



Remedial Investigation
Waste Delineation Assessment Report
Northgate Park – City of Durham, NONCD0000825
Durham, Durham County, North Carolina
Task Orders 825RI-5 and 821RI-9
S&ME Project No. 23050630

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
March 24, 2025**



March 24, 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: Mr. Kevin Kelt via email: kevin.kelt.deq.nc.gov
Hydrogeologist

Reference: **Remedial Investigation- Waste Delineation Assessment Report**
Northgate Park – City of Durham
300 W. Club Blvd & 404 W. Lavender Ave, Durham, Durham County, North Carolina
NCDEQ ID No. NONCD0000825
NCDEQ Task Orders 825RI-5 and 821RI-9
S&ME Project No. 23050630

Dear Mr. Kelt:

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 Durham, North Carolina. S&ME completed this investigation in general conformance with S&ME Proposals No. 23050630AO, dated August 19, 2024, for Task Order 825RI-5 and No. 23050630AS, dated January 6, 2025, for Task Order 821RI-9 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, reading 'Emily Hermann'.

Emily Hermann
Environmental Staff Geologist
emilyhermann@smeinc.com

A handwritten signature in blue ink, reading 'Gerald Paul'.

Gerald Paul
Senior Project Manager
jpaul@smeinc.com

Senior Reviewed by: Thomas P. Raymond, P.E. - Senior Engineer

Attachment: Remedial Investigation – Waste Delineation Assessment Report



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1.0 Summary of Current Investigation

S&ME completed the following Scope of Services listed below for this investigation in general conformance with S&ME Proposals No. 23050630AO, dated August 19, 2024, for Task Order 821RI-5 and No. 23050630AS, dated January 6, 2025, for Task Order 821RI-9 under the terms of Contract Number N42621-B, dated January 4, 2022, between NCDEQ and S&ME.

- Utility locating;
- Waste Disposal Area (WDA) perimeter delineation;
- WDA Trenching (Test Pits); and,
- Prepared this report.

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 February 2025) and S&ME's approved *Standard Operating Procedures and Quality Assurance (SOP/QA) Manual*, previously approved by NCDEQ.

2.0 Utility Locating

On October 28, 2024, 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. Boring locations were logged in the field with a handheld GPS and coordinates of each location are displayed in **Appendix I**. Several utilities including water lines, overhead electric lines, and sewer lines were identified around the waste area.

3.0 Waste Disposal Area (WDA) Perimeter Delineation

3.1 WDA Soil Boring Installations

The investigation area for the current WDA perimeter delineation includes Durham County Parcel Identification Numbers (PIN) 0832067642 and 0822978389.

S&ME's subcontract drill crew, Quantex, installed 110 soil borings (WD-01 to WD-110 and offset borings) between November 4 and November 6, 2024.

Quantex's drill crew utilized a track mounted Geoprobe® unit (6620 DT) equipped with Macro-Core soil sampling tooling and hollow stem augers to collect soil/waste samples from the proposed boring locations to a maximum depth of 10 feet below ground surface (bgs). At all locations, soil samples were continuously logged and were classified to identify soil types according to the Unified Soil Classification System (USCS). Soil types identified can be found in **Table 1**.



Additionally, in areas that could not be accessed by the Geoprobe, S&ME advanced two soil borings using a stainless-steel six-inch electric power auger in February 2025. The boring were advanced to approximately three feet bgs. Boring locations and the adjusted waste boundary are depicted on **Figures 1A – 1C**. Coordinates for the soil borings can be found in **Appendix I**. Boring logs are included in the field documents in **Appendix II**.

3.2 WDA Soil Boring Results

Waste was generally encountered across the investigation area in the form of incinerator ash, ceramic, brick, and glass. The waste was described as having the consistency of soil with small fragments of glass, ceramic and brick. Waste was encountered at depths of just below the surface to approximately 5 ft-bgs (soil cover).

Out of the three areas of Northgate Park included in the investigation, only the area near the playgrounds had waste observed. In general, noted waste in the area surrounding the three playgrounds was consistent in depth (approximately 0 – 1.5 ft-bgs) and thickness (approximately 0.5 – 1.5 feet thick). At two boring locations (WD-33 and WD-63) the waste extended down to a maximum depth of 5 ft-bgs (between 0 – 5 feet). Buried waste was not identified along the northern and southern portion of the park and did not extend north across Acadia St. Based upon this investigation the waste was located proximal to the area surrounding the three playgrounds. Buried waste was located over approximately 1.79 acres of the current review area. Boring locations and the approximate waste thickness encountered at each boring location are depicted on **Figure 2**. A visual representation (Heat Map) of the approximate waste thickness across the site is shown on **Figure 3**.

3.3 WDA Test Pits

S&ME's subcontractor, Buckeye Elm Contracting, LLC (Buckeye) advanced 7 test pits (TP-1 to TP-7) between January 21 and January 23, 2025 to confirm the previously delineated WDA. Buckeye utilized an excavator to conduct waste delineation test pits to a maximum depth of 8 feet bgs. Soils were continuously logged and classified, identifying soil types according to the USCS and screened with a Photoionization Detector (PID) for Volatile Organic Compounds (VOCs). Test pit locations and the adjusted waste boundary are depicted in **Figures 1A – 1C**. Coordinates for the test pits can be found in **Appendix I**. Boring logs are included in the field documents in **Appendix II**. A photograph log documenting site activities is included as **Appendix III**.

3.4 WDA Test Pit Results

Waste encountered throughout the property included ash, melted glass, brick, porcelain, and pottery. Plastic was found on the surface in several locations however this plastic is most likely due to littering in the area and not from the incinerator activities. Waste was encountered starting at surface level and up to a depth of 5.0 ft-bgs.

