



Remedial Investigation
Additional Waste Delineation Assessment Report
Southside Park Landfill NONCD00000807
2645 Toomey Avenue, Charlotte, Mecklenburg County North Carolina
Task Order 807RI-17
S&ME Project No. 215952

PREPARED FOR:

**North Carolina Department of Environmental Quality
Division of Waste Management – Inactive Hazardous Sites Branch
Pre-Regulatory Landfill Unit
1646 Mail Service Center
Raleigh, NC 27699-1646**

PREPARED BY:

**S&ME, Inc.
3201 Spring Forest Road
Raleigh, NC 27616
October 10, 2025**



October 10, 2025

North Carolina Department of Environmental Quality
Division of Waste Management – Special Remediation Branch
Pre-Regulatory Landfill Unit
1646 Mail Service Center
Raleigh, NC 27699-1646

Attention: Sean Gallagher via email: sean.gallagher@deq.nc.gov
Environmental Engineer

Reference: **Remedial Investigation-Additional Waste Delineation Assessment Report
Southside Park Landfill**
2645 Toomey Ave., Charlotte, Mecklenburg County, North Carolina
NCDEQ ID No. NONCD0000807
NCDEQ Task Orders 807RI 17
S&ME Project No. 215952

Dear Mr. Gallagher:

S&ME, Inc. (S&ME) is submitting this report summarizing the results of the Remedial Investigation Waste Delineation activities conducted at the above-referenced site in Charlotte, North Carolina. S&ME completed this investigation in general conformance with S&ME Proposal No. 215952N, Revision 1 for Task Order 807RI-16 and 807RI-17, dated March 25, 2025, under the terms of Contract Number N42621-B, dated January 4, 2022, between NCDEQ and S&ME.

Please call us at 919-872-2660 with any questions or comments.

Sincerely,

S&ME, Inc.

A handwritten signature in blue ink, appearing to read 'Thomas Raymond'.

Thomas Raymond, P. E., PMP
Principal Engineer/Project Manager
traymond@smeinc.com

A handwritten signature in blue ink, appearing to read 'Clay Faircloth'.

Clay Faircloth, E.I.T.
Staff Professional
cfaircloth@smeinc.com

Attachment: Remedial Investigation – Additional Waste Delineation Assessment Report



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1.0 Summary of Current Investigation

S&ME performed Remedial Investigation Waste Delineation activities at the site in November and December of 2024. During the investigation, 141 soil borings were installed at the site to delineate the waste boundary. The findings of the investigation were presented to the North Carolina Department of Environmental Quality (NCDEQ) in a report dated January 13, 2025, under NCDEQ Task Order 807RI-5.

Following the submittal of the Remedial Investigation – Waste Delineation Report, dated January 13, 2025, NCDEQ reviewed the report and determined that additional delineation was necessary. In accordance with correspondence between NCDEQ and S&ME regarding continued assessment at the site, S&ME prepared a Work Plan & Cost Estimate for Waste Delineation Assessment, dated March 25, 2025.

S&ME completed the following Scope of Services listed below for this investigation in general conformance with S&ME Proposal No. 215952N, Revision 1, dated March 25, 2025, for Task Order 807RI-16 and 807RI-17 under the terms of Contract Number N42621-B, dated January 4, 2022, between NCDEQ and S&ME.

- Clearing vegetation prior to test pit excavations;
- Utility locating;
- Additional Waste Disposal Area (WDA) delineation;
- Report preparation.

S&ME's services were performed in general accordance with the North Carolina Department of Environmental Quality (NCDEQ), Inactive Hazardous Sites Program guidance documents: *Guidelines for Addressing Pre-Regulatory Landfills and Dumps* (March 2022) and S&ME's approved *Standard Operating Procedures and Quality Assurance (SOP/QA) Manual*, previously approved by NCDEQ.

2.0 Utility Locating

On April 22, 2025, prior to commencing invasive field activities, S&ME contracted with a private utility locating subcontractor, Utility Locating Carolinas (ULC), to mark underground utilities in the vicinity of the proposed drilling locations. S&ME field personnel flagged the proposed drilling locations and accompanied ULC while underground utilities were being located and marked in these areas. Test Pits, Boring locations and utilities were logged in the field with a handheld GPS and coordinates of each location are displayed in **Appendix I**. Several utilities including water lines, gas lines, overhead electric lines, and sewer lines were identified around the waste area. **Figure 1** is the Site Location Map with mapped utilities.

3.0 Waste Disposal Area (WDA) Perimeter Delineation

3.1 WDA Soil Boring Installations

The investigation area for the current waste disposal area perimeter delineation includes Mecklenburg County Parcel Identification Numbers (PIN): 14501301, 14501302, 14501303, 14501304, 14501305,



14501307, 14501308, 14501319, 14501320, 14501321, 14501322, 14501415, 14501416, 14501612, 14501801, 14501802, 14505113, 11905406, 11905301, 11905202.

S&ME's subcontract drill crew, SAEDACCO, installed 52 soil borings (SB-142 to SB-193) between May 12-15, 2025.

EDPS's drill crew utilized a track mounted Geoprobe® unit (7822 DT) equipped with Macro-Core soil sampling tooling and hollow stem augers to collect soil/waste samples from the boring locations. At all locations, soil samples were continuously logged and were classified to identify soil types according to the Unified Soil Classification System (USCS).

On July 10, 2025, S&ME personnel hand augured additional waste delineation borings to confirm the extent of waste off property south of Chicago Avenue. The hand augers were advanced to approximately five feet below ground surface (bgs).

Boring and trench locations and the estimated waste boundary are depicted on **Figures 2, 2A and 2B**. **Figure 3** shows the waste delineation area on an aerial map. Coordinates for the soil borings and trenches can be found in **Appendix I**. Waste delineation information from the borings is presented in **Table 1**. Boring logs are included in the field documents in **Appendix II**. A photographic log of the borings and waste found is included in **Appendix III**.

3.2 WDA Trench Installations

S&ME's subcontract test pit crew, SAEDACCO conducted 13 test pits (T-1 to T-13) from April 28, 2025 through May 1, 2025.

SAEDACCO test pit crew utilized an excavator to conduct waste delineation test pits to a maximum depth of 10 feet bgs. Soils were continuously logged and classified, identifying soil types according to the Unified Soil Classification System (USCS). Test pit locations and the adjusted waste boundary are depicted on **Figures 2, 2A and 2B**. Waste delineation information from the test pits is presented in **Table 1**. **Appendix I** presents the coordinates of the test pits. Test Pit Logs are included in **Appendix II**.

3.3 WDA Soil Boring Results

The observed waste was mostly glass and brick fragments in a matrix of black sands/clays. Larger incinerator waste included melted plastic, rubber, and metal found throughout most of the borings. Waste was typically found at a depth of two to four feet below ground surface (bgs), and waste was recorded up to a depth of 36 feet bgs (SB-01), where groundwater was also encountered.

Waste was located near the eastern property line along Remount Road during the first WDA delineation work. During this additional assessment, waste was confirmed to not cross Remount Road. Borings (SB-157-174) did not contain waste on parcels 11905202, 11905301, and 11905406.

Waste was also located along the eastern side of Toomey Avenue, and on the Animal Shelter property on the western side of Toomey Avenue during the first assessment. Waste was not found at parcel 14501801 across from the northwest corner of the park property.



Stainless steel hand augers were also implemented in areas that neither drill rig nor mini excavator could reach. The hand augers were used to delineate the waste boundary in the northeast portion of the park around the basketball court. No waste was observed off the park property near Baltimore Avenue.

The waste extends slightly off property south of Chicago Avenue on parcel 14505113. Hand auger borings conducted by S&ME personnel confirmed waste down to five feet bgs.

The buried waste area is approximately 20 acres. Test Pit and Boring locations are depicted on **Figures 2, 2A and 2B**.

3.4 WDA Trench Results

Where waste was encountered in trenches, the waste was comprised of glass bottles, plastic, rubber, old tires, household waste and appliances, wiring, and other miscellaneous items. Trenches near the parking lot (T-1 to T-3) contained waste down to 5-7 feet bgs and extended close to the park boundary. It is interpreted that waste may be located off site and onto residential properties in these areas.

Trenches near the creek bed (T-4 to T-7) had waste leading up to and sometimes into the creek. Waste was observed at a depth of 7 feet bgs.

Trenches on the southwest portion of the park property contained no waste (T-8 to T-13). The trenches were conducted going up the slopes near the paths and delineating the edge of the waste boundary. The depths of these trenches ranged from five to nine feet bgs over a length of 20 feet for some trenches.

The buried waste area comprises an area of approximately 20 acres. Test Pit and Boring locations are depicted on **Figures 2, 2A and 2B**.

4.0 Investigative Derived Waste

Investigative derived waste (IDW) extracted from the soil borings and test pits were placed back into the ground and covered with soil, seed, and straw.

5.0 Sole Use Statement

This report is solely intended for use by NCDEQ for the services that were performed in accordance with with S&ME Proposal No. 215952N, Revision 1 for Task Order 807RI-16 and 807RI-17, dated March 25, 2025, under the terms of Contract Number N42621-B, dated January 4, 2022, between NCDEQ and S&ME.



6.0 Certification Acknowledgement

"I certify that to the best of my knowledge, after thorough investigation, the information contained in or accompanying this certification is true, accurate, and complete."

Thomas P. Raymond / S&ME, Inc.

Name of Environmental Consultant / Company

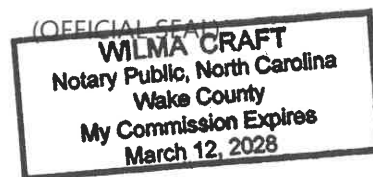

Signature of Environmental Consultant

Oct. 10, 2025
Date

I, Wilma Craft, a Notary Public of said County and State, do hereby certify that Thomas P. Raymond did personally appear and sign before me this day, produced proper identification in the form of North Carolina Driver's License, was duly sworn or affirmed, and declared that, he or she is the duly authorized environmental consultant referenced above and that, to the best of his or her knowledge and belief, after thorough investigation, the information contained in the above certification is true and accurate, and he or she then signed this Certification in my presence.

WITNESS my hand and official seal this 10 day of October, 2025.

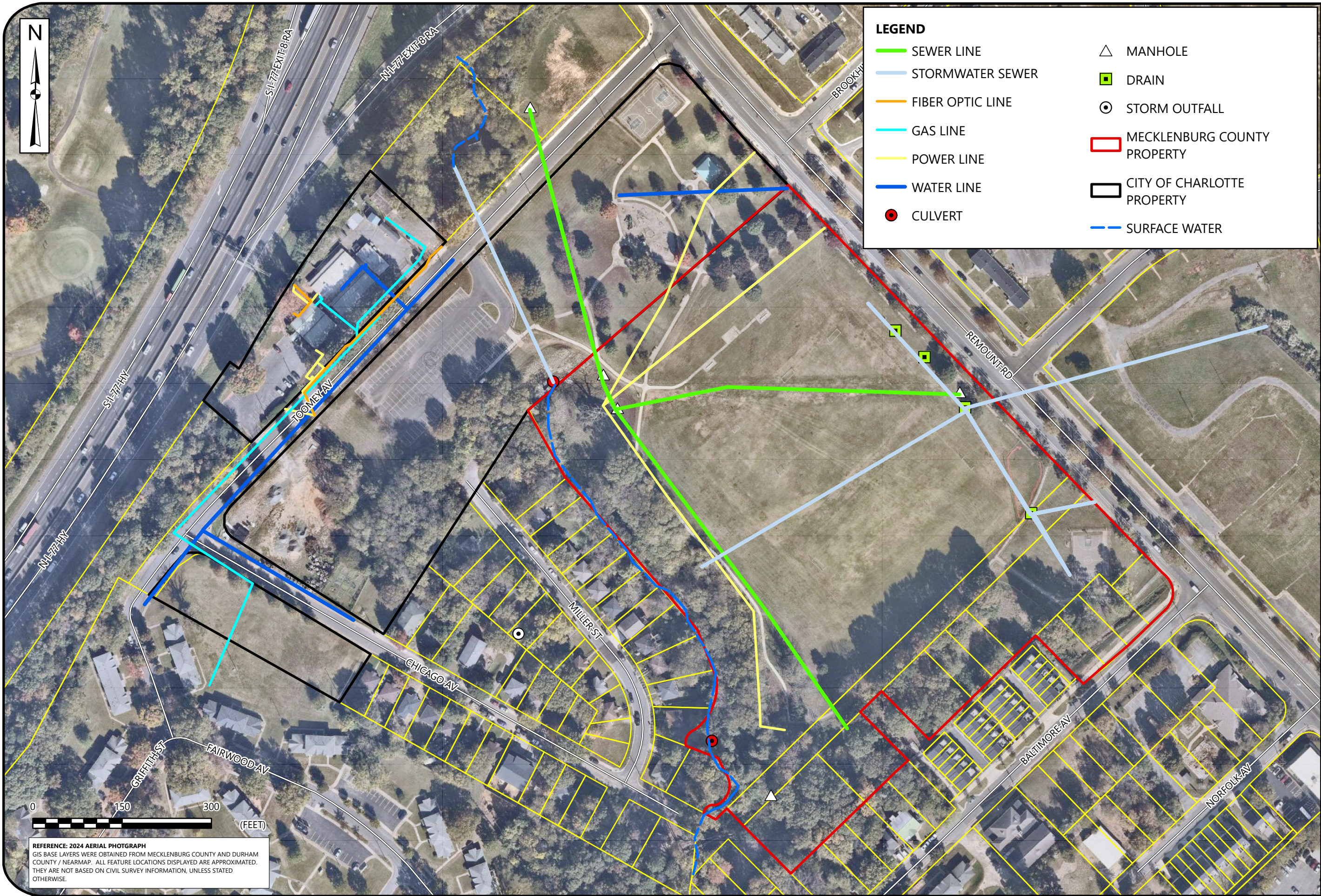
Wilma Craft
Notary Public (signature)



