UNITED CONSULTING

REPORT

For
Atlanta BeltLine, Inc.

Arsenic Delineation Sampling
Atlanta BeltLine – Southside Trail
Segment 3; Approximate 0.865-Mile Section
(STA: 189+84.00 to 245+05.00)
Atlanta, Fulton County, Georgia

625 Holcomb Bridge Road, Norcross, GA 30071 • 770-209-0029 • unitedconsulting.com

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 3; Approximate 0.865-Mile Section (STA: 189+84.00 to 245+05.00)
Atlanta, Georgia
Project No.; 20-GA-01192-12

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 3; approximate 0.865-Mile Section (STA: 189+84.00 to 245+05.00) (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 thirteen (13) 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.

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-51, EB-53 through EB-56, EB-59, EB-60, EB-62, EB-64, EB-65, EB-69, EB-73, and EB-74. Of note, four areas (EB-57, EB-59, EB-64, and EB-65) were previously remediated for non-arsenic constituents. Specific at EB-57, arsenic was 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 9th through 13th, 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 76 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 63 horizontal step-out borings as well as samples from the 13 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 five 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.

Six 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-51, EB-53, EB-59, EB-65, EB-73, and EB-74.

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 13 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 4 through 7, and 39 through 48 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 3 are discussed below (Segments 1, 2, and 4/5 are presented under separate cover):

Remediation Area 4 (EB-57)

As previously indicated, Remediation Area 4 was previously remediated for benzo(a)pyrene. Initial soil testing at sample location EB-57 did not identify arsenic at concentrations above non-residential RRS. Therefore, additional delineation at this location was not warranted.

Remediation Area 5 (EB-59)

Arsenic was detected at a concentration exceeding non-residential RRS at EB-59. Additionally, benzene was detected at the original boring location at a concentration exceeding non-residential RRS (that remedial area was limited due to the existing utilities to the north, which was therein conditionally delineated and remediated in May 2019). Arsenic was additionally detected at concentrations exceeding applicable RRS in the inner and outer step-out borings to the west of the original boring location. Delineation was achieved to the south at the first step-out, and east at the second step-out location. 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 west, delineated by the inner and outer step-out borings to the south and east, and then restricted by the utility 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 3.1 cubic yards (CY) of soil is estimated for excavation and offsite disposal. This excludes volume associated with previous non-arsenic remediation.

Remediation Area 6 (EB-64)

Arsenic was detected at a concentration exceeding non-residential RRS at EB-64. Additionally, benzene was detected at the original boring location at a concentration exceeding non-residential RRS (that remedial area was limited due to the existing utilities to the north, which was therein conditionally delineated and remediated in May 2019). Arsenic was additionally detected at concentrations exceeding applicable RRS in the inner and outer step-out borings to the west of the original boring location. Delineation was achieved to the south and east at the inner step-out location. 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 west, delineated by the inner step-out borings to the south and east, and then restricted by utilities 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 5.4 cubic yards (CY) of soil is estimated for excavation and offsite disposal. This excludes volume associated with previous non-arsenic remediation.

Remediation Area 7 (EB-65)

Arsenic was detected at a concentration exceeding non-residential RRS at EB-65. Additionally, benzo(a)pyrene and benzo(b)fluoranthene were detected at the original boring location at concentrations exceeding non-residential RRSs (that remedial area was an approximate 10-foot square, which was delineated and remediated in May 2019). Arsenic was additionally detected at concentrations exceeding applicable RRS in the inner and outer step-out boring to the southeast of the original boring location. Delineation was achieved to the north and southwest at the inner and outer step-out locations, respectively. 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 the step-out borings to the southwest and 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 21.9 cubic yards (CY) of soil is estimated for excavation and offsite disposal. This excludes volume associated with previous non-arsenic remediation.

Remediation Area 39 (EB-51)

Arsenic was detected at a concentration exceeding non-residential RRS at EB-51. Arsenic was additionally detected at concentrations exceeding applicable RRS in the inner and outer step-out boring to the northwest, but below applicable RRS at both the inner step-out borings to the east and southwest. Based on the aforementioned boundary definition and our review of provided trail design plans (for cut/fill analysis), a 1-foot vertical removal is supported at this area and a total of approximately 5.1 cubic yards (CY) of soil is estimated for excavation and offsite disposal.

Remediation Area 40 (EB-53)

Arsenic was detected at a concentration exceeding non-residential RRS at EB-53. Arsenic was additionally detected at concentrations below applicable RRS in the outer step-out borings to the north, east, 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) and extend to the defined boundaries with samples below RRS at the north, east, and southwest. The required vertical excavation depth is 3 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 19.4 cubic yards (CY) of soil is estimated for excavation and offsite disposal.

Remediation Area 41 (EB-54)

Arsenic was detected at a concentration exceeding non-residential RRS at EB-54. Arsenic was additionally detected at concentrations exceeding applicable RRS in both the inner and outer step-out borings to the northeast of the original boring location. Arsenic detections at the inner step-out boring to the south and the outer step-out boring to the northwest were identified below 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 northeast.

Based on the excavation boundary defined by a ten-foot lateral expansion from the step-out boring to the northeast, delineation to the northwest/south, and our review of provided trail plans (for cut/fill analysis), a 1-foot vertical removal is supported at this area and a total of approximately 11.9 cubic yards (CY) of soil is estimated for excavation and offsite disposal.

Remediation Area 42 (EB-55)

Arsenic was detected at a concentration exceeding non-residential RRS at EB-55. Arsenic was additionally detected at concentrations exceeding applicable RRS in both the inner and outer step-out borings to the north and southwest of the original boring location. Arsenic was detected at the outer step-out boring to the southeast below RRS. Due to utility conflicts nearest the outer step-out boring to the north, at this time, the arsenic 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 to outer step-out to the southeast, southwestward to ten feet past the outer step-out boring to the southwest, and then from the within five feet of the limiting utilities near the outer step-out boring to the north; furthermore, based on the location of these utilities, a small portion to the north of the second step-out north will also require remediation. 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 48.2 cubic yards (CY) of soil is estimated for excavation and offsite disposal.

Remediation Area 43 (EB-56)

Arsenic was detected at a concentration exceeding non-residential RRS at EB-56. 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. Due to utility conflicts across the central portion of the location, at this time, the arsenic 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) and extend to the defined boundaries with samples below RRS at the north, southeast, and southwest. 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 17.0 cubic yards (CY) of soil is estimated for excavation and offsite disposal.

Remediation Area 44 (EB-60)

Arsenic was detected at a concentration exceeding non-residential RRS at EB-60. Arsenic was additionally detected at concentrations below applicable RRS in the inner step-out borings to the northeast, southeast, and west of the original boring location. Due to utility conflicts along the southern extent of the remediation area, at this time and in accordance with the Appendix F to CAP Amendment #2, the limits of the remediation area are limited to within five feet of these utilities and extend to the inner step-out borings to the northeast and west. 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 5.2 cubic yards (CY) of soil is estimated for excavation and offsite disposal.

Remediation Area 45 (EB-62)

Arsenic was detected at a concentration exceeding non-residential RRS at EB-62. Arsenic was additionally detected at concentrations exceeding applicable RRS in both the inner and outer step-out borings to the northwest of the original boring location. Arsenic was detected at concentrations below applicable RRS in the inner step-out borings to the south and northeast of the original boring location. Due to utility conflicts along the southern extent of the remediation area, at this time and in accordance with the Appendix F to CAP Amendment #2, the limits of the remediation area are limited to within five feet of these utilities and extend to the inner step-out boring to the northeast, and ten feet past the outer step-out boring to the northwest. The required vertical excavation depth is 6 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 38.9 cubic yards (CY) of soil is estimated for excavation and offsite disposal.

Remediation Area 46 (EB-69)

Arsenic was detected at a concentration exceeding non-residential RRS at EB-69. Arsenic was additionally detected at concentrations below applicable RRS in each of the inner step-out borings to the northwest, southwest, and east of the original boring location. Due to utility conflicts along the southern extent of remediation, at this time, the arsenic 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 the utility buffer and to the defined inner step-out boring below RRS to the northwest. 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 1.1 cubic yards (CY) of soil is estimated for excavation and offsite disposal.

Remediation Area 47 (EB-73)

Arsenic was detected at a concentration exceeding non-residential RRS at EB-73. 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. Due to utility conflicts across the central portion of the location, at this time, the arsenic 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) and to the outer step-out borings below RRS to the north, southwest, and southeast. The required vertical excavation depth is 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 25.9 cubic yards (CY) of soil is estimated for excavation and offsite disposal.

Remediation Area 48 (EB-74)

Arsenic was detected at a concentration exceeding non-residential RRS at EB-74. Arsenic was additionally detected at concentrations exceeding the applicable RRS in both the inner and outer step-out borings to the southwest of the original boring location. Arsenic detections at each of the inner step-out borings to the southeast and north were identified below non-residential RRS. Based on these conditions, in accordance with the Appendix F to CAP Amendment #2, the excavation boundaries extend to the north and southeast inner step-out borings and ten feet past the outer step-out boring to the southwest.

Based on the aforementioned boundary definition and our review of provided trail plans (for cut/fill analysis), a 3-foot vertical removal is supported at this area and a total of approximately 29.0 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 279 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 418 tons (please see below regarding 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. 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 3 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 3 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.Segment3.Delineation.01192-12

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

ATTACHMENT B
Exhibit 4 through 7, and 39 through 48

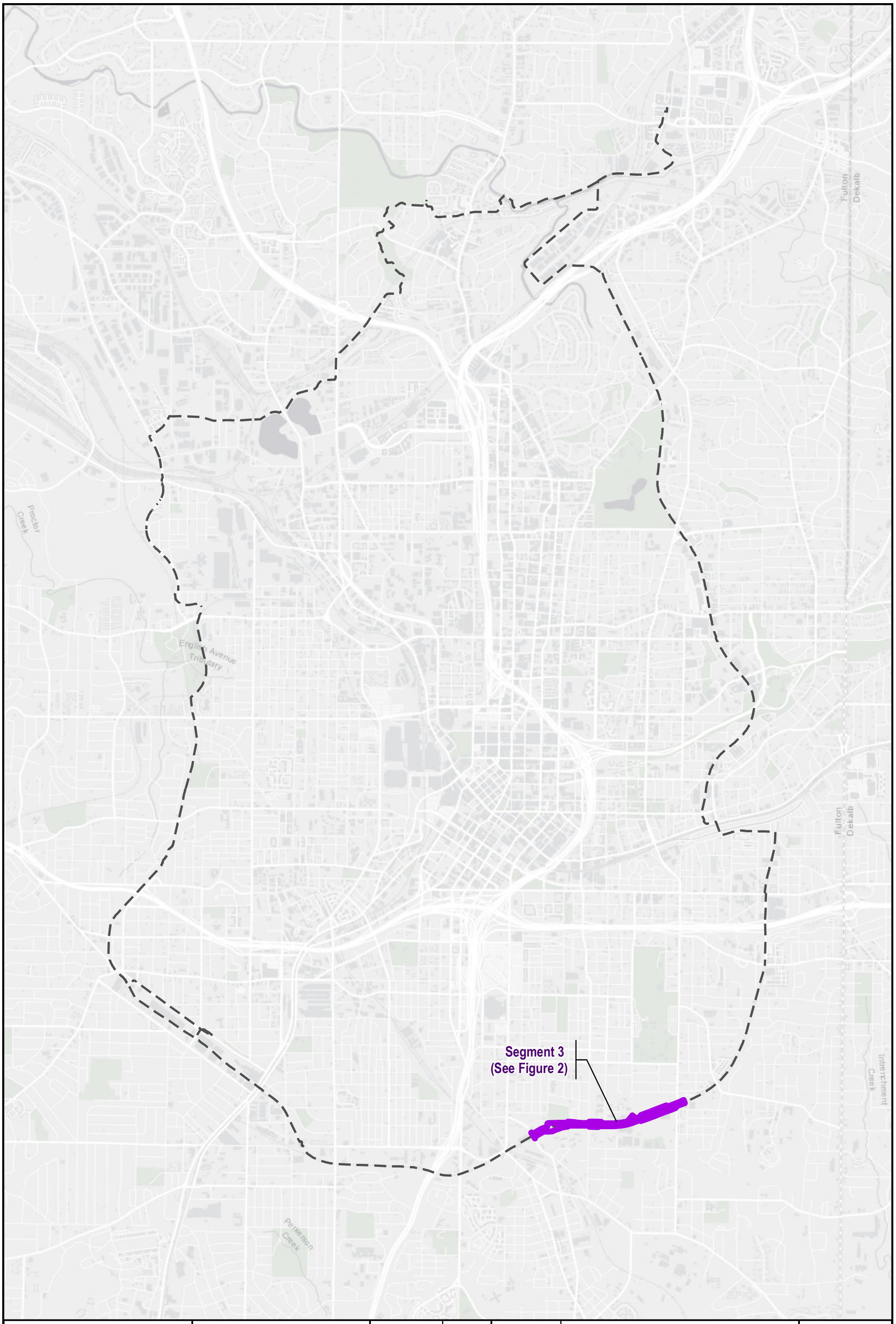
ATTACHMENT C
Table 1 – Summary of Pre-Excavation Site Characterization Sampling Results
Table 2 – Summary of Estimated Soil Remediation Volumes Per Remediation Area
Table 3 – Remediation Cut/Fill Analysis and Approach

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



UNITED CONSULTING	**Figure Scale** N 0 1,500 3,000 1 inch = 3,000 feet	**Prepared:**	SCC	**Title:**	Segment Location Overview - Street Map
		Checked:	BWS	**Project:**	Atlanta BeltLine – Southside Trail
				Project No.	20-GA-01192-12
		Date:	10/10/20	**Client:**	Kimley-Horn

FIG. 1

Remediation Area 48
Remediation Area 47
Remediation Area 46
Remediation Area 7
Remediation Area 6
Remediation Area 45
Remediation Area 44
Remediation Area 4 (Complete)
Remediation Area 5
Remediation Area 42
Remediation Area 43
Remediation Area 41
Remediation Area 40
Remediation Area 39

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

Map Index

Legend

Proposed Remedial

Segment 3 Boundary

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Project:
Atlanta BeltLine – Southside Trail

Client:
Kimley-Horn

Sheet Title: Remediation Areas Overview Aerial

Scale: 0 75 150 300
1 inch = 333 feet

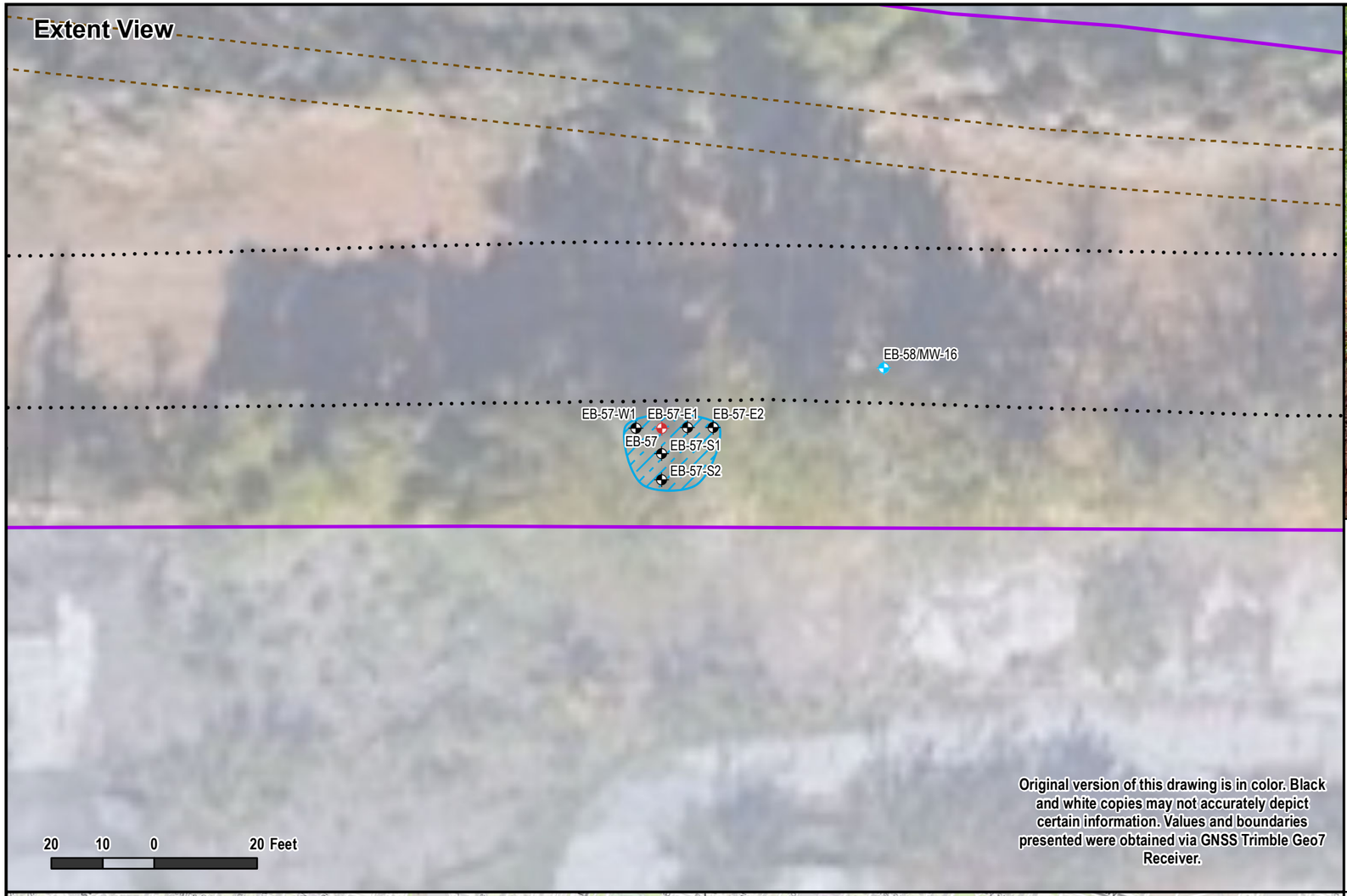
Prepared:	S. Cox
Checked:	B. Sharp
Date:	Oct 13, 2020
Project No.	20-GA-01192-11

Figure 2

ATTACHMENT B

Exhibits 4 through 7, and 39 through 48

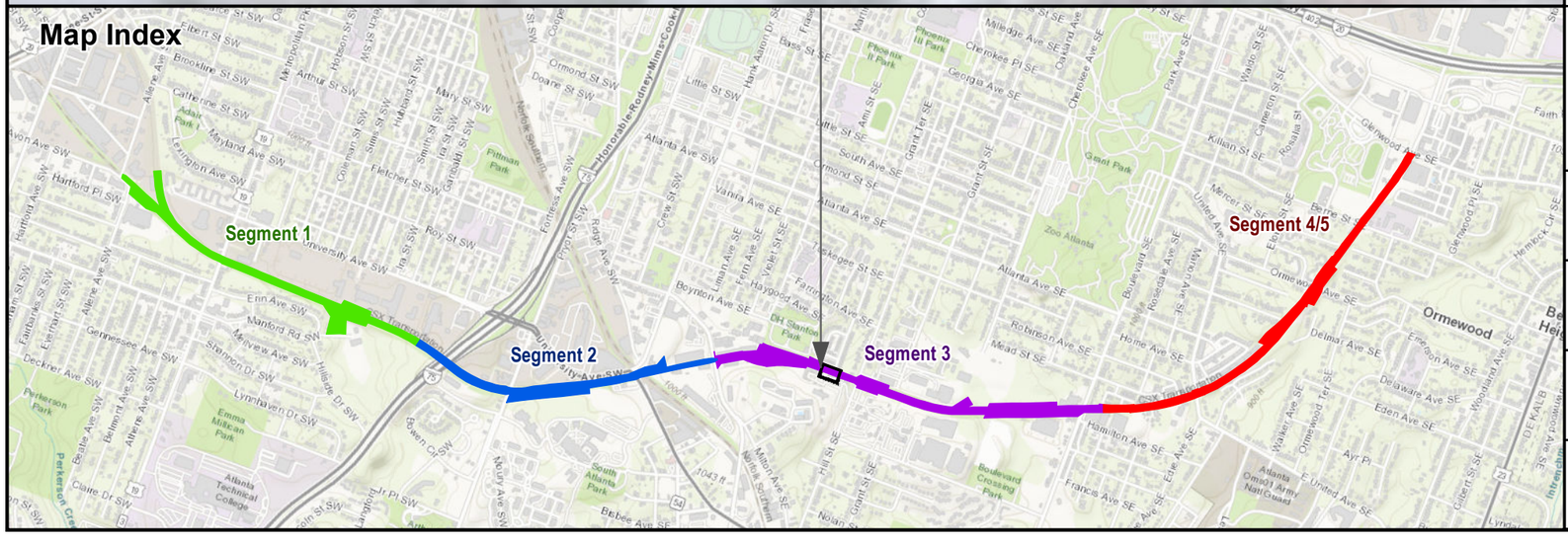
Extent View



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

Map Index



Summary Notes & Legend

Estimated Cubic Yards (Proposed): 11.0 yd³

Approx. Station Number: 206+25

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
- Temporary Monitoring Well
- Delineation Boring
- Actual Remedial Limits
- Approx. GDOT Fiber
- MCI/Verizon Utility
- Segment 3 Boundary

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

N

PROJECT

Atlanta BeltLine Southside Trail - Segment 3

CLIENT

Kimley-Horn / BeltLine

SHEET TITLE

Remediation Area 4

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

DRAWING NUMBER

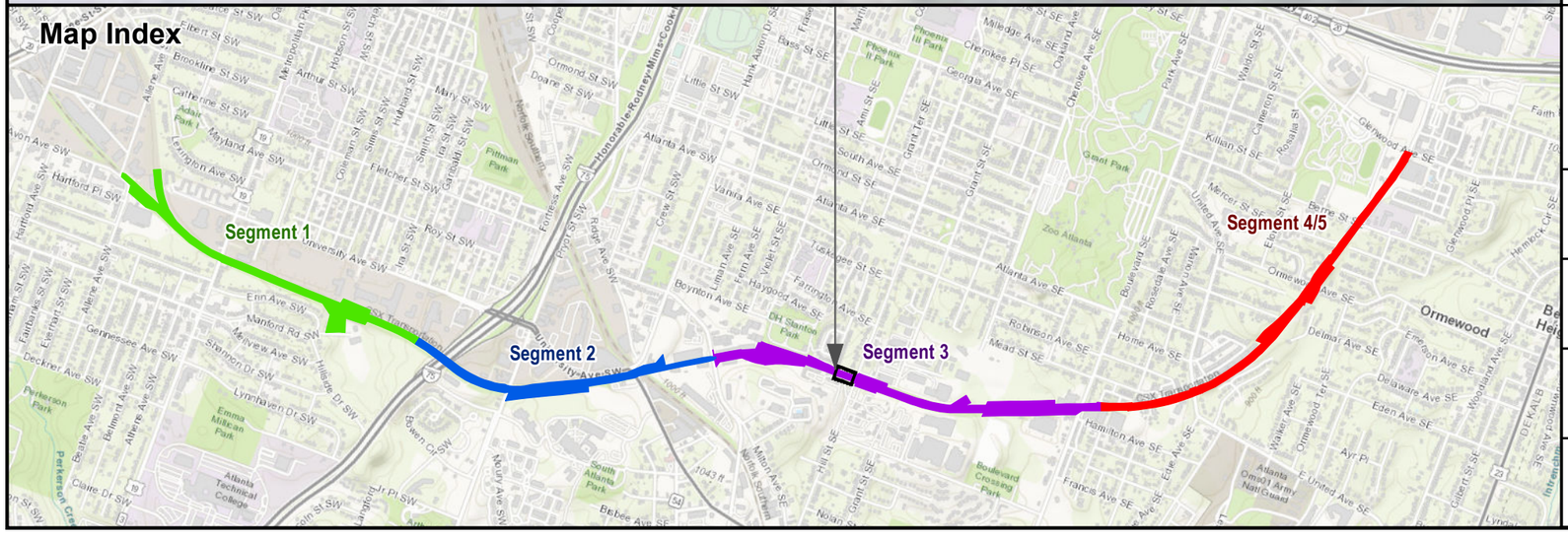
Exhibit 4

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

Map Index



Summary Notes & Legend

Estimated Cubic Yards (Proposed): 3.1 yd³

Approx. Station Number: 208+70

Constituents of Concern: Arsenic, Benzene

Proposed Depth of Excavation: 2.50 ft bgs

Measured Depth of Excavation (Center): 2.52 ft bgs

Utility Status: Conflict not removed

- Initial Soil Boring
- Delineation Boring
- Actual Remedial Limits
- Proposed Remedial
- Approx. GDOT Fiber
- MCI/Verizon Utility
- Segment 3 Boundary

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

N

PROJECT

Atlanta BeltLine Southside Trail - Segment 3

CLIENT

Kimley-Horn / BeltLine

SHEET TITLE

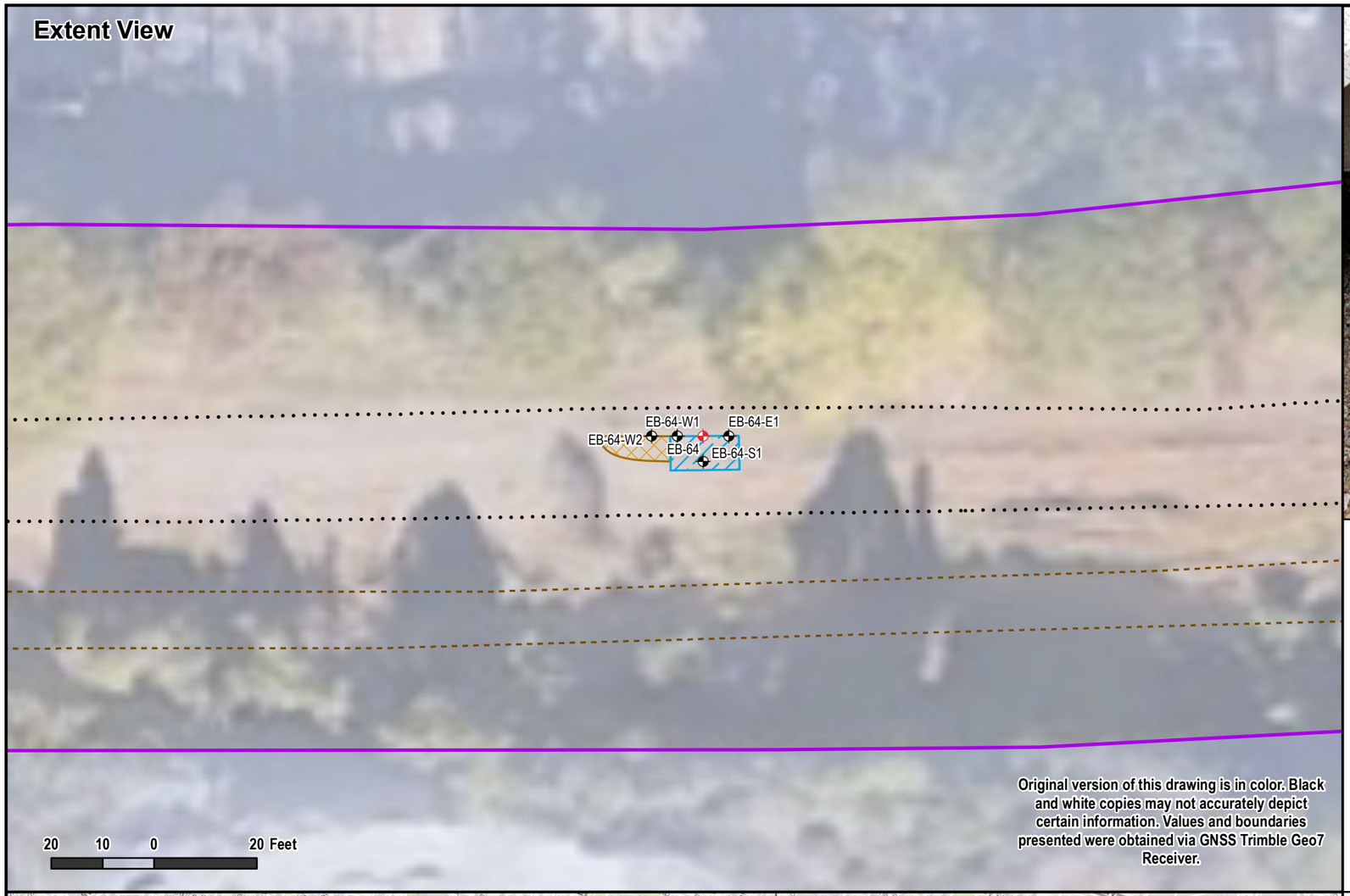
Remediation Area 5

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

DRAWING NUMBER

Exhibit 5

Extent View



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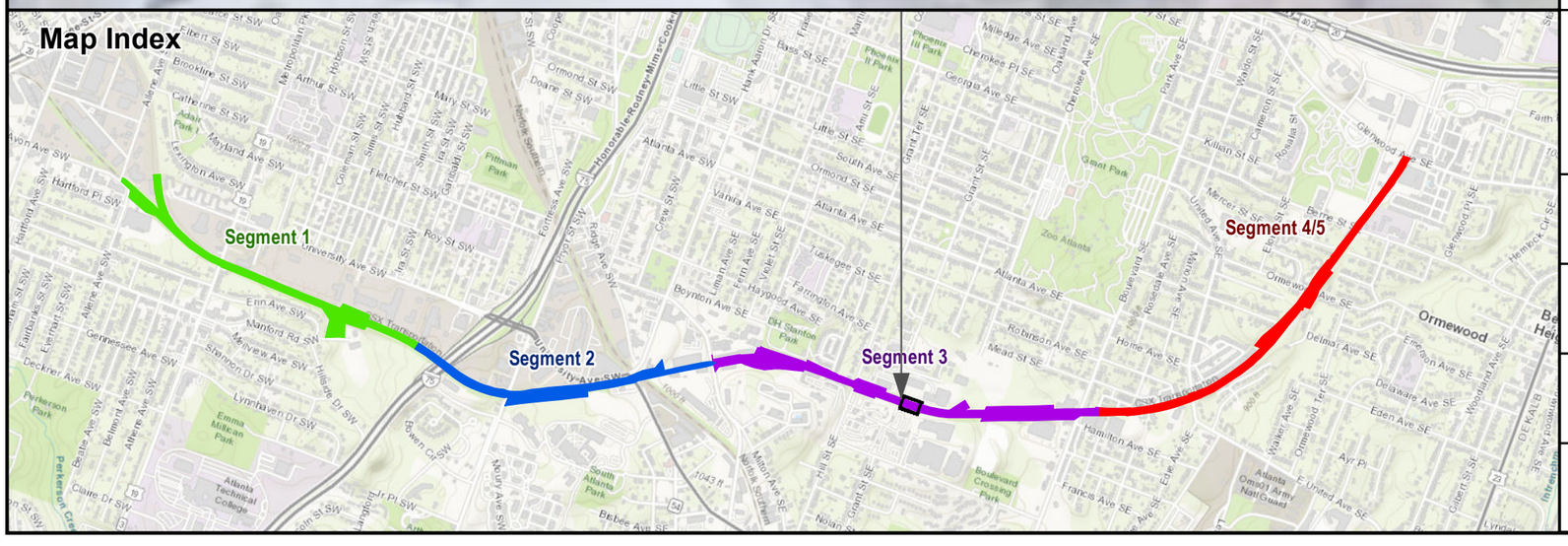
Remedial Photograph