On the eastern side of the property near the playgrounds, waste was observed west of Acadia St from the ground surface to approximately 1.5 ft-bgs in multiple locations and in two borings near the border of the property from surface level to 5 ft-bgs. No waste was observed in the section of test pits conducted closest to Ellerbee Creek. Results from the test pits suggest waste is contained to the playground vicinity and does not extend north or south of the playgrounds. The results also suggest waste does not extend



past Acadia St. The test pit results show similar results to the waste delineation borings conducted in November 2024.

The overall extent of the buried waste extends over the general playground locations and does not extend further into the park. Test pit locations and a waste boundary are depicted in **Figures 1A – 1C**. Boring logs from the test pits can be found in **Appendix II**. A photographic log can be found in **Appendix III** and coordinates for the test pits can be found in **Appendix I**.

4.0 Air Monitoring

During the waste delineation assessment S&ME monitored dust particulates that were possibly generated during drilling using an air sampling pump. The air sampling pump was moved throughout the delineation activities to collect representative air samples from around the drilling area. The samples were collected and analyzed for lead at a North Carolina certified laboratory. Work zone lead sample results were not reported at concentrations above the laboratory reporting limit. The laboratory analytical reports are included in **Appendix IV**.

5.0 Investigative Derived Waste

Investigative derived waste (IDW) extracted from the soil boring or test pits was placed back into the ground and covered with soil, bentonite or sod.

6.0 Sole Use Statement

This report is solely intended for use by NCDEQ for the services that were performed in accordance with S&ME Proposals No. 23050630AO, dated August 19, 2024, and No. 23050630AS, dated No. 23050630AS, dated January 6, 2025, for Task Order 821RI-9, as authorized by NCDEQ Task Orders 821RI-5 and 821RI-9.



**Remedial Investigation – Waste Delineation Assessment Report
Northgate Park – City of Durham, Task Orders 825RI-5 and 821RI-9**

300 W. Club Blvd & 404 W. Lavender Ave, Durham, Durham County, North Carolina
NCDEQ ID No. NONCD0000825
S&ME Project No. 23050630

7.0 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."

Gerald Paul/ S&ME, Inc.

Name of Environmental Consultant / Company

Signature of Environmental Consultant

March 24, 2025

Date

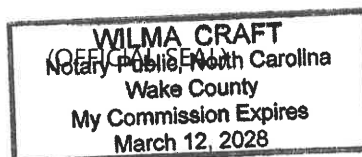
I, Wilma Craft

a Notary Public of said County and State, do hereby certify that

Gerald Paul 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 24 day of March, 2025.

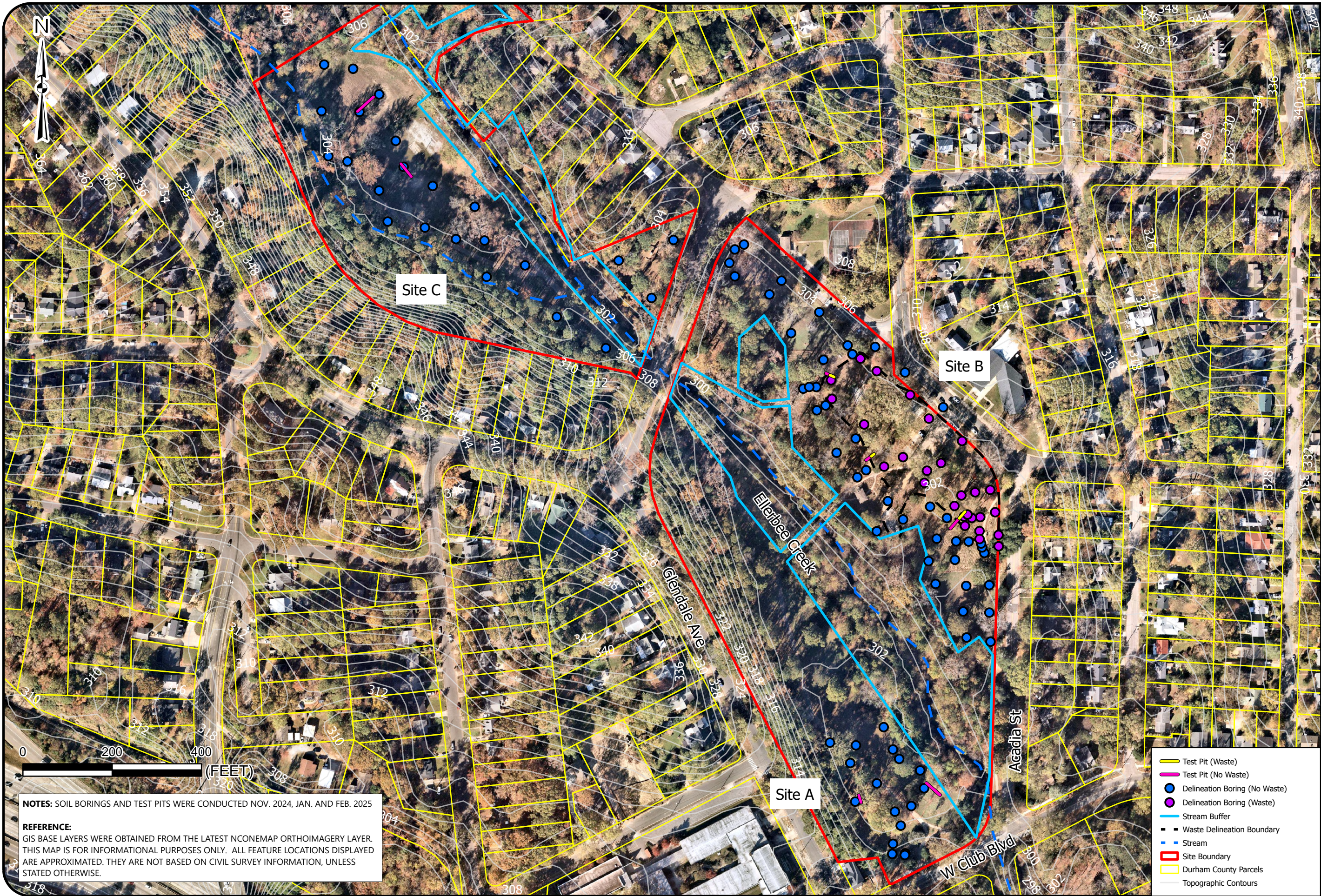
Notary Public (signature)