My commission expires: March 12, 2028

Figures

Drawing Path: T:\Raleigh-1050\Projects\2021\215952_NCDEQ_Southside Park Assessments_Charlotte\NCGIS\WasteDelineationMap\ plotted by cfaircloth



WASTE DELINEATION SITE MAP

SOUTHSIDE PARK LANDFILL NCDEQ ID NO. NONCD0000807
TASK ORDER 807RI-17
REMOUNT ROAD, CHARLOTTE, MECKLENBURG COUNTY, NORTH CAROLINA

SCALE:
1" = 150'

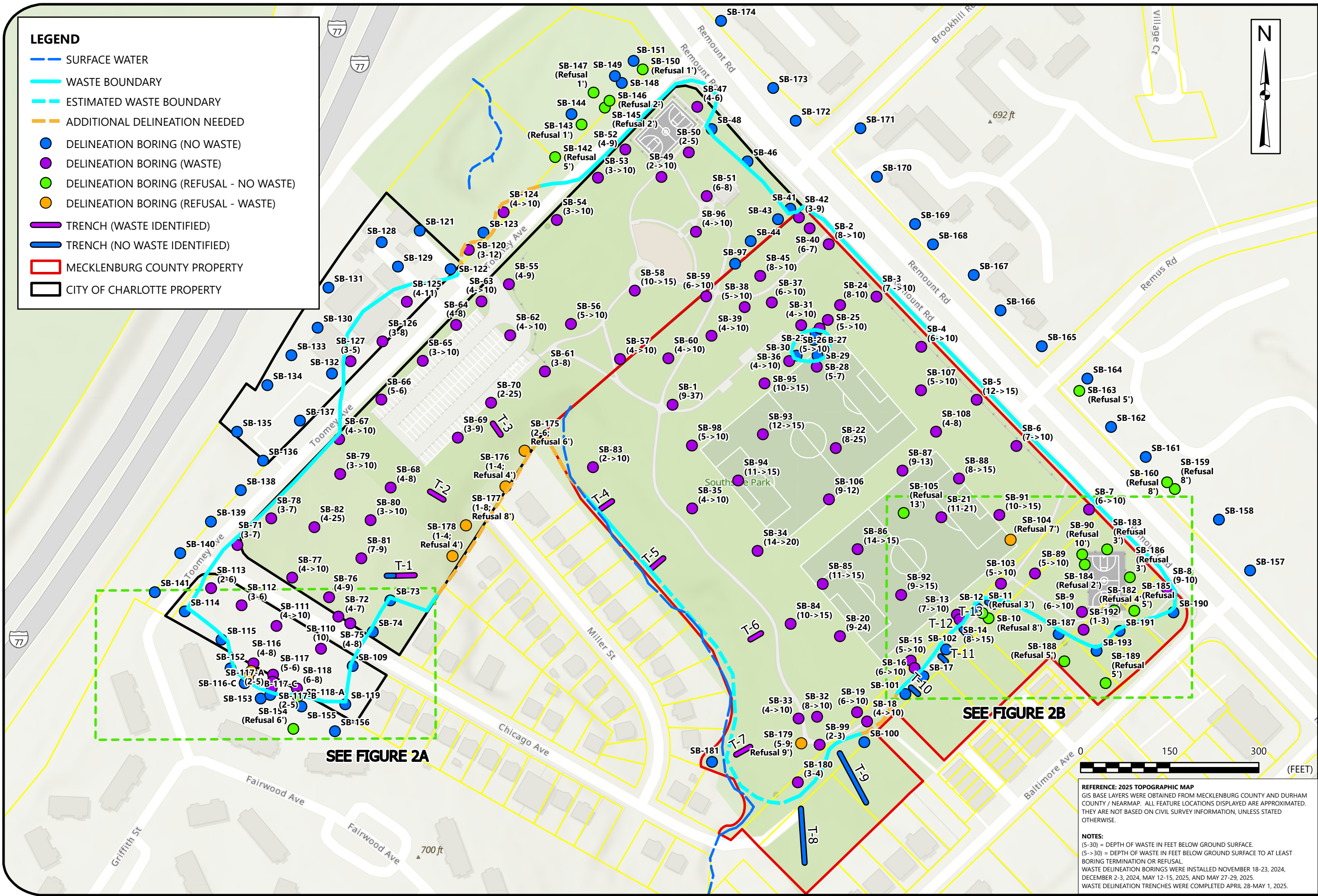
DATE:
10/8/2025

PROJECT NUMBER
215952

FIGURE NO.

1

Drawing Path: T:\Raleigh-1050\Projects\2021\215952_NCDEQ_Southside Park Assessments_Charlotte NC\GIS\WasteDelineationMap.plotted by cfaicloth



WASTE DELINEATION BORING AND TRENCH LOCATIONS

SOUTHSIDE PARK LANDFILL NCDEQ ID NO. NONCD0000807

TASK ORDER 807RI-17

REMOUNT ROAD, CHARLOTTE, MECKLENBURG COUNTY, NORTH CAROLINA

Drawing Path: T:\Raleigh-1050\Projects\2021\215952_NCDEQ_Southside Park Assessments_Charlotte NC\GIS\WasteDelineationMap\ plotted by cfaircloth



WASTE DELINEATION BORINGS - CHICAGO AVENUE

SOUTHSIDE PARK LANDFILL NCDEQ ID NO. NONCD0000807
TASK ORDER 807RI-17
REMOUNT ROAD, CHARLOTTE, MECKLENBURG COUNTY, NORTH CAROLINA

SCALE:
1" = 30'

DATE:
10/8/2025

PROJECT NUMBER
215952

FIGURE NO.

2A

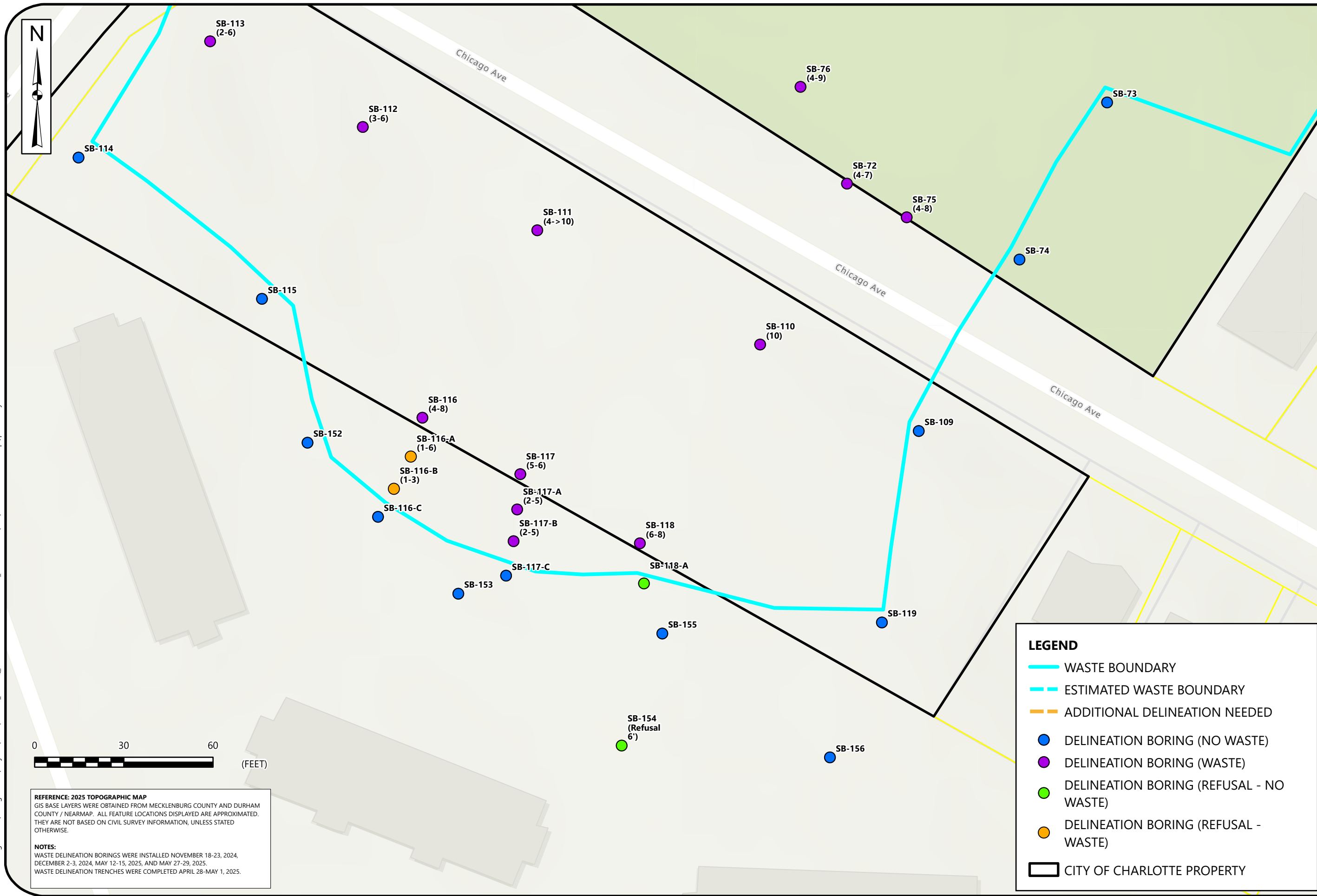
0 30 60
(FEET)

REFERENCE: 2025 TOPOGRAPHIC MAP
GIS BASE LAYERS WERE OBTAINED FROM MECKLENBURG COUNTY AND DURHAM COUNTY / NEARMAP. ALL FEATURE LOCATIONS DISPLAYED ARE APPROXIMATED. THEY ARE NOT BASED ON CIVIL SURVEY INFORMATION, UNLESS STATED OTHERWISE.

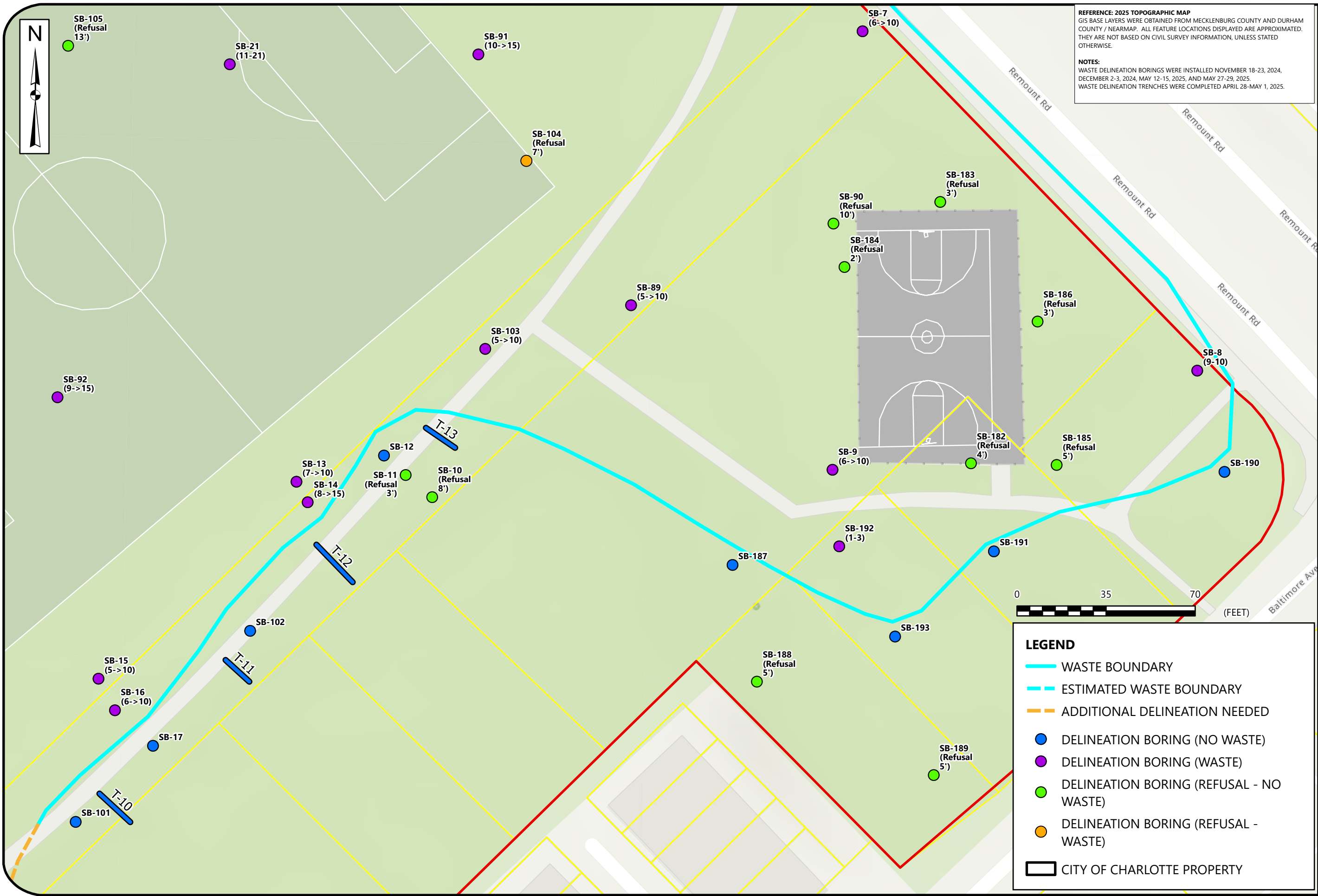
NOTES:
WASTE DELINEATION BORINGS WERE INSTALLED NOVEMBER 18-23, 2024, DECEMBER 2-3, 2024, MAY 12-15, 2025, AND MAY 27-29, 2025.
WASTE DELINEATION TRENCHES WERE COMPLETED APRIL 28-MAY 1, 2025.