Map Index



Summary Notes & Legend

Estimated Cubic Yards (Proposed): 5.4 yd³

Approx. Station Number: 218+65

Constituents of Concern: Arsenic, Benzene

Proposed Depth of Excavation: 2.50 ft bgs

Measured Depth of Excavation (Center): 2.80 ft bgs

Utility Status: Conflict not removed

- Initial Soil Boring
- Delineation Boring
- Actual Remedial Limits
- Proposed Remedial
- Approx. GDOT Fiber
- MCI/Verizon Utility
- Segment 3 Boundary

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

N

PROJECT

Atlanta BeltLine Southside Trail - Segment 3

CLIENT

Kimley-Horn / BeltLine

SHEET TITLE

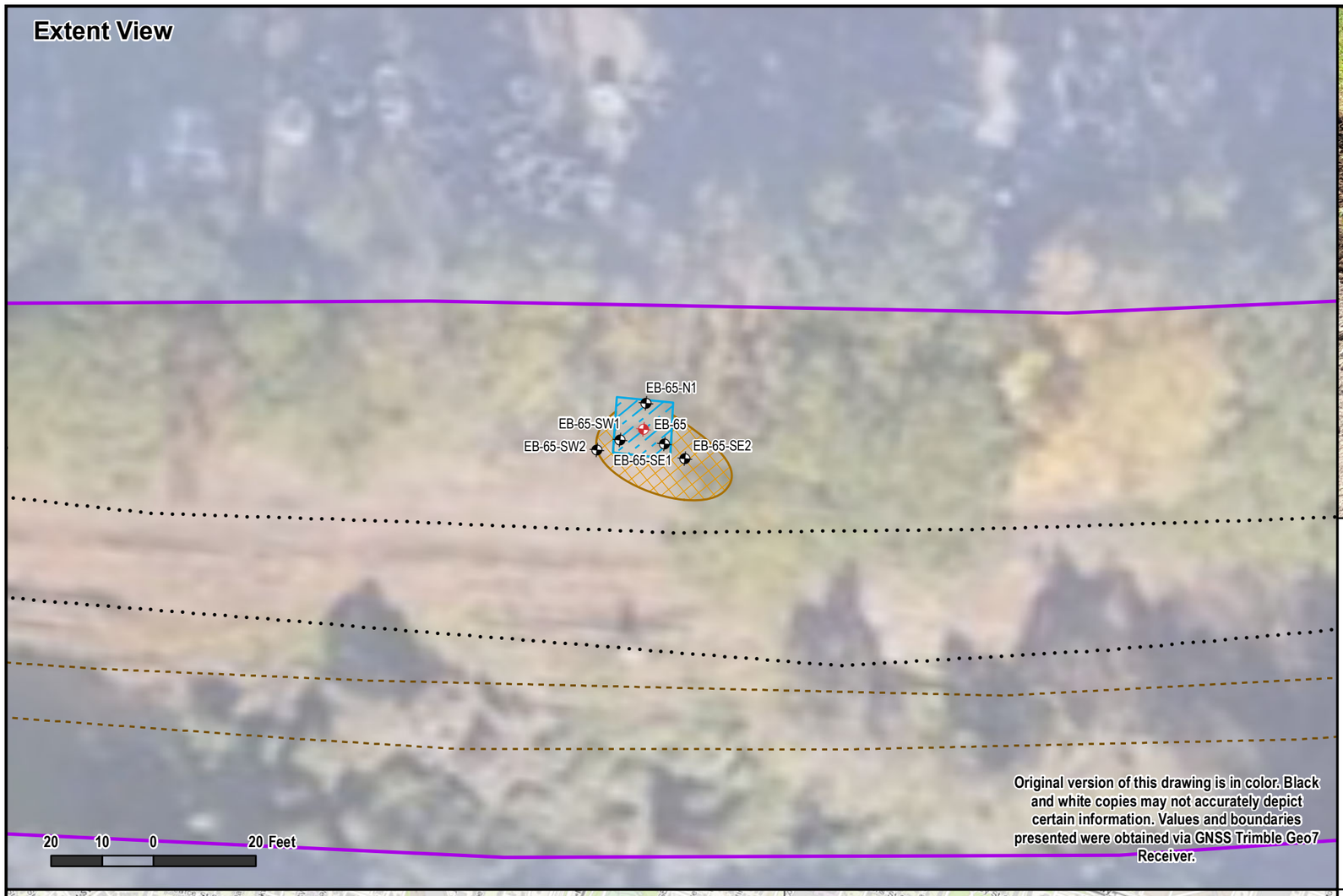
Remediation Area 6

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

DRAWING NUMBER

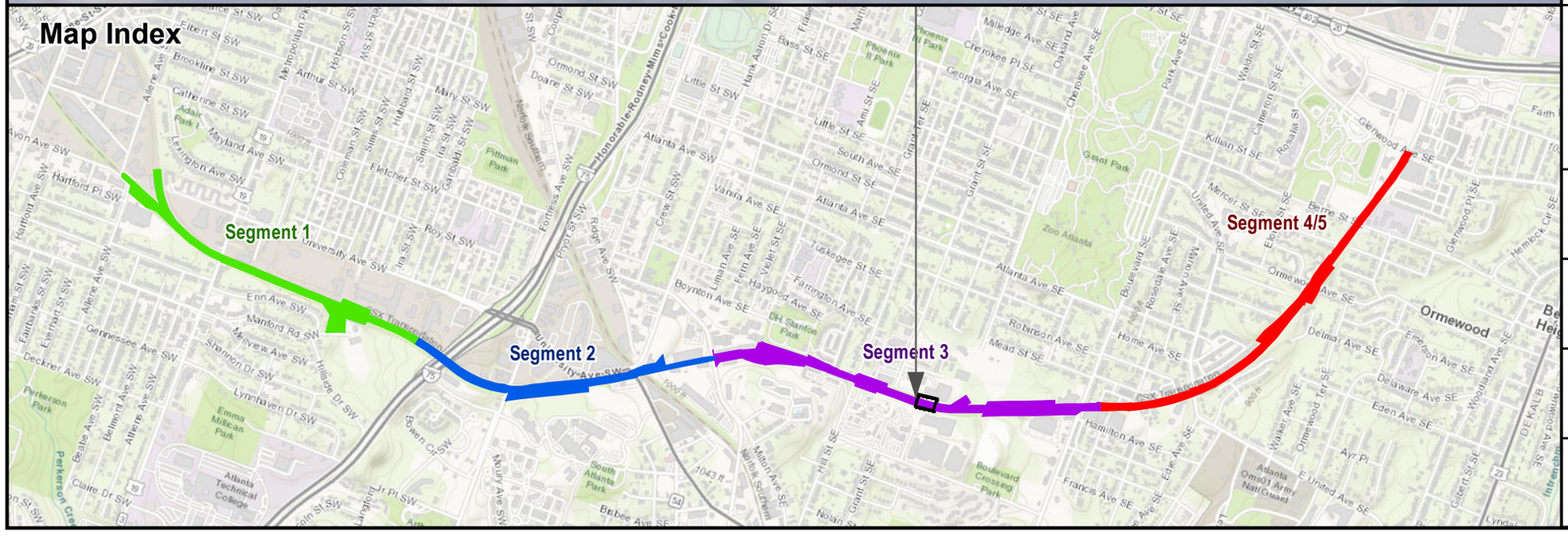
Exhibit 6

Extent View



Remedial Photograph

Map Index



Summary Notes & Legend

Estimated Cubic Yards (Proposed): 21.9 yd³

Approx. Station Number: 220+55

Constituents of Concern: Arsenic, B[a]P, B[b]F

Proposed Depth of Excavation: 2.50 ft bgs

Measured Depth of Excavation (Center): 2.82 ft bgs

Utility Status: No Conflict

- Initial Soil Boring
- Delineation Boring
- Actual Remedial Limits
- Proposed Remedial
- Approx. GDOT Fiber
- MCI/Verizon Utility
- Segment 3 Boundary

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.

UNITED CONSULTING
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

N

PROJECT

Atlanta BeltLine Southside Trail - Segment 3

CLIENT

Kimley-Horn / BeltLine

SHEET TITLE

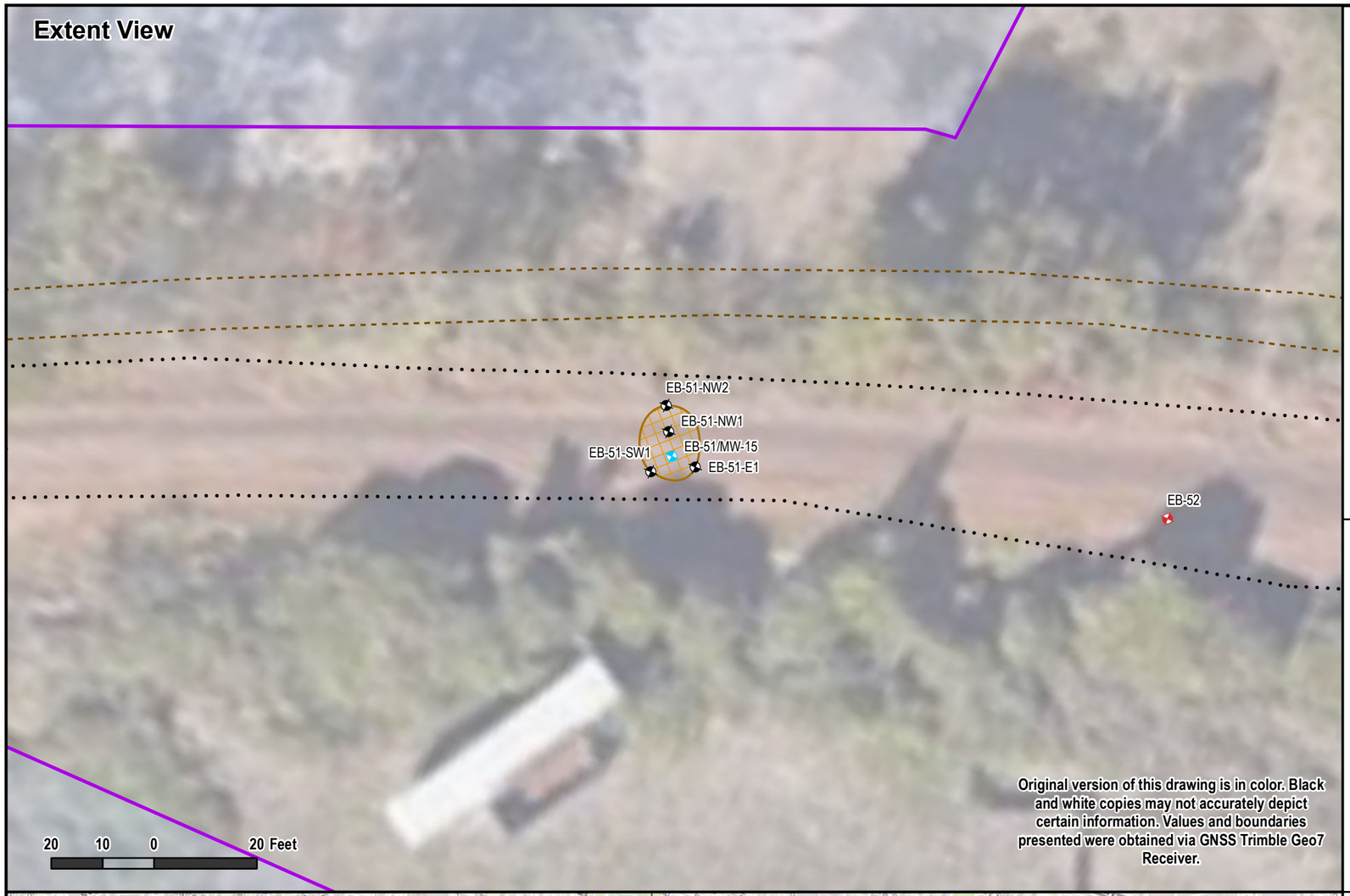
Remediation Area 7

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

DRAWING NUMBER

Exhibit 7

Extent View



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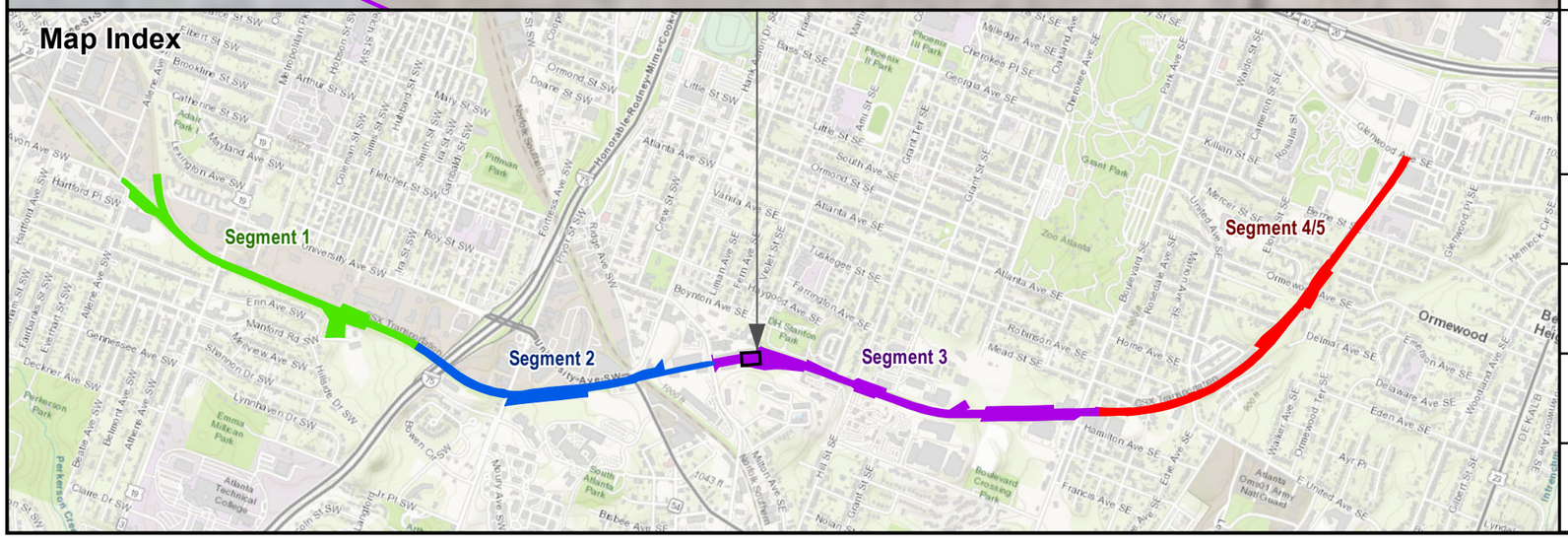
Map Index



Remedial Photograph

Pending Remediation

Summary Notes & Legend

Estimated Cubic Yards (Proposed): 5.1 yd³

Approx. Station Number: 194+05

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
- Temporary Monitoring Well
- Delineation Boring
- Proposed Remedial
- Approx. GDOT Fiber
- MCI/Verizon Utility
- Segment 3 Boundary

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.

UNITED CONSULTING
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 3

CLIENT

Kimley-Horn / BeltLine

SHEET TITLE

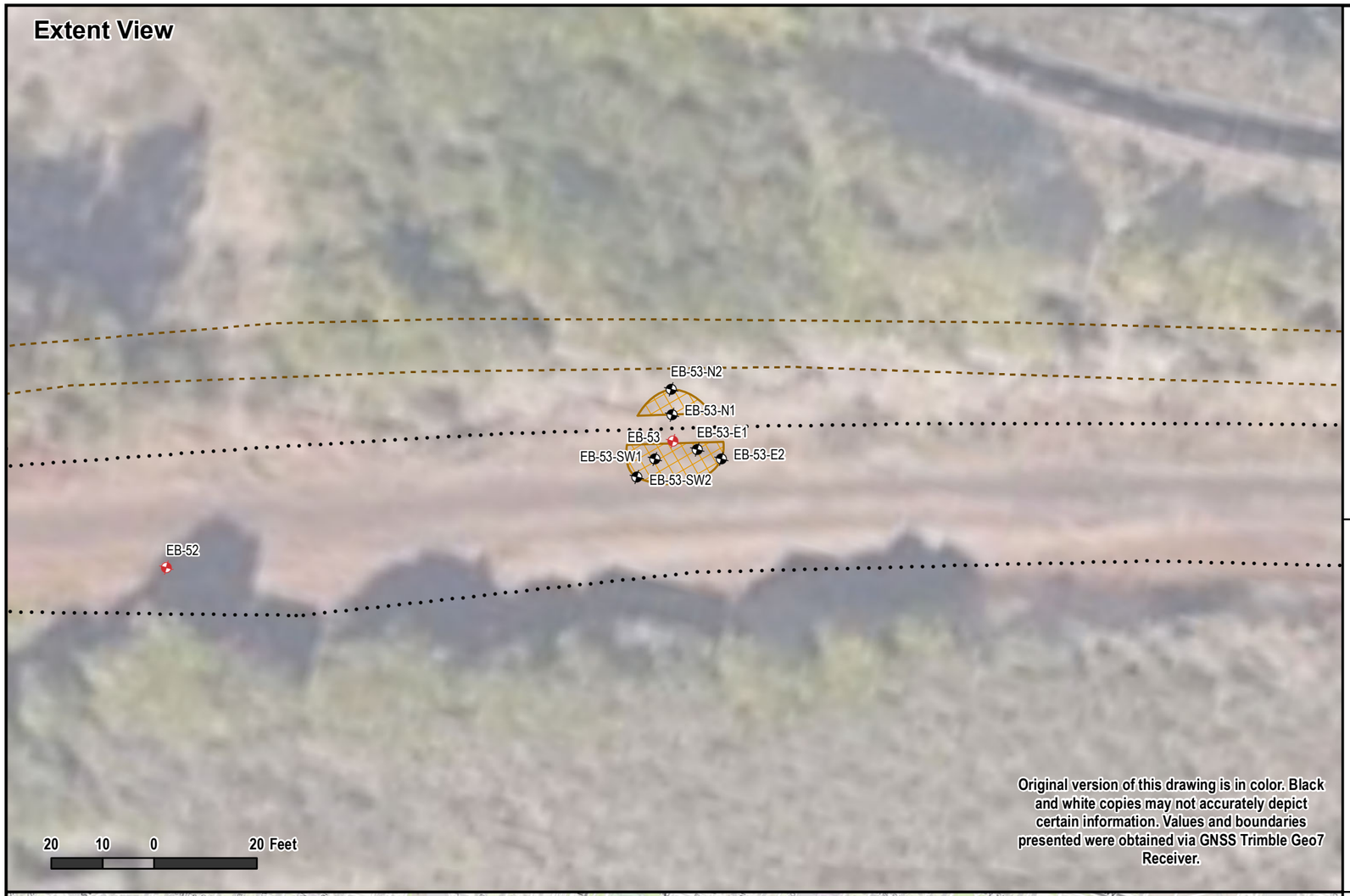
Remediation Area 39

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

DRAWING NUMBER

Exhibit 39

Extent View



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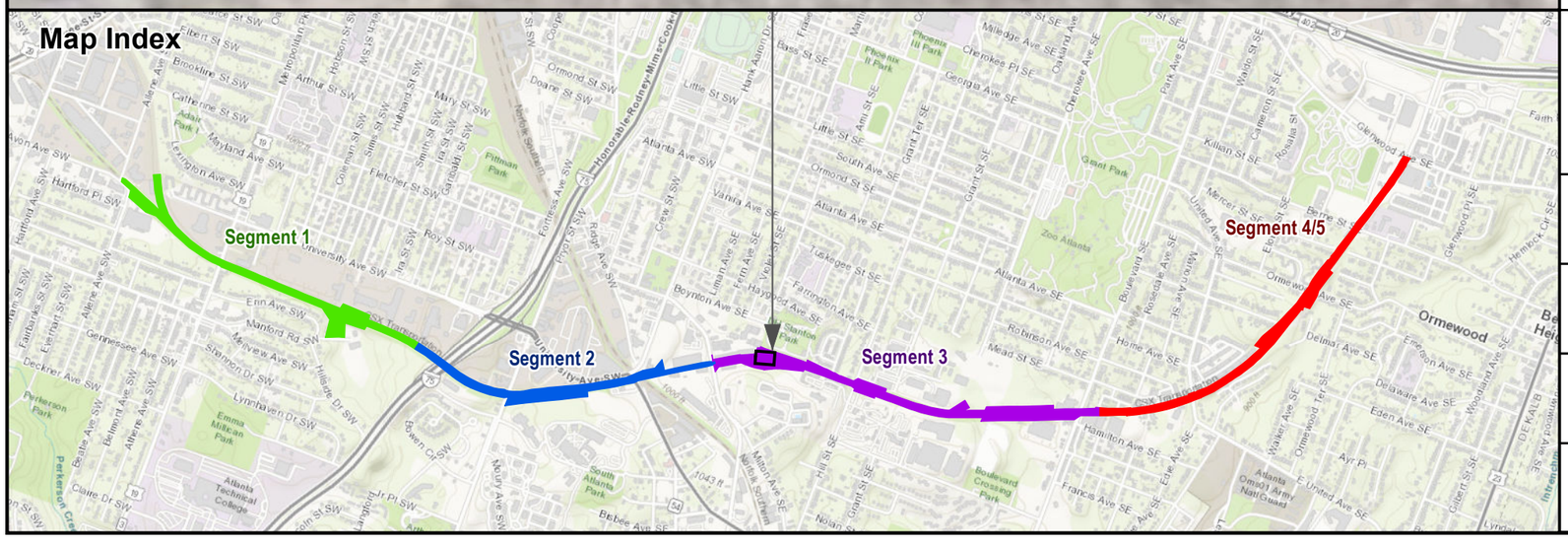
Map Index



Remedial Photograph

Pending Remediation

Summary Notes & Legend

Estimated Cubic Yards (Proposed): 19.4 yd³

Approx. Station Number: 197+05

Constituents of Concern: Arsenic

Proposed Depth of Excavation: 3.00 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 3 Boundary

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.