My commission expires: March 12, 2028

Figures

Drawing Path: T:\Raleigh-1050\Projects\2023\23050630_NCDEQ LE City of Durham Parks (PRJ)_Durham NC\ENV\GIS\RI-5 Waste Delineations\RI-5 Northgate Park.aprx Plotted by: EmilyHermann



LOCATION MAP

NORTHGATE PARK
NCDEQ ID NO. NONCD000825, TASK ORDER 825RI-5 & 821RI-9
300 W. CLUB BOULEVARD & 404 W. LAVENDER AVENUE
DURHAM, NORTH CAROLINA

SCALE:
1 in = 200 ft

DATE:
3/21/2025

PROJECT NUMBER
23050630

FIGURE NO.

1

Drawing Path: T:\Raleigh-1050\Projects\2023\23050630_NCDEQ LE_City of Durham Parks (PRLF)_Durham NC\ENNVGIS\RI-5 Waste Delineations\RI-5 Northgate Park.aprx Plotted by: EmilyHermann



SITE MAP A - BORINGS AND TEST PITS

NORTHGATE PARK
NCDEQ ID NO. NONCD000825, TASK ORDER 825RI-5 & 821RI-9
300 W. CLUB BOULEVARD & 404 W. LAVENDER AVENUE
DURHAM, NORTH CAROLINA

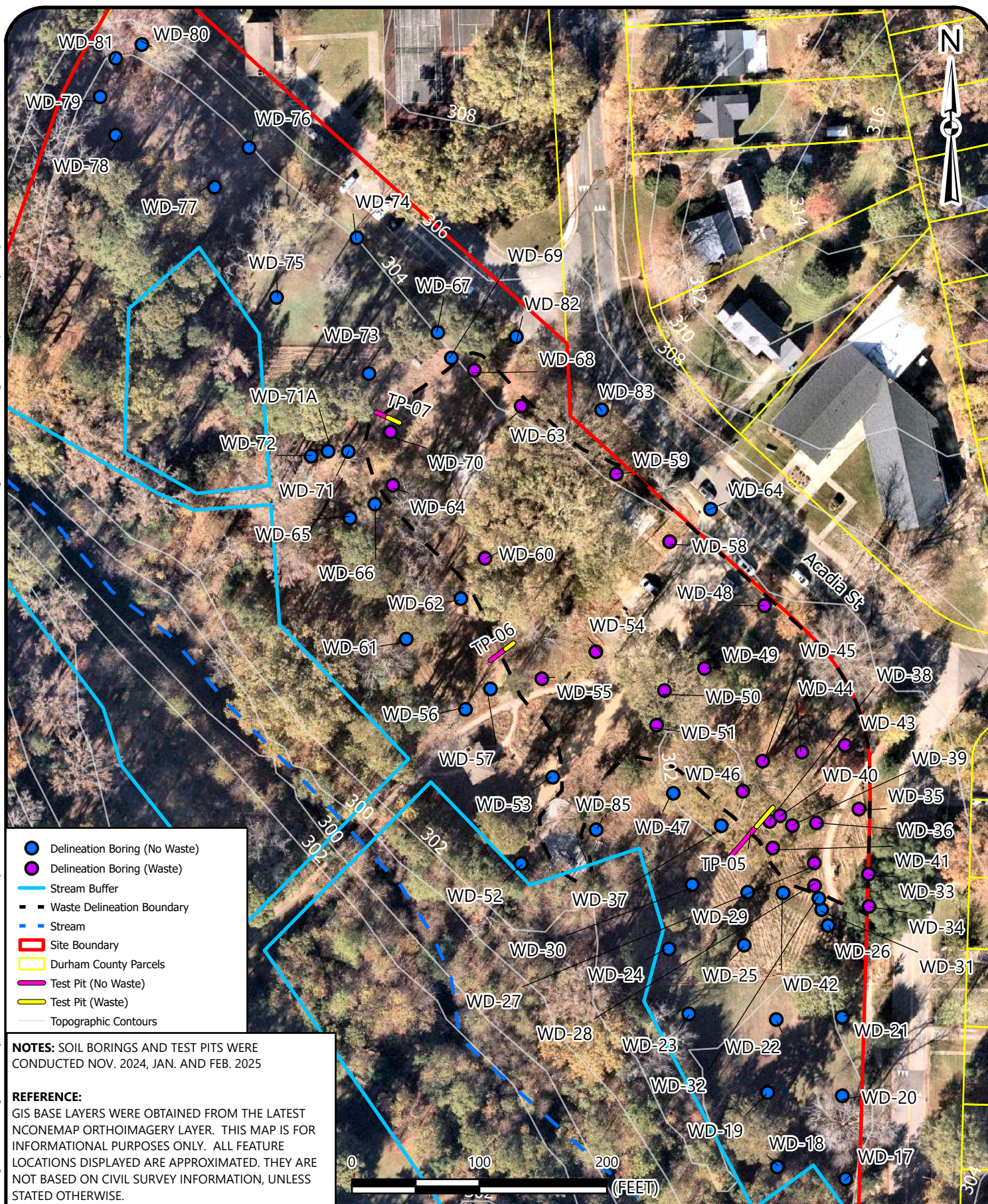
SCALE:
1 in = 50 ft

DATE:
3/21/2025

PROJECT NUMBER
23050630

FIGURE NO.
2A

Drawing Path: T:\Raleigh-1050\Projects\2023\23050630_NCDEQ LF_City of Durham Parks (PRLF)_Durham NCENV\GIS\RI-5 Waste Delineations\RI-5 Northgate Park.aprx Plotted by: EmilyHermann



SITE MAP B - BORINGS AND TEST PITS

NORTHGATE PARK
NCDEQ ID NO. NONCD0000825, TASK ORDER 825RI-5 & 821RI-9
300 W. CLUB BOULEVARD & 404 W. LAVENDER AVENUE
DURHAM, NORTH CAROLINA

SCALE:
1 in = 100 ft
DATE:
3/21/2025
PROJECT NUMBER
23050630

FIGURE NO.