LEGEND

- WASTE BOUNDARY
- ESTIMATED WASTE BOUNDARY
- ADDITIONAL DELINEATION NEEDED
- DELINEATION BORING (NO WASTE)
- DELINEATION BORING (WASTE)
- DELINEATION BORING (REFUSAL - NO WASTE)
- DELINEATION BORING (REFUSAL - WASTE)
- CITY OF CHARLOTTE PROPERTY



Drawing Path: T:\Raleigh-1050\Projects\2021\215952_NCDEQ_Southside Park Assessments_Charlotte NC\GIS\WasteDelineationMap\ plotted by cfaicloth



WASTE DELINEATION BORINGS - EASTERN CORNER

SOUTHSIDE PARK LANDFILL NCDEQ ID NO. NONCD0000807
TASK ORDER 807RI-17
REMOUNT ROAD, CHARLOTTE, MECKLENBURG COUNTY, NORTH CAROLINA

SCALE:
1" = 35'

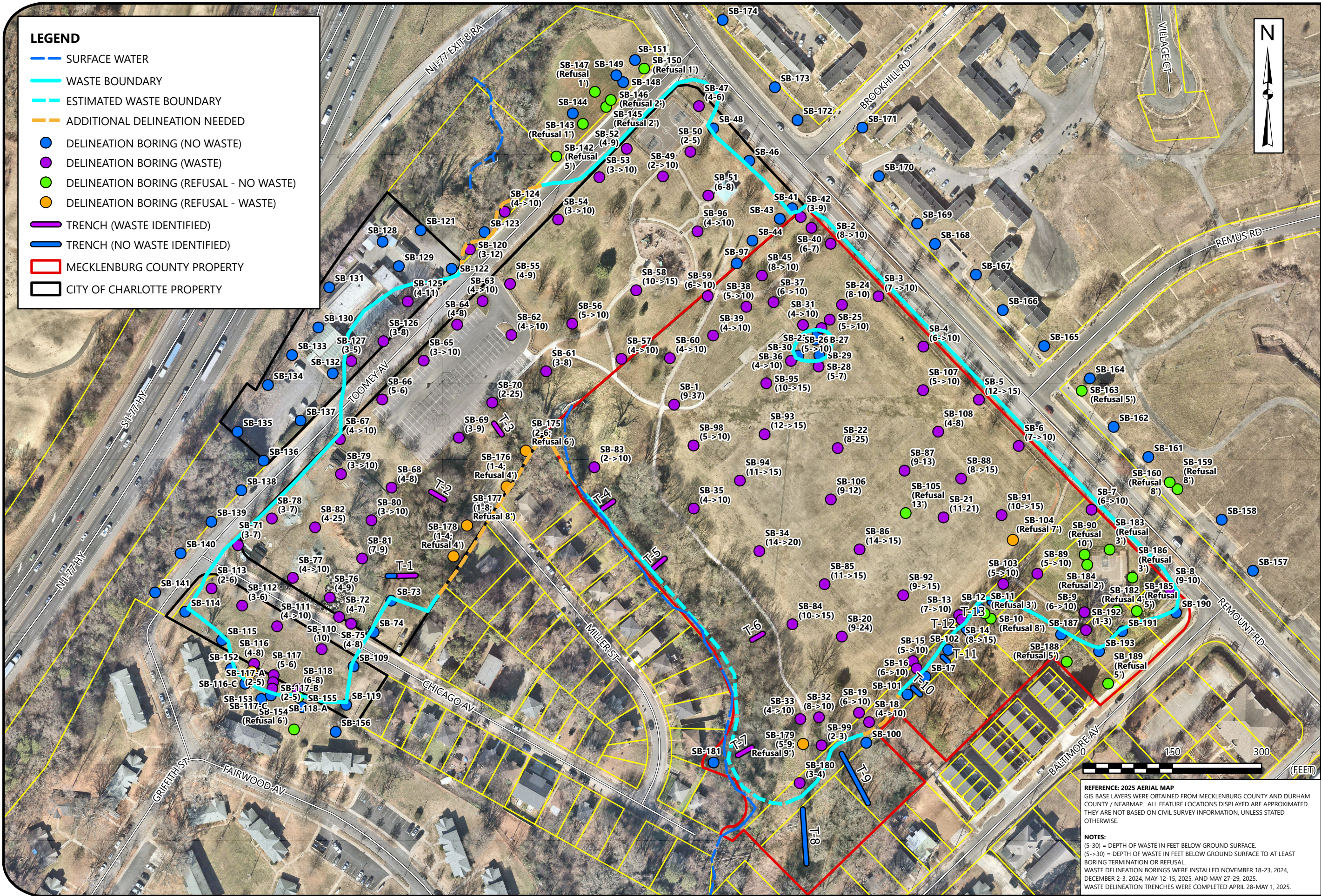
DATE:
10/8/2025

PROJECT NUMBER
215952

FIGURE NO.

2B

Drawing Path: T:\Raleigh-1050\Projects\2021\215952_NCDEQ_Southside Park Assessments_Charlotte\NCGIS\WasteDelineationMap\ plotted by cfaicloth



WASTE DELINEATION BORING AND TRENCH LOCATIONS - AERIAL

SOUTHSIDE PARK LANDFILL NCDEQ ID NO. NONCD0000807
TASK ORDER 807RI-17
REMOUNT ROAD, CHARLOTTE, MECKLENBURG COUNTY, NORTH CAROLINA

SCALE:
1" = 150'
DATE:
10/8/2025
PROJECT NUMBER
215952
FIGURE NO.

Tables



Table 1
WDA Delineation - Soil Boring and Test Pit Data
Waste Delineation Assessment Report
Southside Park Landfill NONCD0000807
Remount Road, Charlotte, Mecklenburg County, North Carolina
S&ME Project Number 215952, NCDEQ Task Order 807RI-17

Site Feature	Type	Total Depth (ft bgs)	Depth to Waste (ft bgs)	Waste Type(s)	Lithology	Waste Thickness (ft.)	Other Notes
SB-1	Waste Delineation Boring	37	25	Rubber/glass/metal	Silty sand	11	Groundwater at 36'
SB-2	Waste Delineation Boring	10	8	Pottery/glass/plastic	Silty sand	2	Ash waste at 8' bgs
SB-3	Waste Delineation Boring	10	7	Metal/cloth/glass	Silty sand	3	
SB-4	Waste Delineation Boring	10	6	Glass/metal	Silty sand	4	
SB-5	Waste Delineation Boring	15	12	Metal/glass/plastic	Silty sand	3	
SB-6	Waste Delineation Boring	10	7	Plastic/rubber	Silty sand	3	Odor observed
SB-7	Waste Delineation Boring	10	6	Cloth/rubber/glass	Silty sand	4	
SB-8	Waste Delineation Boring	10	9	Bricks/glass	Silty sand	1	
SB-9	Waste Delineation Boring	10	6	Glass	Silty sand	4	
SB-10	Waste Delineation Boring	8	Not Encountered	Not Encountered	Silty sand	N/A	
SB-11	Waste Delineation Boring	3	Not Encountered	Not Encountered	Silty sand	N/A	
SB-12	Waste Delineation Boring	10	Not Encountered	Not Encountered	Silty sand (turquoise)	N/A	
SB-13	Waste Delineation Boring	10	7	Rubber/plastic/glass/metal	Silt	3	Petroleum odor
SB-14	Waste Delineation Boring	15	8	Glass/metal/pottery/rubber/plastic	Silt (turquoise)	2	
SB-15	Waste Delineation Boring	10	8	Rubber/plastic/glass	Silty sand	2	
SB-16	Waste Delineation Boring	10	6	Metal/glass	Silty sand	4	
SB-17	Waste Delineation Boring	15	Not Encountered	Not Encountered	Silty sand	N/A	
SB-18	Waste Delineation Boring	10	4	Glass		1' at 4-5 ft. bgs and 2' from 8 to 10 bgs	
SB-19	Waste Delineation Boring	10	6	Cloth/glass/pottery	Silty sand	2	
SB-20	Waste Delineation Boring	24	9	Glass/metal/plastic Metal/rubber/plastic/pottery	Brown/turquoise silty soil	1' from 9-10 bgs 10' from 14-24 ft. bgs	
SB-21	Waste Delineation Boring	30	11	Brick/cement/glass	Br. Silty sand / red sand	5	
SB-22	Waste Delineation Boring	30	12	Metal/brick/glass/ceramics/plastic	Silty sand	13	Waste primarily located from 12-25' bgs, ash observed at 8' bgs
SB-23	Waste Delineation Boring	15	Not Encountered	Not Encountered	Silty sand	N/A	
SB-24	Waste Delineation Boring	10	8	Metal/glass	Dark red silty clay	1	
SB-25	Waste Delineation Boring	10	5	Ceramics/ash/metal/glass	Dark red clayey silt	5	
SB-26	Waste Delineation Boring	10	5	Glass	Red silty sand	5	
SB-27	Waste Delineation Boring	15	Not Encountered	Not Encountered	Brown silty sand	N/A	One glass shard observed at 5' bgs - not ID'd as a waste layer
SB-28	Waste Delineation Boring	10	5	Glass/ash	Gray black clay	3	
SB-29	Waste Delineation Boring	15	Not Encountered	Not Encountered	Brown sand / black clay	N/A	
SB-30	Waste Delineation Boring	15	Not Encountered	Not Encountered	Silty sand	N/A	Gray/black layer at approx. 8' bgs
SB-31	Waste Delineation Boring	10	4	Plastics/glass/metal/rubber	Silty sand	6	
SB-32	Waste Delineation Boring	10	8	Glass/rubber/plastic/brick	Brown / turquoise silts	2	
SB-33	Waste Delineation Boring	10	4	Ceramic/glass/plastic wrap	Red silty clay	5	
SB-34	Waste Delineation Boring	20	14	Ceramic/rubber/glass	Brown silty sand / black/gray clay	2	1' thick waste layer from 14-15' bgs 1' thick waste layer from 19-20' bgs
SB-35	Waste Delineation Boring	10	4	Glass/ash/plastic/ceramic	Light tan / red sands	5	
SB-36	Waste Delineation Boring	10	4	Glass/rubber/metal	Dark tan/brown silty sand	6	
SB-37	Waste Delineation Boring	10	6	Glass/metal	Light tan sand	4	
SB-38	Waste Delineation Boring	10	5	Rubber/glass/plastic/leather	Tan silty sand	5	
SB-39	Waste Delineation Boring	10	4	Rubber/ash/metal	Dark brown sand	6	Waste odor / gray black ashy layer at 6' bgs
SB-40	Waste Delineation Boring	10	5	Glass/plastic/metal	Turquoise soil	2	
SB-41	Waste Delineation Boring	15	Not Encountered	Not Encountered	Brown silty sand	N/A	
SB-42	Waste Delineation Boring	10	3	Glass/plastic	Brown silty sand	2	
SB-43	Waste Delineation Boring	10	Not Encountered	Not Encountered	Light tan/brown silty sand	N/A	One glass shard observed at 4' bgs
SB-44	Waste Delineation Boring	10	Not Encountered	Not Encountered	Light tan/brown silty sand	N/A	
SB-45	Waste Delineation Boring	10	9	Metal/glass/plastic	Brown/red silty sand	1	
SB-46	Waste Delineation Boring	10	Not Encountered	Not Encountered	Light tan/brown silty sand	N/A	
SB-47	Waste Delineation Boring	10	4	Glass/ceramic/metal	Brown silty/loamy soil	2	
SB-48	Waste Delineation Boring	10	Not Encountered	Not Encountered	Brown silty sand	N/A	
SB-49	Waste Delineation Boring	10	7	Glass/rubber/plastic	Brown silty sand	2	
SB-50	Waste Delineation Boring	10	2	Glass/tile	Brown silty sand	3	
SB-51	Waste Delineation Boring	13	6	Glass	Silty sand	2	
SB-52	Waste Delineation Boring	10	4	Glass	Brown/red silty sand	2	1' thick waste layer from 4-5' bgs 1' thick waste layer from 8-9' bgs
SB-53	Waste Delineation Boring	10	3	Glass/metal/brick/pottery	Red/black loamy sand	7	
SB-54	Waste Delineation Boring	10	3	Glass/ceramic/metal	Black loamy sand	7	
SB-55	Waste Delineation Boring	10	4	Glass/metal/tile	Brown silty sand	5	
SB-56	Waste Delineation Boring	10	5	Glass/cloth	Red silty sand	5	
SB-57	Waste Delineation Boring	10	4	Glass/tile/metal/ceramic/rubber	Black loamy sand	6	
SB-58	Waste Delineation Boring	15	10	Glass/plastic/tile	Brown silty sand	5	
SB-59	Waste Delineation Boring	10	6	Rubber/glass	Brown sandy silt	3	
SB-60	Waste Delineation Boring	10	4	Concrete/glass/cloth/plastic	Brown silty soil	6	
SB-61	Waste Delineation Boring	10	3	Rubber/metal/glass	Brown silty sand	5	
SB-62	Waste Delineation Boring	10	4	Glass	Brown silty sand	6	
SB-63	Waste Delineation Boring	10	4	Glass/metal wire/pottery	Brown silty sand	6	
SB-64	Waste Delineation Boring	10	4	Glass/plastic	Brown silty sand	4	
SB-65	Waste Delineation Boring	10	3	Glass	Brown silty sand	4	Metal wire observed at 10' bgs below 2' of soil with no waste
SB-66	Waste Delineation Boring	10	5	Tile/glass/plastic	Brown silty soil	1	
SB-67	Waste Delineation Boring	10	4	Glass/plastic/rubber	Brown silty sand	6	
SB-68	Waste Delineation Boring	10	4	Glass/tile/metal	Brown silty sand	2	Glass observed at 4' - waste layer observed at 6-7' bgs
SB-69	Waste Delineation Boring	10	3	Glass/plastic	Brown silty sand	4	
SB-70	Waste Delineation Boring	25	2	Glass/rubber/metal/plastic/ceramic	Gray/brown silty sand	23	Pervasive glass throughout
SB-71	Waste Delineation Boring	10	3	Glass/tile/metal/cloth	Brown silty sand	5	

