5104	0.0250	0.5000		102	50	150				

Sample ID: 2010I14-007AMSD	Client ID:	Units: mg/L	Prep Date: 10/20/2020	Run No: 437600							
SampleType: MSD	TestCode: ICP METALS, TCLP SW1311/6010D	BatchID: 304590	Analysis Date: 10/21/2020	Seq No: 9952599							
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Arsenic	5.348	0.250	5.000		107	50	150	5.338	0.191	30	
Barium	5.380	0.500	5.000	0.03690	107	50	150	5.402	0.406	30	
Cadmium	5.347	0.0250	5.000		107	50	150	5.360	0.241	30	
Chromium	5.345	0.0500	5.000		107	50	150	5.373	0.518	30	
Lead	5.353	0.0500	5.000		107	50	150	5.355	0.040	30	
Selenium	5.241	0.100	5.000		105	50	150	5.258	0.318	30	
Silver	0.5100	0.0250	0.5000		102	50	150	0.5104	0.059	30	

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

End of Report