2B

Drawing Path: T:\Raleigh-1050\Projects\2023\23050630_NCDEQ LE City of Durham Parks (PRLF)_Durham NC\ENNVGIS\RI-5 Waste Delineations\RI-5 Northgate Park.aprx Plotted by: Emily Hermann



NOTES: SOIL BORINGS AND TEST PITS WERE CONDUCTED NOV. 2024, JAN. AND FEB. 2025

REFERENCE:
GIS BASE LAYERS WERE OBTAINED FROM THE LATEST NCONEMAP ORTHOIMAGERY LAYER. THIS MAP IS FOR INFORMATIONAL PURPOSES ONLY. ALL FEATURE LOCATIONS DISPLAYED ARE APPROXIMATED. THEY ARE NOT BASED ON CIVIL SURVEY INFORMATION, UNLESS STATED OTHERWISE.



SITE MAP C - BORINGS AND TEST PITS

NORTHGATE PARK
NCDEQ ID NO. NONCD0000825, TASK ORDER 825RI-5 & 821RI-9
300 W. CLUB BOULEVARD & 404 W. LAVENDER AVENUE
DURHAM, NORTH CAROLINA

SCALE:
1 in = 80 ft

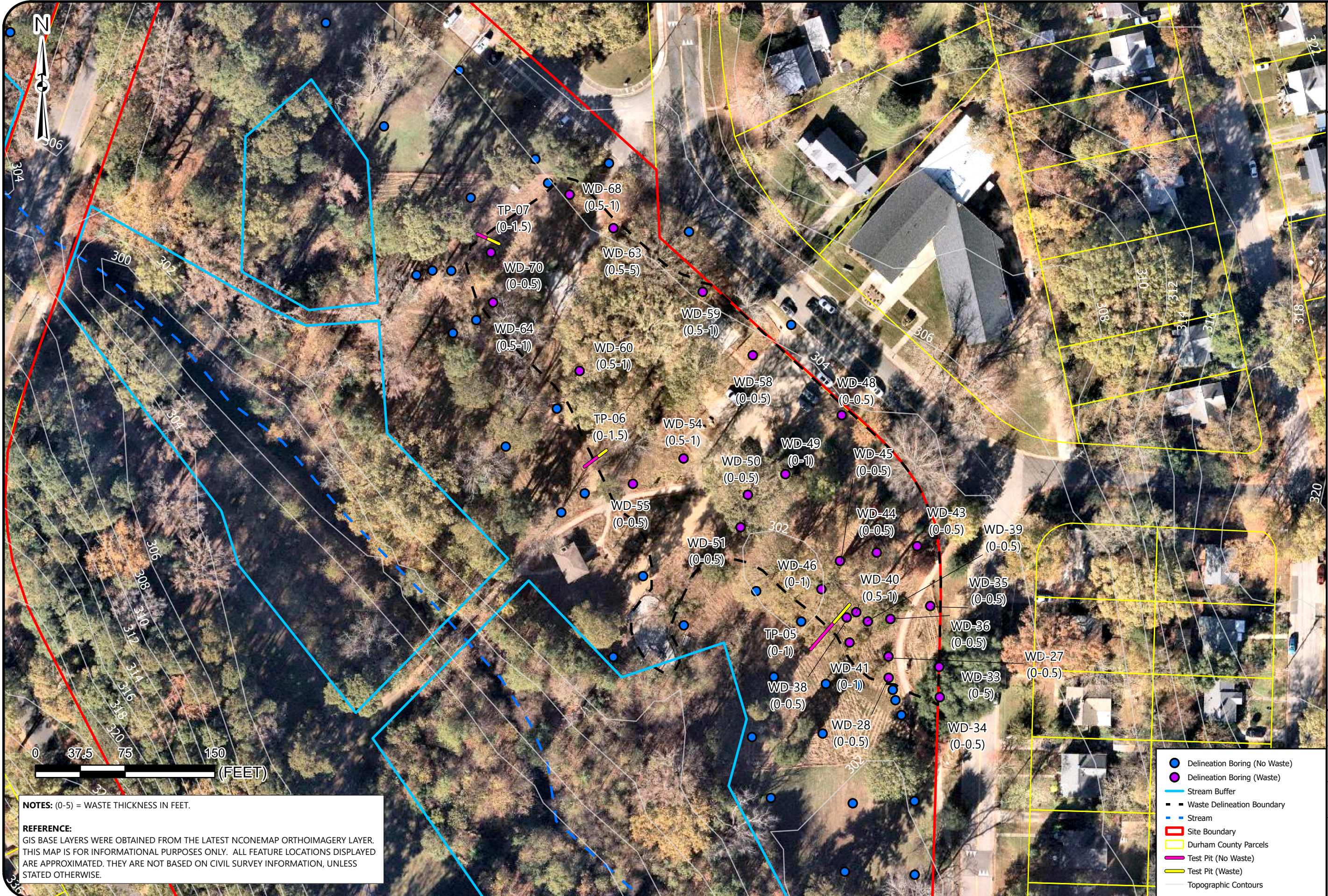
DATE:
3/21/2025

PROJECT NUMBER
23050630

FIGURE NO.