UNITED CONSULTING

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770-209-0029 Fax 582-2900 www.unitedconsulting.com

MAIN EXTENT SCALE AND DIRECTION

1 inch = 25 feet

PROJECT

Atlanta BeltLine Southside Trail - Segment 3

CLIENT

Kimley-Horn / BeltLine

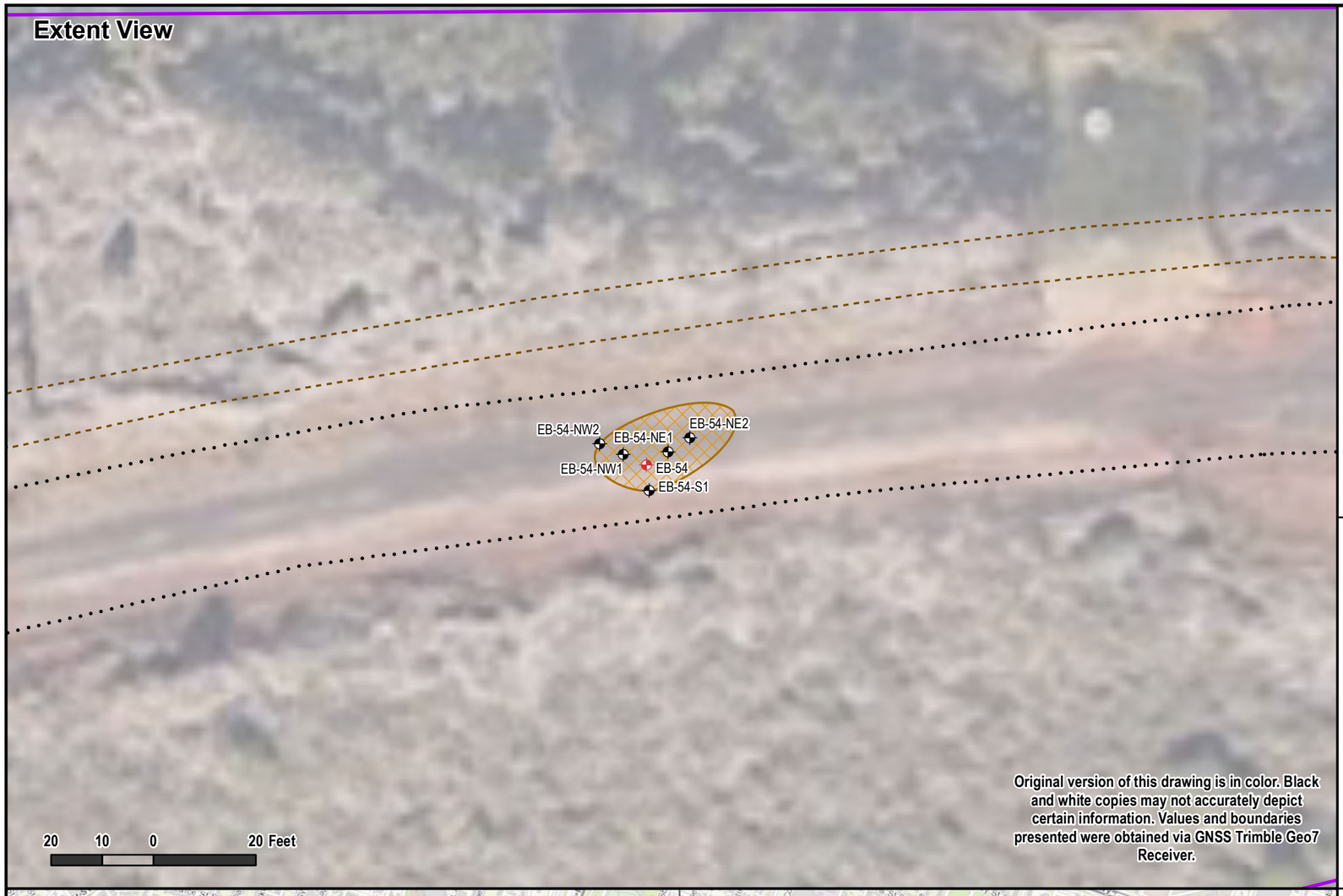
SHEET TITLE

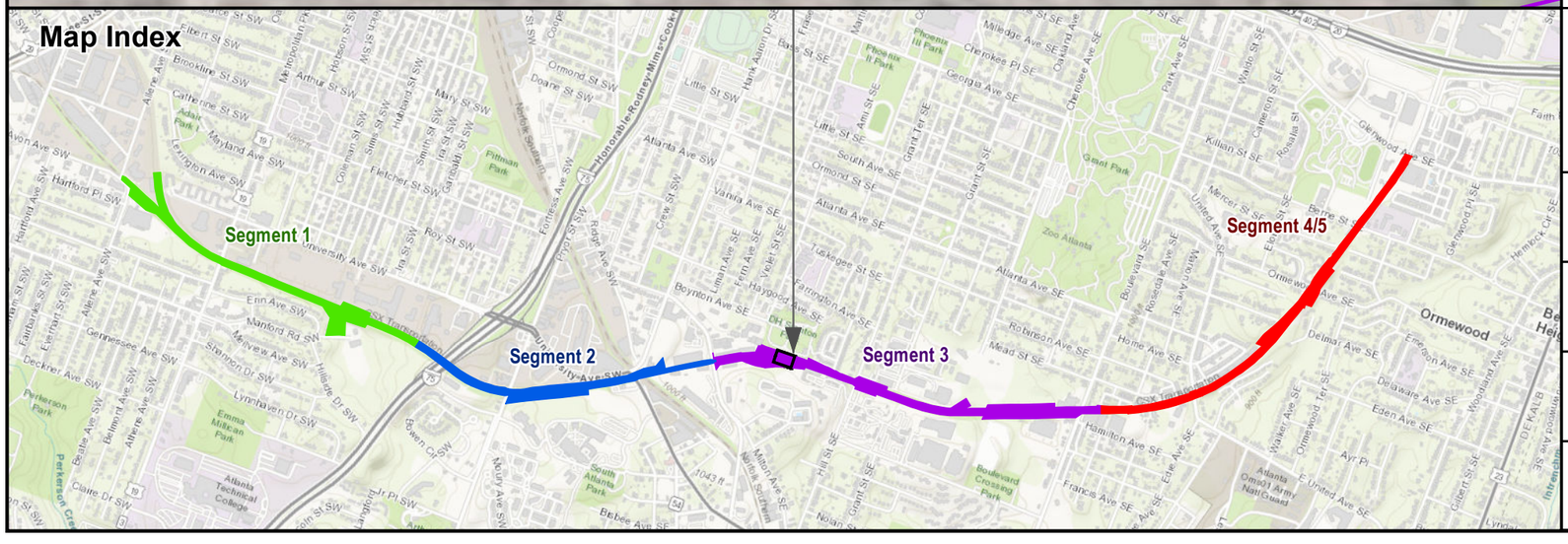
Remediation Area 40

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

DRAWING NUMBER

Exhibit 40





Remedial Photograph

Pending Remediation

Summary Notes & Legend

Estimated Cubic Yards (Proposed): 11.9 yd³

Approx. Station Number: 199+70

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 3 Boundary

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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770-209-0029 Fax 582-2900 www.unitedconsulting.com

MAIN EXTENT SCALE AND DIRECTION

1 inch = 25 feet

N

PROJECT

Atlanta BeltLine Southside Trail - Segment 3

CLIENT

Kimley-Horn / BeltLine

SHEET TITLE

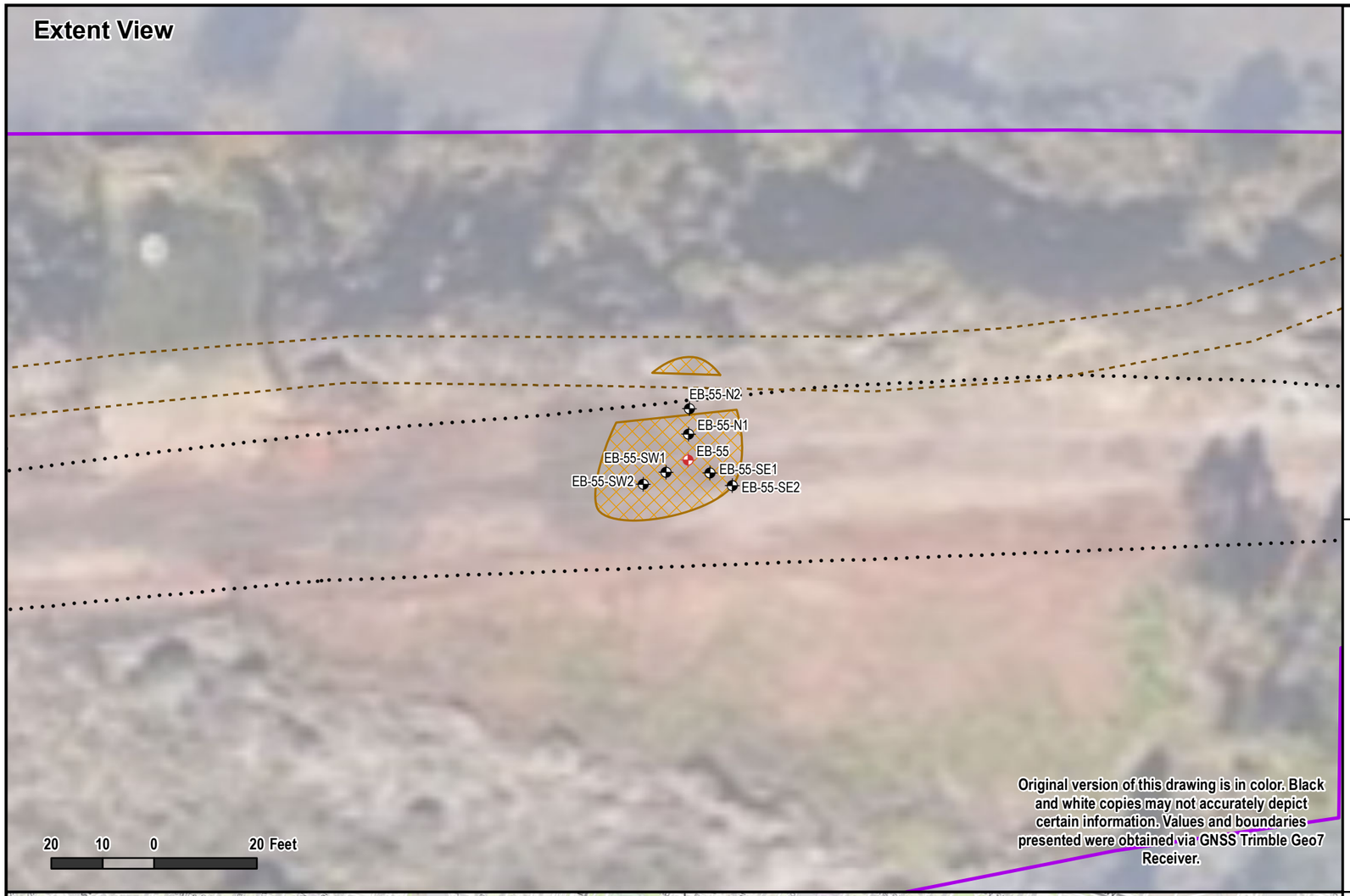
Remediation Area 41

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

DRAWING NUMBER

Exhibit 41

Extent View



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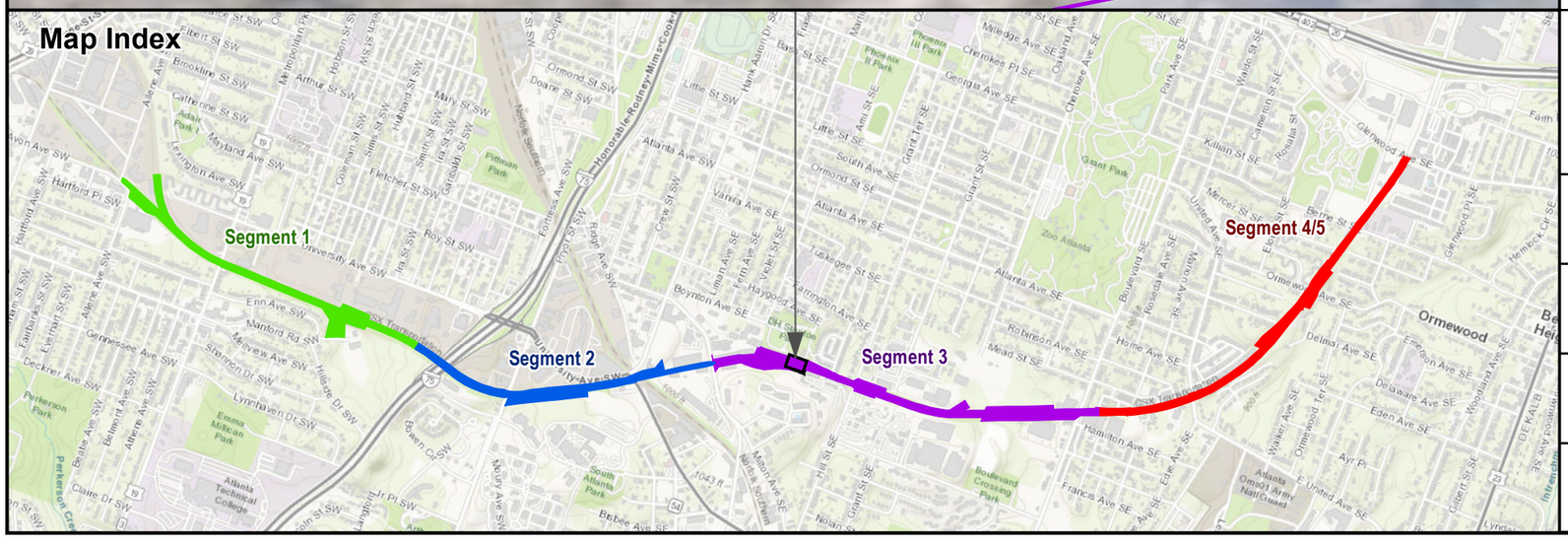
Map Index



Remedial Photograph

Pending Remediation

Summary Notes & Legend

Estimated Cubic Yards (Proposed): 48.2 yd³

Approx. Station Number: 201+65

Constituents of Concern: Arsenic

Proposed Depth of Excavation: 2.50 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 3 Boundary

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.

UNITED CONSULTING
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

N

PROJECT

Atlanta BeltLine Southside Trail - Segment 3

CLIENT

Kimley-Horn / BeltLine

SHEET TITLE

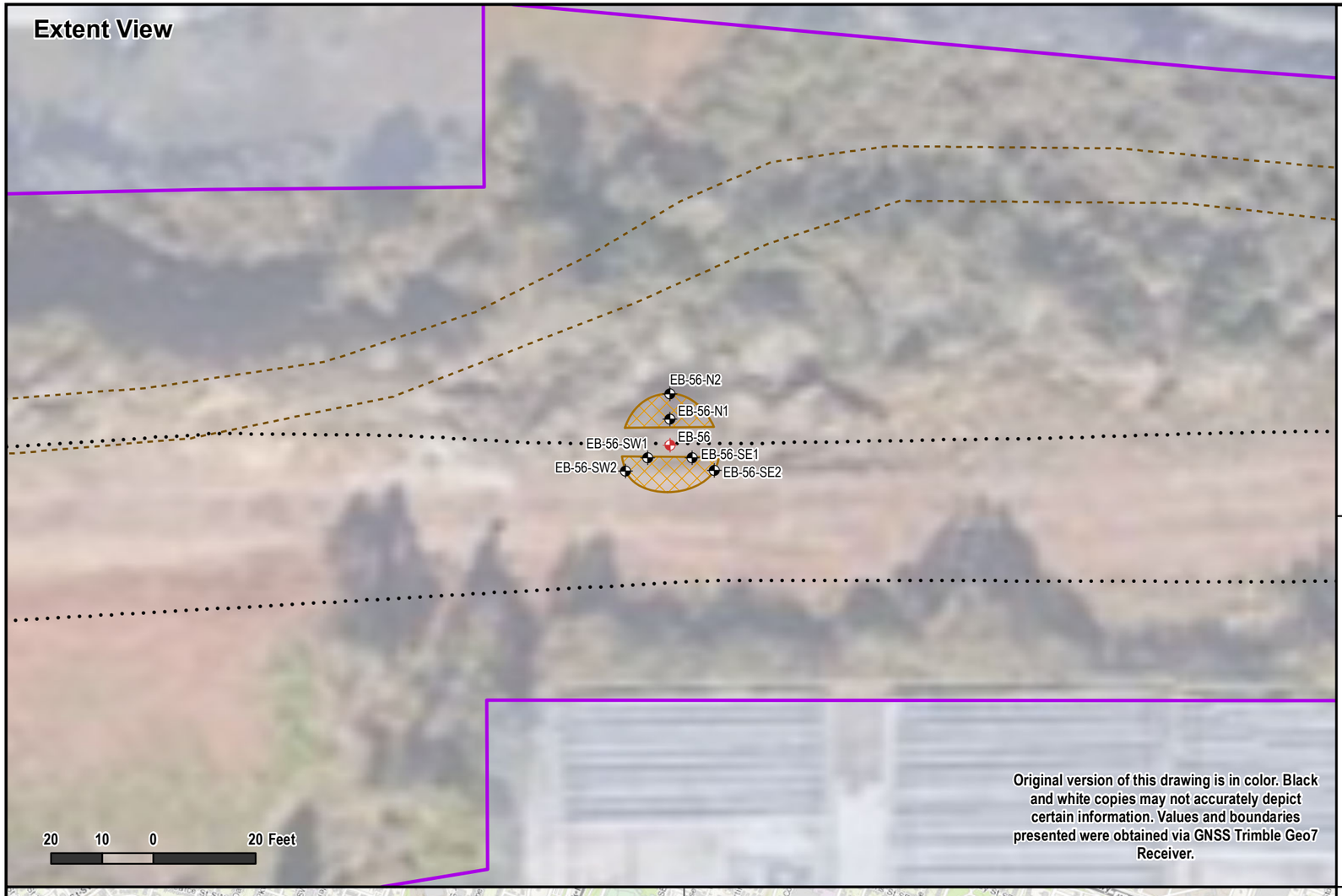
Remediation Area 42

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

DRAWING NUMBER

Exhibit 42

Extent View



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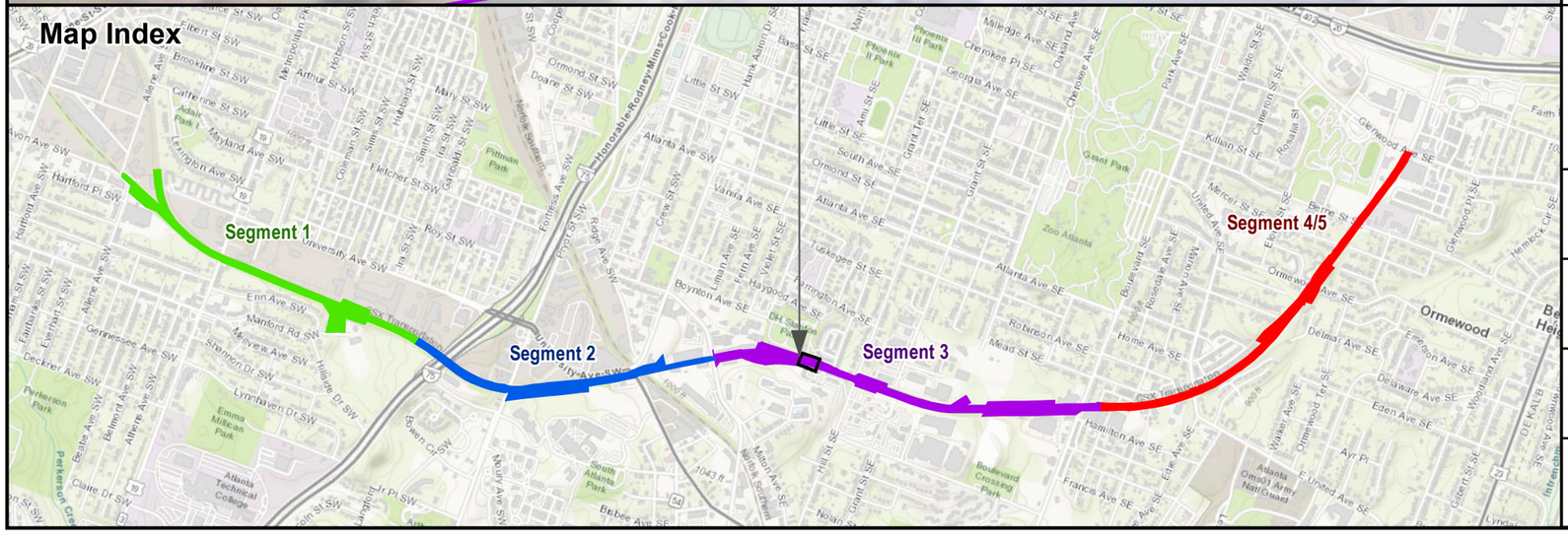
Map Index



Remedial Photograph

Pending Remediation

Summary Notes & Legend

Estimated Cubic Yards (Proposed): 17 yd³

Approx. Station Number: 203+30

Constituents of Concern: Arsenic

Proposed Depth of Excavation: 2.50 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 3 Boundary

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

N

PROJECT

Atlanta BeltLine Southside Trail - Segment 3

CLIENT

Kimley-Horn / BeltLine

SHEET TITLE

Remediation Area 43

UNITED CONSULTING
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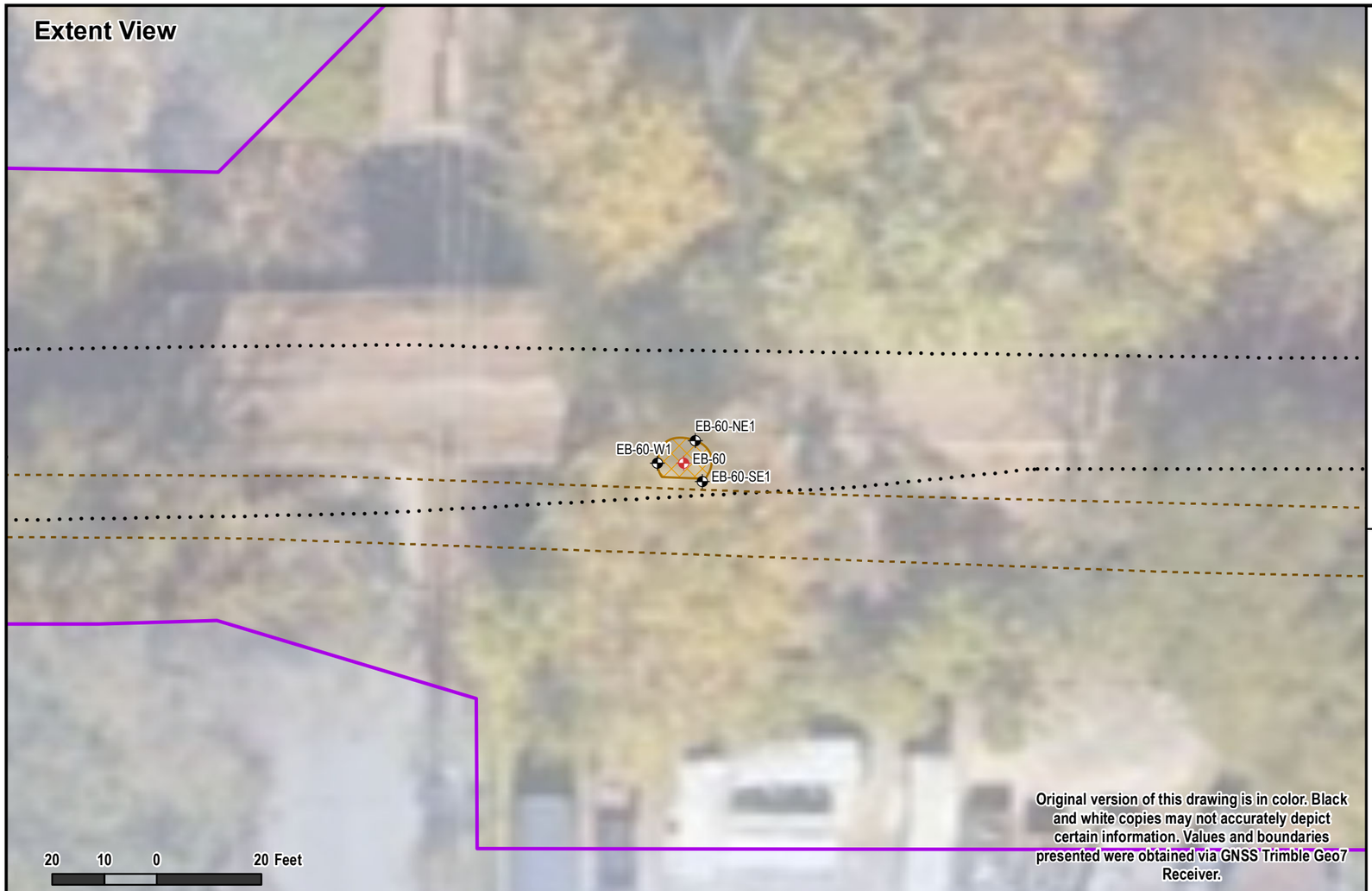
770-209-0029 Fax 582-2900 www.unitedconsulting.com

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

DRAWING NUMBER

Exhibit 43



Remedial Photograph

Pending Remediation

Summary Notes & Legend

Estimated Cubic Yards (Proposed): 5.2 yd³

Approx. Station Number: 211+80

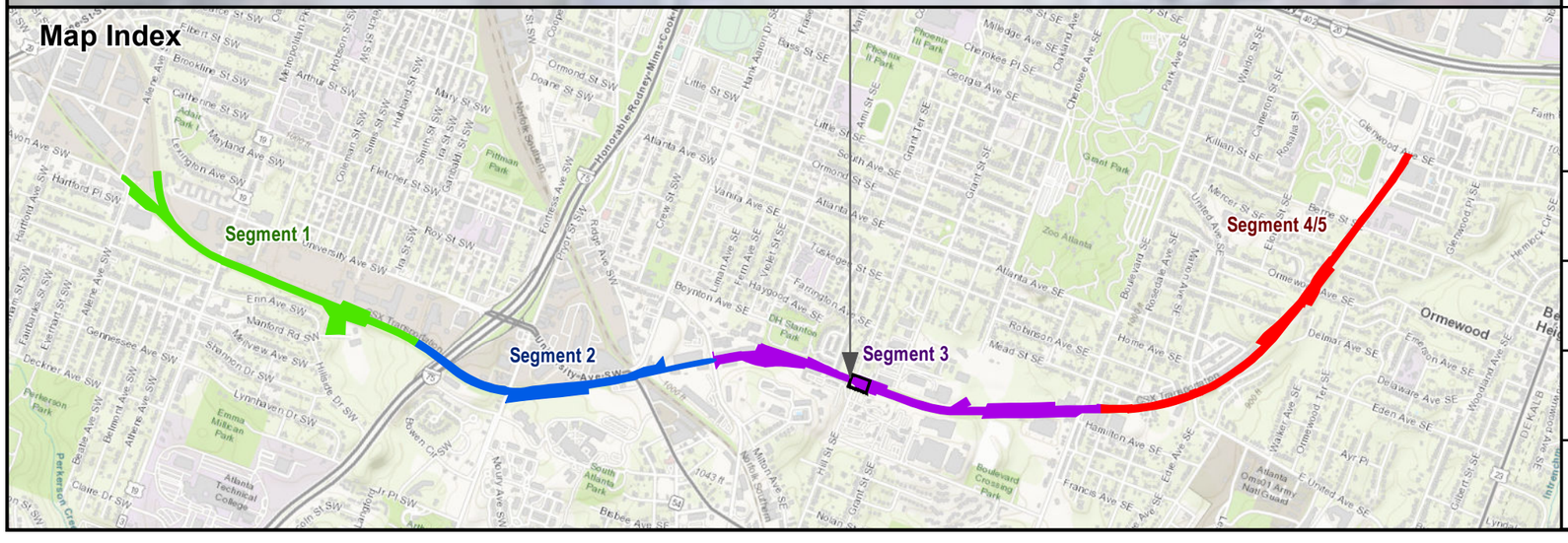
Constituents of Concern: Arsenic

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 3 Boundary



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 3

CLIENT

Kimley-Horn / BeltLine

SHEET TITLE

Remediation Area 44

UNITED CONSULTING
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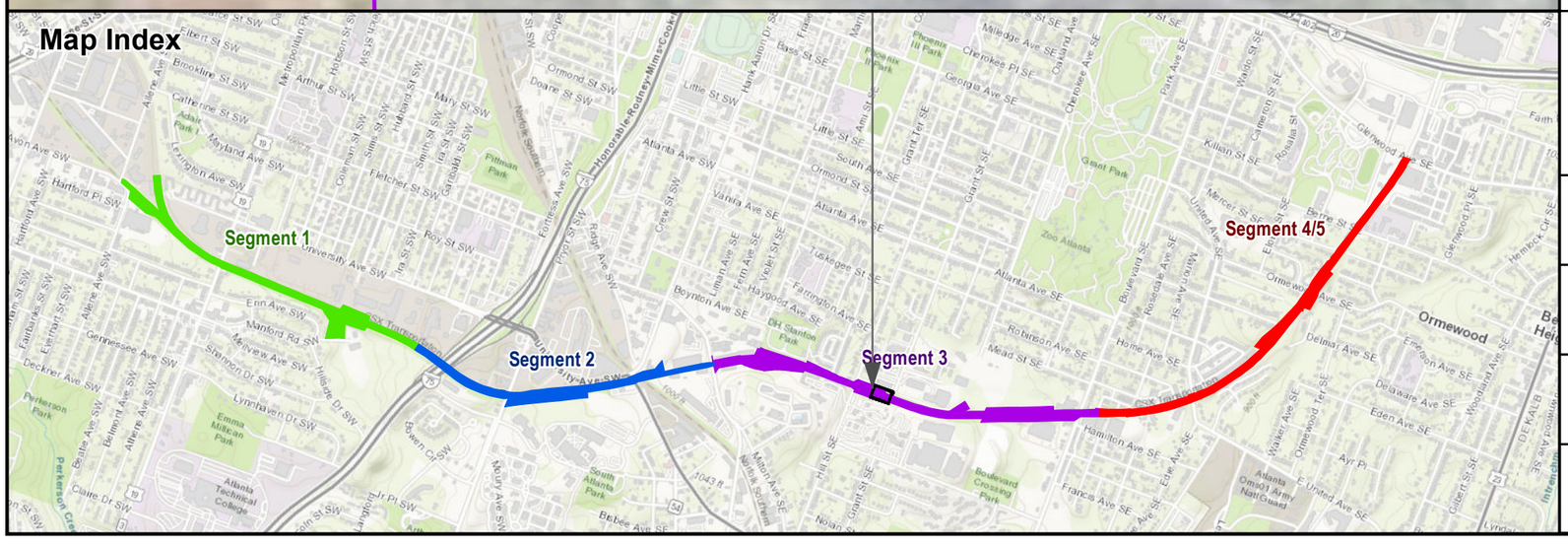
770-209-0029 Fax 582-2900 www.unitedconsulting.com

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

DRAWING NUMBER

Exhibit 44



Remedial Photograph

Pending Remediation

Summary Notes & Legend

Estimated Cubic Yards (Proposed): 38.9 yd³

Approx. Station Number: 214+30

Constituents of Concern: Arsenic

Proposed Depth of Excavation: 6.00 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 3 Boundary

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.