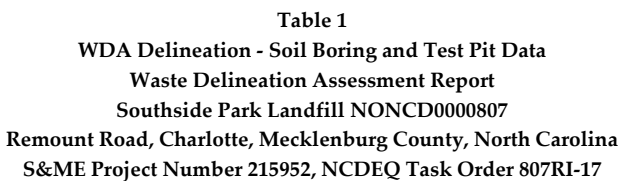
Notes:
Bgs: Below ground surface
SB: Soil Borings
T: Test Pits



Table 1
WDA Delineation - Soil Boring and Test Pit Data
Waste Delineation Assessment Report
Southside Park Landfill NONCD0000807
Remount Road, Charlotte, Mecklenburg County, North Carolina
S&ME Project Number 215952, NCDEQ Task Order 807RI-17

Site Feature	Type	Total Depth (ft bgs)	Depth to Waste (ft bgs)	Waste Type(s)	Lithology	Waste Thickness (ft.)	Other Notes
SB-72	Waste Delineation Boring	10	4	Glass	Brown silty sand	2	Glass reinforced window pane observe
SB-73	Waste Delineation Boring	10	Not Encountered	Not Encountered	Light tan silty sand	N/A	
SB-74	Waste Delineation Boring	10	Not Encountered	Not Encountered	Light tan silty sand	N/A	
SB-75	Waste Delineation Boring	10	4	Glass/metal/wire/plastic	Brown silty sand	4	
SB-76	Waste Delineation Boring	10	4	Glass/rubber	Brown loamy soil	5	
SB-77	Waste Delineation Boring	10	4	Plastic/glass/pottery/rubber	Red/brown silty sand	6	
SB-78	Waste Delineation Boring	10	3	Glass/tin foil/rubber/plastic	Brown silty sand	4	
SB-79	Waste Delineation Boring	10	3	Glass/melted metal/cloth	Brown loamy sand	7	
SB-80	Waste Delineation Boring	10	3	Metal/glass/rubber/plastic	Brown silty sand	7	
SB-81	Waste Delineation Boring	10	7	Glass/rubber/plastic	Brown silty sand	2	
SB-82	Waste Delineation Boring	25	4	Glass/tile/plastic/rubber/metal/porcelain	Brown silty sand	21	
SB-83	Waste Delineation Boring	10	2	Ceramic/glass/plastic	Brown silty sand	8	
SB-84	Waste Delineation Boring	15	10	Glass/rubber/ceramic/metal and metal slag	Brown silty sand	5	
SB-85	Waste Delineation Boring	15	11	Glass/metal/cloth	Light tan silty sand	4	
SB-86	Waste Delineation Boring	15	14	Brick/metal	Brown silty sand / Dark clay silty soil from 6-13 ft. bgs	1	
SB-87	Waste Delineation Boring	15	9	Glass/brick/rubber/burnt wood	Brown silty sand	4	
SB-88	Waste Delineation Boring	15	8	Brick/rubber/ash/glass	Brown silty sand	7	
SB-89	Waste Delineation Boring	10	5	Metal/glass/ceramic	Brown silty sand	2	Waste from 5-6' bgs and 9-10' bgs
SB-90	Waste Delineation Boring	10	Not Encountered	Not Encountered	Brown and light red silty sand	N/A	Refusal at 10'
SB-91	Waste Delineation Boring	15	10	Pottery/glass/rubber/melted metal/plastic	Brown silty sand	5	Red silty clay from 0-2 ft bgs
SB-92	Waste Delineation Boring	15	9	Metal/glass/rope	Brown silty sand	3	Waste at 9' bgs and from 13-15' bgs
SB-93	Waste Delineation Boring	15	12	Glass/rubber/metal/cable	Brown silty sand	3	
SB-94	Waste Delineation Boring	15	11	Glass/metal	Brown silty sand	4	
SB-95	Waste Delineation Boring	15	10	Rubber/glass/wire	Brown silty sand	5	
SB-96	Waste Delineation Boring	10	4	Glass	Brown silty sand	6	Black/coal like soil observed at 5' bgs
SB-97	Waste Delineation Boring	10	Not Encountered	Not Encountered	Brown silty sand	N/A	
SB-98	Waste Delineation Boring	10	5	Wire/glass/pottery/metal/cloth	Brown silty sand	2	Waste at 5' bgs and 10' bgs
SB-99	Waste Delineation Boring	10	2	Pottery/glass	Brown silty sand	1	
SB-100	Waste Delineation Boring	10	Not Encountered	Not Encountered	Brown silty sand	N/A	
SB-101	Waste Delineation Boring	10	Not Encountered	Not Encountered	Brown silty sand	N/A	
SB-102	Waste Delineation Boring	10	Not Encountered	Not Encountered	Brown silty sand	N/A	
SB-103	Waste Delineation Boring	10	5	Glass/wire/metal/rubber	Brown silty sand	5	
SB-104	Waste Delineation Boring	7	4	Brick	Brown silty sand	1	
SB-105	Waste Delineation Boring	13	Not Encountered	Not Encountered	Brown silty sand	N/A	Perhaps brick at 13' causing refusal - not confirmed
SB-106	Waste Delineation Boring	15	9	Glass/metal/rubber	Brown silty sand	3	Black clay observed at 13-15' bgs
SB-107	Waste Delineation Boring	10	5	Glass/wire	Brown silty sand	5	
SB-108	Waste Delineation Boring	10	4	Glass	Red silty sand	2	Glass from 4-5' bgs and 8' bgs
SB-109	Waste Delineation Boring	15	Not Encountered	Not Encountered	Brown silty sand	N/A	
SB-110	Waste Delineation Boring	15	10	Glass	Brown silty sand	1	
SB-111	Waste Delineation Boring	10	4	Glass/metal	Brown/gray sand	6	
SB-112	Waste Delineation Boring	10	3	Glass	Red/brown sand	2	Glass observed at 3' and 6' bgs
SB-113	Waste Delineation Boring	10	2	Glass	Red/brown sand	4	
SB-114	Waste Delineation Boring	15	Not Encountered	Not Encountered	Red sand	N/A	
SB-115	Waste Delineation Boring	10	Not Encountered	Not Encountered	Red clay	N/A	One shard of glass at 4' - not considered a waste layer
SB-116	Waste Delineation Boring	10	4	Glass/metal	Black/gray sand	4	
SB-116-A	Waste Delineation Boring	7	1	Glass/porcelain/metal	Unknown/waste throughout	6	Refusal at 7' bgs
SB-116-B	Waste Delineation Boring	4	1	Brick/glass/porcelain/metal	Unknown/waste throughout	3	Refusal at 4' bgs
SB-116-C	Waste Delineation Boring	5	Not Encountered	Not Encountered	Red/brown silty sand	N/A	
SB-117	Waste Delineation Boring	10	5	Glass	Brown silty sand	1	
SB-117-A	Waste Delineation Boring	6	2	Glass/slag/metal/ceramic	Dark silty sand 1-5' bgs	4	Significant change in soil to red/brown silty sand at 6' bgs
SB-117-B	Waste Delineation Boring	6	2	Glass/slag/metal/ceramic	Dark silty sand 1-5' bgs	4	Significant change in soil to red/brown silty sand at 6' bgs
SB-117-C	Waste Delineation Boring	6	Not Encountered	Not Encountered	Red/orange silty sand	N/A	Minimal glass and metal observed near surface - not identified as waste layer
SB-118	Waste Delineation Boring	10	6	Glass	Brown silty sand		
SB-118A	Waste Delineation Boring	3	Not Encountered	Not Encountered	Hard-packed fine silts	N/A	Auger refusal at 3' bgs, concrete chunk observed near surface. Auger refusal in native hard pack
SB-119	Waste Delineation Boring	10	Not Encountered	Not Encountered	Brown silty sand	N/A	
SB-120	Waste Delineation Boring	15	3	Glass	Black sand	9	Waste from 3-12 ft bgs
SB-121	Waste Delineation Boring	15	10	Glass	Red silty sand	1	Glass at 10' bgs
SB-122	Waste Delineation Boring	15	Not Encountered	Not Encountered	Black/gray silty sand	N/A	Minor glass observed at 5' bgs - not considered a waste layer
SB-123	Waste Delineation Boring	15	Not Encountered	Not Encountered	Black/gray silty sand	N/A	Minor glass and plastic observed at 12 and 13' bgs, not considered a waste layer
SB-124	Waste Delineation Boring	10	4	Glass/pottery	Brown silty sand	6	
SB-125	Waste Delineation Boring	15	4	Glass	Red silty sand	7	Glass from 4-11 ft bgs
SB-126	Waste Delineation Boring	10	3	Plastic/glass	Red silty sand	2	Glass and plastic from 3-4' bgs and glass at 8' bgs
SB-127	Waste Delineation Boring	9	3	Glass	Red/brown silty sand	2	Glass at 3' and 5' bgs
SB-128	Waste Delineation Boring	9	Not Encountered	Not Encountered	Red/brown silty sand with some clays from 0-5 ft bgs	N/A	
SB-129	Waste Delineation Boring	10	Not Encountered	Not Encountered	Brown silty sand	N/A	Red clayey topsoil from 0-1 ft bgs
SB-130	Waste Delineation Boring	10	Not Encountered	Not Encountered	Brown silty sand	N/A	
SB-131	Waste Delineation Boring	10	Not Encountered	Not Encountered	Brown silty sand	N/A	
SB-132	Waste Delineation Boring	10	Not Encountered	Not Encountered	Red silty sand	N/A	
SB-133	Waste Delineation Boring	10	Not Encountered	Not Encountered	Brown silty sand	N/A	

Notes:
Bgs: Below ground surface
SB: Soil Borings
T: Test Pits



SB: Soil Borings

T: Test Pits

Appendices

Appendix I- Coordinates of Selected Features



APPENDIX I
Coordinates of Selected Features
Waste Delineation Assessment Report
Southside Park Landfill NONCD0000807
Remount Road, Charlotte, Mecklenburg County, North Carolina
S&ME Project Number 215952 Task Order 807RI-17