2C

Drawing Path: T:\Raleigh-1050\Projects\2023\23050630_NCDEQ LE City of Durham Parks (PRJ)\Durham NC\ENV\GIS\RI-5 Waste Delineations\RI-5 Northgate Park\RI-5 Northgate Park.aprx Plotted by: EmilyHermann



WASTE DELINEATION MAP - SITE B

NORTHGATE PARK
NCDEQ ID NO. NONCD0000825, TASK ORDER 821RI-5
300 W. CLUB BOULEVARD & 404 W. LAVENDER AVENUE
DURHAM, NORTH CAROLINA

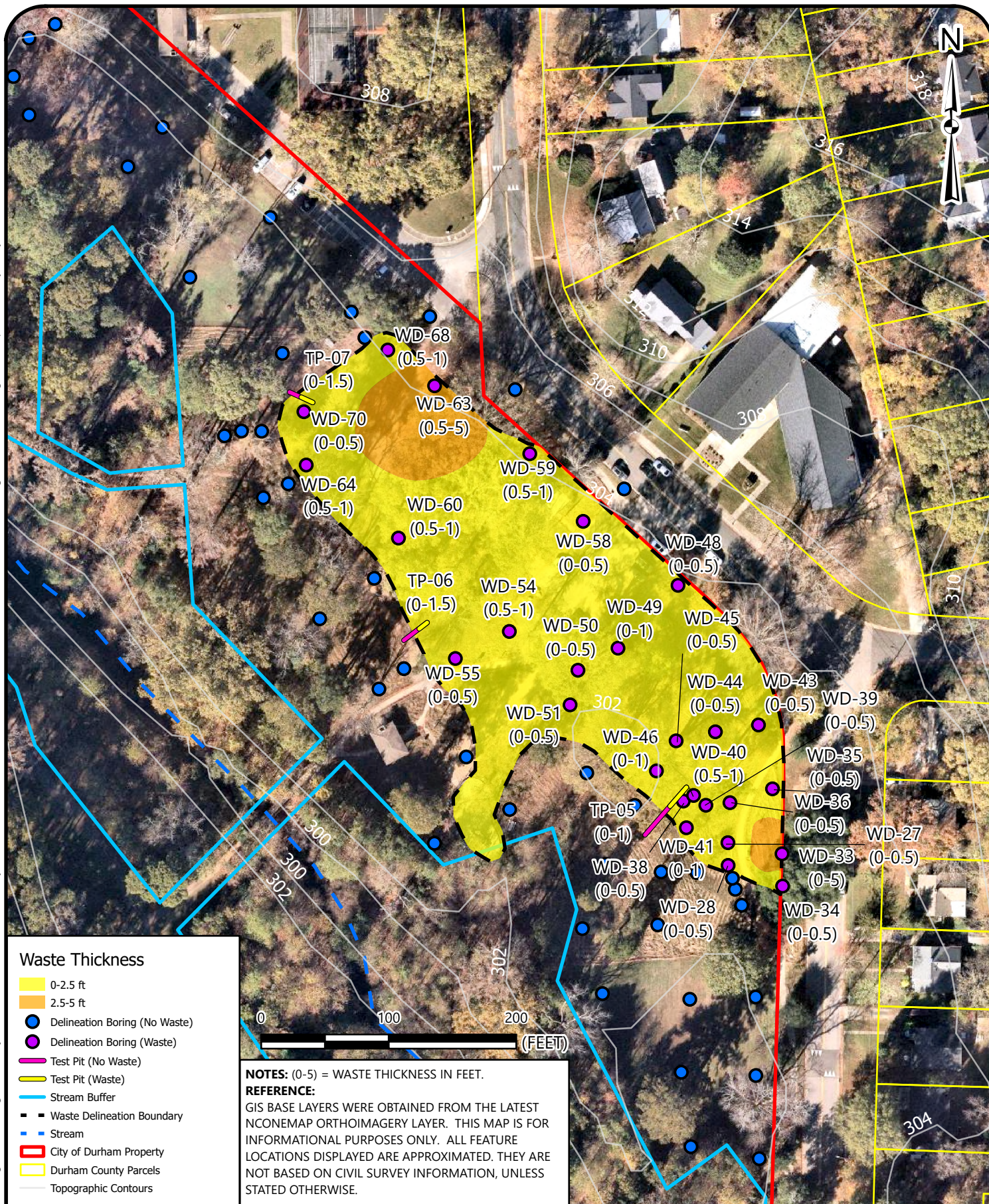
SCALE:
1 in = 75 ft

DATE:
3/21/2025

PROJECT NUMBER
23050630

FIGURE NO.

3



WASTE THICKNESS MAP - SITE B

NORTHGATE PARK
NCDEQ ID NO. NONCD0000825, TASK ORDER 825RI-5 & 821RI-9
300 W. CLUB BOULEVARD & 404 W. LAVENDER AVENUE
DURHAM, NORTH CAROLINA

SCALE:
1 in = 100 ft
DATE:
3/21/2025
PROJECT NUMBER
23050630

FIGURE NO.