UNITED CONSULTING
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

N

PROJECT

Atlanta BeltLine Southside Trail - Segment 3

CLIENT

Kimley-Horn / BeltLine

SHEET TITLE

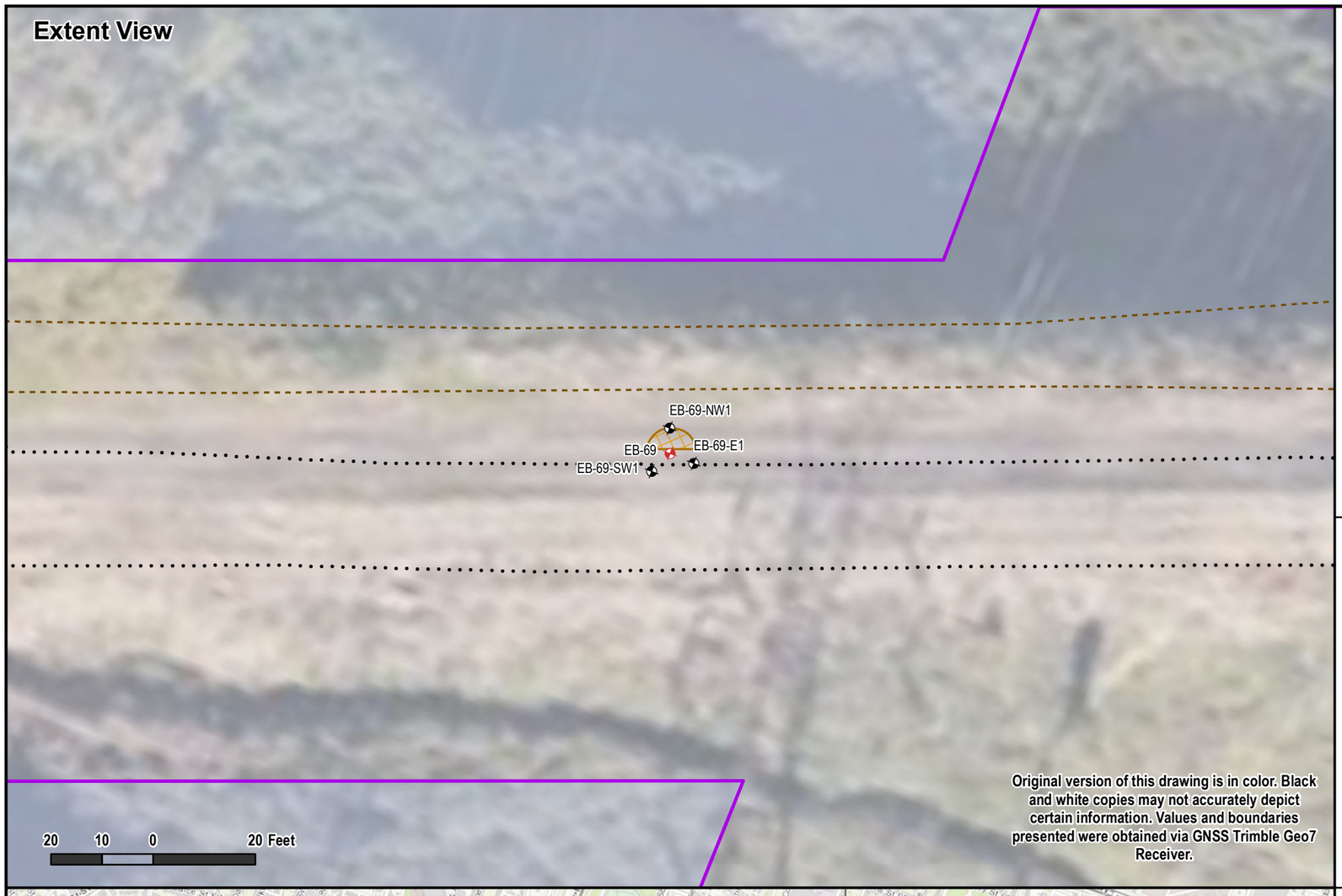
Remediation Area 45

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

DRAWING NUMBER

Exhibit 45

Extent View



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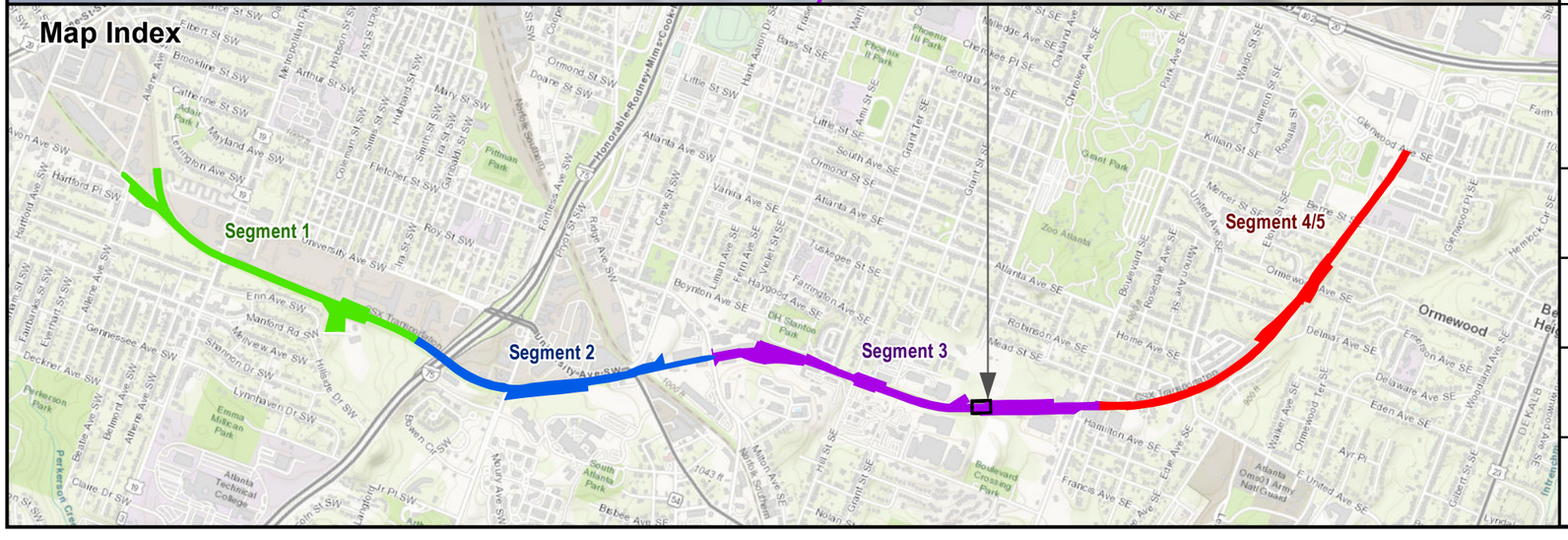
Map Index



Remedial Photograph

Pending Remediation

Summary Notes & Legend

Estimated Cubic Yards (Proposed): 1.1 yd³

Approx. Station Number: 228+55

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 3 Boundary

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 3

CLIENT

Kimley-Horn / BeltLine

SHEET TITLE

Remediation Area 46

UNITED CONSULTING

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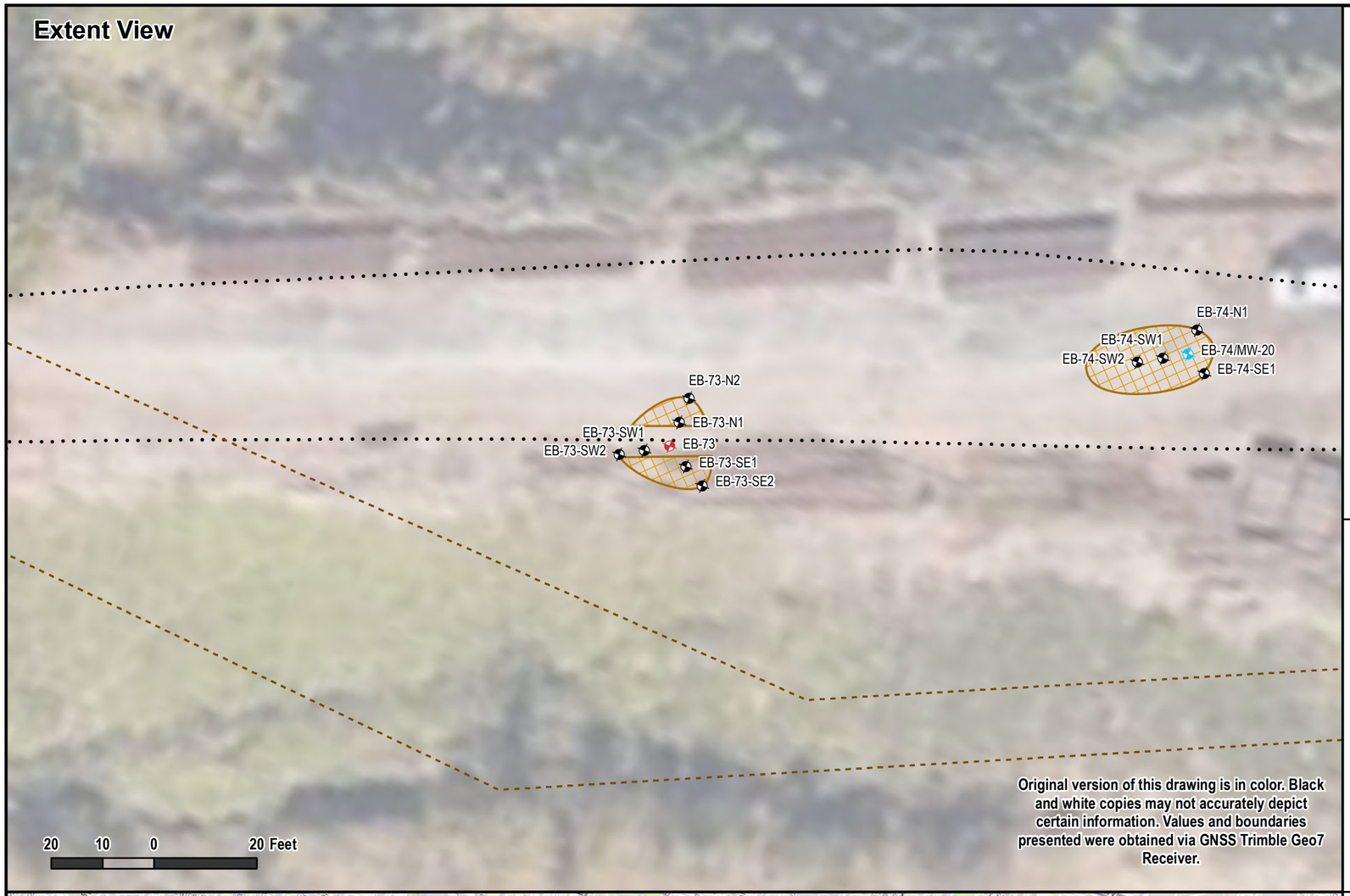
REVISION:	NA
PREPARED:	SCC
CHECKED:	BWS / RCG
DATE:	Oct 01, 2020
PROJECT NO.:	18-GA-01192-11/13

DRAWING NUMBER

Exhibit 46

Extent View



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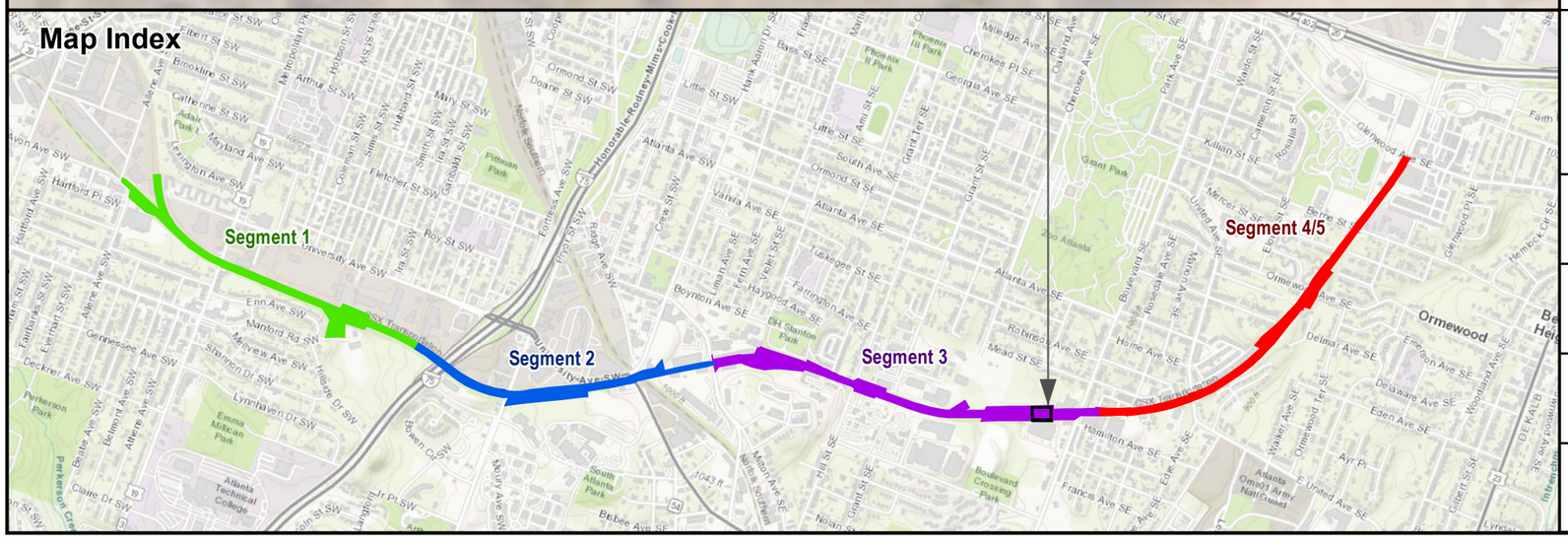
Map Index



Remedial Photograph

Pending Remediation

Summary Notes & Legend

Estimated Cubic Yards (Proposed): 25.9 yd³

Approx. Station Number: 236+92

Constituents of Concern: Arsenic

Proposed Depth of Excavation: 5.00 ft bgs

Measured Depth of Excavation (Center): 0.00 ft bgs

Utility Status: Conflict not removed

- Initial Soil Boring
- Temporary Monitoring Well
- Delineation Boring
- Proposed Remedial
- Approx. GDOT Fiber
- MCI/Verizon Utility
- Segment 3 Boundary

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.

UNITED CONSULTING

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770-209-0029 Fax 582-2900 www.unitedconsulting.com

MAIN EXTENT SCALE AND DIRECTION

1 inch = 25 feet

PROJECT

Atlanta BeltLine Southside Trail - Segment 3

CLIENT

Kimley-Horn / BeltLine

SHEET TITLE

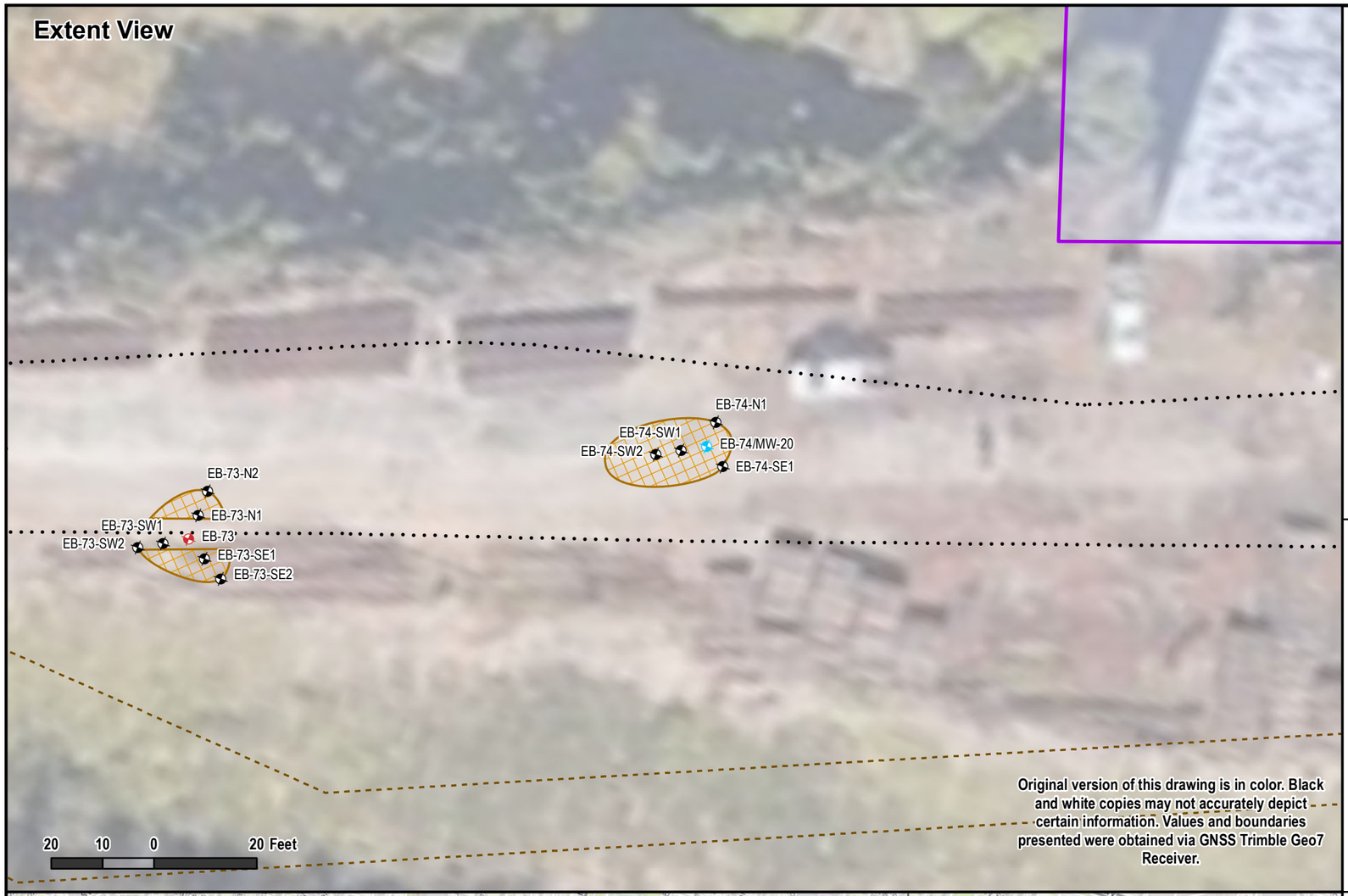
Remediation Area 47

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

DRAWING NUMBER

Exhibit 47

Extent View



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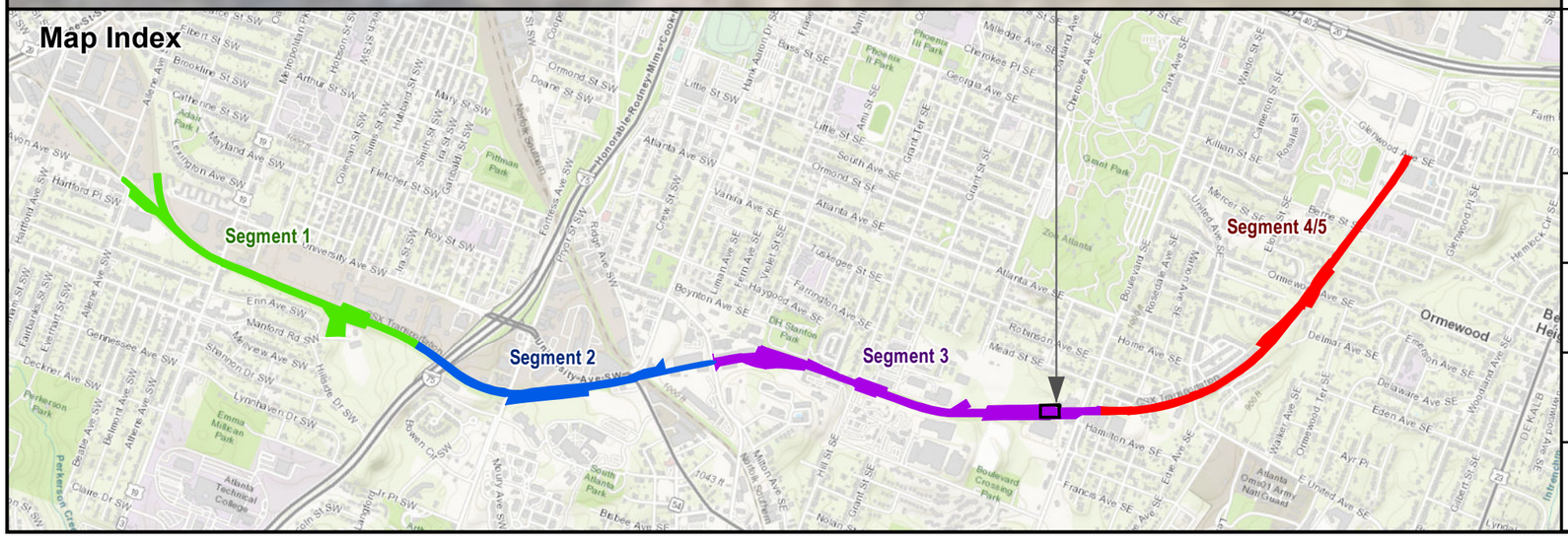
Map Index



Remedial Photograph

Pending Remediation

Summary Notes & Legend

Estimated Cubic Yards (Proposed): 29 yd³

Approx. Station Number: 237+95

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
- Temporary Monitoring Well
- Delineation Boring
- Proposed Remedial
- Approx. GDOT Fiber
- MCI/Verizon Utility
- Segment 3 Boundary

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.

UNITED CONSULTING

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MAIN EXTENT SCALE AND DIRECTION

1 inch = 25 feet

PROJECT

Atlanta BeltLine Southside Trail - Segment 3

CLIENT

Kimley-Horn / BeltLine

SHEET TITLE

Remediation Area 48

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

DRAWING NUMBER

Exhibit 48

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:

- 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

					RCRA-Metals (mg/Kg)		VOCs (ug/Kg)	SVOCs (ug/Kg)	
					Arsenic	Lead	Benzene	Benzo(a)pyrene	Benzo(b)fluoranthracene
				Type 3/4	38	400	500	1,640	5,000
				Type 5	63	—	—	—	—
Remediation Area 4	App. Station ID: 206+25	Sample ID	Depth	Date Collected	Atlanta BeltLine Segment 3				
		EB-57	0-2	6/4/2018	27.8	315	<260	1900	2300
		EB-57R	2.5-3	3/7/2019	—	—	—	<440	—
		EB-57-S1	0-1		—	—	—	3600	—
		EB-57-S2	0-1		—	—	—	860	—
		EB-57-W1	0-1		—	—	—	<380	—
		EB-57-E1	0-1		—	—	—	2000	—
		EB-57-E2	0-1		—	—	—	930	—
		Soil Remediation Dates:	5/10/2019	Existing Elevation:		961.00'	Proposed Elevation:		956.85'
Remediation Area 5	App. Station ID: 208+70	Sample ID	Depth	Date Collected	Atlanta BeltLine Segment 3				
		EB-59	0-2	6/7/2018	297	132	730	<520	600
		EB-59R	2.5-3	3/6/2019	<2.37	—	<0.80	—	—
		EB-59-S1	0-2		2.73	—	<1.1	—	—
		EB-59-W1	0-0.5		304	—	<1.1	—	—
		EB-59-W2	0-2		98.5	—	—	—	—
		EB-59-E1	0-2		142	—	<1.5	—	—
		DUP-4-NONAS	0-2		<2.3	—	<1.4	—	—
		EB-59-E2	0-2		<2.45	—	—	—	—
		Soil Remediation Dates:	5/10/2019 & TBD	Existing Elevation:		958.00'	Proposed Elevation:		956.00'
Remediation Area 6	App. Station ID: 218+65	Sample ID	Depth	Date Collected	Atlanta BeltLine Segment 3				
		EB-64	0-2	5/31/2018	108	73.5	610	<390	<390
		EB-64R	2.5-3	3/6/2019	<2.45	—	<0.86	—	—
		DUP-3-NONAS	2.5-3		<2.15	—	—	—	—
		EB-64-E1	0-1		34.9	—	<1.1	—	—
		EB-64-W1	0-1		199	—	<1.1	—	—
		EB-64-W2	0-1		69.2	—	—	—	—
		EB-64-S1	0-1		14	—	<0.72	—	—
		Soil Remediation Dates:	5/10/2019 & TBD	Existing Elevation:		948.00'	Proposed Elevation:		946.00'
Remediation Area 7	App. Station ID: 220+55	Sample ID	Depth	Date Collected	Atlanta BeltLine Segment 3				
		EB-65	0-2	5/31/2018	246	131	< 11	3200	8800
		EB-65R	2.5-3	3/6/2019	<2.13	—	—	<380	<380
		EB-65-N1	0-2		21.9	—	—	<400	460
		DUP-2-NONAS	0-2		25.7	—	—	<400	470
		EB-65-SE1	0-2		246	—	—	<410	730
		EB-65-SE2	0-2		41.6	—	—	—	—
		EB-65-SW1	0-2		198	—	—	<400	610
		EB-65-SW2	0-2		10.3	—	—	—	—
		Soil Remediation Dates:	5/10/2019 & TBD	Existing Elevation:		946.00'	Proposed Elevation:		945.00'
Remediation Area 39	App. Station ID: 194+05	Sample ID	Depth	Date Collected	Atlanta BeltLine Segment 3				
		EB-51	0-2	5/31/2018	115	158	<320	<440	<440
		EB-51A	3-4	7/13/2020	360	—	—	—	—
		EB-51-NW1	0-2		81.1	—	—	—	—
		EB-51-NW2	0-2		22.6				
		EB-51-E1	0-2		17.6	—	—	—	—
		EB-51-SW1	0-2		2.15	—	—	—	—
		DUP-24	0-2		5.61	—	—	—	—
		Soil Remediation Dates:	TBD	Existing Elevation:		971.50'	Proposed Elevation:		971.50'

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

Notes:

- 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

				RCRA-Metals (mg/Kg)		VOCs (ug/Kg)	SVOCs (ug/Kg)	
				Arsenic	Lead	Benzene	Benzo(a)pyrene	Benzo(b)fluoranthracene
			Type 3/4	38	400	500	1,640	5,000
			Type 5	63	—	—	—	—
Remediation Area 40	App. Station ID: 197+05	Sample ID	Depth	Date Collected	Atlanta BeltLine Segment 3				
		EB-53	0-2	6/7/2018	67.8	93.1	<380	<410	570
		EB-53A	3-4	7/13/2020	57	—	—	—	—
		EB-53-N1	0-2		51	—	—	—	—
		EB-53-N2	0-2		31.7	—	—	—	—
		EB-53-SW1	0-2	7/10/2020	246	—	—	—	—
		EB-53-SW2	0-2		10.1	—	—	—	—
		EB-53-SE1	0-2		160	—	—	—	—
		EB-53-SE2	0-2		12.4	—	—	—	—
		Soil Remediation Dates:	TBD	Existing Elevation:		971.25'	Proposed Elevation:		969.50'
Remediation Area 41	App. Station ID: 199+70	Sample ID	Depth	Date Collected	Atlanta BeltLine Segment 3				
		EB-54	0-2	6/4/2018	80.4	114	<310	510	1300
		EB-54A	3-4	7/10/2020	<2.65	—	—	—	—
		EB-54-NW1	0-2		222	—	—	—	—
		EB-54-NW2	0-2		19.7	—	—	—	—
		EB-54-NE1	0-2		55.1	—	—	—	—
		EB-54-NE2	0-2		88.1	—	—	—	—
		EB-54-S1	0-2		<2.87	—	—	—	—
		DUP-23	0-2		<2.9	—	—	—	—
		Soil Remediation Dates:	TBD	Existing Elevation:		966.00'	Proposed Elevation:		966.56
Remediation Area 42	App. Station ID: 201+65	Sample ID	Depth	Date Collected	Atlanta BeltLine Segment 3				
		EB-55	0-2	6/4/2018	197	150	<310	<400	760
		EB-55A	3-4	7/10/2020	18	—	—	—	—
		EB-55-N1	0-2		96.8	—	—	—	—
		EB-55-N2	0-2		282	—	—	—	—
		EB-55-SE1	0-2		142	—	—	—	—
		EB-55-SE2	0-2		20.5	—	—	—	—
		EB-55-SW1	0-2		74.3	—	—	—	—
		EB-55-SW2	0-2		85.5	—	—	—	—
		Soil Remediation Dates:	TBD	Existing Elevation:		964.00'	Proposed Elevation:		962.82'
Remediation Area 43	App. Station ID: 203+30	Sample ID	Depth	Date Collected	Atlanta BeltLine Segment 3				
		EB-56	0-2	6/4/2018	68.7	59.7	<320	<430	480
		EB-56A	3-4	7/13/2020	69.6	—	—	—	—
		EB-56-N1	0-2		50.9	—	—	—	—
		DUP-22	0-2		58.5	—	—	—	—
		EB-56-N2	0-2		9.05	—	—	—	—
		EB-56-SW1	0-2		73	—	—	—	—
		EB-56-SW2	0-2		14.2	—	—	—	—
		EB-56-SE1	0-2		95	—	—	—	—
		EB-56-SE2	0-2		8.96	—	—	—	—
		Soil Remediation Dates:	TBD	Existing Elevation:		962.50'	Proposed Elevation:		961.00'
Remediation Area 44	App. Station ID: 211+80	Sample ID	Depth	Date Collected	Atlanta BeltLine Segment 3				
		EB-60	0-2	6/4/2018	145	112	<210	1400	2100
		EB-60A	2-3	7/10/2020	<2.62	—	—	—	—
		EB-60-NE1	0-2		12.4	—	—	—	—
		EB-60-SE1	0-2		15.6	—	—	—	—
		EB-60-W1	0-2		12.7	—	—	—	—
		DUP-21	0-2		14.4	—	—	—	—
		Soil Remediation Dates:	TBD	Existing Elevation:		948.00'	Proposed Elevation:		946.00'