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Site Feature	Type	Location			
		Latitude	Longitude	Northing	Easting
SB-1	Waste Delineation Boring	-80.87381806	35.20748731	535724.1449	1440313.842
SB-2	Waste Delineation Boring	-80.8729551	35.20824357	535994.4678	1440576.758
SB-3	Waste Delineation Boring	-80.87268058	35.20800502	535906.1166	1440657.105
SB-4	Waste Delineation Boring	-80.87242293	35.20777681	535821.6242	1440732.486
SB-5	Waste Delineation Boring	-80.87210518	35.20753672	535732.4687	1440825.736
SB-6	Waste Delineation Boring	-80.8718764	35.20732652	535654.6934	1440892.619
SB-7	Waste Delineation Boring	-80.87146044	35.20703878	535547.6482	1441014.871
SB-8	Waste Delineation Boring	-80.87101201	35.20667931	535414.3225	1441146.332
SB-9	Waste Delineation Boring	-80.8714891	35.20656488	535375.3691	1441003.062
SB-10	Waste Delineation Boring	-80.87201472	35.20652719	535364.6155	1440845.824
SB-11	Waste Delineation Boring	-80.87205015	35.20655054	535373.3109	1440835.401
SB-12	Waste Delineation Boring	-80.87207915	35.20657113	535380.9649	1440826.883
SB-13	Waste Delineation Boring	-80.87219356	35.20654108	535370.6742	1440792.506
SB-14	Waste Delineation Boring	-80.87217833	35.20651917	535362.6184	1440796.906
SB-15	Waste Delineation Boring	-80.87244896	35.20632446	535293.2922	1440714.742
SB-16	Waste Delineation Boring	-80.87242655	35.20629073	535280.8916	1440721.204
SB-17	Waste Delineation Boring	-80.87237563	35.20625315	535266.9312	1440736.154
SB-18	Waste Delineation Boring	-80.87268841	35.20603924	535190.8551	1440641.271
SB-19	Waste Delineation Boring	-80.87274595	35.20608118	535206.4403	1440624.375
SB-20	Waste Delineation Boring	-80.87285038	35.2064313	535334.4281	1440595.59
SB-21	Waste Delineation Boring	-80.87229161	35.20699026	535534.6759	1440766.306
SB-22	Waste Delineation Boring	-80.87289375	35.20730105	535651.1576	1440588.608
SB-23	Waste Delineation Boring	-80.87302982	35.20779943	535833.2755	1440551.393
SB-24	Waste Delineation Boring	-80.87288479	35.20796299	535891.9729	1440595.829
SB-25	Waste Delineation Boring	-80.8729523	35.20789305	535866.9038	1440575.187
SB-26	Waste Delineation Boring	-80.87299752	35.20785337	535852.7215	1440561.409
SB-27	Waste Delineation Boring	-80.87301993	35.20783133	535844.8275	1440554.567
SB-28	Waste Delineation Boring	-80.87300975	35.20767587	535788.1997	1440556.539
SB-29	Waste Delineation Boring	-80.87300672	35.20772779	535807.075	1440557.801
SB-30	Waste Delineation Boring	-80.87312412	35.20772533	535806.8434	1440522.721
SB-31	Waste Delineation Boring	-80.87310173	35.20786655	535858.1022	1440530.377
SB-32	Waste Delineation Boring	-80.87297054	35.20605668	535198.7899	1440557.131
SB-33	Waste Delineation Boring	-80.87307474	35.20604686	535195.805	1440525.942
SB-34	Waste Delineation Boring	-80.87332366	35.20681858	535478.0197	1440456.9
SB-35	Waste Delineation Boring	-80.87369654	35.20700945	535549.5769	1440346.85
SB-36	Waste Delineation Boring	-80.87316577	35.20769936	535797.6274	1440510.105
SB-37	Waste Delineation Boring	-80.87326977	35.20796908	535896.358	1440480.898
SB-38	Waste Delineation Boring	-80.87342223	35.20794518	535888.5216	1440435.2
SB-39	Waste Delineation Boring	-80.87360605	35.20780971	535840.2651	1440379.374
SB-40	Waste Delineation Boring	-80.87306453	35.20831522	536021.1558	1440544.569
SB-41	Waste Delineation Boring	-80.87317539	35.20840417	536054.1473	1440512.07
SB-42	Waste Delineation Boring	-80.87312599	35.20836464	536039.4845	1440526.552
SB-43	Waste Delineation Boring	-80.87324369	35.20835453	536036.4696	1440491.334
SB-44	Waste Delineation Boring	-80.8733952	35.20825106	535999.6715	1440445.373
SB-45	Waste Delineation Boring	-80.87337776	35.20809086	535941.0549	1440461.428
SB-46	Waste Delineation Boring	-80.87342168	35.20861918	536133.7748	1440439.994
SB-47	Waste Delineation Boring	-80.87371061	35.20886737	536225.7132	1440355.411
SB-48	Waste Delineation Boring	-80.87362738	35.2087656	536188.2128	1440379.569
SB-49	Waste Delineation Boring	-80.87390494	35.20853994	536107.663	1440295.124
SB-50	Waste Delineation Boring	-80.8737535	35.2086559	536149.0057	1440341.149
SB-51	Waste Delineation Boring	-80.87364794	35.20845531	536075.4212	1440371.295
SB-52	Waste Delineation Boring	-80.87411144	35.20866397	536153.9594	1440234.305
SB-53	Waste Delineation Boring	-80.87426269	35.20853082	536106.3629	1440188.22
SB-54	Waste Delineation Boring	-80.87448974	35.20833172	536035.1959	1440119.045
SB-55	Waste Delineation Boring	-80.87475294	35.2080305	535927.0705	1440038.369
SB-56	Waste Delineation Boring	-80.87439913	35.20785212	535860.1666	1440142.809
SB-57	Waste Delineation Boring	-80.87411886	35.20769406	535801.0729	1440225.427
SB-58	Waste Delineation Boring	-80.87404312	35.2080119	535916.3	1440250.229
SB-59	Waste Delineation Boring	-80.87364042	35.20799141	535906.5725	1440370.355
SB-60	Waste Delineation Boring	-80.87384674	35.20770168	535802.3116	1440306.746
SB-61	Waste Delineation Boring	-80.87454093	35.20763005	535780.1622	1440098.936
SB-62	Waste Delineation Boring	-80.87474042	35.2077944	535841.0883	1440040.486
SB-63	Waste Delineation Boring	-80.87490588	35.20794863	535898.1422	1439992.131
SB-64	Waste Delineation Boring	-80.87504622	35.2078376	535858.5356	1439949.457
SB-65	Waste Delineation Boring	-80.87523032	35.20766857	535798.0669	1439893.312
SB-66	Waste Delineation Boring	-80.87545944	35.20748581	535732.8578	1439823.629
SB-67	Waste Delineation Boring	-80.87569342	35.20729915	535666.255	1439752.466
SB-68	Waste Delineation Boring	-80.87539775	35.2070796	535584.6978	1439839.26
SB-69	Waste Delineation Boring	-80.87502468	35.20731624	535668.7007	1439952.305
SB-70	Waste Delineation Boring	-80.87484101	35.20748068	535727.5013	1440008.289
SB-71	Waste Delineation Boring	-80.87625503	35.20680038	535487.9351	1439581.308

Notes:

Site feature locations are reported in decimal degrees for Latitude/Longitude and in feet in the North Carolina State Plane Coordinate System (NAD83).



APPENDIX I
Coordinates of Selected Features
Waste Delineation Assessment Report
Southside Park Landfill NONCD0000807
Remount Road, Charlotte, Mecklenburg County, North Carolina
S&ME Project Number 215952 Task Order 807RI-17

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Site Feature	Type	Location			
		Latitude	Longitude	Northing	Easting
SB-72	Waste Delineation Boring	-80.87567879	35.2064781	535367.4095	1439751.191
SB-73	Waste Delineation Boring	-80.87538767	35.20655766	535394.7183	1439838.683
SB-74	Waste Delineation Boring	-80.87548296	35.20641095	535341.871	1439809.213
SB-75	Waste Delineation Boring	-80.87561084	35.20644803	535356.0834	1439771.278
SB-76	Waste Delineation Boring	-80.87573314	35.20656673	535399.9686	1439735.567
SB-77	Waste Delineation Boring	-80.87594302	35.20665447	535433.0794	1439673.488
SB-78	Waste Delineation Boring	-80.87606731	35.20692671	535532.8407	1439638.243
SB-79	Waste Delineation Boring	-80.87568357	35.20713787	535607.5136	1439754.298
SB-80	Waste Delineation Boring	-80.87550739	35.20692709	535529.8214	1439805.468
SB-81	Waste Delineation Boring	-80.87555537	35.20674988	535465.6078	1439789.919
SB-82	Waste Delineation Boring	-80.87582332	35.20688964	535517.975	1439710.856
SB-83	Waste Delineation Boring	-80.87426	35.20719151	535619.0003	1440179.822
SB-84	Waste Delineation Boring	-80.87312955	35.20648413	535355.2275	1440512.576
SB-85	Waste Delineation Boring	-80.87295307	35.20667161	535422.4505	1440566.571
SB-86	Waste Delineation Boring	-80.87276017	35.20683532	535480.9362	1440625.305
SB-87	Waste Delineation Boring	-80.8725156	35.20720264	535613.2195	1440700.868
SB-88	Waste Delineation Boring	-80.87219639	35.20717092	535599.8773	1440795.985
SB-89	Waste Delineation Boring	-80.87175802	35.20673836	535440.0102	1440923.936
SB-90	Waste Delineation Boring	-80.87149397	35.20683064	535472.0989	1441003.429
SB-91	Waste Delineation Boring	-80.87196497	35.20700596	535538.5491	1440863.966
SB-92	Waste Delineation Boring	-80.87250984	35.20662738	535403.8608	1440698.641
SB-93	Waste Delineation Boring	-80.87330607	35.20735849	535674.3826	1440465.861
SB-94	Waste Delineation Boring	-80.87344024	35.20714254	535596.5597	1440424.308
SB-95	Waste Delineation Boring	-80.87330216	35.20759416	535760.117	1440468.65
SB-96	Waste Delineation Boring	-80.87370483	35.20828938	536015.3611	1440353.167
SB-97	Waste Delineation Boring	-80.87348089	35.20814501	535961.567	1440419.055
SB-98	Waste Delineation Boring	-80.87370453	35.20730031	535655.4578	1440346.463
SB-99	Waste Delineation Boring	-80.87295314	35.20592751	535151.6914	1440561.44
SB-100	Waste Delineation Boring	-80.87270183	35.20594315	535155.9655	1440636.605
SB-101	Waste Delineation Boring	-80.87247539	35.20616947	535237.0411	1440705.786
SB-102	Waste Delineation Boring	-80.87225075	35.2063792	535312.0921	1440774.314
SB-103	Waste Delineation Boring	-80.87194866	35.2066883	535422.8665	1440866.658
SB-104	Waste Delineation Boring	-80.87189924	35.20689208	535496.7386	1440882.816
SB-105	Waste Delineation Boring	-80.87250456	35.20700694	535541.9456	1440702.822
SB-106	Waste Delineation Boring	-80.87292687	35.20706338	535564.8616	1440577.085
SB-107	Waste Delineation Boring	-80.87241983	35.2075758	535748.4627	1440732.032
SB-108	Waste Delineation Boring	-80.87233056	35.20738559	535678.7484	1440757.389
SB-109	Waste Delineation Boring	-80.87556491	35.2062273	535275.5079	1439783.476
SB-110	Waste Delineation Boring	-80.87582085	35.20634803	535320.8836	1439707.87
SB-111	Waste Delineation Boring	-80.87602644	35.20642959	535351.7187	1439647.029
SB-112	Waste Delineation Boring	-80.87622506	35.206522	535386.4673	1439588.345
SB-113	Waste Delineation Boring	-80.87639877	35.2065985	535415.2851	1439536.992
SB-114	Waste Delineation Boring	-80.87654445	35.20648877	535376.1805	1439492.728
SB-115	Waste Delineation Boring	-80.87633493	35.20636141	535328.6542	1439554.427
SB-116	Waste Delineation Boring	-80.87615176	35.20625437	535288.6703	1439608.395
SB-116-A	Waste Delineation Boring	-80.87616401	35.20621825	535275.5961	1439604.488
SB-116-B	Waste Delineation Boring	-80.87618238	35.20618816	535264.7479	1439598.797
SB-116-C	Waste Delineation Boring	-80.87619964	35.20616199	535255.3225	1439593.462
SB-117	Waste Delineation Boring	-80.87604034	35.20620391	535282.1617	1439617.989
SB-117-A	Waste Delineation Boring	-80.87604315	35.20617124	535257.8051	1439640.262
SB-117-B	Waste Delineation Boring	-80.87604652	35.20614184	535247.1277	1439639.053
SB-117-C	Waste Delineation Boring	-80.87605422	35.20610988	535235.5398	1439636.534
SB-118	Waste Delineation Boring	-80.87590428	35.2061421	535246.4191	1439681.535
SB-118A	Waste Delineation Boring	-80.87589881	35.20610507	535232.9475	1439682.937
SB-119	Waste Delineation Boring	-80.87498281	35.20818585	535219.7905	1439762.941
SB-120	Waste Delineation Boring	-80.8752614	35.20827041	535984.8979	1439970.786
SB-121	Waste Delineation Boring	-80.87508303	35.20809517	536017.2388	1439888.167
SB-122	Waste Delineation Boring	-80.87490244	35.20826715	535952.4649	1439940.232
SB-123	Waste Delineation Boring	-80.87479049	35.20836289	536014.0275	1439995.347
SB-124	Waste Delineation Boring	-80.87532642	35.20794042	536048.2341	1440029.439
SB-125	Waste Delineation Boring	-80.87545945	35.20775484	535897.5305	1439866.48
SB-126	Waste Delineation Boring	-80.87563716	35.20766048	535830.7518	1439825.476
SB-127	Waste Delineation Boring	-80.8754742	35.20821371	535797.4192	1439771.754
SB-128	Waste Delineation Boring	-80.87538035	35.20810224	535997.806	1439824.225
SB-129	Waste Delineation Boring	-80.87219356	35.20654108	535956.7155	1439851.487
SB-130	Waste Delineation Boring	-80.87582646	35.20781259	535853.8347	1439716.264
SB-131	Waste Delineation Boring	-80.87576954	35.20799888	535921.3007	1439734.544
SB-132	Waste Delineation Boring	-80.87574059	35.2076019	535776.6852	1439740.462
SB-133	Waste Delineation Boring	-80.87597123	35.20768285	535807.4428	1439672.137

Notes:

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Site Feature	Type	Location			
		Latitude	Longitude	Northing	Easting
SB-134	Waste Delineation Boring	-80.87610342	35.20754254	535757.1344	1439631.692
SB-135	Waste Delineation Boring	-80.87626935	35.20732431	535678.6598	1439580.635
SB-136	Waste Delineation Boring	-80.87611969	35.20719296	535630.0203	1439624.429
SB-137	Waste Delineation Boring	-80.87591622	35.20738135	535697.4246	1439686.493
SB-138	Waste Delineation Boring	-80.87624189	35.20705445	535580.3095	1439586.981
SB-139	Waste Delineation Boring	-80.87640689	35.20690637	535527.3595	1439536.684
SB-140	Waste Delineation Boring	-80.87657649	35.20675791	535474.2954	1439485.011
SB-141	Waste Delineation Boring	-80.87671555	35.20657514	535408.5718	1439442.224
SB-142	Waste Delineation Boring	-80.87450624	35.20862239	536141.0572	1440116.113
SB-143	Waste Delineation Boring	-80.87436074	35.20877548	536195.9413	1440160.62
SB-144	Waste Delineation Boring	-80.87441854	35.20882271	536213.4528	1440143.682
SB-145	Waste Delineation Boring	-80.8742315	35.2088556	536224.3685	1440199.768
SB-146	Waste Delineation Boring	-80.87420599	35.20888791	536235.9819	1440207.609
SB-147	Waste Delineation Boring	-80.87429656	35.20892439	536249.7669	1440180.811
SB-148	Waste Delineation Boring	-80.87413838	35.2089713	536265.9418	1440228.374
SB-149	Waste Delineation Boring	-80.87417792	35.20900257	536277.5428	1440216.778
SB-150	Waste Delineation Boring	-80.87244896	35.20632446	536288.7967	1440263.551
SB-151	Waste Delineation Boring	-80.87402207	35.20903591	536303.1244	1440248.196
SB-152	Waste Delineation Boring	-80.87407437	35.20907447	536280.2624	1439569.749
SB-153	Waste Delineation Boring	-80.87628058	35.20622927	535229.4637	1439620.473
SB-154	Waste Delineation Boring	-80.87610759	35.20609235	535178.3834	1439675.413
SB-155	Waste Delineation Boring	-80.87592047	35.20595487	535216.0664	1439689.083
SB-156	Waste Delineation Boring	-80.8758771	35.20605911	535174.4037	1439745.464
SB-159	Waste Delineation Boring	-80.87568575	35.20594758	535582.2039	1441159.359
SB-160	Waste Delineation Boring	-80.870979	35.20714119	535593.5437	1441146.325
SB-163	Waste Delineation Boring	-80.87242655	35.20629073	535747.4492	1440998.495
SB-161	Waste Delineation Boring	-80.87102334	35.20717167	535636.216	1441110.376
SB-162	Waste Delineation Boring	-80.87114636	35.20728704	535686.7618	1441052.054
SB-164	Waste Delineation Boring	-80.87134476	35.20742287	535768.1535	1441012.136
SB-165	Waste Delineation Boring	-80.87152787	35.20758682	535822.5875	1440935.41
SB-166	Waste Delineation Boring	-80.87148351	35.2076444	535882.9832	1440865.942
SB-167	Waste Delineation Boring	-80.87174377	35.20778997	535942.6013	1440820.839
SB-168	Waste Delineation Boring	-80.8719801	35.20795229	535994.184	1440752.149
SB-169	Waste Delineation Boring	-80.87213483	35.20811374	536028.3996	1440722.081
SB-170	Waste Delineation Boring	-80.87236801	35.20825188	536107.9768	1440657.797
SB-171	Waste Delineation Boring	-80.87247082	35.20834432	536189.6278	1440630.061
SB-172	Waste Delineation Boring	-80.87237563	35.20625315	536202.2494	1440521.144
SB-173	Waste Delineation Boring	-80.87269101	35.2085596	536257.4323	1440483.161
SB-175	Waste Delineation Boring	-80.87278901	35.20878248	536466.664	1440064.817
SB-176	Waste Delineation Boring	-80.87315438	35.2088115	535586.4734	1440032.617
SB-177	Waste Delineation Boring	-80.873285	35.20896113	535521.0489	1439966.055
SB-178	Waste Delineation Boring	-80.87464669	35.20726154	535469.2781	1439943.298
SB-179	Waste Delineation Boring	-80.87475066	35.20709451	535154.0342	1440530.504
SB-182	Waste Delineation Boring	-80.87496932	35.20691133	535377.9185	1441057.458
SB-183	Waste Delineation Boring	-80.87504222	35.20676792	535480.5897	1441045.386
SB-184	Waste Delineation Boring	-80.87305684	35.20593235	535455.0287	1441007.765
SB-185	Waste Delineation Boring	-80.87268841	35.20603924	535377.266	1441091.108
SB-186	Waste Delineation Boring	-80.87130719	35.2065747	535433.608	1441083.615
SB-187	Waste Delineation Boring	-80.87135407	35.20685613	535337.9796	1440963.799
SB-188	Waste Delineation Boring	-80.87147838	35.20678397	535292.1342	1440973.361
SB-189	Waste Delineation Boring	-80.87119451	35.20657465	535255.4297	1441042.833
SB-190	Waste Delineation Boring	-80.87122315	35.20672905	535374.5434	1441157.024
SB-191	Waste Delineation Boring	-80.87161816	35.20646013	535343.3235	1441066.458
SB-192	Waste Delineation Boring	-80.87158326	35.20633468	535345.2923	1441005.706
SB-193	Waste Delineation Boring	-80.87134841	35.20623745	535309.8536	1441027.645
T-1	Waste Delineation Trench	-80.87537205	35.20667217	535436.2962	1439844.135
T-2	Waste Delineation Trench	-80.87517574	35.20706446	535577.9347	1439905.459
T-3	Waste Delineation Trench	-80.87482824	35.2073848	535692.5386	1440011.444
T-4	Waste Delineation Trench	-80.8742095	35.207	535549.0302	1440193.588
T-5	Waste Delineation Trench	-80.87392057	35.2067282	535448.4974	1440278.012
T-6	Waste Delineation Trench	-80.87335411	35.20640825	535328.8799	1440444.991
T-7	Waste Delineation Trench	-80.87342254	35.20587395	535134.8478	1440420.884
T-8	Waste Delineation Trench	-80.87302525	35.20538004	534952.884	1440536.144
T-9	Waste Delineation Trench	-80.872685	35.20566427	535054.3931	1440639.717
T-10	Waste Delineation Trench	-80.87244477	35.20620049	535248.1563	1440715.142
T-11	Waste Delineation Trench	-80.87228226	35.2063472	535300.6252	1440764.684
T-12	Waste Delineation Trench	-80.87216583	35.2064736	535345.9663	1440800.326
T-13	Waste Delineation Trench	-80.87202471	35.20660183	535391.8314	1440843.353

Notes:

Site feature locations are reported in decimal degrees for Latitude/Longitude and in feet in the North Carolina State Plane Coordinate System (NAD83).

Appendix II – Boring Logs

Southside Park Waste Delineation

Boring ID: SB-116-A
Date: 7/10/2025
Total Depth: 7'
Drilling Method: Hand auger
Waste observed? Y / N
Logged by: ECP

0 ft-Bgs	
1	Glass bottle neck
2	Glass, porcelain, metal bracket
3	Glass, porcelain, metal, wire
4	Glass, porcelain, metal, wire
5	Glass, metal, wire
6	Glass, metal, wire, brick fragments
7	Refusal > potentially a rock
8	
9	
10	
11	
12	
13	
14	
15	

Notes:

Boring ID: SB-116-B
Date: 7/10/2025
Total Depth: 4'
Drilling Method: Hand auger
Waste observed? Y / N
Logged by: ECP

0 ft-Bgs	
1	Brick fragments, old film
2	Glass, brick fragments, porcelain
3	Metal wire, glass, brick fragments
4	Refusal > large object
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	

Notes:

Southside Park Waste Delineation

Boring ID: SB-116-C
Date: 7/10/2025
Total Depth: 5'
Drilling Method: Hand auger
Waste observed? Y / N
Logged by: ECP

0 ft-Bgs	
1	Red/brown silty sands, moist
2	Red/brown silty sands
3	Red/brown silty sands
4	Red/brown silty sands
5	Light hard-pack fines/silts
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	

Notes: Hard pack is native soil, no waste
 has been identified within hard pack

Southside Park Waste Delineation

Boring ID: SB-117-A
Date: 7/9/2025
Total Depth: 6'
Drilling Method: Hand auger
Waste observed? Y / N
Logged by: ECP

0 ft-Bgs	
1	
2	Glass fragments
3	Glass, metal sheet
4	Glass, slag, scrap metal
5	Glass, scrap metal, ceramic
6	red brown silty sand
7	
8	
9	
10	
11	
12	
13	
14	
15	

Notes: 1-5 ft-bgs is dark silty sand with waste
6 ft-bgs: significant change in soil

Boring ID: SB-117-B
Date: 7/9/2025
Total Depth: 6'
Drilling Method: Hand auger
Waste observed? Y / N
Logged by: ECP

0 ft-Bgs	
1	
2	Glass, metal, ceramic
3	Glass, ceramic, bottle cap
4	Glass, metal, ceramic
5	Glass, metal, ceramic, rubber
6	red brown silty sand
7	
8	
9	
10	
11	
12	
13	
14	
15	

Notes: 1-5 ft-bgs is dark silty sand with waste
6 ft-bgs: significant change in soil

Southside Park Waste Delineation

Boring ID: SB-117-C
Date: 7/9/2025
Total Depth: 6'
Drilling Method: Hand auger
Waste observed? Y / N
Logged by: ECP

0 ft-Bgs	
1	Shard of glass and metal
2	Red/orange silty sand soil
3	Red/orange silty sand soil
4	Red/orange silty sand soil
5	Red/orange silty sand soil
6	Red/orange silty sand soil
7	
8	
9	
10	
11	
12	
13	
14	
15	

Notes: Top waste is sparse and in good condition; likely not deposit

Boring ID: SB-118-A
Date: 7/9/2025
Total Depth: 3'
Drilling Method: Hand auger
Waste observed? Y / N
Logged by: ECP

0 ft-Bgs	Small concrete chunk
1	
2	Light hard-pack fines/silts
3	Auger refusal in hard pack
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	

Notes: Hard pack is native soil, no waste has been identified within hard pack

Southside Park Waste Delineation

Boring ID: Trench-1
4/28/2025
Total Depth: 7'
Drilling Method: Mini Excavator
Waste observed? Yes
Logged by: ECP

0 ft-Bgs	
1	Dark brown silty sand
2	Brick, plastic, former asphalt, glass
3	Brown silty sand
4	
5	
6	
7	Trench terminated
8	
9	
10	
11	
12	
13	
14	
15	

Notes: Trench length: 50'

Boring ID: Trench-2
4/28/2025
Total Depth: 7'
Drilling Method: Mini Excavator
Waste observed? Yes
Logged by: ECP

0 ft-Bgs	
1	
2	
3	
4	glass, brick, wire, rubber, household waste, old tires
5	
6	
7	
8	Trench terminated
9	
10	
11	
12	
13	
14	
15	

Notes: Trench length: 25'

Southside Park Waste Delineation

Boring ID: Trench-3
4/28/2025
Total Depth: 7'
Drilling Method: Mini Excavator
Waste observed? Yes
Logged by: ECP

0 ft-Bgs	
1	
2	
3	asphalt, dark ash, glass, cloth, sheet metal, wire,
4	
5	
6	Trench terminated
7	
8	
9	
10	
11	
12	
13	
14	
15	

Notes: Trench length: 20'

Boring ID: Trench-4
4/28/2025
Total Depth: 5'
Drilling Method: Mini Excavator
Waste observed? Yes
Logged by: ECP

0 ft-Bgs	
1	
2	brick, glass, plastic, sheet metal, household waste
3	
4	Dark gray soils
5	Trench terminated
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	

Notes: Trench runs into the stream bed, waste goes up to the stream. Trench length: 23'

Southside Park Waste Delineation

Boring ID: Trench-5
4/28/2025
Total Depth: 5'
Drilling Method: Mini Excavator
Waste observed? Yes
Logged by: ECP

0 ft-Bgs	
1	Dark gray soil
2	
3	bricks cloth, rubber, metal
4	metal slag, glass bottles/fragments
5	Trench terminated
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	

Notes: Trench length: 27'

Boring ID: Trench-6
4/29/2025
Total Depth: 8'
Drilling Method: Mini Excavator
Waste observed? Yes
Logged by: ECP

0 ft-Bgs	
1	
2	
3	
4	metal, car bumpers, shoe soles, calendar dated 1952, engine pistons
5	
6	
7	
8	Trench terminated
9	
10	
11	
12	
13	
14	
15	

Notes: Trench length: 20'

Southside Park Waste Delineation

Boring ID: Trench-7
4/29/2025
Total Depth: 7'
Drilling Method: Mini Excavator
Waste observed? Yes
Logged by: ECP

0 ft-Bgs	
1	
2	tire liners, glass bottles, plastic
3	tarps, scrap metal, ceramic, rebar
4	
5	bedrock- refusal near stream
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	

Notes: Trench length: 35'

Boring ID: Trench-8
4/29/2025
Total Depth: 7'
Drilling Method: Mini Excavator
Waste observed? Yes
Logged by: ECP

0 ft-Bgs	
1	
2	
3	
4	light tan silty sand - no waste
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	

Notes: Total length: 48' but in three segments (20', 12', 16')

Southside Park Waste Delineation

Boring ID: Trench-9
4/29/2025
Total Depth: 8'
Drilling Method: Mini Excavator
Waste observed? Yes
Logged by: ECP

0 ft-Bgs	
1	minor waste (glass, plastic, a brick)
2	
3	
4	
5	tan silty sand
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	

Notes: Hard pack is native soil, no waste
has been identified within hard pack

Boring ID: Trench-10
4/30/2025
Total Depth: 7'
Drilling Method: Mini Excavator
Waste observed? Yes
Logged by: ECP

0 ft-Bgs	
1	orange tan silty sand
2	
3	Some saprolite and regolith
4	
5	
6	
7	Dioritic bedrock refusal
8	
9	
10	
11	
12	
13	
14	
15	

Notes: Trench length: 13' no waste

Southside Park Waste Delineation

Boring ID: Trench-11
4/30/2025
Total Depth: 9'
Drilling Method: Mini Excavator
Waste observed? Yes
Logged by: ECP

0 ft-Bgs	
1	orange silty sand
2	
3	
4	
5	
6	
7	
8	
9	Bedrock refusal
10	
11	
12	
13	
14	
15	

Notes: Trench length: 13'
no waste

Boring ID: Trench-12
4/30/2025
Total Depth: 7'
Drilling Method: Mini Excavator
Waste observed? Yes
Logged by: ECP