4

Tables



Table 1
WDA Delineation
Northgate Park, NONCD0000825
Durham, Durham County, North Carolina
S&ME Project No.: 23050230, Task Order 825RI-5 & 821RI-9

Page 1 of 2

Site Feature	Type	Location			
		USCS	Final Depth (FT)	Waste Depth (FT)	Waste Classification
TP-1	Trench	SM	5.5	NA	NA
TP-2	Trench	CL-ML	5.5	NA	NA
TP-3	Trench	CL-ML	6.0	NA	NA
TP-4	Trench	SC	5.5	NA	NA
TP-5	Trench	SC	8.0	0-1	GLASS, ASH, BRICK, CERAMIC
TP-6	Trench	SC	5.0	0-1.5	GLASS, ASH, CERAMIC
TP-7	Trench	SC	5.5	0-1.5	GLASS, ASH, CERAMIC
WD-01	Waste Delineation Boring	SC	10.0	NA	NA
WD-02	Waste Delineation Boring	SC	10.0	NA	NA
WD-03	Waste Delineation Boring	SC	10.0	NA	NA
WD-04	Waste Delineation Boring	CL	10.0	0-5	ASH
WD-05	Waste Delineation Boring	CL-ML	10.0	NA	NA
WD-06	Waste Delineation Boring	CL-ML	10.0	NA	NA
WD-07	Waste Delineation Boring	CL-ML	10.0	NA	NA
WD-08	Waste Delineation Boring	CL-ML	10.0	NA	NA
WD-09	Waste Delineation Boring	CL-ML	10.0	NA	NA
WD-10	Waste Delineation Boring	CL-ML	10.0	NA	NA
WD-11	Waste Delineation Boring	CL-ML	10.0	NA	NA
WD-12	Waste Delineation Boring	CL-ML	10.0	NA	NA
WD-13	Waste Delineation Boring	CL-ML	10.0	NA	NA
WD-14	Waste Delineation Boring	SC	10.0	NA	NA
WD-15	Waste Delineation Boring	SC	10.0	NA	NA
WD-16	Waste Delineation Boring	SC	10.0	NA	NA
WD-17	Waste Delineation Boring	CL-ML	10.0	NA	NA
WD-18	Waste Delineation Boring	CL-ML	10.0	NA	NA
WD-19	Waste Delineation Boring	CL	10.0	NA	NA
WD-20	Waste Delineation Boring	CL	10.0	NA	NA
WD-21	Waste Delineation Boring	CL	10.0	NA	NA
WD-22	Waste Delineation Boring	CL	10.0	NA	NA
WD-23	Waste Delineation Boring	CL-ML	10.0	NA	NA
WD-24	Waste Delineation Boring	CL-ML	10.0	NA	NA
WD-25	Waste Delineation Boring	CL-ML	10.0	NA	NA
WD-26	Waste Delineation Boring	CL-ML	10.0	NA	NA
WD-27	Waste Delineation Boring	CL-ML	10.0	0-0.5	ASH
WD-28	Waste Delineation Boring	CL	10.0	0-0.5	ASH
WD-29	Waste Delineation Boring	CL	10.0	NA	NA
WD-30	Waste Delineation Boring	CL	5.0	NA	NA
WD-31	Waste Delineation Boring	CL	10.0	NA	NA
WD-32	Waste Delineation Boring	CL	10.0	0-0.5	GLASS, CERAMIC
WD-33	Waste Delineation Boring	CL-ML	10.0	NA	NA
WD-34	Waste Delineation Boring	SC	10.0	0-0.5	GLASS
WD-35	Waste Delineation Boring	SC	10.0	0-0.5	CERAMIC
WD-36	Waste Delineation Boring	CL	10.0	0-0.5	CERAMIC
WD-37	Waste Delineation Boring	CL-ML	10.0	NA	NA
WD-38	Waste Delineation Boring	CL-ML	10.0	0-0.5	GLASS
WD-39	Waste Delineation Boring	CL-ML	10.0	0-0.5	CERAMIC
WD-40	Waste Delineation Boring	CL	10.0	0.5-1	ASH
WD-41	Waste Delineation Boring	SC	10.0	0-1	ASH
WD-42	Waste Delineation Boring	CL	10.0	NA	NA
WD-43	Waste Delineation Boring	CL	5.0	0-0.5	GLASS
WD-44	Waste Delineation Boring	CL	5.0	0-0.5	ASH
WD-45	Waste Delineation Boring	CL	5.0	0-0.5	GLASS
WD-46	Waste Delineation Boring	SC	10.0	0-1	ASH
WD-47	Waste Delineation Boring	CL-ML	5.0	NA	NA
WD-48	Waste Delineation Boring	CL	5.0	0-0.5	GLASS
WD-49	Waste Delineation Boring	SC	5.0	0-1	ASH
WD-50	Waste Delineation Boring	CL	5.0	0-0.5	GLASS

Notes:
SM = SILTY SAND ML = SILT CL-ML = SILTY SAND
CL = LEAN CLAY SC = CLAYEY SAND



Table 1
WDA Delineation
Northgate Park, NONCD0000825
Durham, Durham County, North Carolina
S&ME Project No.: 23050230, Task Order 825RI-5 & 821RI-9