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

Notes:

- — 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

					RCRA-Metals (mg/Kg)		VOCs (ug/Kg)	SVOCs (ug/Kg)	
					Arsenic	Lead	Benzene	Benzo(a)pyrene	Benzo(b)fluoranthracene
Highlighted indicates value greater than RRS				Type 3/4	38	400	500	1,640	5,000
				Type 5	63	—	—	—	—
Remediation Area 45	App. Station ID: 214+30	Sample ID	Depth	Date Collected	Atlanta BeltLine Segment 3				
		EB-62	0-2	5/30/2018	41.6	31.8	<5.7	<440	<440
		DUP-1	0-2	5/31/2018	57.2	41.1	<5.3	<390	490
		EB-62A	2-3	7/10/2020	121	—	—	—	—
		EB-62-NW1	0-2		107	—	—	—	—
		EB-62-NW2	0-2		274	—	—	—	—
		EB-62-NE1	0-2		3.21	—	—	—	—
		EB-62-S1	0-2		23.5	—	—	—	—
		Soil Remediation Dates:	TBD	Existing Elevation:		952.00'	Proposed Elevation:		947.43'
Remediation Area 46	App. Station ID: 228+55	Sample ID	Depth	Date Collected	Atlanta BeltLine Segment 3				
		EB-69	0-2	5/30/2018	57.2	33.2	<6.7	<410	580
		EB-69A	2-3	7/10/2020	2.63	—	—	—	—
		EB-69-NW1	0-2		11.8	—	—	—	—
		EB-69-SW1	0-2		< 2.5	—	—	—	—
		EB-69-E1	0-2		< 2.38	—	—	—	—
		DUP-19	0-2		4.04	—	—	—	—
		Soil Remediation Dates:	TBD	Existing Elevation:		939.59'	Proposed Elevation:		939.59'
Remediation Area 47	App. Station ID: 236+95	Sample ID	Depth	Date Collected	Atlanta BeltLine Segment 3				
		EB-73	0-2	5/30/2018	515	86.5	<5.8	1100	3400
		EB-73A	3-4	7/9/2020	556	—	—	—	—
		EB-73-N1	0-2		188	—	—	—	—
		EB-73-N2	0-2		35.4	—	—	—	—
		EB-73-SE1	0-2		405	—	—	—	—
		EB-73-SE2	0-2		48.9	—	—	—	—
		EB-73-SW1	0-2		140	—	—	—	—
		EB-73-SW2	0-2		13.4	—	—	—	—
		Soil Remediation Dates:	TBD	Existing Elevation:		936.00'	Proposed Elevation:		932.38'
Remediation Area 48	App. Station ID: 237+95	Sample ID	Depth	Date Collected	Atlanta BeltLine Segment 3				
		EB-74	0-2	6/14/2018	91.7	112	< 7.8	< 420	1200
		DUP-10	0-2		54.6	145	< 8.2	< 410	520
		EB-74A	3-4	7/9/2020	12.9	—	—	—	—
		EB-74-N1	0-2		13.8	—	—	—	—
		EB-74-SE1	0-2		28	—	—	—	—
		EB-74-SW1	0-2		61.7	—	—	—	—
		DUP-18	0-2		281	—	—	—	—
		EB-74-SW2	0-2		295	—	—	—	—
		Soil Remediation Dates:	TBD	Existing Elevation:		936.00'	Proposed Elevation:		933.22

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
4	3	EB-57	B[a]P	121	Conflict not being removed / Previously Remediated for benzo(a)pyrene	2.5	2.5	303	-[2]	-	-
5	3	EB-59	As, Benzene	33	Conflict not being removed / Previously Remediated for benzene	2.5	2.52, TBD	83	3.1	5	6
6	3	EB-64	As, Benzene	58	Conflict not being removed / Previously Remediated for benzene	2.5	2.8, TBD	145	5.4	8	10
7	3	EB-65	As, B[a]P, B[b]F	236	NA / Previously Remediated for non-Arsenic	2.5	2.82, TBD	590	21.9	33	39
39	3	EB-51	As	138	NA	1.0	TBD	138	5.1	8	9
40	3	EB-53	As	175	Conflict not being removed	3.0	TBD	525	19.4	29	35
41	3	EB-54	As	320	NA	1.0	TBD	320	11.9	18	21
42	3	EB-55	As	521	Conflict not being removed	2.5	TBD	1303	48.2	72	87
43	3	EB-56	As	184	Conflict not being removed	2.5	TBD	460	17.0	26	31
44	3	EB-60	As	70	Conflict not being removed	2.0	TBD	140	5.2	8	9
45	3	EB-62	As	175	Conflict not being removed	6.0	TBD	1050	38.9	58	70
46	3	EB-69	As	31	Conflict not being removed	1.0	TBD	31	1.1	2	2
47	3	EB-73	As	140	Conflict not being removed	5.0	TBD	700	25.9	39	47
48	3	EB-74	As	261	NA	3.0	TBD	783	29.0	44	52
								Totals:	232.1	348	418

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 - 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-57	3	4	206+25	60	Right	15	961.00	956.85	-4.15	-5.15	2.50	-2.50	Cut
EB-59	3	5	208+70	28	Right	12	958.00	956.00	-2.00	-3.00	2.50	-2.50	Cut
EB-64	3	6	218+65	30	Right	12	948.00	946.00	-2.00	-3.00	2.50	-2.50	Cut
EB-65	3	7	220+55	2	Left	20	946.00	945.00	-1.00	-2.00	2.50	-2.50	Cut
EB-51	3	39	194+05	45	Right	15	971.50	971.50	0.00	-1.00	NVD	-1.00	Cut
EB-53	3	40	197+05	40	Right	20	971.25	969.50	-1.75	-2.75	NVD	-3.00	Cut
EB-54	3	41	199+70	56	Right	20	966.00	966.56	0.56	-0.44	3.00	0.00	Cut
EB-55	3	42	201+65	44	Right	30	964.00	962.82	-1.18	-2.18	3.00	-2.50	Cut
EB-56	3	43	203+30	30	Right	20	962.50	961.00	-1.50	-2.50	NVD	-2.50	Cut
EB-60	3	44	211+80	48	Right	12	948.00	946.00	-2.00	-3.00	2.00	-2.00	Cut
EB-62	3	45	214+30	23	Right	15	952.00	947.43	-4.57	-5.57	NVD	-6.00	Cut
EB-69	3	46	228+55	2	Left	12	939.59	939.59	0.00	-1.00	2.00	-1.00	Cut
EB-73	3	47	236+92	24	Right	30	936.00	932.38	-3.62	-4.62	NVD	-5.00	Cut
EB-74	3	48	237+95	5	Right	10	936.00	933.22	-2.78	-3.78	3.00	-3.00	Cut

NVD - Not Vertically Delineated (for arsenic)

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

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

ATTACHMENT D

Boring Logs

UNITED CONSULTING

ENVIRONMENTAL BORING LOG

Boring ID : EB-57

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: **6/4/2018**	BORING DEPTH: **4.5 ft bgs**
DRILLING CONTRACTOR AND EQUIP: **United Consulting**	X COORDINATE/LAT (ft): **33.72426261**	Y COORDINATE/LONG (ft): **-84.37986974**

DEPTH BELOW GROUND SURFACE (ft)	WATER LEVEL	LITHOLOGY: LITHOLOGIC SYMBOL	LITHOLOGY: GEOLOGIC DESCRIPTION OF SOIL AND ROCK STRATA	SAMPLES: DEPTH (Ft)	SAMPLES: RECOVERY (%)	SAMPLES: SAMPLE	SAMPLES: OVM READING (PPM)	SAMPLES: DEPTH (Ft)	NOTES
0			Dark brown to black silty SAND; trace track ballast (Fill)	0				0	
				0.4					
				0.8					Possible slag @ 0 to 1.5 ft bgs
				1.2	100	EB-57 (0-2)	0		
			Reddish brown clayey SILT; trace mica	1.6					
				2					
				2.4					
				2.8					
				3.2	100		0		
				3.6					
				4					
				4.4					
			Hand auger terminated @ 4.5 ft bgs; dry	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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UNITED CONSULTING

ENVIRONMENTAL BORING LOG

Boring ID : EB-59

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: **5 ft bgs**
DRILLING CONTRACTOR AND EQUIP: **United Consulting**	X COORDINATE/LAT (ft): **33.72434539**	Y COORDINATE/LONG (ft): **-84.37909405**

DEPTH BELOW GROUND SURFACE (ft)	WATER LEVEL	LITHOLOGY: LITHOLOGIC SYMBOL	LITHOLOGY: GEOLOGIC DESCRIPTION OF SOIL AND ROCK STRATA	SAMPLES: DEPTH (Ft)	SAMPLES: RECOVERY (%)	SAMPLES: SAMPLE	SAMPLES: OVM READING (PPM)	SAMPLES: DEPTH (Ft)	NOTES
0			6" Track ballast	0				0	
				0.4					
			Black to dark grey silty SAND; trace gravel (Fill)						
				0.8					
					100	EB-59 (0-2)	0		
				1.2					
				1.6					Possible slag @ 0.5 to 3 ft bgs
				2					
				2.4					
				2.8					
			Dark brown sandy SILT						
				3.2					
					100		0		
				3.6					
				4					
				4.4					
				4.8					
5			Hand auger terminated @ 5 ft bgs; dry					5	
				5.2					
				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-64

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: **5/31/2018**	BORING DEPTH: **5 ft bgs**
DRILLING CONTRACTOR AND EQUIP: **United Consulting**	X COORDINATE/LAT (ft): **-84.375807131531**	Y COORDINATE/LONG (ft): **33.724321028655**

DEPTH BELOW GROUND SURFACE (ft)	WATER LEVEL	LITHOLOGY: LITHOLOGIC SYMBOL	LITHOLOGY: GEOLOGIC DESCRIPTION OF SOIL AND ROCK STRATA	SAMPLES: DEPTH (Ft)	SAMPLES: RECOVERY (%)	SAMPLES: SAMPLE	SAMPLES: OVM READING (PPM)	SAMPLES: DEPTH (Ft)	NOTES
0			Black to dark grey silty SAND; topsoil (Fill)	0				0	
				0.4					
				0.8					
			Dark brown to light tan; trace clay		100	EB-64 (0-2)	0		
				1.2					
				1.6					
				2					
				2.4					
				2.8					
				3.2					
					100		0		
				3.6					
				4					
				4.4					
				4.8					
5			Hand auger terminated @ 5 ft bgs; dry					5	
				5.2					
				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-65

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: **5/31/2018**	BORING DEPTH: **4 ft bgs**
DRILLING CONTRACTOR AND EQUIP: **United Consulting**	X COORDINATE/LAT (ft): **-84.375180205079**	Y COORDINATE/LONG (ft): **33.724405215401**

DEPTH BELOW GROUND SURFACE (ft)	WATER LEVEL	LITHOLOGY: LITHOLOGIC SYMBOL	LITHOLOGY: GEOLOGIC DESCRIPTION OF SOIL AND ROCK STRATA	SAMPLES: DEPTH (Ft)	SAMPLES: RECOVERY (%)	SAMPLES: SAMPLE	SAMPLES: OVM READING (PPM)	SAMPLES: DEPTH (Ft)	NOTES
0			Black to dark grey silty SAND (Fill)	0 – 0.4 – 0.8	100	EB-65 (0-2)	0	0	Possible slag @ 0 to 2 ft bgs
			Light tan to light reddish brown sandy SILT	1.2 – 1.6 – 2					
			Dark brown;	2.4 – 2.8 – 3.2 – 3.6	100		0		
			Hand auger terminated @ 4 ft bgs; dry	4 – 4.4 – 4.8					
5				5.2 – 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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WELL/PIEZOMETER LOG

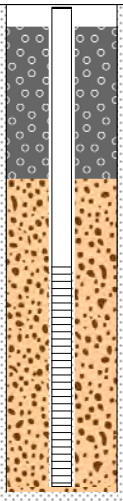
PROPOSED ID:

WELL ID: **EB-51/MW-15**

CLIENT: **Atlanta Beltline, Inc.**	SITE LOCATION: **Atlanta Beltline Southside Trail**	CONSTR. START: **5/31/2018**
PROJECT NAME: **Atlanta Beltline - Southside Trail**	DRILLING METHOD: **Direct Push**	CONSTR. COMP: **5/31/2018**
PROJECT NUMBER: **17-GA-01192-02**	DRILLING CONTRACTOR AND EQUIP: **Atlas Geo**	DEVELOPMENT DATE: **6/7/2018**
LOGGED BY: **Jay Fagan & Brandon Sharp**	SAMPLING METHOD: **4-Foot Continuous Sampler**	STATIC GROUNDWATER DEPTH: **4.25 ft bgs**

Depth (feet)	USCS	LITHOLOGY	% REC	Sample ID	OVM
0	ML	Black to brown to reddish brown sandy SILT; trace gravel and crushed coal (Fill)	100	EB-51 (0-2)	0
4	ML	Brown to orangish brown sandy SILT (Residual)	95		0
8	ML	; to reddish brown	80		0
12		Auger refusal @ 11 ft bgs; saturated			
16					
20					
24					
28					

SKETCH



NOTES

Relict rock structures @ 2 ft bgs

Saturated @ 3 ft bgs

NOTES

Surface Elevation is approximate.

Time of Drilling Groundwater Level

24-Hour Groundwater Level

Development Groundwater Level

Surface Elev.: **972 ft AMSL**	Surface Completion: **Flush Mount with Cap**	Filter Pack Type: **Sand**	Screen Length: **5 ft**
TOC Elev.: **N/A**	Riser Height (Surface): **0.0 ft bgs**	Well Diameter: **1"**	Screen Slot Size: **0.01"**
Northing/Lat.: **-84.383438618461**	Annular Fill Type: **Sand**	Borehole Diameter: **3.25"**	Bottom of Screen: **10.8 ft bgs**
Easting/Long.: **33.723890615967**	Annular Sealant Type: **Bentonite**	Top of Screen: **5.8 ft bgs**	Bottom of Well: **10.8 ft bgs**

UNITED CONSULTING

ENVIRONMENTAL BORING LOG

Boring ID : EB-53

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: **3.5 ft bgs**
DRILLING CONTRACTOR AND EQUIP: **United Consulting**	X COORDINATE/LAT (ft): **33.72410964**	Y COORDINATE/LONG (ft): **-84.38284475**

DEPTH BELOW GROUND SURFACE (ft)	WATER LEVEL	LITHOLOGY: LITHOLOGIC SYMBOL	LITHOLOGY: GEOLOGIC DESCRIPTION OF SOIL AND ROCK STRATA	SAMPLES: DEPTH (Ft)	SAMPLES: RECOVERY (%)	SAMPLES: SAMPLE	SAMPLES: OVM READING (PPM)	SAMPLES: DEPTH (Ft)	NOTES
0			6" Track ballast	0				0	
				0.4					
			Dark grey to black silty SAND; trace track ballast (Fill)	0.8	100	EB-53 (0-2)	0		Possible slag @ 0.5 to 3 ft bgs
				1.2					
				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
BGS = Below Ground Surface
TOD = Time of Drilling
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UNITED CONSULTING

ENVIRONMENTAL BORING LOG

Boring ID : EB-54

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: **6/4/2018**	BORING DEPTH: **5 ft bgs**
DRILLING CONTRACTOR AND EQUIP: **United Consulting**	X COORDINATE/LAT (ft): **33.72422777**	Y COORDINATE/LONG (ft): **-84.3820281**

DEPTH BELOW GROUND SURFACE (ft)	WATER LEVEL	LITHOLOGY: LITHOLOGIC SYMBOL	LITHOLOGY: GEOLOGIC DESCRIPTION OF SOIL AND ROCK STRATA	SAMPLES: DEPTH (Ft)	SAMPLES: RECOVERY (%)	SAMPLES: SAMPLE	SAMPLES: OVM READING (PPM)	SAMPLES: DEPTH (Ft)	NOTES
0			Light tan to light brown silty SAND; trace track ballast (Fill)	0				0	
			; Black to dark grey	0.4					
				0.8					
			Light tan sandy SILT; trace mica		100	EB-54 (0-2)	0		
				1.2					
				1.6					
				2					
			Reddish brown silty CLAY	2.4					
				2.8					
				3.2					
					100		0		
				3.6					
				4					
				4.4					
				4.8					
5			Hand auger terminated @ 5 ft bgs; dry					5	
				5.2					
				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-55

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: **6/4/2018**	BORING DEPTH: **5 ft bgs**
DRILLING CONTRACTOR AND EQUIP: **United Consulting**	X COORDINATE/LAT (ft): **33.72426261**	Y COORDINATE/LONG (ft): **-84.37986974**

DEPTH BELOW GROUND SURFACE (ft)	WATER LEVEL	LITHOLOGY: LITHOLOGIC SYMBOL	LITHOLOGY: GEOLOGIC DESCRIPTION OF SOIL AND ROCK STRATA	SAMPLES: DEPTH (Ft)	SAMPLES: RECOVERY (%)	SAMPLES: SAMPLE	SAMPLES: OVM READING (PPM)	SAMPLES: DEPTH (Ft)	NOTES
0			Black to dark grey silty SAND; trace track ballast (Fill)	0	100	EB-55 (0-2)	0	0	
				0.4					
				0.8					
				1.2					
				1.6					
				2					
				2.4					
				2.8					
			Reddish brown silty CLAY	3.2	100		0		
				3.6					
				4					
				4.4					
				4.8					
5			Hand auger terminated @ 5 ft bgs; dry	5.2				5	
				5.6					

Notes :
ft bgs is feet below ground surface

OVM = Organic Vapor Meter
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ENVIRONMENTAL BORING LOG

Boring ID : EB-56

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: **6/4/2018**	BORING DEPTH: **4 ft bgs**
DRILLING CONTRACTOR AND EQUIP: **United Consulting**	X COORDINATE/LAT (ft): **33.72434828**	Y COORDINATE/LONG (ft): **-84.38086036**

DEPTH BELOW GROUND SURFACE (ft)	WATER LEVEL	LITHOLOGY: LITHOLOGIC SYMBOL	LITHOLOGY: GEOLOGIC DESCRIPTION OF SOIL AND ROCK STRATA	SAMPLES: DEPTH (Ft)	SAMPLES: RECOVERY (%)	SAMPLES: SAMPLE	SAMPLES: OVM READING (PPM)	SAMPLES: DEPTH (Ft)	NOTES
0			6" Track ballast	0				0	
				0.4					
			Dark tan to dark brown silty SAND; trace track ballast; trace mica (Fill)	0.8	100	EB-56 (0-2)	0		
				1.2					
				1.6					
				2					
				2.4					
				2.8					
			Dark tan clayey SILT; trace track ballast	3.2	100		0		
				3.6					
			Hand auger refusal @ 4 ft bgs; dry	4					
				4.4					
				4.8					
5				5.2				5	
				5.6					

Notes :
ft bgs is feet below ground surface

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UNITED CONSULTING

ENVIRONMENTAL BORING LOG

Boring ID : EB-60

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: **6/4/2018**	BORING DEPTH: **5 ft bgs**
DRILLING CONTRACTOR AND EQUIP: **United Consulting**	X COORDINATE/LAT (ft): **33.7248865**	Y COORDINATE/LONG (ft): **-84.37837385**

DEPTH BELOW GROUND SURFACE (ft)	WATER LEVEL	LITHOLOGY: LITHOLOGIC SYMBOL	LITHOLOGY: GEOLOGIC DESCRIPTION OF SOIL AND ROCK STRATA	SAMPLES: DEPTH (Ft)	SAMPLES: RECOVERY (%)	SAMPLES: SAMPLE	SAMPLES: OVM READING (PPM)	SAMPLES: DEPTH (Ft)	NOTES
0			6" Track ballast	0				0	
				0.4					
			Black to dark grey silty SAND; trace track ballast (Fill)	0.8	100	EB-60 (0-2)	0		
				1.2					
				1.6					
				2					
				2.4					
				2.8					
				3.2					
				3.6	100		0		
				4					
				4.4					
				4.8					
5			Hand auger terminated @ 5 ft bgs	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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UNITED CONSULTING

ENVIRONMENTAL BORING LOG

Boring ID : EB-62

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: **5/31/2018**	BORING DEPTH: **4 ft bgs**
DRILLING CONTRACTOR AND EQUIP: **United Consulting**	X COORDINATE/LAT (ft): **-84.37723873882**	Y COORDINATE/LONG (ft): **33.724343244729**

DEPTH BELOW GROUND SURFACE (ft)	WATER LEVEL	LITHOLOGY: LITHOLOGIC SYMBOL	LITHOLOGY: GEOLOGIC DESCRIPTION OF SOIL AND ROCK STRATA	SAMPLES: DEPTH (Ft)	SAMPLES: RECOVERY (%)	SAMPLES: SAMPLE	SAMPLES: OVM READING (PPM)	SAMPLES: DEPTH (Ft)	NOTES
0			Dark grey to black silty SAND; trace track ballast (Fill)	0				0	
				0.4					
				0.8					
			Dark tan to reddish brown; trace gravel		100	EB-62 (0-2)	0		
				1.2					
				1.6					
				2					
				2.4					
				2.8					
					100		0		
				3.2					
				3.6					
				4					
			Hand auger terminated @ 4 ft bgs; dry						
				4.4					
				4.8					
5								5	
				5.2					
				5.6					

Notes :
ft bgs is feet below ground surface

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ENVIRONMENTAL BORING LOG

Boring ID : EB-69

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: **5/31/2018**	BORING DEPTH: **4 ft bgs**
DRILLING CONTRACTOR AND EQUIP: **United Consulting**	X COORDINATE/LAT (ft): **-84.372644387222**	Y COORDINATE/LONG (ft): **33.724942646295**

DEPTH BELOW GROUND SURFACE (ft)	WATER LEVEL	LITHOLOGY: LITHOLOGIC SYMBOL	LITHOLOGY: GEOLOGIC DESCRIPTION OF SOIL AND ROCK STRATA	SAMPLES: DEPTH (Ft)	SAMPLES: RECOVERY (%)	SAMPLES: SAMPLE	SAMPLES: OVM READING (PPM)	SAMPLES: DEPTH (Ft)	NOTES
0			Black to dark grey silty SAND (Fill)	0				0	
				0.4					
				0.8	100	EB-69 (0-2)	0		
				1.2					
				1.6					
			Reddish brown to dark brown clayey SILT	2					
				2.4					
				2.8					
				3.2	100		0		
			Dark tan silty SAND; trace gravel	3.6					
				4					
			Hand auger terminated @ 4 ft bgs; dry	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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ENVIRONMENTAL BORING LOG

Boring ID : EB-73

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: **5/30/2018**	BORING DEPTH: **5 ft bgs**
DRILLING CONTRACTOR AND EQUIP: **United Consulting**	X COORDINATE/LAT (ft): **-84.370028183669**	Y COORDINATE/LONG (ft): **33.725711362852**

DEPTH BELOW GROUND SURFACE (ft)	WATER LEVEL	LITHOLOGY: LITHOLOGIC SYMBOL	LITHOLOGY: GEOLOGIC DESCRIPTION OF SOIL AND ROCK STRATA	SAMPLES: DEPTH (Ft)	SAMPLES: RECOVERY (%)	SAMPLES: SAMPLE	SAMPLES: OVM READING (PPM)	SAMPLES: DEPTH (Ft)	NOTES
0			Black to dark grey silty SAND; mixed track ballast (Fill)	0				0	
				0.4					
				0.8					
			Reddish to orangish brown sandy SILT; trace clay		100	EB-73 (0-2)	0		
				1.2					
				1.6					
				2					
				2.4					
				2.8					
			; yellowish to light brown						
				3.2					
				3.6	100		0		
				4					
				4.4					
			Reddish to dark brown silty CLAY						
				4.8					
5			Hand auger terminated @ 5 ft bgs; dry					5	
				5.2					
				5.6					

Notes :
ft bgs is feet below ground surface

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UNITED CONSULTING

ENVIRONMENTAL BORING LOG

Boring ID : EB-74

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: **2.5 ft bgs**
DRILLING CONTRACTOR AND EQUIP: **United Consulting**	X COORDINATE/LAT (ft): **-84.369739615225**	Y COORDINATE/LONG (ft): **33.725856585581**

DEPTH BELOW GROUND SURFACE (ft)	WATER LEVEL	LITHOLOGY: LITHOLOGIC SYMBOL	LITHOLOGY: GEOLOGIC DESCRIPTION OF SOIL AND ROCK STRATA	SAMPLES: DEPTH (Ft)	SAMPLES: RECOVERY (%)	SAMPLES: SAMPLE	SAMPLES: OVM READING (PPM)	SAMPLES: DEPTH (Ft)	NOTES
0			Black silty SAND; crushed slag (Fill)	0				0	
				0.4					
				0.8		EB-74 (0-2)			
				1.2	100		0		
			Dark brown silty SAND	1.6					
				2					
					100		0		
				2.4					
			Hand auger terminated @ 2.5 ft bgs; dry	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
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ATTACHMENT E

Laboratory Analytical Testing Reports

AES

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

July 24, 2020

Spencer Cox
United Consulting Group Inc.