0 ft-Bgs	
1	orange silty sand
2	
3	
4	
5	
6	Bedrock refusal
7	
8	
9	
10	
11	
12	
13	
14	
15	

Notes: Trench length: 22'
no waste

Southside Park Waste Delineation

Boring ID: Trench-13
4/28/2025
Total Depth: 5'
Drilling Method: Mini Excavator
Waste observed? Yes
Logged by: ECP

0 ft-Bgs
1 orange silty sand
2
3
4
5 bedrock refusal
6
7
8
9
10
11
12
13
14
15

Notes: Hard pack is native soil, no waste
has been identified within hard pack

Southside Park Waste Delineation

Boring ID: SB-142
Date: 5/12/25
Total Depth: 5'
Drilling Method: 4.25" Diameter Auger
Waste observed? Y / N
Logged by: ECP

0 ft-Bgs
1
2
3
4
5 Refusal
6
7
8
9
10
11
12
13
14
15

Notes: Stopped boring early due to the sever main concerns

Boring ID: SB-141
Date: 5/12/25
Total Depth: 1'
Drilling Method: 4.25" Diameter Auger
Waste observed? Y / N
Logged by: ECP

0 ft-Bgs
1 Refusal
2
3
4
5
6
7
8
9
10
11
12
13
14
15

Notes:

Southside Park Waste Delineation

Boring ID: SB-142
Date: 5/12/25
Total Depth: 5'
Drilling Method: 4.25" Diameter Auger
Waste observed? Y / N
Logged by: ECP

0 ft-Bgs	
1	
2	
3	
4	
5	Refusal
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	

Notes: Stopped boring early due to the sever main concerns

Boring ID: SB-143
Date: 5/12/25
Total Depth: 1'
Drilling Method: 4.25" Diameter Auger
Waste observed? Y / N
Logged by: ECP

0 ft-Bgs	
1	Refusal
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	

Notes:

Southside Park Waste Delineation

Boring ID: SB-144
Date: 5/12/25
Total Depth: 15'
Drilling Method: 4.25" Diameter Auger
Waste observed? Y / N
Logged by: ECP

0 ft-Bgs
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15

Notes: No waste observed

Boring ID: SB-145
Date: 5/12/25
Total Depth: 2'
Drilling Method: 4.25" Diameter Auger
Waste observed? Y / N
Logged by: ECP

0 ft-Bgs
1
2 Refusal
3
4
5
6
7
8
9
10
11
12
13
14
15

Notes: Hit rock refusal

Southside Park Waste Delineation

Boring ID: SB-146
Date: 5/16/25
Total Depth: 2'
Drilling Method: 4.25" Diameter Auger
Waste observed? Y / N
Logged by: ECP

0 ft-Bgs
1
2 Refusal
3
4
5
6
7
8
9
10
11
12
13
14
15

Notes: Hit rock as same depth as SB-145

Boring ID: SB-147
Date: 5/16/25
Total Depth: 1'
Drilling Method: 4.25" Diameter Auger
Waste observed? Y / N
Logged by: ECP

0 ft-Bgs
1 Refusal
2
3
4
5
6
7
8
9
10
11
12
13
14
15

Notes: Hard rock again at shallow depth

Southside Park Waste Delineation

Boring ID: SB-148
Date: 5/12/25
Total Depth: 15'
Drilling Method: 4.25" Diameter Auger
Waste observed? Y / N
Logged by: ECP

0 ft-Bgs	
1	Fine tan native soil
2	Fine tan native soil
3	Fine tan native soil
4	Fine tan native soil
5	Fine tan native soil
6	Fine tan native soil
7	Fine tan native soil
8	Fine tan native soil
9	Meral, nail, glass fragments
10	Fine tan native soil
11	Fine tan native soil
12	Fine tan native soil
13	Ceramic tiles
14	Glass
15	Fine tan native soil

Notes: not confirmed this is deposit
we will offset

Boring ID: SB-149
Date: 5/12/25
Total Depth: 20'
Drilling Method: 4.25" Diameter Auger
Waste observed? Y / N
Logged by: ECP

0 ft-Bgs	
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	one shrad if ceramic, scrap metal

Notes: Minor waste not indicative of
landfill deposit

Southside Park Waste Delineation

Boring ID: SB-150
Date: 5/12/25
Total Depth: 5'
Drilling Method: 4.25" Diameter Auger
Waste observed? Y / N
Logged by: ECP

0 ft-Bgs	
1	Refusal
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	

Notes: Refusal off of ceramic

Boring ID: SB-151
Date: 5/12/25
Total Depth: 1'
Drilling Method: 4.25" Diameter Auger
Waste observed? Y / N
Logged by: ECP

0 ft-Bgs	
1	Red brown silty soil
2	Red brown silty soil
3	Red brown silty soil
4	Red brown silty soil
5	Red brown silty soil
6	Red brown silty soil
7	Red brown silty soil
8	Red brown silty soil
9	Red brown silty soil
10	Red brown silty soil
11	Red brown silty soil
12	Red brown silty soil
13	Red brown silty soil
14	Red brown silty soil
15	Red brown silty soil

Notes: No waste observed

Southside Park Waste Delineation

Boring ID: SB-152
Date: 5/13/25
Total Depth: 15'
Drilling Method: 4.25" Diameter Auger
Waste observed? Y / N
Logged by: ECP

0 ft-Bgs	
1	Red silty sand
2	Red silty sand
3	Red silty sand
4	Red silty sand
5	Red silty sand
6	Red silty sand
7	Red silty sand
8	Red silty sand
9	Red silty sand
10	Red silty sand
11	Red silty sand
12	Red silty sand
13	Red silty sand
14	Red silty sand
15	Red silty sand

Notes:

Boring ID: SB-153
Date: 5/13/25
Total Depth: 15'
Drilling Method: 4.25" Diameter Auger
Waste observed? Y / N
Logged by: ECP

0 ft-Bgs	
1	Tan fines- native soil
2	Tan fines- native soil
3	Tan fines- native soil
4	Tan fines- native soil
5	Tan fines- native soil
6	Tan fines- native soil
7	Tan fines- native soil
8	Tan fines- native soil
9	Tan fines- native soil
10	Tan fines- native soil
11	Tan fines- native soil
12	Tan fines- native soil
13	Tan fines- native soil
14	Tan fines- native soil
15	Tan fines- native soil

Notes:

Southside Park Waste Delineation

Boring ID: SB-154
Date: 5/13/25
Total Depth: 6'
Drilling Method: 4.25" Diameter Auger
Waste observed? Y / N
Logged by: ECP

0 ft-Bgs
1
2
3
4
5
6 Refusal
7
8
9
10
11
12
13
14
15

Notes: shallow refusal
Heavy object encountered

Boring ID: SB-155
Date: 5/13/25
Total Depth: 15'
Drilling Method: 4.25" Diameter Auger
Waste observed? Y / N
Logged by: ECP

0 ft-Bgs
1 Native tan soil
2 Native tan soil
3 Native tan soil
4 Native tan soil
5 Native tan soil
6 Native tan soil
7 Native tan soil
8 Native tan soil
9 Native tan soil
10 Native tan soil
11 Native tan soil
12 Native tan soil
13 Native tan soil
14 Native tan soil
15 Native tan soil

Notes: Native soil, "hard" per drillers
description

Southside Park Waste Delineation

Boring ID: SB-156
Date: 5/13/25
Total Depth: 15'
Drilling Method: 4.25" Diameter Auger
Waste observed? Y / N
Logged by: ECP

0 ft-Bgs	
1	Tan fine native soil
2	Tan fine native soil
3	Tan fine native soil
4	Tan fine native soil
5	Tan fine native soil
6	Tan fine native soil
7	Tan fine native soil
8	Tan fine native soil
9	Tan fine native soil
10	Tan fine native soil
11	Tan fine native soil
12	Tan fine native soil
13	Tan fine native soil
14	Tan fine native soil
15	Tan fine native soil

Notes:

Boring ID: SB-157
Date: 5/14/25
Total Depth: 14'
Drilling Method: 4.25" Diameter Auger
Waste observed? Y / N
Logged by: ECP

0 ft-Bgs	
1	Brown silty soil
2	Brown silty soil
3	Brown silty soil
4	Brown silty soil
5	Brown silty soil
6	Brown silty soil
7	Brown silty soil
8	Brown silty soil
9	Brown silty soil
10	Brown silty soil
11	Brown silty soil
12	Brown silty soil
13	Brown silty soil
14	Refusal
15	

Notes:

Southside Park Waste Delineation

Boring ID: SB-158
Date: 5/14/25
Total Depth: 15'
Drilling Method: 4.25" Diameter Auger
Waste observed? Y / N
Logged by: ECP

0 ft-Bgs	
1	Hard tan silts
2	Hard tan silts
3	Hard tan silts
4	Hard tan silts
5	Hard tan silts
6	Hard tan silts
7	Hard tan silts
8	Hard tan silts
9	Hard tan silts
10	Hard tan silts
11	Hard tan silts
12	Hard tan silts
13	Hard tan silts
14	Hard tan silts
15	Hard tan silts

Notes: Hard tan silts

Boring ID: SB-159
Date: 5/14/25
Total Depth: 8'
Drilling Method: 4.25" Diameter Auger
Waste observed? Y / N
Logged by: ECP

0 ft-Bgs	
1	
2	
3	
4	
5	
6	
7	
8	Rock refusal
9	
10	
11	
12	
13	
14	
15	

Notes: Offsetting

Southside Park Waste Delineation

Boring ID: SB-160
Date: 5/14/25
Total Depth: 8'
Drilling Method: 4.25" Diameter Auger
Waste observed? Y / N
Logged by: ECP

0 ft-Bgs	
1	
2	
3	
4	
5	
6	
7	
8	Rock refusal
9	
10	
11	
12	
13	
14	
15	

Notes: Rock chips at 8'

Boring ID: SB-161
Date: 5/14/25
Total Depth: 15'
Drilling Method: 4.25" Diameter Auger
Waste observed? Y / N
Logged by: ECP

0 ft-Bgs	
1	Native tan silt
2	Native tan silt
3	Native tan silt
4	Native tan silt
5	Native tan silt
6	Native tan silt
7	Native tan silt
8	Native tan silt
9	Native tan silt
10	Native tan silt
11	Native tan silt
12	Native tan silt
13	Native tan silt
14	Native tan silt
15	Native tan silt

Notes:

Southside Park Waste Delineation

Boring ID: SB-162
Date: 5/14/25
Total Depth: 15'
Drilling Method: 4.25" Diameter Auger
Waste observed? Y / N
Logged by: ECP

0 ft-Bgs	
1	Tan brown native soil
2	Tan brown native soil
3	Tan brown native soil
4	Tan brown native soil
5	Tan brown native soil
6	Tan brown native soil
7	Tan brown native soil
8	Tan brown native soil
9	Tan brown native soil
10	Tan brown native soil
11	Tan brown native soil
12	Tan brown native soil
13	Tan brown native soil
14	Tan brown native soil
15	Tan brown native soil

Notes: Tan brown native soil

Boring ID: SB-163
Date: 5/14/25
Total Depth: 5'
Drilling Method: 4.25" Diameter Auger
Waste observed? Y / N
Logged by: ECP

0 ft-Bgs	
1	
2	
3	
4	
5	Refusal
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	

Notes: Offsetting

Southside Park Waste Delineation

Boring ID: SB-164
Date: 5/14/25
Total Depth: 15'
Drilling Method: 4.25" Diameter Auger
Waste observed? Y / N
Logged by:ECP

0 ft-Bgs	
1	Silty sand brown
2	Silty sand brown
3	Silty sand brown
4	Silty sand brown
5	Silty sand brown
6	Silty sand brown
7	Silty sand brown
8	Silty sand brown
9	Silty sand brown
10	Grey saturated soil
11	Grey saturated soil
12	Grey saturated soil
13	Grey saturated soil
14	Grey saturated soil
15	Grey saturated soil

Notes:

Boring ID: SB-165
Date: 5/14/25
Total Depth: 15'
Drilling Method: 4.25" Diameter Auger
Waste observed? Y / N
Logged by: ECP

0 ft-Bgs	
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	Grey saturated soil
11	Grey saturated soil
12	Grey saturated soil
13	Grey saturated soil
14	Grey saturated soil
15	Grey saturated soil

Notes:

Southside Park Waste Delineation

Boring ID: SB-166
Date: 5/14/25
Total Depth: 15'
Drilling Method: 4.25" Diameter Auger
Waste observed? Y / N
Logged by: ECP

0 ft-Bgs	
1	Red brown silty sand
2	Red brown silty sand
3	Red brown silty sand
4	Red brown silty sand
5	Red brown silty sand
6	Red brown silty sand
7	Red brown silty sand
8	Red brown silty sand
9	Red brown silty sand
10	Red brown silty sand
11	Red brown silty sand
12	Red brown silty sand
13	Red brown silty sand
14	Red brown silty sand
15	Red brown silty sand

Notes:

Boring ID: SB-167
Date: 5/15/25
Total Depth: 15'
Drilling Method: 4.25" Diameter Auger
Waste observed? Y / N
Logged by: ECP

0 ft-Bgs	
1	Moist sandy silt
2	Moist sandy silt
3	Moist sandy silt
4	Moist sandy silt
5	Moist sandy silt
6	Moist sandy silt
7	Moist sandy silt
8	Moist sandy silt
9	Moist sandy silt
10	Tan fine silts
11	Tan fine silts
12	Tan fine silts
13	Tan fine silts
14	Tan fine silts
15	Tan fine silts

Notes:

Southside Park Waste Delineation

Boring ID: SB-168
Date: 5/15/25
Total Depth: 14'
Drilling Method: 4.25" Diameter Auger
Waste observed? Y / N
Logged by: ECP

0 ft-Bgs	
1	Native tan silt
2	Native tan silt
3	Native tan silt
4	Native tan silt
5	Native tan silt
6	Native tan silt
7	Native tan silt
8	Native tan silt
9	Native tan silt
10	Native tan silt
11	Native tan silt
12	Native tan silt
13	Native tan silt
14	Bedrock refusal
15	

Notes:

Boring ID: SB-169
Date: 5/15/25
Total Depth: 15'
Drilling Method: 4.25" Diameter Auger
Waste observed? Y / N
Logged by: ECP

0 ft-Bgs	
1	Tan silty/native soil
2	Tan silty/native soil
3	Tan silty/native soil
4	Tan silty/native soil
5	Tan silty/native soil
6	Tan silty/native soil
7	Tan silty/native soil
8	Tan silty/native soil
9	Tan silty/native soil
10	Tan silty/native soil
11	Tan silty/native soil
12	Tan silty/native soil
13	Tan silty/native soil
14	Tan silty/native soil
15	Tan silty/native soil

Notes:

Southside Park Waste Delineation

Boring ID: SB-170
Date: 5/15/25
Total Depth: 15'
Drilling Method: 4.25" Diameter Auger
Waste observed? Y / N
Logged by: BQ

0 ft-Bgs	
1	Tan brown silty soil
2	Tan brown silty soil
3	Tan brown silty soil
4	Tan brown silty soil
5	Tan brown silty soil
6	Tan brown silty soil
7	Tan brown silty soil
8	Tan brown silty soil
9	Tan brown silty soil
10	Tan brown silty soil
11	Tan brown silty soil
12	Tan brown silty soil
13	Tan brown silty soil
14	Tan brown silty soil
15	Tan brown silty soil

Notes:

Boring ID: SB-171
Date: 5/15/25
Total Depth: 15'
Drilling Method: 4.25" Diameter Auger
Waste observed? Y / N
Logged by: BQ

0 ft-Bgs	
1	Brown native silty soil
2	Brown native silty soil
3	Brown native silty soil
4	Brown native silty soil
5	Brown native silty soil
6	Brown native silty soil
7	Brown native silty soil
8	Brown native silty soil
9	Brown native silty soil
10	Brown native silty soil
11	Brown native silty soil
12	Brown native silty soil
13	Brown native silty soil
14	Brown native silty soil
15	Brown native silty soil

Notes:

Southside Park Waste Delineation

Boring ID: SB-172
Date: 5/15/25
Total Depth: 12'
Drilling Method: 4.25" Diameter Auger
Waste observed? Y / N
Logged by: ECP

0 ft-Bgs	
1	Native tan fine sandy silty
2	Native tan fine sandy silty
3	Native tan fine sandy silty
4	Native tan fine sandy silty
5	Native tan fine sandy silty
6	Native tan fine sandy silty
7	Native tan fine sandy silty
8	Native tan fine sandy silty
9	Native tan fine sandy silty
10	Native tan fine sandy silty
11	Native tan fine sandy silty
12	Rock redusal
13	
14	
15	

Notes:

Boring ID: SB-173
Date: 5/15/25
Total Depth: 15'
Drilling Method: 4.25" Diameter Auger
Waste observed? Y / N
Logged by: BQ

0 ft-Bgs	
1	Brown silty soil
2	Brown silty soil
3	Brown silty soil
4	Brown silty soil
5	Brown silty soil
6	Brown silty soil
7	Brown silty soil
8	Brown silty soil
9	Brown silty soil
10	Brown silty soil
11	Brown silty soil
12	Brown silty soil
13	Brown silty soil
14	Brown silty soil
15	Brown silty soil

Notes:

Southside Park Waste Delineation

Boring ID: SB-174
Date: 5/27/25
Total Depth: 5'
Drilling Method: Hand auger/power auger
Waste observed? Y / N
Logged by: BQ

0 ft-Bgs	
1	Brown silty soil
2	Brown silty soil
3	Brown silty soil
4	Brown silty soil
5	Refusal
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	

Notes: encountered refusals at 3 offset borings

Boring ID: SB-175
Date: 5/27/25
Total Depth: 5'
Drilling Method: Hand auger/power auger
Waste observed? Y / N
Logged by: BQ

0 ft-Bgs	
1	Brown tan clayey soil
2	broken glass/ ceramic
3	broken glass/ ceramic
4	broken glass
5	Refusal
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	

Notes: encountered refusals
at 3 offset borings

Southside Park Waste Delineation

Boring ID: SB-176
Date: 5/27/25
Total Depth: 4'
Drilling Method: Hand auger/power auger
Waste observed? Y / N
Logged by: BQ

0 ft-Bgs	
1	Broken glass, ceramic , rubber
2	Broken glass, ceramic , rubber
3	Broken glass, ceramic , rubber
4	Refusal
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	

Notes: encountered refusal at two borings at 2'
at each boring

Boring ID: SB-177
Date: 5/27/25
Total Depth: 8'
Drilling Method: Hand auger/power auger
Waste observed? Y / N
Logged by: BQ

0 ft-Bgs	
1	Broken glass/cereamic
2	Broken glass/cereamic
3	Broken glass/cereamic
4	Broken glass/cereamic
5	Broken glass/cereamic
6	Broken glass/cereamic
7	Broken glass/cereamic
8	Refusal
9	
10	
11	
12	
13	
14	
15	

Notes: brown silty soil

Southside Park Waste Delineation

Boring ID: SB-178
Date: 5/27/25
Total Depth: 4'
Drilling Method: Hand auger/power auger
Waste observed? Y / N
Logged by: BQ

0 ft-Bgs	
1	Broken glass, pottery
2	Broken glass, pottery
3	Broken glass, pottery
4	Broken glass, pottery
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	

Notes: Brown silty soil

Boring ID: SB-179
Date: 5/28/25
Total Depth: 9'
Drilling Method: Hand auger/power auger
Waste observed? Y / N
Logged by: BQ

0 ft-Bgs	
1	Red native soil
2	Red native soil
3	Red native soil
4	Red native soil
5	Broken glass, textile, toy car
6	newspaper, broken glass, ash
7	newspaper, broken glass, ash
8	newspaper, broken glass, ash
9	Refusal
10	
11	
12	
13	
14	
15	

Notes: brown silty soil

Southside Park Waste Delineation

Boring ID: SB-180
Date: 5/28/25
Total Depth: 4'
Drilling Method: Hand auger/power auger
Waste observed? Y / N
Logged by: BQ

0 ft-Bgs	
1	brown silty soil
2	brown silty soil
3	cloth, metal
4	broken glass
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	

Notes:

Boring ID: SB-181
Date: 5/28/25
Total Depth: 6'
Drilling Method: Hand auger/power auger
Waste observed? Y / N
Logged by: BQ

0 ft-Bgs	
1	Red clayey soil
2	Red clayey soil
3	Red clayey soil
4	Red clayey soil
5	Red clayey soil
6	Bedrock refusal
7	
8	
9	
10	
11	
12	
13	
14	
15	

Notes:

Southside Park Waste Delineation

Boring ID: SB-182
Date: 5/28/25
Total Depth: 4'
Drilling Method: Hand auger/power auger
Waste observed? Y / N
Logged by: BQ

0 ft-Bgs	
1	Light brown native soil
2	Light brown native soil
3	Light brown native soil
4	Refusal
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	

Notes:

Boring ID: SB-183
Date: 5/28/25
Total Depth: 3'
Drilling Method: Hand auger/power auger
Waste observed? Y / N
Logged by: BQ

0 ft-Bgs	
1	Red native soil
2	Red native soil
3	Refusal
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	

Notes: Encountered two refusals at different borings

Southside Park Waste Delineation

Boring ID: SB-184
Date: 5/28/25
Total Depth: 2'
Drilling Method: Hand auger/power auger
Waste observed? Y / N
Logged by: BQ

0 ft-Bgs	
1	Dark brown silty soil
2	Refusal
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	

Notes: encountered refusals at two different borings

Boring ID: SB-185
Date: 5/28/25
Total Depth: 3'
Drilling Method: Hand auger/power auger
Waste observed? Y / N
Logged by: BQ

0 ft-Bgs	
1	Red silty soil
2	Red silty soil
3	Refusal
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	

Notes:

Southside Park Waste Delineation

Boring ID: SB-186
Date: 5/28/25
Total Depth: 3'
Drilling Method: Hand auger/power auger
Waste observed? Y / N
Logged by: BQ

0 ft-Bgs	
1	Dark brown silty soil
2	Refusal
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	

Notes:

Boring ID: SB-187
Date: 5/29/25
Total Depth: 9'
Drilling Method: Hand auger/power auger
Waste observed? Y / N
Logged by: BQ

0 ft-Bgs	
1	Brown silty top soil
2	Brown silty top soil
3	Light brown silty native soil
4	Light brown silty native soil
5	Light brown silty native soil
6	Light brown silty native soil
7	Light brown silty native soil
8	Light brown silty native soil
9	Light brown silty native soil
10	
11	
12	
13	
14	
15	

Notes:

Southside Park Waste Delineation

Boring ID: SB-188
Date: 5/29/25
Total Depth: 5'
Drilling Method: Hand auger/power auger
Waste observed? Y / N
Logged by: BQ

0 ft-Bgs	
1	Light brown silty soil
2	Light brown silty soil
3	Light brown silty soil
4	Light brown silty soil
5	Refusal
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	

Notes:

Boring ID: SB-189
Date: 5/29/25
Total Depth: 5'
Drilling Method: Hand auger/power auger
Waste observed? Y / N
Logged by: BQ

0 ft-Bgs	
1	light brown silty soil
2	light brown silty soil
3	light brown silty soil
4	light brown silty soil
5	light brown silty soil
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	

Notes: Encountered refusal at two different offsets

Southside Park Waste Delineation

Boring ID: SB-190
Date: 5/29/25
Total Depth: 5'
Drilling Method: Hand auger/power auger
Waste observed? Y / N
Logged by: BQ

0 ft-Bgs	
1	Steele plate
2	Styrofoam
3	Red silty soil
4	Red silty soil
5	Bedrock refusal
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	

Notes: Waste present only in upper soil, condition is fair likely not landfill deposit

Boring ID: SB-191
Date: 5/29/25
Total Depth: 5'
Drilling Method: Hand auger/power auger
Waste observed? Y / N
Logged by: BQ

0 ft-Bgs	
1	
2	
3	
4	
5	Saprolite- refusal
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	

Notes: Red silts/sands saprolite encountered at refusal

Southside Park Waste Delineation

Boring ID: SB-192
Date: 5/29/25
Total Depth: 3'
Drilling Method: Hand auger/power auger
Waste observed? Y / N
Logged by: BQ

0 ft-Bgs	
1	Borken glass, bricks
2	Plastic ring, slag,
3	Excessive rocks/gravels
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	

Notes: Stranger liner structure landfill capping?
Gravel

Boring ID: SB-193
Date: 5/29/25
Total Depth: 3'
Drilling Method: Hand auger/power auger
Waste observed? Y / N
Logged by: BQ

0 ft-Bgs	
1	
2	
3	Heavy gravel
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	

Notes: Similar to SB-142

Appendix III – Photographic Log

Remedial Investigation-Waste Delineation Report**Southside Park Landfill**

NCDEQ ID No. NONCD0000807

S&ME Project No. 215952

NCDEQ Task Order 807RI-17



			4/28/25	Photographer: Chase Porter
1	Location / Orientation	T-2		
	Remarks	Example of waste in trench, which included glass, tires, plastic, wires, and concrete.		
			4/28/25	Photographer: Chase Porter
2	Location / Orientation	T-3		
	Remarks	Waste at a depth of 4 to 6 feet, observed as the black layer at the bottom of the trench.		



			4/29/25	Photographer: Chase Porter
3	Location / Orientation	T-6		
	Remarks	Waste at depth of 3 feet throughout the trench near the creek bed, example of waste shown in the right photo.		
			3/18/2024	Photographer: Chase Porter
4	Location / Orientation	TP-7		
	Remarks	Trench filled with waste. Waste is shown in the photo on the right.		



 A photograph showing two workers in safety gear (hard hats, high-visibility vests) operating a drilling rig. One worker is kneeling while the other stands, both focused on the equipment. The rig is positioned on a grassy area next to a paved road.			5/12/25	Photographer: Chase Porter
5	Location / Orientation	SB-161		
	Remarks	Orange silty sand at boring across Remount Road which contained no waste.		
 A photograph showing two workers in safety gear operating a drilling rig. The rig is on a grassy field with residential houses in the background. A long section of drill pipe lies on the grass nearby.			3/18/2024	Photographer: Chase Porter
6	Location / Orientation	SB-170		
	Remarks	Orange silty sand at boring across Remount Road which contained no waste near residential buildings.		



 A close-up photograph of a soil boring rig's auger bit, which is a series of stacked metal discs, positioned vertically in the ground. The ground is a mix of dark soil and some green grass. A person's boot is partially visible on the left.			3/18/2024	Photographer: Chase Porter
7	Location / Orientation	SB-158		
	Remarks	Soil boring contains no waste with hard tan native silty sand.		
 A photograph showing a person in a bright yellow shirt and brown pants standing on a grassy area. The grass is patchy, with some areas appearing dry or yellowed. A paved road is visible on the left, and trees are in the background under a blue sky with clouds.			5/29/25	Photographer: Chase Porter
8	Location / Orientation	Clean Up		
	Remarks	SAEDACCO crew cleaning up and repairing track ruts from rig and excavator.		