Site Feature	Type	Location			
		USCS	Final Depth (FT)	Waste Depth (FT)	Waste Classification
WD-51	Waste Delineation Boring	CL	5.0	0-0.5	GLASS
WD-52	Waste Delineation Boring	SM	10.0	NA	NA
WD-53	Waste Delineation Boring	CL-ML	1.0	NA	NA
WD-54	Waste Delineation Boring	SM	1.0	0.5-1	CERAMIC
WD-55	Waste Delineation Boring	CL	5.0	0-0.5	GLASS
WD-56	Waste Delineation Boring	SC	5.0	NA	NA
WD-57	Waste Delineation Boring	CL-ML	5.0	NA	NA
WD-58	Waste Delineation Boring	CL	5.0	0-0.5	GLASS
WD-59	Waste Delineation Boring	SC	5.0	0.5-1	ASH, GLASS
WD-60	Waste Delineation Boring	SM	5.0	0.5-1	GLASS, ASH
WD-61	Waste Delineation Boring	CL-ML	10.0	NA	NA
WD-62	Waste Delineation Boring	CL-ML	10.0	NA	NA
WD-63	Waste Delineation Boring	CL	10.0	0.5-5	GLASS, BLACK MELTED PIECES
WD-64	Waste Delineation Boring	CL-ML	5.0	0.5-1	GLASS, BLACK PIECES
WD-65	Waste Delineation Boring	SC	10.0	NA	NA
WD-66	Waste Delineation Boring	CL-ML	10.0	NA	NA
WD-67	Waste Delineation Boring	CL-ML	10.0	NA	NA
WD-68	Waste Delineation Boring	CL	5.0	0.5-1	GLASS, ASH
WD-69	Waste Delineation Boring	CL	10.0	NA	NA
WD-70	Waste Delineation Boring	CL	5.0	0-0.5	GLASS, ASH
WD-71	Waste Delineation Boring	CL	5.0	NA	SOME GLASS
WD-72	Waste Delineation Boring	CL	10.0	NA	NA
WD-73	Waste Delineation Boring	CL-ML	10.0	NA	NA
WD-74	Waste Delineation Boring	CL-ML	10.0	NA	NA
WD-75	Waste Delineation Boring	CL-ML	5.0	NA	NA
WD-76	Waste Delineation Boring	CL-ML	5.0	NA	NA
WD-77	Waste Delineation Boring	CL-ML	5.0	NA	NA
WD-78	Waste Delineation Boring	CL-ML	5.0	NA	NA
WD-79	Waste Delineation Boring	CL-ML	5.0	NA	NA
WD-80	Waste Delineation Boring	CL	10.0	NA	NA
WD-81	Waste Delineation Boring	CL	5.0	NA	NA
WD-82	Waste Delineation Boring	CL-ML	0.5	NA	NA
WD-83	Waste Delineation Boring	CL-ML	10.0	NA	NA
WD-84	Waste Delineation Boring	CL	10.0	NA	NA
WD-85	Waste Delineation Boring	SC	10.0	NA	NA
WD-86	Waste Delineation Boring	CL	10.0	NA	NA
WD-87	Waste Delineation Boring	CL	10.0	NA	NA
WD-88	Waste Delineation Boring	CL	10.0	NA	NA
WD-89	Waste Delineation Boring	CL-ML	10.0	NA	NA
WD-90	Waste Delineation Boring	CL-ML	10.0	NA	NA
WD-91	Waste Delineation Boring	CL-ML	10.0	NA	POSSIBLE ASH/GLASS
WD-92	Waste Delineation Boring	SC	10.0	NA	NA
WD-93	Waste Delineation Boring	SC	10.0	NA	NA
WD-94	Waste Delineation Boring	CL-ML	10.0	NA	NA
WD-95	Waste Delineation Boring	CL-ML	5.0	NA	NA
WD-96	Waste Delineation Boring	CL-ML	5.0	NA	NA
WD-97	Waste Delineation Boring	SC	5.0	NA	NA
WD-98	Waste Delineation Boring	SC	5.0	NA	NA
WD-99	Waste Delineation Boring	CL-ML	5.0	NA	NA
WD-100	Waste Delineation Boring	CL-ML	10.0	NA	NA
WD-101	Waste Delineation Boring	SC	10.0	NA	NA
WD-102	Waste Delineation Boring	SC	10.0	NA	NA
WD-103	Waste Delineation Boring	CL-ML	10.0	NA	NA
WD-104	Waste Delineation Boring	CL-ML	5.0	NA	NA
WD-105	Waste Delineation Boring	CL-ML	5.0	NA	NA
WD-106	Waste Delineation Boring	CL-ML	10.0	NA	NA
WD-107	Waste Delineation Boring	CL-ML	10.0	NA	NA
WD-108	Waste Delineation Boring	CL-ML	10.0	NA	NA
WD-109	Waste Delineation Boring	SC	3.0	NA	NA
WD-110	Waste Delineation Boring	SC	3.0	NA	NA

Notes:

SM = SILTY SAND
CL = LEAN CLAY

ML = SILT
SC = CLAYEY SAND

CL-ML = SILTY SAND

Appendices

Appendix I- Coordinates of Selected Features



APPENDIX I
Coordinates of Selected Features
Northgate Park, NONCD0000825
Durham, Durham County, North Carolina
S&ME Project No.: 23050230, Task Order 825RI-5 & 821RI-9