625 Holcomb Bridge Rd
Norcross GA 30071

RE: Atlanta Beltline

Dear Spencer Cox: Order No: 2007H19

Analytical Environmental Services, Inc. received 46 samples on 7/16/2020 5:12:00 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 06/30/20 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

Ioana Pacurar

Project Manager

3080 Presidential Drive • Atlanta, Georgia 30340 • Tel: 770.457.8177 • Fax: 770.457.8188 • Toll Free: 800.972.4889
www.aesatlanta.com

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: 2007H19

Date: 7/16/20 Page 1 of 3

COMPANY: UNITED CONSULTING

ADDRESS: 625 HOLCOMB BRIDGE ROAD, NORCROSS, GEORGIA 30071, 770-209-0029 FAX: 770-582-2900

PHONE: 770-842-8956 FAX: 770-582-2900

SAMPLED BY: Spencer Cox SIGNATURE:

ANALYSIS REQUESTED

PRESERVATION (See codes)

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	Arsenic	Benzo(a)Pyrene	Benzene	VOCs	SVOCs	RCRA-8 Metals	TCLP	HOLD	REMARKS	No # of Containers
1	EB-74-N1 (0-2)	7/9/2020	13:10			SO	X									1
2	EB-74-N2 (0-2)		13:12				X							X		1
3	EB-74-SE1 (0-2)		13:13				X									1
4	EB-74-SE2 (0-2)		13:14				X							X		1
5	EB-74-SW1 (0-2)		13:18				X									1
6	EB-74-SW2 (0-2)		13:21				X							X		1
7	EB-74A (3-4)		13:23				X									1
8	EB-74-DUP18		13:26				X									1
9	EB-73-N1		13:30				X									1
10	EB-73-N2		13:33				X							X		1
11	EB-73-SE1		13:38				X									1
12	EB-73-SE2		13:39				X							X		1
13	EB-73-SW1		13:41				X									1
14	EB-73-SW2		13:42				X							X		1
15	EB-73A (3-4)	7/9/20	13:50				X									1
16	EB-69-NW1 (0-2)	7/10/20	9:50				X									1
17	EB-69-NW2 (0-2)		9:52				X							X		1
18	EB-69-E1 (0-2)		10:05				X									1
19	EB-69-E2 (0-2)		10:07				X							X		1
20	EB-69-SW1 (0-2)		10:16				X									1
21	EB-69-SW2 (0-2)		10:17				X							X		1
22	EB-69A (2-3)		10:18				X									1
23	EB-69-DUP19		10:20				X									1
24	EB-62-NW1 (0-2)		10:28				X									1
25	EB-62-NW2 (0-2)		10:31				X							X		1
26	EB-62-NE1 (0-2)		10:38				X									1
27	EB-62-NE2 (0-2)		10:39				X							X		1
28	EB-62-S1 (0-2)		10:47				X									1
29	EB-62-S2 (0-2)		10:49				X							X		1
30	EB-62A (2-3)		10:50				X									1
31	EB-60-NE1 (0-2)		10:55				X									1
32	EB-60-NE2 (0-2)		10:57				X							X		1
33	EB-60-W1 (0-2)		10:59				X									1
34	EB-60-W2 (0-2)		11:05				X							X		1
35	EB-60-SE1 (0-2)	7/10/20	11:14			SO	X									1

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

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1:	13:10	1:	7/16/20 13:10
2:	7/16/20 13:10	2:	7/16/20 17:12
		3:	7/16/20 17:12

SPECIAL INSTRUCTIONS/COMMENTS: SEGMENT 3

SHIPMENT METHOD
OUT / / VIA:
IN / / VIA:
(CLIENT) FedEx UPS MAIL COURIER
GREYHOUND OTHER_____

PROJECT INFORMATION
PROJECT NAME: Atlanta Beltline
PROJECT #: 20-GA-01192-11, -12, -13
SITE ADDRESS: Atlanta
SEND REPORT TO: Spencer Cox
INVOICE TO: (IF DIFFERENT FROM ABOVE)
PO# 83609

RECEIPT
Total # of Containers: 35

Turnaround Time Request
(X) Standard 5 Business Days
( ) 2 Business Day Rush
( ) Next Business Day Rush
( ) Same Day Rush (auth req.)
( ) Other ____ 4 Day Turn

STATE PROGRAM (if any): _____
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: 2007H19

Date: 7/16/20 Page 2 of 3

COMPANY: UNITED CONSULTING

ADDRESS: 625 HOLCOMB BRIDGE ROAD, NORCROSS, GEORGIA 30071
770-209-0029 FAX: 770-582-2900

PHONE: 770-842-8956

FAX: 770-582-2900

SAMPLED BY: Spencer Cox

SIGNATURE:

ANALYSIS REQUESTED

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

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	Arsenic	Benzo(a)Pyrene	Benzene	VOCs	SVOCs	RCRA-8 Metals	TCLP	HOLD	REMARKS	No # of Containers
	PRESERVATION (See codes)															
1	EB-60-SE2(0-2)		11:15 7/10/20			SO	X							X		1
2	EB-60A(2-3)		11:18 7/10/20				X									1
3	EB-60-DUP21		11:20 7/10/20				X									1
4	EB-510-N1(0-2)	7/13/20	10:00				X									1
5	EB-510-N2(0-2)	7/13/20	10:01				X							X		1
6	EB-510-SE1(0-2)		10:08				X									1
7	EB-510-SE2(0-2)		10:09				X							X		1
8	EB-510-SW1(0-2)		10:15				X									1
9	EB-510-SW2(0-2)		10:17				X							X		1
10	EB-510A(3-4)		10:25				X									1
11	EB-56-DUP22	7/13/20	10:30				X									1
12	EB-55-N1(0-2)	7/10/20	10:40				X									1
13	EB-55-N2(0-2)		11:45				X							X		1
14	EB-55-SE1(0-2)		10:49				X									1
15	EB-55-SE2(0-2)		11:55				X							X		1
16	EB-55-SW1(0-2)		11:59				X									1
17	EB-55-SW2(0-2)		12:08				X							X		1
18	EB-55A(3-4)		12:10				X									1
19	EB-54-NE1(0-2)		12:30				X									1
20	EB-54-NE2(0-2)		12:33				X							X		1
21	EB-54-S1(0-2)		12:35				X									1
22	EB-54-S2(0-2)		12:39				X							X		1
23	EB-54-NW1(0-2)		12:42				X									1
24	EB-54-NW2(0-2)		12:47				X							X		1
25	EB-54A(3-4)		12:50				X									1
26	EB-54-DUP23		12:55				X									1
27	EB-53-SE1(0-2)		13:30				X							X		1
28	EB-53-SE2(0-2)		13:35				X									1
29	EB-53-SW1(0-2)		13:45				X							X		1
30	EB-53-SW2(0-2)	7/10/20	13:50				X									1
31	EB-53-N1(0-2)	7/13/20	13:51				X									1
32	EB-53-N2(0-2)	7/13/20	11:08				X							X		1
33	EB-53A(3-4)	7/10/20	11:21				X									1
34	[redacted] EB-51A(3-4)	7/13/20	12:10				X									1
35	EB-51-DUP24	7/13/20	12:12			SO	X									1

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1:	13:10	1:	7/16/20 13:10
2:	7/16/20 13:10	2:	7/16/20 17:12
		3:	7/16/20 17:12

SPECIAL INSTRUCTIONS/COMMENTS:

SEGMENT 3

SHIPMENT METHOD

OUT / / VIA:

IN / / VIA:

(CLIENT) FedEx UPS MAIL COURIER

GREYHOUND OTHER_____

PROJECT INFORMATION

PROJECT NAME: Atlanta Beltline

PROJECT #: 20-GA-01192-11, -12, -13

SITE ADDRESS: Atlanta

SEND REPORT TO: Spencer Cox

INVOICE TO: (IF DIFFERENT FROM ABOVE)

PO# 83609

RECEIPT

Total # of Containers: 35

Turnaround Time Request

- (X) Standard 5 Business Days
- ( ) 2 Business Day Rush
- ( ) Next Business Day Rush
- ( ) Same Day Rush (auth req.)
- ( ) Other ____ 4 Day Turn

STATE PROGRAM (if any): _____

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: 2007H19

Date: 7/16/20 Page 3 of 3

COMPANY: UNITED CONSULTING

ADDRESS: 625 HOLCOMB BRIDGE ROAD, NORCROSS, GEORGIA 30071, 770-209-0029 FAX: 770-582-2900

PHONE: 770-842-8956 FAX: 770-582-2900

SAMPLED BY: Spencer Cox SIGNATURE:

ANALYSIS REQUESTED

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

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	Arsenic	Benzo(a)Pyrene	Benzene	VOCs	SVOCs	RCRA-8 Metals	TCLP	HOLD	REMARKS	No # of Containers
							PRESERVATION (See codes)									
1	EB-51-NW1 (0-2)	7/13/20	12:14			SO	X									1
2	EB-51-NW2 (0-2)	"	12:18			"	X							X		1
3	EB-51-E1 (0-2)	"	12:21			"	X									1
4	EB-51-E2 (0-2)	"	12:28			"	X							X		1
5	EB-51-SW1 (0-2)	"	12:25			"	X									1
6	EB-51-SW2 (0-2)	7/13/20	12:30			SO	X							X		1
7																
8																
9																
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34																
35																

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1:		1:	7/16/20 13:10
2:	7/16/20 15:10	2:	7/16/20 17:12
		3:	7/16

SPECIAL INSTRUCTIONS/COMMENTS:

SEGMENT 3

SHIPMENT METHOD

OUT / / VIA:

IN / / VIA:

(CLIENT) FedEx UPS MAIL COURIER

GREYHOUND OTHER_____

PROJECT INFORMATION

PROJECT NAME: Atlanta Beltline

PROJECT #: 20-GA-01192-11, -12, -13

SITE ADDRESS: Atlanta

SEND REPORT TO: Spencer Cox

INVOICE TO: (IF DIFFERENT FROM ABOVE)

PO# 93699

RECEIPT

Total # of Containers: 6

Turnaround Time Request

- [X] Standard 5 Business Days
- [ ] 2 Business Day Rush
- [ ] Next Business Day Rush
- [ ] Same Day Rush (auth req.)
- [ ] Other ____ 4 Day Turn

STATE PROGRAM (if any): _____

E-mail? Y / N; Fax? Y / N

DATA PACKAGE: I II III IV

Analytical Environmental Services, Inc **Date:** 24-Jul-20

Client:	United Consulting Group Inc.	**Client Sample ID:**	EB-74-NI (0-2)
Project Name:	Atlanta Beltline	**Collection Date:**	7/9/2020 1:10:00 PM
Lab ID:	2007H19-001	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D (SW3050B)								
Arsenic	13.8	2.05		mg/Kg-dry	300145	1	07/22/2020 07:03	AJ
PERCENT MOISTURE D2216								
Percent Moisture	11.9	0		wt%	R430456	1	07/19/2020 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

Analytical Environmental Services, Inc **Date:** 24-Jul-20

Client:	United Consulting Group Inc.	**Client Sample ID:**	EB-74-SE1 (0-2)
Project Name:	Atlanta Beltline	**Collection Date:**	7/9/2020 1:13:00 PM
Lab ID:	2007H19-003	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D (SW3050B)								
Arsenic	28.0	2.28		mg/Kg-dry	300145	1	07/22/2020 07:05	AJ
PERCENT MOISTURE D2216								
Percent Moisture	18.4	0		wt%	R430456	1	07/19/2020 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

Analytical Environmental Services, Inc **Date:** 24-Jul-20

Client:	United Consulting Group Inc.	**Client Sample ID:**	EB-74-SW1 (0-2)
Project Name:	Atlanta Beltline	**Collection Date:**	7/9/2020 1:18:00 PM
Lab ID:	2007H19-005	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D (SW3050B)								
Arsenic	61.7	2.19		mg/Kg-dry	300145	1	07/22/2020 07:08	AJ
PERCENT MOISTURE D2216								
Percent Moisture	14.5	0		wt%	R430456	1	07/19/2020 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

Analytical Environmental Services, Inc **Date:** 24-Jul-20

Client:	United Consulting Group Inc.	**Client Sample ID:**	EB-74A(3-4)
Project Name:	Atlanta Beltline	**Collection Date:**	7/9/2020 1:23:00 PM
Lab ID:	2007H19-007	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D (SW3050B)								
Arsenic	12.9	2.07		mg/Kg-dry	300145	1	07/22/2020 07:10	AJ
PERCENT MOISTURE D2216								
Percent Moisture	13.5	0		wt%	R430456	1	07/19/2020 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

Analytical Environmental Services, Inc **Date:** 24-Jul-20

Client:	United Consulting Group Inc.	**Client Sample ID:**	EB-74-DUP18
Project Name:	Atlanta Beltline	**Collection Date:**	7/9/2020 1:26:00 PM
Lab ID:	2007H19-008	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D (SW3050B)								
Arsenic	281	2.06		mg/Kg-dry	300145	1	07/22/2020 07:12	AJ
PERCENT MOISTURE D2216								
Percent Moisture	12.4	0		wt%	R430456	1	07/19/2020 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

Analytical Environmental Services, Inc **Date:** 24-Jul-20

Client:	United Consulting Group Inc.	**Client Sample ID:**	EB-73-N1
Project Name:	Atlanta Beltline	**Collection Date:**	7/9/2020 1:30:00 PM
Lab ID:	2007H19-009	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D (SW3050B)								
Arsenic	188	2.40		mg/Kg-dry	300145	1	07/22/2020 07:15	AJ
PERCENT MOISTURE D2216								
Percent Moisture	19.2	0		wt%	R430456	1	07/19/2020 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

Analytical Environmental Services, Inc **Date:** 24-Jul-20

Client:	United Consulting Group Inc.	**Client Sample ID:**	EB-73-SE1
Project Name:	Atlanta Beltline	**Collection Date:**	7/9/2020 1:38:00 PM
Lab ID:	2007H19-011	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D (SW3050B)								
Arsenic	405	2.57		mg/Kg-dry	300145	1	07/22/2020 07:26	AJ
PERCENT MOISTURE D2216								
Percent Moisture	19.3	0		wt%	R430456	1	07/19/2020 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

Analytical Environmental Services, Inc **Date:** 24-Jul-20

Client:	United Consulting Group Inc.	**Client Sample ID:**	EB-73-SW1
Project Name:	Atlanta Beltline	**Collection Date:**	7/9/2020 1:41:00 PM
Lab ID:	2007H19-013	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D (SW3050B)								
Arsenic	140	2.19		mg/Kg-dry	300145	1	07/22/2020 07:29	AJ
PERCENT MOISTURE D2216								
Percent Moisture	18.1	0		wt%	R430456	1	07/19/2020 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

Analytical Environmental Services, Inc **Date:** 24-Jul-20

Client:	United Consulting Group Inc.	**Client Sample ID:**	EB-73A (3-4)
Project Name:	Atlanta Beltline	**Collection Date:**	7/9/2020 1:50:00 PM
Lab ID:	2007H19-015	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D (SW3050B)								
Arsenic	556	2.44		mg/Kg-dry	300145	1	07/22/2020 07:31	AJ
PERCENT MOISTURE D2216								
Percent Moisture	23.4	0		wt%	R430456	1	07/19/2020 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

Analytical Environmental Services, Inc **Date:** 24-Jul-20

Client:	United Consulting Group Inc.	**Client Sample ID:**	EB-69-NW1 (0-2)
Project Name:	Atlanta Beltline	**Collection Date:**	7/10/2020 9:50:00 AM
Lab ID:	2007H19-016	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D (SW3050B)								
Arsenic	11.8	2.11		mg/Kg-dry	300145	1	07/22/2020 06:47	AJ
PERCENT MOISTURE D2216								
Percent Moisture	16.4	0		wt%	R430456	1	07/19/2020 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

Analytical Environmental Services, Inc **Date:** 24-Jul-20

Client:	United Consulting Group Inc.	**Client Sample ID:**	EB-69-E1 (0-2)
Project Name:	Atlanta Beltline	**Collection Date:**	7/10/2020 10:05:00 AM
Lab ID:	2007H19-018	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D (SW3050B)								
Arsenic	BRL	2.38		mg/Kg-dry	300145	1	07/22/2020 07:34	AJ
PERCENT MOISTURE D2216								
Percent Moisture	20.0	0		wt%	R430456	1	07/19/2020 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

Analytical Environmental Services, Inc **Date:** 24-Jul-20

Client:	United Consulting Group Inc.	**Client Sample ID:**	EB-69-SW1 (0-2)
Project Name:	Atlanta Beltline	**Collection Date:**	7/10/2020 10:16:00 AM
Lab ID:	2007H19-020	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D (SW3050B)								
Arsenic	BRL	2.50		mg/Kg-dry	300145	1	07/22/2020 07:36	AJ
PERCENT MOISTURE D2216								
Percent Moisture	18.2	0		wt%	R430456	1	07/19/2020 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

Analytical Environmental Services, Inc **Date:** 24-Jul-20

Client:	United Consulting Group Inc.	**Client Sample ID:**	EB-69A (2-3)
Project Name:	Atlanta Beltline	**Collection Date:**	7/10/2020 10:18:00 AM
Lab ID:	2007H19-022	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D (SW3050B)								
Arsenic	2.63	2.55		mg/Kg-dry	300145	1	07/22/2020 07:38	AJ
PERCENT MOISTURE D2216								
Percent Moisture	22.6	0		wt%	R430456	1	07/19/2020 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

Analytical Environmental Services, Inc **Date:** 24-Jul-20

Client:	United Consulting Group Inc.	**Client Sample ID:**	EB-69-DUP19
Project Name:	Atlanta Beltline	**Collection Date:**	7/10/2020 10:20:00 AM
Lab ID:	2007H19-023	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D (SW3050B)								
Arsenic	4.04	2.63		mg/Kg-dry	300145	1	07/22/2020 08:32	AJ
PERCENT MOISTURE D2216								
Percent Moisture	26.7	0		wt%	R430456	1	07/19/2020 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

Analytical Environmental Services, Inc **Date:** 24-Jul-20

Client:	United Consulting Group Inc.	**Client Sample ID:**	EB-62-NW1 (0-2)
Project Name:	Atlanta Beltline	**Collection Date:**	7/10/2020 10:28:00 AM
Lab ID:	2007H19-024	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D (SW3050B)								
Arsenic	107	2.51		mg/Kg-dry	300145	1	07/22/2020 07:43	AJ
PERCENT MOISTURE D2216								
Percent Moisture	22.5	0		wt%	R430456	1	07/19/2020 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

Analytical Environmental Services, Inc **Date:** 24-Jul-20

Client:	United Consulting Group Inc.	**Client Sample ID:**	EB-62-NE1 (0-2)
Project Name:	Atlanta Beltline	**Collection Date:**	7/10/2020 10:38:00 AM
Lab ID:	2007H19-026	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D (SW3050B)								
Arsenic	3.21	2.13		mg/Kg-dry	300145	1	07/22/2020 07:45	AJ
PERCENT MOISTURE D2216								
Percent Moisture	13.6	0		wt%	R430456	1	07/19/2020 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-62-S1 (0-2)
Project Name:	Atlanta Beltline	**Collection Date:**	7/10/2020 10:47:00 AM
Lab ID:	2007H19-028	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D (SW3050B)								
Arsenic	23.5	2.16		mg/Kg-dry	300145	1	07/22/2020 07:48	AJ
PERCENT MOISTURE D2216								
Percent Moisture	15.0	0		wt%	R430456	1	07/19/2020 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

Analytical Environmental Services, Inc **Date:** 24-Jul-20

Client:	United Consulting Group Inc.	**Client Sample ID:**	EB-62A (2-3)
Project Name:	Atlanta Beltline	**Collection Date:**	7/10/2020 10:50:00 AM
Lab ID:	2007H19-030	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D (SW3050B)								
Arsenic	121	2.45		mg/Kg-dry	300145	1	07/22/2020 07:55	AJ
PERCENT MOISTURE D2216								
Percent Moisture	13.3	0		wt%	R430456	1	07/19/2020 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

Analytical Environmental Services, Inc **Date:** 24-Jul-20

Client:	United Consulting Group Inc.	**Client Sample ID:**	EB-60-NE1 (0-2)
Project Name:	Atlanta Beltline	**Collection Date:**	7/10/2020 10:55:00 AM
Lab ID:	2007H19-031	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D (SW3050B)								
Arsenic	12.4	2.10		mg/Kg-dry	300145	1	07/22/2020 07:57	AJ
PERCENT MOISTURE D2216								
Percent Moisture	7.62	0		wt%	R430456	1	07/19/2020 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

Analytical Environmental Services, Inc **Date:** 24-Jul-20

Client:	United Consulting Group Inc.	**Client Sample ID:**	EB-60-W1 (0-2)
Project Name:	Atlanta Beltline	**Collection Date:**	7/10/2020 10:59:00 AM
Lab ID:	2007H19-033	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D (SW3050B)								
Arsenic	12.7	2.16		mg/Kg-dry	300145	1	07/22/2020 07:59	AJ
PERCENT MOISTURE D2216								
Percent Moisture	11.5	0		wt%	R430456	1	07/19/2020 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

Analytical Environmental Services, Inc **Date:** 24-Jul-20

Client:	United Consulting Group Inc.	**Client Sample ID:**	EB-60-SE1 (0-2)
Project Name:	Atlanta Beltline	**Collection Date:**	7/10/2020 11:14:00 AM
Lab ID:	2007H19-035	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D (SW3050B)								
Arsenic	15.6	2.38		mg/Kg-dry	300146	1	07/21/2020 17:07	KB
PERCENT MOISTURE D2216								
Percent Moisture	8.23	0		wt%	R430456	1	07/19/2020 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

Analytical Environmental Services, Inc **Date:** 24-Jul-20

Client:	United Consulting Group Inc.	**Client Sample ID:**	EB-60A (2-3)
Project Name:	Atlanta Beltline	**Collection Date:**	7/10/2020 11:18:00 AM
Lab ID:	2007H19-037	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D (SW3050B)								
Arsenic	BRL	2.62		mg/Kg-dry	300146	1	07/21/2020 17:09	KB
PERCENT MOISTURE D2216								
Percent Moisture	6.77	0		wt%	R430456	1	07/19/2020 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

Analytical Environmental Services, Inc **Date:** 24-Jul-20

Client:	United Consulting Group Inc.	**Client Sample ID:**	EB-60-DUP21
Project Name:	Atlanta Beltline	**Collection Date:**	7/10/2020 11:20:00 AM
Lab ID:	2007H19-038	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D (SW3050B)								
Arsenic	14.4	2.61		mg/Kg-dry	300146	1	07/21/2020 17:11	KB
PERCENT MOISTURE D2216								
Percent Moisture	12.3	0		wt%	R430456	1	07/19/2020 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

Analytical Environmental Services, Inc **Date:** 24-Jul-20

Client:	United Consulting Group Inc.	**Client Sample ID:**	EB-56-N1 (0-2)
Project Name:	Atlanta Beltline	**Collection Date:**	7/13/2020 10:00:00 AM
Lab ID:	2007H19-039	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D (SW3050B)								
Arsenic	50.9	2.91		mg/Kg-dry	300146	1	07/21/2020 17:13	KB
PERCENT MOISTURE D2216								
Percent Moisture	23.0	0		wt%	R430456	1	07/19/2020 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

Analytical Environmental Services, Inc **Date:** 24-Jul-20

Client:	United Consulting Group Inc.	**Client Sample ID:**	EB-56-SE1 (0-2)
Project Name:	Atlanta Beltline	**Collection Date:**	7/13/2020 10:08:00 AM
Lab ID:	2007H19-041	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D (SW3050B)								
Arsenic	95.0	2.82		mg/Kg-dry	300146	1	07/21/2020 17:23	KB
PERCENT MOISTURE D2216								
Percent Moisture	22.4	0		wt%	R430459	1	07/20/2020 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

Analytical Environmental Services, Inc **Date:** 24-Jul-20

Client:	United Consulting Group Inc.	**Client Sample ID:**	EB-56-SW1 (0-2)
Project Name:	Atlanta Beltline	**Collection Date:**	7/13/2020 10:15:00 AM
Lab ID:	2007H19-043	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D (SW3050B)								
Arsenic	73.0	2.36		mg/Kg-dry	300146	1	07/21/2020 17:25	KB
PERCENT MOISTURE D2216								
Percent Moisture	11.9	0		wt%	R430456	1	07/19/2020 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

Analytical Environmental Services, Inc **Date:** 24-Jul-20

Client:	United Consulting Group Inc.	**Client Sample ID:**	EB-56A (3-4)
Project Name:	Atlanta Beltline	**Collection Date:**	7/13/2020 10:25:00 AM
Lab ID:	2007H19-045	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D (SW3050B)								
Arsenic	69.6	2.85		mg/Kg-dry	300146	1	07/21/2020 17:28	KB
PERCENT MOISTURE D2216								
Percent Moisture	18.3	0		wt%	R430459	1	07/20/2020 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

Analytical Environmental Services, Inc **Date:** 24-Jul-20

Client:	United Consulting Group Inc.	**Client Sample ID:**	EB-56-DUP22
Project Name:	Atlanta Beltline	**Collection Date:**	7/13/2020 10:30:00 AM
Lab ID:	2007H19-046	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D (SW3050B)								
Arsenic	58.5	2.97		mg/Kg-dry	300146	1	07/21/2020 17:30	KB
PERCENT MOISTURE D2216								
Percent Moisture	22.9	0		wt%	R430456	1	07/19/2020 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

Analytical Environmental Services, Inc **Date:** 24-Jul-20

Client:	United Consulting Group Inc.	**Client Sample ID:**	EB-55-N1 (0-2)
Project Name:	Atlanta Beltline	**Collection Date:**	7/10/2020 11:40:00 AM
Lab ID:	2007H19-047	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D (SW3050B)								
Arsenic	96.8	2.55		mg/Kg-dry	300146	1	07/21/2020 17:33	KB
PERCENT MOISTURE D2216								
Percent Moisture	9.24	0		wt%	R430456	1	07/19/2020 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

Analytical Environmental Services, Inc **Date:** 24-Jul-20

Client:	United Consulting Group Inc.	**Client Sample ID:**	EB-55-SE1 (0-2)
Project Name:	Atlanta Beltline	**Collection Date:**	7/10/2020 11:49:00 AM
Lab ID:	2007H19-049	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D (SW3050B)								
Arsenic	142	2.33		mg/Kg-dry	300146	1	07/21/2020 17:35	KB
PERCENT MOISTURE D2216								
Percent Moisture	8.35	0		wt%	R430456	1	07/19/2020 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

Analytical Environmental Services, Inc **Date:** 24-Jul-20

Client:	United Consulting Group Inc.	**Client Sample ID:**	EB-55-SW1 (0-2)
Project Name:	Atlanta Beltline	**Collection Date:**	7/10/2020 11:59:00 AM
Lab ID:	2007H19-051	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D (SW3050B)								
Arsenic	74.3	2.68		mg/Kg-dry	300146	1	07/21/2020 17:37	KB
PERCENT MOISTURE D2216								
Percent Moisture	14.2	0		wt%	R430459	1	07/20/2020 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

Analytical Environmental Services, Inc **Date:** 24-Jul-20

Client:	United Consulting Group Inc.	**Client Sample ID:**	EB-55A (3-4)
Project Name:	Atlanta Beltline	**Collection Date:**	7/10/2020 12:10:00 PM
Lab ID:	2007H19-053	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D (SW3050B)								
Arsenic	18.0	2.69		mg/Kg-dry	300146	1	07/21/2020 17:39	KB
PERCENT MOISTURE D2216								
Percent Moisture	16.1	0		wt%	R430459	1	07/20/2020 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

Analytical Environmental Services, Inc **Date:** 24-Jul-20

Client:	United Consulting Group Inc.	**Client Sample ID:**	EB-54-NE1 (0-2)
Project Name:	Atlanta Beltline	**Collection Date:**	7/10/2020 12:30:00 PM
Lab ID:	2007H19-054	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D (SW3050B)								
Arsenic	55.1	2.72		mg/Kg-dry	300146	1	07/21/2020 17:42	KB
PERCENT MOISTURE D2216								
Percent Moisture	15.3	0		wt%	R430459	1	07/20/2020 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

Analytical Environmental Services, Inc **Date:** 24-Jul-20

Client:	United Consulting Group Inc.	**Client Sample ID:**	EB-54-S1 (0-2)
Project Name:	Atlanta Beltline	**Collection Date:**	7/10/2020 12:38:00 PM
Lab ID:	2007H19-056	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D (SW3050B)								
Arsenic	BRL	2.87		mg/Kg-dry	300146	1	07/22/2020 11:28	KB
PERCENT MOISTURE D2216								
Percent Moisture	21.5	0		wt%	R430459	1	07/20/2020 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

Analytical Environmental Services, Inc **Date:** 24-Jul-20

Client:	United Consulting Group Inc.	**Client Sample ID:**	EB-54-NW1 (0-2)
Project Name:	Atlanta Beltline	**Collection Date:**	7/10/2020 12:42:00 PM
Lab ID:	2007H19-058	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D (SW3050B)								
Arsenic	222	2.62		mg/Kg-dry	300146	1	07/21/2020 17:51	KB
PERCENT MOISTURE D2216								
Percent Moisture	16.7	0		wt%	R430459	1	07/20/2020 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

Analytical Environmental Services, Inc **Date:** 24-Jul-20

Client:	United Consulting Group Inc.	**Client Sample ID:**	EB-54A (3-4)
Project Name:	Atlanta Beltline	**Collection Date:**	7/10/2020 12:50:00 PM
Lab ID:	2007H19-060	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D (SW3050B)								
Arsenic	BRL	2.65		mg/Kg-dry	300146	1	07/21/2020 16:56	KB
PERCENT MOISTURE D2216								
Percent Moisture	15.8	0		wt%	R430459	1	07/20/2020 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

Analytical Environmental Services, Inc **Date:** 24-Jul-20

Client:	United Consulting Group Inc.	**Client Sample ID:**	EB-54DUP23
Project Name:	Atlanta Beltline	**Collection Date:**	7/10/2020 12:55:00 PM
Lab ID:	2007H19-061	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D (SW3050B)								
Arsenic	BRL	2.90		mg/Kg-dry	300146	1	07/21/2020 17:53	KB
PERCENT MOISTURE D2216								
Percent Moisture	18.7	0		wt%	R430459	1	07/20/2020 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

Analytical Environmental Services, Inc **Date:** 24-Jul-20

Client:	United Consulting Group Inc.	**Client Sample ID:**	EB-53-SE1 (0-2)
Project Name:	Atlanta Beltline	**Collection Date:**	7/10/2020 1:30:00 PM
Lab ID:	2007H19-062	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D (SW3050B)								
Arsenic	160	2.65		mg/Kg-dry	300146	1	07/21/2020 17:55	KB
PERCENT MOISTURE D2216								
Percent Moisture	16.0	0		wt%	R430459	1	07/20/2020 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

Analytical Environmental Services, Inc **Date:** 24-Jul-20

Client:	United Consulting Group Inc.	**Client Sample ID:**	EB-53-SW1 (0-2)
Project Name:	Atlanta Beltline	**Collection Date:**	7/10/2020 1:45:00 PM
Lab ID:	2007H19-064	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D (SW3050B)								
Arsenic	246	2.42		mg/Kg-dry	300146	1	07/21/2020 17:57	KB
PERCENT MOISTURE D2216								
Percent Moisture	14.8	0		wt%	R430459	1	07/20/2020 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

Analytical Environmental Services, Inc **Date:** 24-Jul-20

Client:	United Consulting Group Inc.	**Client Sample ID:**	EB-53-N1 (0-2)
Project Name:	Atlanta Beltline	**Collection Date:**	7/13/2020 1:51:00 PM
Lab ID:	2007H19-066	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D (SW3050B)								
Arsenic	51.0	2.74		mg/Kg-dry	300146	1	07/21/2020 18:00	KB
PERCENT MOISTURE D2216								
Percent Moisture	15.2	0		wt%	R430459	1	07/20/2020 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

Analytical Environmental Services, Inc **Date:** 24-Jul-20

Client:	United Consulting Group Inc.	**Client Sample ID:**	EB-53A (3-4)
Project Name:	Atlanta Beltline	**Collection Date:**	7/13/2020 11:21:00 AM
Lab ID:	2007H19-068	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D (SW3050B)								
Arsenic	57.0	2.18		mg/Kg-dry	300147	1	07/21/2020 11:03	AJ
PERCENT MOISTURE D2216								
Percent Moisture	17.7	0		wt%	R430459	1	07/20/2020 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

Analytical Environmental Services, Inc **Date:** 24-Jul-20

Client:	United Consulting Group Inc.	**Client Sample ID:**	EB-51A (3-4)
Project Name:	Atlanta Beltline	**Collection Date:**	7/13/2020 12:10:00 PM
Lab ID:	2007H19-069	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D (SW3050B)								
Arsenic	360	2.48		mg/Kg-dry	300147	1	07/21/2020 11:06	AJ
PERCENT MOISTURE D2216								
Percent Moisture	24.1	0		wt%	R430459	1	07/20/2020 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

Analytical Environmental Services, Inc **Date:** 24-Jul-20

Client:	United Consulting Group Inc.	**Client Sample ID:**	EB-51DUP24
Project Name:	Atlanta Beltline	**Collection Date:**	7/13/2020 12:12:00 PM
Lab ID:	2007H19-070	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D (SW3050B)								
Arsenic	5.61	2.46		mg/Kg-dry	300147	1	07/21/2020 11:08	AJ
PERCENT MOISTURE D2216								
Percent Moisture	19.1	0		wt%	R430459	1	07/20/2020 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

Analytical Environmental Services, Inc **Date:** 24-Jul-20

Client:	United Consulting Group Inc.	**Client Sample ID:**	EB-51-NW1 (0-2)
Project Name:	Atlanta Beltline	**Collection Date:**	7/13/2020 12:14:00 PM
Lab ID:	2007H19-071	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D (SW3050B)								
Arsenic	81.1	1.95		mg/Kg-dry	300147	1	07/21/2020 11:10	AJ
PERCENT MOISTURE D2216								
Percent Moisture	7.21	0		wt%	R430459	1	07/20/2020 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

Analytical Environmental Services, Inc **Date:** 24-Jul-20

Client:	United Consulting Group Inc.	**Client Sample ID:**	EB-51-E1 (0-2)
Project Name:	Atlanta Beltline	**Collection Date:**	7/13/2020 12:21:00 PM
Lab ID:	2007H19-073	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D (SW3050B)								
Arsenic	17.6	2.25		mg/Kg-dry	300147	1	07/21/2020 11:13	AJ
PERCENT MOISTURE D2216								
Percent Moisture	15.7	0		wt%	R430459	1	07/20/2020 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

Analytical Environmental Services, Inc **Date:** 24-Jul-20

Client:	United Consulting Group Inc.	**Client Sample ID:**	EB-51-SW1 (0-2)
Project Name:	Atlanta Beltline	**Collection Date:**	7/13/2020 12:29:00 PM
Lab ID:	2007H19-075	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D (SW3050B)								
Arsenic	2.15	1.99		mg/Kg-dry	300147	1	07/21/2020 11:15	AJ
PERCENT MOISTURE D2216								
Percent Moisture	7.24	0		wt%	R430459	1	07/20/2020 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

SUMMARY OF ANALYTES DETECTED

Analyses	Result	Qual	Reporting Limit	Units	BatchID	Dilution Factor
Client Sample ID: EB-74-NI (0-2)			**Lab ID:** 2007H19-001			
Collection Date: 7/9/2020 1:10:00 PM			**Matrix:** Soil			
METALS, TOTAL SW6010D			**(SW3050B)**			
Arsenic	13.8		2.05	mg/Kg-dry	300145	1
PERCENT MOISTURE D2216						
Percent Moisture	11.9		0	wt%	R430456	1
Client Sample ID: EB-74-SE1 (0-2)			**Lab ID:** 2007H19-003			
Collection Date: 7/9/2020 1:13:00 PM			**Matrix:** Soil			
METALS, TOTAL SW6010D			**(SW3050B)**			
Arsenic	28.0		2.28	mg/Kg-dry	300145	1
PERCENT MOISTURE D2216						
Percent Moisture	18.4		0	wt%	R430456	1
Client Sample ID: EB-74-SW1 (0-2)			**Lab ID:** 2007H19-005			
Collection Date: 7/9/2020 1:18:00 PM			**Matrix:** Soil			
METALS, TOTAL SW6010D			**(SW3050B)**			
Arsenic	61.7		2.19	mg/Kg-dry	300145	1
PERCENT MOISTURE D2216						
Percent Moisture	14.5		0	wt%	R430456	1
Client Sample ID: EB-74A(3-4)			**Lab ID:** 2007H19-007			
Collection Date: 7/9/2020 1:23:00 PM			**Matrix:** Soil			
METALS, TOTAL SW6010D			**(SW3050B)**			
Arsenic	12.9		2.07	mg/Kg-dry	300145	1
PERCENT MOISTURE D2216						
Percent Moisture	13.5		0	wt%	R430456	1
Client Sample ID: EB-74-DUP18			**Lab ID:** 2007H19-008			
Collection Date: 7/9/2020 1:26:00 PM			**Matrix:** Soil			
METALS, TOTAL SW6010D			**(SW3050B)**			
Arsenic	281		2.06	mg/Kg-dry	300145	1
PERCENT MOISTURE D2216						
Percent Moisture	12.4		0	wt%	R430456	1
Client Sample ID: EB-73-N1			**Lab ID:** 2007H19-009			
Collection Date: 7/9/2020 1:30:00 PM			**Matrix:** Soil			
METALS, TOTAL SW6010D			**(SW3050B)**			
Arsenic	188		2.40	mg/Kg-dry	300145	1
PERCENT MOISTURE D2216						
Percent Moisture	19.2		0	wt%	R430456	1
Client Sample ID: EB-73-SE1			**Lab ID:** 2007H19-011			
Collection Date: 7/9/2020 1:38:00 PM			**Matrix:** Soil			
METALS, TOTAL SW6010D			**(SW3050B)**			
Arsenic	405		2.57	mg/Kg-dry	300145	1
PERCENT MOISTURE D2216						
Percent Moisture	19.3		0	wt%	R430456	1
Client Sample ID: EB-73-SW1			**Lab ID:** 2007H19-013			
Collection Date: 7/9/2020 1:41:00 PM			**Matrix:** Soil			

SUMMARY OF ANALYTES DETECTED

Analyses	Result	Qual	Reporting Limit	Units	BatchID	Dilution Factor
Client Sample ID: EB-73-SW1			**Lab ID:** 2007H19-013			
Collection Date: 7/9/2020 1:41:00 PM			**Matrix:** Soil			
METALS, TOTAL SW6010D			**(SW3050B)**			
Arsenic	140		2.19	mg/Kg-dry	300145	1
PERCENT MOISTURE D2216						
Percent Moisture	18.1		0	wt%	R430456	1
Client Sample ID: EB-73A (3-4)			**Lab ID:** 2007H19-015			
Collection Date: 7/9/2020 1:50:00 PM			**Matrix:** Soil			
METALS, TOTAL SW6010D			**(SW3050B)**			
Arsenic	556		2.44	mg/Kg-dry	300145	1
PERCENT MOISTURE D2216						
Percent Moisture	23.4		0	wt%	R430456	1
Client Sample ID: EB-69-NW1 (0-2)			**Lab ID:** 2007H19-016			
Collection Date: 7/10/2020 9:50:00 AM			**Matrix:** Soil			
METALS, TOTAL SW6010D			**(SW3050B)**			
Arsenic	11.8		2.11	mg/Kg-dry	300145	1
PERCENT MOISTURE D2216						
Percent Moisture	16.4		0	wt%	R430456	1
Client Sample ID: EB-69-E1 (0-2)			**Lab ID:** 2007H19-018			
Collection Date: 7/10/2020 10:05:00 AM			**Matrix:** Soil			
PERCENT MOISTURE D2216						
Percent Moisture	20.0		0	wt%	R430456	1
Client Sample ID: EB-69-SW1 (0-2)			**Lab ID:** 2007H19-020			
Collection Date: 7/10/2020 10:16:00 AM			**Matrix:** Soil			
PERCENT MOISTURE D2216						
Percent Moisture	18.2		0	wt%	R430456	1
Client Sample ID: EB-69A (2-3)			**Lab ID:** 2007H19-022			
Collection Date: 7/10/2020 10:18:00 AM			**Matrix:** Soil			
METALS, TOTAL SW6010D			**(SW3050B)**			
Arsenic	2.63		2.55	mg/Kg-dry	300145	1
PERCENT MOISTURE D2216						
Percent Moisture	22.6		0	wt%	R430456	1
Client Sample ID: EB-69-DUP19			**Lab ID:** 2007H19-023			
Collection Date: 7/10/2020 10:20:00 AM			**Matrix:** Soil			
METALS, TOTAL SW6010D			**(SW3050B)**			
Arsenic	4.04		2.63	mg/Kg-dry	300145	1
PERCENT MOISTURE D2216						
Percent Moisture	26.7		0	wt%	R430456	1
Client Sample ID: EB-62-NW1 (0-2)			**Lab ID:** 2007H19-024			
Collection Date: 7/10/2020 10:28:00 AM			**Matrix:** Soil			
METALS, TOTAL SW6010D			**(SW3050B)**			
Arsenic	107		2.51	mg/Kg-dry	300145	1
PERCENT MOISTURE D2216						
Percent Moisture	22.5		0	wt%	R430456	1

SUMMARY OF ANALYTES DETECTED

Analyses	Result	Qual	Reporting Limit	Units	BatchID	Dilution Factor
Client Sample ID: EB-62-NE1 (0-2)			**Lab ID:** 2007H19-026			
Collection Date: 7/10/2020 10:38:00 AM			**Matrix:** Soil			
METALS, TOTAL SW6010D			**(SW3050B)**			
Arsenic	3.21		2.13	mg/Kg-dry	300145	1
PERCENT MOISTURE D2216						
Percent Moisture	13.6		0	wt%	R430456	1
Client Sample ID: EB-62-S1 (0-2)			**Lab ID:** 2007H19-028			
Collection Date: 7/10/2020 10:47:00 AM			**Matrix:** Soil			
METALS, TOTAL SW6010D			**(SW3050B)**			
Arsenic	23.5		2.16	mg/Kg-dry	300145	1
PERCENT MOISTURE D2216						
Percent Moisture	15.0		0	wt%	R430456	1
Client Sample ID: EB-62A (2-3)			**Lab ID:** 2007H19-030			
Collection Date: 7/10/2020 10:50:00 AM			**Matrix:** Soil			
METALS, TOTAL SW6010D			**(SW3050B)**			
Arsenic	121		2.45	mg/Kg-dry	300145	1
PERCENT MOISTURE D2216						
Percent Moisture	13.3		0	wt%	R430456	1
Client Sample ID: EB-60-NE1 (0-2)			**Lab ID:** 2007H19-031			
Collection Date: 7/10/2020 10:55:00 AM			**Matrix:** Soil			
METALS, TOTAL SW6010D			**(SW3050B)**			
Arsenic	12.4		2.10	mg/Kg-dry	300145	1
PERCENT MOISTURE D2216						
Percent Moisture	7.62		0	wt%	R430456	1
Client Sample ID: EB-60-W1 (0-2)			**Lab ID:** 2007H19-033			
Collection Date: 7/10/2020 10:59:00 AM			**Matrix:** Soil			
METALS, TOTAL SW6010D			**(SW3050B)**			
Arsenic	12.7		2.16	mg/Kg-dry	300145	1
PERCENT MOISTURE D2216						
Percent Moisture	11.5		0	wt%	R430456	1
Client Sample ID: EB-60-SE1 (0-2)			**Lab ID:** 2007H19-035			
Collection Date: 7/10/2020 11:14:00 AM			**Matrix:** Soil			
METALS, TOTAL SW6010D			**(SW3050B)**			
Arsenic	15.6		2.38	mg/Kg-dry	300146	1
PERCENT MOISTURE D2216						
Percent Moisture	8.23		0	wt%	R430456	1
Client Sample ID: EB-60A (2-3)			**Lab ID:** 2007H19-037			
Collection Date: 7/10/2020 11:18:00 AM			**Matrix:** Soil			
PERCENT MOISTURE D2216						
Percent Moisture	6.77		0	wt%	R430456	1
Client Sample ID: EB-60-DUP21			**Lab ID:** 2007H19-038			
Collection Date: 7/10/2020 11:20:00 AM			**Matrix:** Soil			
METALS, TOTAL SW6010D			**(SW3050B)**			
Arsenic	14.4		2.61	mg/Kg-dry	300146	1

SUMMARY OF ANALYTES DETECTED

Analyses	Result	Qual	Reporting Limit	Units	BatchID	Dilution Factor
Client Sample ID: EB-60-DUP21			**Lab ID:** 2007H19-038			
Collection Date: 7/10/2020 11:20:00 AM			**Matrix:** Soil			
PERCENT MOISTURE D2216						
Percent Moisture	12.3		0	wt%	R430456	1
Client Sample ID: EB-56-N1 (0-2)			**Lab ID:** 2007H19-039			
Collection Date: 7/13/2020 10:00:00 AM			**Matrix:** Soil			
METALS, TOTAL SW6010D			**(SW3050B)**			
Arsenic	50.9		2.91	mg/Kg-dry	300146	1
PERCENT MOISTURE D2216						
Percent Moisture	23.0		0	wt%	R430456	1
Client Sample ID: EB-56-SE1 (0-2)			**Lab ID:** 2007H19-041			
Collection Date: 7/13/2020 10:08:00 AM			**Matrix:** Soil			
METALS, TOTAL SW6010D			**(SW3050B)**			
Arsenic	95.0		2.82	mg/Kg-dry	300146	1
PERCENT MOISTURE D2216						
Percent Moisture	22.4		0	wt%	R430459	1
Client Sample ID: EB-56-SW1 (0-2)			**Lab ID:** 2007H19-043			
Collection Date: 7/13/2020 10:15:00 AM			**Matrix:** Soil			
METALS, TOTAL SW6010D			**(SW3050B)**			
Arsenic	73.0		2.36	mg/Kg-dry	300146	1
PERCENT MOISTURE D2216						
Percent Moisture	11.9		0	wt%	R430456	1
Client Sample ID: EB-56A (3-4)			**Lab ID:** 2007H19-045			
Collection Date: 7/13/2020 10:25:00 AM			**Matrix:** Soil			
METALS, TOTAL SW6010D			**(SW3050B)**			
Arsenic	69.6		2.85	mg/Kg-dry	300146	1
PERCENT MOISTURE D2216						
Percent Moisture	18.3		0	wt%	R430459	1
Client Sample ID: EB-56-DUP22			**Lab ID:** 2007H19-046			
Collection Date: 7/13/2020 10:30:00 AM			**Matrix:** Soil			
METALS, TOTAL SW6010D			**(SW3050B)**			
Arsenic	58.5		2.97	mg/Kg-dry	300146	1
PERCENT MOISTURE D2216						
Percent Moisture	22.9		0	wt%	R430456	1
Client Sample ID: EB-55-N1 (0-2)			**Lab ID:** 2007H19-047			
Collection Date: 7/10/2020 11:40:00 AM			**Matrix:** Soil			
METALS, TOTAL SW6010D			**(SW3050B)**			
Arsenic	96.8		2.55	mg/Kg-dry	300146	1
PERCENT MOISTURE D2216						
Percent Moisture	9.24		0	wt%	R430456	1
Client Sample ID: EB-55-SE1 (0-2)			**Lab ID:** 2007H19-049			
Collection Date: 7/10/2020 11:49:00 AM			**Matrix:** Soil			
METALS, TOTAL SW6010D			**(SW3050B)**			
Arsenic	142		2.33	mg/Kg-dry	300146	1

SUMMARY OF ANALYTES DETECTED

Analyses	Result	Qual	Reporting Limit	Units	BatchID	Dilution Factor
Client Sample ID: EB-55-SE1 (0-2)			**Lab ID:** 2007H19-049			
Collection Date: 7/10/2020 11:49:00 AM			**Matrix:** Soil			
PERCENT MOISTURE D2216						
Percent Moisture	8.35		0	wt%	R430456	1
Client Sample ID: EB-55-SW1 (0-2)			**Lab ID:** 2007H19-051			
Collection Date: 7/10/2020 11:59:00 AM			**Matrix:** Soil			
METALS, TOTAL SW6010D (SW3050B)						
Arsenic	74.3		2.68	mg/Kg-dry	300146	1
PERCENT MOISTURE D2216						
Percent Moisture	14.2		0	wt%	R430459	1
Client Sample ID: EB-55A (3-4)			**Lab ID:** 2007H19-053			
Collection Date: 7/10/2020 12:10:00 PM			**Matrix:** Soil			
METALS, TOTAL SW6010D (SW3050B)						
Arsenic	18.0		2.69	mg/Kg-dry	300146	1
PERCENT MOISTURE D2216						
Percent Moisture	16.1		0	wt%	R430459	1
Client Sample ID: EB-54-NE1 (0-2)			**Lab ID:** 2007H19-054			
Collection Date: 7/10/2020 12:30:00 PM			**Matrix:** Soil			
METALS, TOTAL SW6010D (SW3050B)						
Arsenic	55.1		2.72	mg/Kg-dry	300146	1
PERCENT MOISTURE D2216						
Percent Moisture	15.3		0	wt%	R430459	1
Client Sample ID: EB-54-S1 (0-2)			**Lab ID:** 2007H19-056			
Collection Date: 7/10/2020 12:38:00 PM			**Matrix:** Soil			
PERCENT MOISTURE D2216						
Percent Moisture	21.5		0	wt%	R430459	1
Client Sample ID: EB-54-NW1 (0-2)			**Lab ID:** 2007H19-058			
Collection Date: 7/10/2020 12:42:00 PM			**Matrix:** Soil			
METALS, TOTAL SW6010D (SW3050B)						
Arsenic	222		2.62	mg/Kg-dry	300146	1
PERCENT MOISTURE D2216						
Percent Moisture	16.7		0	wt%	R430459	1
Client Sample ID: EB-54A (3-4)			**Lab ID:** 2007H19-060			
Collection Date: 7/10/2020 12:50:00 PM			**Matrix:** Soil			
PERCENT MOISTURE D2216						
Percent Moisture	15.8		0	wt%	R430459	1
Client Sample ID: EB-54DUP23			**Lab ID:** 2007H19-061			
Collection Date: 7/10/2020 12:55:00 PM			**Matrix:** Soil			
PERCENT MOISTURE D2216						
Percent Moisture	18.7		0	wt%	R430459	1
Client Sample ID: EB-53-SE1 (0-2)			**Lab ID:** 2007H19-062			
Collection Date: 7/10/2020 1:30:00 PM			**Matrix:** Soil			
METALS, TOTAL SW6010D (SW3050B)						
Arsenic	160		2.65	mg/Kg-dry	300146	1

SUMMARY OF ANALYTES DETECTED

Analyses	Result	Qual	Reporting Limit	Units	BatchID	Dilution Factor
Client Sample ID: EB-53-SE1 (0-2)			**Lab ID:** 2007H19-062			
Collection Date: 7/10/2020 1:30:00 PM			**Matrix:** Soil			
PERCENT MOISTURE D2216						
Percent Moisture	16.0		0	wt%	R430459	1
Client Sample ID: EB-53-SW1 (0-2)			**Lab ID:** 2007H19-064			
Collection Date: 7/10/2020 1:45:00 PM			**Matrix:** Soil			
METALS, TOTAL SW6010D (SW3050B)						
Arsenic	246		2.42	mg/Kg-dry	300146	1
PERCENT MOISTURE D2216						
Percent Moisture	14.8		0	wt%	R430459	1
Client Sample ID: EB-53-N1 (0-2)			**Lab ID:** 2007H19-066			
Collection Date: 7/13/2020 1:51:00 PM			**Matrix:** Soil			
METALS, TOTAL SW6010D (SW3050B)						
Arsenic	51.0		2.74	mg/Kg-dry	300146	1
PERCENT MOISTURE D2216						
Percent Moisture	15.2		0	wt%	R430459	1
Client Sample ID: EB-53A (3-4)			**Lab ID:** 2007H19-068			
Collection Date: 7/13/2020 11:21:00 AM			**Matrix:** Soil			
METALS, TOTAL SW6010D (SW3050B)						
Arsenic	57.0		2.18	mg/Kg-dry	300147	1
PERCENT MOISTURE D2216						
Percent Moisture	17.7		0	wt%	R430459	1
Client Sample ID: EB-51A (3-4)			**Lab ID:** 2007H19-069			
Collection Date: 7/13/2020 12:10:00 PM			**Matrix:** Soil			
METALS, TOTAL SW6010D (SW3050B)						
Arsenic	360		2.48	mg/Kg-dry	300147	1
PERCENT MOISTURE D2216						
Percent Moisture	24.1		0	wt%	R430459	1
Client Sample ID: EB-51DUP24			**Lab ID:** 2007H19-070			
Collection Date: 7/13/2020 12:12:00 PM			**Matrix:** Soil			
METALS, TOTAL SW6010D (SW3050B)						
Arsenic	5.61		2.46	mg/Kg-dry	300147	1
PERCENT MOISTURE D2216						
Percent Moisture	19.1		0	wt%	R430459	1
Client Sample ID: EB-51-NW1 (0-2)			**Lab ID:** 2007H19-071			
Collection Date: 7/13/2020 12:14:00 PM			**Matrix:** Soil			
METALS, TOTAL SW6010D (SW3050B)						
Arsenic	81.1		1.95	mg/Kg-dry	300147	1
PERCENT MOISTURE D2216						
Percent Moisture	7.21		0	wt%	R430459	1
Client Sample ID: EB-51-E1 (0-2)			**Lab ID:** 2007H19-073			
Collection Date: 7/13/2020 12:21:00 PM			**Matrix:** Soil			
METALS, TOTAL SW6010D (SW3050B)						
Arsenic	17.6		2.25	mg/Kg-dry	300147	1

Analytical Environmental Services, Inc

Date: 24-Jul-20

SUMMARY OF ANALYTES DETECTED

Analyses	Result	Qual	Reporting Limit	Units	BatchID	Dilution Factor
Client Sample ID: EB-51-E1 (0-2)			**Lab ID:** 2007H19-073			
Collection Date: 7/13/2020 12:21:00 PM			**Matrix:** Soil			
PERCENT MOISTURE D2216						
Percent Moisture	15.7		0	wt%	R430459	1
Client Sample ID: EB-51-SW1 (0-2)			**Lab ID:** 2007H19-075			
Collection Date: 7/13/2020 12:29:00 PM			**Matrix:** Soil			
METALS, TOTAL SW6010D (SW3050B)						
Arsenic	2.15		1.99	mg/Kg-dry	300147	1
PERCENT MOISTURE D2216						
Percent Moisture	7.24		0	wt%	R430459	1

Qualifiers:

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

Clear Save as

ANALYTICAL ENVIRONMENTAL SERVICES, INC. AES

SAMPLE/COOLER RECEIPT CHECKLIST

1. Client Name: **United Consulting Group Inc.** AES Work Order Number: **2007H19**

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

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

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

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

15. Comments: _____

I certify that I have completed sections 1-15 (dated initials). FM 7/17/20

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

27. Comments: _____

I certify that I have completed sections 16-27 (dated initials). FM 7/17/20

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? *	○	○	◉		
29.	Containers meet preservation guidelines?	○	○	◉		
30.	Was pH adjusted at Sample Receipt?	○	○	◉		

* 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 7/17/20

Locked

Client: United Consulting Group Inc.
Project Name: Atlanta Beltline
Workorder: 2007H19

ANALYTICAL QC SUMMARY REPORT

BatchID: 300145

Sample ID: **MB-300145**	Client ID:			Units: **mg/Kg**	Prep Date: **07/20/2020**	Run No: **430703**
SampleType: **MBLK**	TestCode: **METALS, TOTAL** **SW6010D**			BatchID: **300145**	Analysis Date: **07/22/2020**	Seq No: **9769252**

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-300145**	Client ID:			Units: **mg/Kg**	Prep Date: **07/20/2020**	Run No: **430703**
SampleType: **LCS**	TestCode: **METALS, TOTAL** **SW6010D**			BatchID: **300145**	Analysis Date: **07/22/2020**	Seq No: **9769253**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	45.63	2.50	50.00		91.3	80	120				

Sample ID: **2007H19-016AMS**	Client ID: **EB-69-NW1 (0-2)**			Units: **mg/Kg-dry**	Prep Date: **07/20/2020**	Run No: **430703**
SampleType: **MS**	TestCode: **METALS, TOTAL** **SW6010D**			BatchID: **300145**	Analysis Date: **07/22/2020**	Seq No: **9769255**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	42.02	2.11	42.27	11.84	71.4	70	125				

Sample ID: **2007H19-016AMSD**	Client ID: **EB-69-NW1 (0-2)**			Units: **mg/Kg-dry**	Prep Date: **07/20/2020**	Run No: **430703**
SampleType: **MSD**	TestCode: **METALS, TOTAL** **SW6010D**			BatchID: **300145**	Analysis Date: **07/22/2020**	Seq No: **9769256**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	43.49	2.11	42.25	11.84	74.9	70	125	42.02	3.43	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: 2007H19

ANALYTICAL QC SUMMARY REPORT

BatchID: 300146

Sample ID: **MB-300146**	Client ID:			Units: **mg/Kg**	Prep Date: **07/20/2020**	Run No: **430697**
SampleType: **MBLK**	TestCode: **METALS, TOTAL** **SW6010D**			BatchID: **300146**	Analysis Date: **07/21/2020**	Seq No: **9769098**

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-300146**	Client ID:			Units: **mg/Kg**	Prep Date: **07/20/2020**	Run No: **430697**
SampleType: **LCS**	TestCode: **METALS, TOTAL** **SW6010D**			BatchID: **300146**	Analysis Date: **07/21/2020**	Seq No: **9769099**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	46.86	2.50	50.00		93.7	80	120				

Sample ID: **2007H19-060AMS**	Client ID: **EB-54A (3-4)**			Units: **mg/Kg-dry**	Prep Date: **07/20/2020**	Run No: **430697**
SampleType: **MS**	TestCode: **METALS, TOTAL** **SW6010D**			BatchID: **300146**	Analysis Date: **07/21/2020**	Seq No: **9769103**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	41.94	2.66	53.21	0.6511	77.6	75	125				

Sample ID: **2007H19-060AMSD**	Client ID: **EB-54A (3-4)**			Units: **mg/Kg-dry**	Prep Date: **07/20/2020**	Run No: **430697**
SampleType: **MSD**	TestCode: **METALS, TOTAL** **SW6010D**			BatchID: **300146**	Analysis Date: **07/21/2020**	Seq No: **9769104**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	42.02	2.66	53.14	0.6511	77.9	75	125	41.94	0.193	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: 2007H19

ANALYTICAL QC SUMMARY REPORT

BatchID: 300147

Sample ID: **MB-300147**	Client ID:				Units: **mg/Kg**		Prep Date: **07/20/2020**		Run No: **430581**	
SampleType: **MBLK**	TestCode: **METALS, TOTAL** **SW6010D**				BatchID: **300147**		Analysis Date: **07/21/2020**		Seq No: **9766858**	
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-300147**	Client ID:				Units: **mg/Kg**		Prep Date: **07/20/2020**		Run No: **430581**	
SampleType: **LCS**	TestCode: **METALS, TOTAL** **SW6010D**				BatchID: **300147**		Analysis Date: **07/21/2020**		Seq No: **9766859**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	46.60	2.50	50.00	0.8135	91.6	80	120				

Sample ID: **2007F08-003CMS**	Client ID:				Units: **mg/Kg-dry**		Prep Date: **07/20/2020**		Run No: **430581**	
SampleType: **MS**	TestCode: **METALS, TOTAL** **SW6010D**				BatchID: **300147**		Analysis Date: **07/21/2020**		Seq No: **9766861**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	39.75	2.49	49.72	1.008	77.9	75	125				

Sample ID: **2007F08-003CMSD**	Client ID:				Units: **mg/Kg-dry**		Prep Date: **07/20/2020**		Run No: **430581**	
SampleType: **MSD**	TestCode: **METALS, TOTAL** **SW6010D**				BatchID: **300147**		Analysis Date: **07/21/2020**		Seq No: **9766863**	
Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	40.11	2.49	49.71	1.008	78.7	75	125	39.75	0.889	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

AES

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

August 03, 2020

Spencer Cox
United Consulting Group Inc.

625 Holcomb Bridge Rd
Norcross GA 30071

RE: Atlanta Beltline

Dear Spencer Cox: Order No: 2007P92

Analytical Environmental Services, Inc. received 17 samples on 7/27/2020 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

Ioana Pacurar

Project Manager

3080 Presidential Drive • Atlanta, Georgia 30340 • Tel: 770.457.8177 • Fax: 770.457.8188 • Toll Free: 800.972.4889
www.aesatlanta.com

2007P92

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: ~~2007H19~~ 2007P92 (P 8/3)

Date: 7/16/20 Page 1 of 3

COMPANY: UNITED CONSULTING
ADDRESS: 625 HOLCOMB BRIDGE ROAD, NORCROSS, GEORGIA 30071, 770-209-0029 FAX: 770-582-2900
PHONE: 770-842-8956 FAX: 770-582-2900
SAMPLED BY: Spencer Cox SIGNATURE:

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

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	Arsenic	Benzo(a)Pyrene	Benzene	VOCs	SVOCs	RCRA-8 Metals	TCLP	HOLD	REMARKS	No # of Containers
							PRESERVATION (See codes)									
1	EB-74-N1 (0-2)	7/9/2020	13:10			SO	X									1
2	EB-74-N2 (0-2)		13:12				X							X		1
3	EB-74-SE1 (0-2)		13:13				X									1
4	EB-74-SE2 (0-2)		13:14				X							X		1
5	EB-74-SW1 (0-2)		13:18				X									1
6	EB-74-SW2 (0-2)		13:21				X							X		1
7	EB-74A (3-4)		13:23				X									1
8	EB-74-DUP18		13:26				X									1
9	EB-73-N1		13:30				X									1
10	EB-73-N2		13:33				X							X		1
11	EB-73-SE1		13:38				X									1
12	EB-73-SE2		13:39				X							X		1
13	EB-73-SW1		13:41				X									1
14	EB-73-SW2		13:42				X							X		1
15	EB-73A (3-4)	7/9/20	13:50				X									1
16	EB-69-NW1 (0-2)	7/10/20	9:50				X									1
17	EB-69-NW2 (0-2)		9:52				X							X		1
18	EB-69-E1 (0-2)		10:05				X									1
19	EB-69-E2 (0-2)		10:07				X							X		1
20	EB-69-SW1 (0-2)		10:16				X									1
21	EB-69-SW2 (0-2)		10:17				X							X		1
22	EB-69A (2-3)		10:18				X									1
23	EB-69-DUP19		10:20				X									1
24	EB-62-NW1 (0-2)		10:28				X									1
25	EB-62-NW2 (0-2)		10:31				X							X		1
26	EB-62-NE1 (0-2)		10:38				X									1
27	EB-62-NE2 (0-2)		10:39				X							X		1
28	EB-62-S1 (0-2)		10:47				X									1
29	EB-62-S2 (0-2)		10:49				X							X		1
30	EB-62A (2-3)		10:50				X									1
31	EB-60-NE1 (0-2)		10:55				X									1
32	EB-60-NE2 (0-2)		10:57				X							X		1
33	EB-60-W1 (0-2)		10:59				X									1
34	EB-60-W2 (0-2)		11:05				X							X		1
35	EB-60-SE1 (0-2)	7/10/20	11:14			SO	X									1

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1:	13:10	1:	7/16/20 13:10
2:	7/16/20 13:10	2:	7/16/20 17:12
		3:	7/16/20 17:12

SPECIAL INSTRUCTIONS/COMMENTS: SEGMENT 3

SHIPMENT METHOD
OUT / / VIA:
IN / / VIA:
(CLIENT) FedEx UPS MAIL COURIER
GREYHOUND OTHER_____

PROJECT INFORMATION
PROJECT NAME: Atlanta Beltline
PROJECT #: 20-GA-01192-11, -12, -13
SITE ADDRESS: Atlanta
SEND REPORT TO: Spencer Cox
INVOICE TO: (IF DIFFERENT FROM ABOVE)
PO# 83609

RECEIPT
Total # of Containers: 35

Turnaround Time Request
- (X) Standard 5 Business Days
- ( ) 2 Business Day Rush
- ( ) Next Business Day Rush
- ( ) Same Day Rush (auth req.)
- ( ) Other ____ 4 Day Turn

STATE PROGRAM (if any): _____
E-mail? Y / N; Fax? Y / N
DATA PACKAGE: I II III IV

2007P92

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: 2007H92 (4P 8/3)

Date: 7/16/20 Page 2 of 3

COMPANY: UNITED CONSULTING
ADDRESS: 625 HOLCOMB BRIDGE ROAD, NORCROSS, GEORGIA 30071, 770-209-0029 FAX: 770-582-2900
PHONE: 770-842-8956
FAX: 770-582-2900
SAMPLED BY: Spencer Cox
SIGNATURE:

ANALYSIS REQUESTED

PRESERVATION (See codes)

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

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	Arsenic	Benzo(a)Pyrene	Benzene	VOCs	SVOCs	RCRA-8 Metals	TCLP	HOLD	REMARKS	No # of Containers
1	EB-60-SE2(0-2)	7/10/20	11:15			SO	X							X		1
2	EB-60A(2-3)	7/10/20	11:28				X									1
3	EB-60-DUP21	7/10/20	11:20				X									1
4	EB-56-N1(0-2)	7/13/20	10:00				X									1
5	EB-56-N2 (0-2)	7/13/20	10:01				X							X		1
6	EB-56-SE1 (0-2)		10:08				X									1
7	EB-56-SE2 (0-2)		10:09				X							X		1
8	EB-56-SW1 (0-2)		10:15				X									1
9	EB-56-SW2 (0-2)		10:17				X							X		1
10	EB-56A(3-4)		10:25				X									1
11	EB-56-DUP22	7/13/20	10:30				X									1
12	EB-55-N1(0-2)	7/10/20	11:40				X									1
13	EB-55-N2 (0-2)		11:45				X							X		1
14	EB-55-SE1 (0-2)		11:49				X									1
15	EB-55-SE2 (0-2)		11:55				X							X		1
16	EB-55-SW1 (0-2)		11:59				X									1
17	EB-55-SW2 (0-2)		12:08				X							X		1
18	EB-55A(3-4)		12:10				X									1
19	EB-54-NE1 (0-2)		12:30				X									1
20	EB-54-NE2 (0-2)		12:33				X							X		1
21	EB-54-S1 (0-2)		12:35				X									1
22	EB-54-S2 (0-2)		12:39				X							X		1
23	EB-54-NW1 (0-2)		12:42				X									1
24	EB-54-NW2 (0-2)		12:47				X							X		1
25	EB-54A(3-4)		12:50				X									1
26	EB-54-DUP23		12:55				X									1
27	EB-53-SE1 (0-2)		13:30				X									1
28	EB-53-SE2 (0-2)		13:35				X							X		1
29	EB-53-SW1 (0-2)		13:45				X									1
30	EB-53-SW2 (0-2)	7/10/20	13:50				X							X		1
31	EB-53-N1 (0-2)	7/13/20	13:51				X									1
32	EB-53-N2 (0-2)	7/13/20	11:08				X							X		1
33	EB-53A(3-4)	7/10/20	11:21				X									1
34	[redacted] EB-51A(3-4)	7/13/20	12:10				X									1
35	EB-51-DUP24	7/13/20	12:12			SO	X									1

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1:	13:10	1:	7/16/20 13:10
2:	7/16/20 13:10	2:	7/16/20 17:12
		3:	7/16/20 17:12

SPECIAL INSTRUCTIONS/COMMENTS:
SEGMENT 3

SHIPMENT METHOD
OUT / / VIA:
IN / / VIA:
(CLIENT) FedEx UPS MAIL COURIER
GREYHOUND OTHER_____

PROJECT INFORMATION
PROJECT NAME: Atlanta Beltline
PROJECT #: 20-GA-01192-11, -12, -13
SITE ADDRESS: Atlanta
SEND REPORT TO: Spencer Cox
INVOICE TO: (IF DIFFERENT FROM ABOVE)
PO# 83604

RECEIPT
Total # of Containers: 35

Turnaround Time Request
- [x] Standard 5 Business Days
- [ ] 2 Business Day Rush
- [ ] Next Business Day Rush
- [ ] Same Day Rush (auth req.)
- [ ] Other ___ 4 Day Turn

STATE PROGRAM (if any): _____
E-mail? Y / N; Fax? Y / N
DATA PACKAGE: I II III IV

2007PQ2

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: 2007HT9 TP 8/3

Date: 7/16/20 Page 3 of 3

COMPANY:	ADDRESS:	PHONE:	FAX:	SAMPLED BY:	SIGNATURE:
UNITED CONSULTING	625 HOLCOMB BRIDGE ROAD NORCROSS, GEORGIA 30071 770-209-0029 FAX: 770-582-2900	770-842-8956	770-582-2900	Spencer Cox	

#	SAMPLE ID	SAMPLED DATE	SAMPLED TIME	Grab	Composite	Matrix (See codes)	Arsenic	Benzo(a)Pyrene	Benzene	VOCs	SVOCs	RCRA-8 Metals	TCLP	HOLD	REMARKS	No # of Containers
							PRESERVATION (See codes)									
1	EB-51-NN1 (0-2)	7/13/20	12:14			SO	X									1
2	EB-51-NN2 (0-2)	"	12:18			"	X							X		1
3	EB-51-E1 (0-2)	"	12:21			"	X									1
4	EB-51-E2 (0-2)	"	12:25			"	X							X		1
5	EB-51-SW1 (0-2)	"	12:26			"	X									1
6	EB-51-SW2 (0-2)	7/13/20	12:30			SO	X							X		1
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Visit our website www.aesatlanta.com to check on the status of your results, place bottle orders, etc.

RELINQUISHED BY	DATE/TIME	RECEIVED BY	DATE/TIME
1:		1:	7/16/20 13:10
2:	7/16/20 15:10	2:	7/16/20 17:12
		3:	7/16

SPECIAL INSTRUCTIONS/COMMENTS:

SEGMENT 3

SHIPMENT METHOD

OUT / / VIA:

IN / / VIA:

(CLIENT) FedEx UPS MAIL COURIER

GREYHOUND OTHER_____

PROJECT INFORMATION

PROJECT NAME: Atlanta Beltline

PROJECT #: 20-GA-01192-11, -12, -13

SITE ADDRESS: Atlanta

SEND REPORT TO: Spencer Cox

INVOICE TO: (IF DIFFERENT FROM ABOVE)

PO# 93199

RECEIPT

Total # of Containers: 6

Turnaround Time Request

- (X) Standard 5 Business Days
- ( ) 2 Business Day Rush
- ( ) Next Business Day Rush
- ( ) Same Day Rush (auth req.)
- ( ) Other ____ 4 Day Turn

STATE PROGRAM (if any): _____

E-mail? Y / N: Fax? Y / N

DATA PACKAGE: I II III IV

Client: United Consulting Group Inc.
Project: Atlanta Beltline
Lab ID: 2007P92

Case Narrative

Additional Testing:

At the request of Spencer Cox with United Consulting via e-mail on 7/27/20 all samples listed below were analyzed for Total Arsenic from AES work order 2007H19:

2007H19-006A - EB-74-SW2 (0-2)
2007H19-010A - EB-73-N2
2007H19-012A - EB-73-SE2
2007H19-014A - EB-73-SW2
2007H19-025A - EB-62-NW2 (0-2)
2007H19-040A - EB-56-N2 (0-2)
2007H19-042A - EB-56-SE2 (0-2)
2007H19-044A - EB-56-SW2 (0-2)
2007H19-048A - EB-55-N2 (0-2)
2007H19-050A - EB-55-SE2 (0-2)
2007H19-052A - EB-55-SW2 (0-2)
2007H19-055A - EB-54-NE2 (0-2)
2007H19-059A - EB-54-NW2 (0-2)
2007H19-063A - EB-53-SE2 (0-2)
2007H19-065A - EB-53-SW2 (0-2)
2007H19-067A - EB-53-N2 (0-2)
2007H19-072A - EB-51-NW2 (0-2)

Analytical Environmental Services, Inc **Date:** 3-Aug-20

Client:	United Consulting Group Inc.	**Client Sample ID:**	EB-74-SW2 (0-2)
Project Name:	Atlanta Beltline	**Collection Date:**	7/9/2020 1:21:00 PM
Lab ID:	2007P92-001	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D (SW3050B)								
Arsenic	295	2.59		mg/Kg-dry	300553	1	07/31/2020 10:29	AJ
PERCENT MOISTURE D2216								
Percent Moisture	13.5	0		wt%	R431045	1	07/28/2020 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

Analytical Environmental Services, Inc **Date:** 3-Aug-20

Client:	United Consulting Group Inc.	**Client Sample ID:**	EB-73-N2
Project Name:	Atlanta Beltline	**Collection Date:**	7/9/2020 1:33:00 PM
Lab ID:	2007P92-002	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D (SW3050B)								
Arsenic	35.4	2.73		mg/Kg-dry	300553	1	07/31/2020 10:32	AJ
PERCENT MOISTURE D2216								
Percent Moisture	19.9	0		wt%	R431045	1	07/28/2020 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

Analytical Environmental Services, Inc **Date:** 3-Aug-20

Client:	United Consulting Group Inc.	**Client Sample ID:**	EB-73-SE2
Project Name:	Atlanta Beltline	**Collection Date:**	7/9/2020 1:39:00 PM
Lab ID:	2007P92-003	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D (SW3050B)								
Arsenic	48.9	2.79		mg/Kg-dry	300553	1	07/31/2020 10:39	AJ
PERCENT MOISTURE D2216								
Percent Moisture	17.6	0		wt%	R431045	1	07/28/2020 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

Analytical Environmental Services, Inc **Date:** 3-Aug-20

Client:	United Consulting Group Inc.	**Client Sample ID:**	EB-73-SW2
Project Name:	Atlanta Beltline	**Collection Date:**	7/9/2020 1:42:00 PM
Lab ID:	2007P92-004	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D (SW3050B)								
Arsenic	13.4	2.58		mg/Kg-dry	300553	1	07/31/2020 10:17	AJ
PERCENT MOISTURE D2216								
Percent Moisture	19.0	0		wt%	R431045	1	07/28/2020 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

Analytical Environmental Services, Inc **Date:** 3-Aug-20

Client:	United Consulting Group Inc.	**Client Sample ID:**	EB-62-NW2 (0-2)
Project Name:	Atlanta Beltline	**Collection Date:**	7/10/2020 10:31:00 AM
Lab ID:	2007P92-005	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D (SW3050B)								
Arsenic	274	2.80		mg/Kg-dry	300553	1	07/31/2020 10:41	AJ
PERCENT MOISTURE D2216								
Percent Moisture	19.4	0		wt%	R431045	1	07/28/2020 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

Analytical Environmental Services, Inc **Date:** 3-Aug-20

Client:	United Consulting Group Inc.	**Client Sample ID:**	EB-56-N2 (0-2)
Project Name:	Atlanta Beltline	**Collection Date:**	7/13/2020 10:01:00 AM
Lab ID:	2007P92-006	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D (SW3050B)								
Arsenic	9.05	2.94		mg/Kg-dry	300553	1	07/31/2020 10:43	AJ
PERCENT MOISTURE D2216								
Percent Moisture	27.4	0		wt%	R431045	1	07/28/2020 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

Analytical Environmental Services, Inc **Date:** 3-Aug-20

Client:	United Consulting Group Inc.	**Client Sample ID:**	EB-56-SE2 (0-2)
Project Name:	Atlanta Beltline	**Collection Date:**	7/13/2020 10:09:00 AM
Lab ID:	2007P92-007	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D (SW3050B)								
Arsenic	8.96	2.69		mg/Kg-dry	300553	1	07/31/2020 10:50	AJ
PERCENT MOISTURE D2216								
Percent Moisture	16.5	0		wt%	R431045	1	07/28/2020 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

Analytical Environmental Services, Inc **Date:** 3-Aug-20

Client:	United Consulting Group Inc.	**Client Sample ID:**	EB-56-SW2 (0-2)
Project Name:	Atlanta Beltline	**Collection Date:**	7/13/2020 10:17:00 AM
Lab ID:	2007P92-008	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D (SW3050B)								
Arsenic	14.2	2.66		mg/Kg-dry	300553	1	07/31/2020 10:53	AJ
PERCENT MOISTURE D2216								
Percent Moisture	16.0	0		wt%	R431045	1	07/28/2020 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

Analytical Environmental Services, Inc **Date:** 3-Aug-20

Client:	United Consulting Group Inc.	**Client Sample ID:**	EB-55-N2 (0-2)
Project Name:	Atlanta Beltline	**Collection Date:**	7/10/2020 11:45:00 AM
Lab ID:	2007P92-009	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D (SW3050B)								
Arsenic	282	2.39		mg/Kg-dry	300553	1	07/31/2020 10:55	AJ
PERCENT MOISTURE D2216								
Percent Moisture	13.3	0		wt%	R431045	1	07/28/2020 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

Analytical Environmental Services, Inc **Date:** 3-Aug-20

Client:	United Consulting Group Inc.	**Client Sample ID:**	EB-55-SE2 (0-2)
Project Name:	Atlanta Beltline	**Collection Date:**	7/10/2020 11:55:00 AM
Lab ID:	2007P92-010	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D (SW3050B)								
Arsenic	20.5	2.68		mg/Kg-dry	300553	1	07/31/2020 10:58	AJ
PERCENT MOISTURE D2216								
Percent Moisture	16.9	0		wt%	R431045	1	07/28/2020 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

Analytical Environmental Services, Inc **Date:** 3-Aug-20

Client:	United Consulting Group Inc.	**Client Sample ID:**	EB-55-SW2 (0-2)
Project Name:	Atlanta Beltline	**Collection Date:**	7/10/2020 12:08:00 PM
Lab ID:	2007P92-011	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D (SW3050B)								
Arsenic	85.5	2.37		mg/Kg-dry	300553	1	07/31/2020 11:00	AJ
PERCENT MOISTURE D2216								
Percent Moisture	11.3	0		wt%	R431045	1	07/28/2020 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

Analytical Environmental Services, Inc **Date:** 3-Aug-20

Client:	United Consulting Group Inc.	**Client Sample ID:**	EB-54-NE2 (0-2)
Project Name:	Atlanta Beltline	**Collection Date:**	7/10/2020 12:33:00 PM
Lab ID:	2007P92-012	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D (SW3050B)								
Arsenic	88.1	2.51		mg/Kg-dry	300553	1	07/31/2020 11:02	AJ
PERCENT MOISTURE D2216								
Percent Moisture	15.8	0		wt%	R431045	1	07/28/2020 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

Analytical Environmental Services, Inc **Date:** 3-Aug-20

Client:	United Consulting Group Inc.	**Client Sample ID:**	EB-54-NW2 (0-2)
Project Name:	Atlanta Beltline	**Collection Date:**	7/10/2020 12:47:00 PM
Lab ID:	2007P92-013	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D (SW3050B)								
Arsenic	19.7	2.42		mg/Kg-dry	300553	1	07/31/2020 11:09	AJ
PERCENT MOISTURE D2216								
Percent Moisture	14.6	0		wt%	R431045	1	07/28/2020 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

Analytical Environmental Services, Inc **Date:** 3-Aug-20

Client:	United Consulting Group Inc.	**Client Sample ID:**	EB-53-SE2 (0-2)
Project Name:	Atlanta Beltline	**Collection Date:**	7/10/2020 1:35:00 PM
Lab ID:	2007P92-014	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D (SW3050B)								
Arsenic	12.4	2.72		mg/Kg-dry	300553	1	07/31/2020 11:12	AJ
PERCENT MOISTURE D2216								
Percent Moisture	21.6	0		wt%	R431045	1	07/28/2020 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

Analytical Environmental Services, Inc **Date:** 3-Aug-20

Client:	United Consulting Group Inc.	**Client Sample ID:**	EB-53-SW2 (0-2)
Project Name:	Atlanta Beltline	**Collection Date:**	7/10/2020 1:50:00 PM
Lab ID:	2007P92-015	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D (SW3050B)								
Arsenic	10.1	2.49		mg/Kg-dry	300553	1	07/31/2020 11:14	AJ
PERCENT MOISTURE D2216								
Percent Moisture	17.9	0		wt%	R431045	1	07/28/2020 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

Analytical Environmental Services, Inc **Date:** 3-Aug-20

Client:	United Consulting Group Inc.	**Client Sample ID:**	EB-53-N2 (0-2)
Project Name:	Atlanta Beltline	**Collection Date:**	7/13/2020 11:08:00 AM
Lab ID:	2007P92-016	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D (SW3050B)								
Arsenic	31.7	2.60		mg/Kg-dry	300553	1	07/31/2020 11:16	AJ
PERCENT MOISTURE D2216								
Percent Moisture	16.7	0		wt%	R431045	1	07/28/2020 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

Analytical Environmental Services, Inc **Date:** 3-Aug-20

Client:	United Consulting Group Inc.	**Client Sample ID:**	EB-51-NW2 (0-2)
Project Name:	Atlanta Beltline	**Collection Date:**	7/13/2020 12:18:00 PM
Lab ID:	2007P92-017	**Matrix:**	Soil

Analyses	Result	Reporting Limit	Qual	Units	BatchID	Dilution Factor	Date Analyzed	Analyst
METALS, TOTAL SW6010D (SW3050B)								
Arsenic	22.6	2.85		mg/Kg-dry	300553	1	07/31/2020 11:19	AJ
PERCENT MOISTURE D2216								
Percent Moisture	25.1	0		wt%	R431045	1	07/28/2020 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

Clear | Save as

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

SAMPLE/COOLER RECEIPT CHECKLIST

FM 8/3

1. Client Name: **United Consulting Group Inc.** AES Work Order Number: ~~2007H19~~ 2007P92

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

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

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

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

15. Comments: _____

I certify that I have completed sections 1-15 (dated initials). FM 7/17/20

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

27. Comments: _____

I certify that I have completed sections 16-27 (dated initials). FM 7/17/20

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? *	○	○	◉		
29.	Containers meet preservation guidelines?	○	○	◉		
30.	Was pH adjusted at Sample Receipt?	○	○	◉		

* 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 7/17/20

Checklist 6.9.17 Rev 2

Locked

Client: United Consulting Group Inc.
Project Name: Atlanta Beltline
Workorder: 2007P92

ANALYTICAL QC SUMMARY REPORT

BatchID: 300553

Sample ID: **MB-300553**	Client ID:			Units: **mg/Kg**	Prep Date: **07/29/2020**	Run No: **431374**
SampleType: **MBLK**	TestCode: **METALS, TOTAL** **SW6010D**			BatchID: **300553**	Analysis Date: **07/31/2020**	Seq No: **9786320**

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-300553**	Client ID:			Units: **mg/Kg**	Prep Date: **07/29/2020**	Run No: **431374**
SampleType: **LCS**	TestCode: **METALS, TOTAL** **SW6010D**			BatchID: **300553**	Analysis Date: **07/31/2020**	Seq No: **9786321**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	45.98	2.50	50.00		92.0	80	120				

Sample ID: **2007P92-004AMS**	Client ID: **EB-73-SW2**			Units: **mg/Kg-dry**	Prep Date: **07/29/2020**	Run No: **431374**
SampleType: **MS**	TestCode: **METALS, TOTAL** **SW6010D**			BatchID: **300553**	Analysis Date: **07/31/2020**	Seq No: **9786323**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	60.85	2.58	51.52	13.38	92.1	75	125				

Sample ID: **2007P92-004AMSD**	Client ID: **EB-73-SW2**			Units: **mg/Kg-dry**	Prep Date: **07/29/2020**	Run No: **431374**
SampleType: **MSD**	TestCode: **METALS, TOTAL** **SW6010D**			BatchID: **300553**	Analysis Date: **07/31/2020**	Seq No: **9786324**

Analyte	Result	RPT Limit	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Arsenic	50.60	2.58	51.54	13.38	72.2	70	125	60.85	18.4	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

AES

ANALYTICAL ENVIRONMENTAL SERVICES, INC.

October 22, 2020

Spencer Cox
United Consulting Group Inc.

625 Holcomb Bridge Rd
Norcross GA 30071

RE: ABI Segment 3 (Atlanta Beltline)

Dear Spencer Cox: Order No: 2010I00

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

Ioana Pacurar

Project Manager

3080 Presidential Drive • Atlanta, Georgia 30340 • Tel: 770.457.8177 • Fax: 770.457.8188 • Toll Free: 800.972.4889
www.aesatlanta.com

AES | ANALYTICAL ENVIRONMENTAL SERVICES, INC.

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

CHAIN OF CUSTODY

Work Order: 2010100
Page 1 of 1

COMPANY:	ADDRESS:
UNITED CONSULTING	FILE
PHONE: 770 209 0029	EMAIL: bsharp@unitedconsulting.com
SAMPLED BY: BRANDON SHARP	SIGNATURE:

#	SAMPLE ID	SAMPLED: DATE	SAMPLED: TIME	GRAB	COMPOSITE	MATRIX (see codes)	ANALYSIS REQUESTED: TCLP (RCRA 8 Metals)	PRESERVATION (see codes)	REMARKS	Number of Containers
1	SG-3-C	10/15/20	11:20		X	SO	X			1
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										

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

RELINQUISHED BY:	DATE/TIME:	RECEIVED BY:	DATE/TIME:
1. BRANDON SHARP	10/15/2020 12:52	1.	10/15/20 12:52p
2.		2.	
3.		3.	

SPECIAL INSTRUCTIONS/COMMENTS:

SHIPMENT METHOD
OUT: / / VIA:
IN: / / VIA:
(Client) FedEx UPS US mail courier
other: _____

PROJECT INFORMATION
PROJECT NAME: ABI SEGMENT 3 (ATL. BELTLINE)
PROJECT #: 01192-12
SITE ADDRESS: MILTON AVE, ATL, GA
SEND REPORT TO: B.SHARP@S.COX
INVOICE TO (IF DIFFERENT FROM ABOVE):
QUOTE #: _____ PO#: 9153

RECEIPT
Total # of Containers: 1

Turnaround Time (TAT) Request
- [x] Standard
- [ ] 2 Business Day Rush
- [ ] Next Business Day Rush
- [ ] Same-Day Rush (auth req.)
- [ ] Other _____

REGULATORY PROGRAM (if any):
DATA PACKAGE: I ○ II ○ III ○ IV ○

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

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

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

4.30.20_COC

White Copy - Original; Yellow Copy - Client

Analytical Environmental Services, Inc **Date:** 22-Oct-20

Client:	United Consulting Group Inc.	**Client Sample ID:**	SG-3-C
Project Name:	ABI Segment 3 (Atlanta Beltline)	**Collection Date:**	10/15/2020 11:20:00 AM
Lab ID:	2010I00-001	**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 17:00	SK
ICP METALS, TCLP SW1311/6010D				**(SW3010A)**				
Arsenic	BRL	0.250		mg/L	304590	1	10/21/2020 12:12	KB
Barium	BRL	0.500		mg/L	304590	1	10/21/2020 12:12	KB
Cadmium	BRL	0.0250		mg/L	304590	1	10/21/2020 12:12	KB
Chromium	BRL	0.0500		mg/L	304590	1	10/21/2020 12:12	KB
Lead	BRL	0.0500		mg/L	304590	1	10/21/2020 12:12	KB
Selenium	BRL	0.100		mg/L	304590	1	10/21/2020 12:12	KB
Silver	BRL	0.0250		mg/L	304590	1	10/21/2020 12:12	KB

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

Analytical Environmental Services, Inc

Date: 22-Oct-20

SUMMARY OF ANALYTES DETECTED

Analyses	Result	Qual	MDL	Reporting Limit	Units	BatchID	Dilution Factor
Client Sample ID: SG-3-C				**Lab ID:** 2010I00-001			
Collection Date: 10/15/2020 11:20:00 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

Clear Save as

ANALYTICAL ENVIRONMENTAL SERVICES, INC. AES

SAMPLE/COOLER RECEIPT CHECKLIST

1. Client Name: **United Consulting Group Inc.** AES Work Order Number: **2010I00**

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

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

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

27. Comments: _____

I certify that I have completed sections 16-27 (dated initials). MJ 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? *	○	○	◉		
29.	Containers meet preservation guidelines?	○	○	◉		
30.	Was pH adjusted at Sample Receipt?	○	○	◉		

* 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

Locked

Client: United Consulting Group Inc.
Project Name: ABI Segment 3 (Atlanta Beltline)
Workorder: 2010I00

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 3 (Atlanta Beltline)
Workorder: 2010I00

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 3 (Atlanta Beltline)
Workorder: 2010I00

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