Page 1 of 2

Site Feature	Type	Location			
		Latitude	Longitude	Easting	Northing
TP-1	Trench	36.02396	-78.89960	689260.31600	3988646.86700
TP-2	Trench	36.02355	-78.89929	689289.01600	3988602.34300
TP-3	Trench	36.01968	-78.89586	689607.55100	3988179.48700
TP-4	Trench	36.01974	-78.89529	689658.22900	3988186.54800
TP-5	Trench	36.02140	-78.89511	689670.40800	3988371.23600
TP-6	Trench	36.02179	-78.89578	689609.70100	3988412.92600
TP-7	Trench	36.02229	-78.89608	689581.22600	3988468.35100
WD-01	Waste Delineation Boring	36.01935	-78.89551	689639.28100	3988142.89400
WD-02	Waste Delineation Boring	36.01934	-78.89552	689638.98900	3988141.74800
WD-03	Waste Delineation Boring	36.01941	-78.89561	689630.72200	3988149.23500
WD-04	Waste Delineation Boring	36.01960	-78.89559	689631.60400	3988171.22800
WD-05	Waste Delineation Boring	36.01978	-78.89573	689618.85100	3988190.26800
WD-06	Waste Delineation Boring	36.02001	-78.89589	689604.04500	3988215.98500
WD-07	Waste Delineation Boring	36.02012	-78.89568	689622.76200	3988228.77600
WD-08	Waste Delineation Boring	36.01999	-78.89561	689629.38200	3988213.64300
WD-09	Waste Delineation Boring	36.01993	-78.89556	689633.79700	3988207.30000
WD-10	Waste Delineation Boring	36.01986	-78.89540	689648.25400	3988199.74100
WD-11	Waste Delineation Boring	36.01975	-78.89537	689651.21900	3988187.61100
WD-12	Waste Delineation Boring	36.01964	-78.89547	689642.71400	3988175.29200
WD-13	Waste Delineation Boring	36.01952	-78.89555	689635.77400	3988161.75700
WD-14	Waste Delineation Boring	36.01967	-78.89589	689604.37100	3988177.54100
WD-15	Waste Delineation Boring	36.01990	-78.89593	689600.44200	3988203.81800
WD-16	Waste Delineation Boring	36.02003	-78.89608	689586.29300	3988217.46800
WD-17	Waste Delineation Boring	36.02065	-78.89487	689694.45800	3988288.61400
WD-18	Waste Delineation Boring	36.02067	-78.89505	689678.06700	3988291.13700
WD-19	Waste Delineation Boring	36.02084	-78.89507	689675.40200	3988308.87800
WD-20	Waste Delineation Boring	36.02083	-78.89488	689693.24500	3988308.46600
WD-21	Waste Delineation Boring	36.02100	-78.89488	689692.80400	3988327.23500
WD-22	Waste Delineation Boring	36.02099	-78.89505	689677.08200	3988326.36200
WD-23	Waste Delineation Boring	36.02100	-78.89528	689656.17600	3988327.29100
WD-24	Waste Delineation Boring	36.02114	-78.89534	689651.06000	3988342.72000
WD-25	Waste Delineation Boring	36.02115	-78.89514	689669.03900	3988343.98400
WD-26	Waste Delineation Boring	36.02119	-78.89491	689689.02300	3988349.09700
WD-27	Waste Delineation Boring	36.02133	-78.89495	689685.41500	3988363.97600
WD-28	Waste Delineation Boring	36.02128	-78.89495	689685.57500	3988358.54800
WD-29	Waste Delineation Boring	36.02127	-78.89513	689669.60500	3988356.65200
WD-30	Waste Delineation Boring	36.02128	-78.89527	689656.32900	3988358.18800
WD-31	Waste Delineation Boring	36.02123	-78.89493	689687.41900	3988352.86600
WD-32	Waste Delineation Boring	36.02125	-78.89494	689686.67500	3988355.50200
WD-33	Waste Delineation Boring	36.02131	-78.89481	689698.40000	3988361.58900
WD-34	Waste Delineation Boring	36.02124	-78.89480	689698.70000	3988353.87100
WD-35	Waste Delineation Boring	36.02145	-78.89483	689695.80400	3988377.06700
WD-36	Waste Delineation Boring	36.02142	-78.89494	689685.70900	3988373.55000
WD-37	Waste Delineation Boring	36.02141	-78.89520	689662.98800	3988372.43100
WD-38	Waste Delineation Boring	36.02142	-78.89507	689674.54800	3988373.69900
WD-39	Waste Delineation Boring	36.02141	-78.89501	689679.96700	3988372.81400
WD-40	Waste Delineation Boring	36.02143	-78.89504	689676.96900	3988375.10300
WD-41	Waste Delineation Boring	36.02136	-78.89506	689675.41700	3988367.34400
WD-42	Waste Delineation Boring	36.02127	-78.89503	689678.12000	3988356.66100
WD-43	Waste Delineation Boring	36.02158	-78.89487	689692.13900	3988392.26900
WD-44	Waste Delineation Boring	36.02157	-78.89498	689681.87600	3988390.41400
WD-45	Waste Delineation Boring	36.02155	-78.89509	689672.53500	3988388.07200
WD-46	Waste Delineation Boring	36.02148	-78.89514	689667.97600	3988380.77700
WD-47	Waste Delineation Boring	36.02148	-78.89532	689651.35400	3988379.94800
WD-48	Waste Delineation Boring	36.02188	-78.89508	689672.23300	3988425.25000
WD-49	Waste Delineation Boring	36.02175	-78.89524	689658.18800	3988409.93200
WD-50	Waste Delineation Boring	36.02170	-78.89535	689648.72700	3988404.45800

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
Northgate Park, NONCD0000825
Durham, Durham County, North Carolina
S&ME Project No.: 23050230, Task Order 825RI-5 & 821RI-9

Page 2 of 2

Site Feature	Type	Location			
		Latitude	Longitude	Easting	Northing
WD-51	Waste Delineation Boring	36.02163	-78.89537	689647.02200	3988396.14300
WD-52	Waste Delineation Boring	36.02133	-78.89573	689615.28500	3988362.40500
WD-53	Waste Delineation Boring	36.02151	-78.89564	689622.45600	3988383.17700
WD-54	Waste Delineation Boring	36.02179	-78.89553	689632.14300	3988413.38900
WD-55	Waste Delineation Boring	36.02173	-78.89567	689619.37600	3988406.65900
WD-56	Waste Delineation Boring	36.02166	-78.89587	689601.26800	3988398.99300
WD-57	Waste Delineation Boring	36.02171	-78.89581	689607.13800	3988403.98000
WD-58	Waste Delineation Boring	36.02202	-78.89533	689649.24400	3988440.06400
WD-59	Waste Delineation Boring	36.02217	-78.89547	689636.15200	3988455.96700
WD-60	Waste Delineation Boring	36.02199	-78.89582	689605.18900	3988435.16400
WD-61	Waste Delineation Boring	36.02181	-78.89603	689586.76000	3988415.48700
WD-62	Waste Delineation Boring	36.02190	-78.89589	689599.60700	3988425.43200
WD-63	Waste Delineation Boring	36.02231	-78.89573	689613.07300	3988471.74200
WD-64	Waste Delineation Boring	36.02214	-78.89607	689572.78500	3988452.17200
WD-65	Waste Delineation Boring	36.02207	-78.89618	689572.70600	3988444.14700
WD-66	Waste Delineation Boring	36.02210	-78.89611	689578.59700	3988447.58500
WD-67	Waste Delineation Boring	36.02247	-78.89595	689592.80400	3988488.93700
WD-68	Waste Delineation Boring	36.02239	-78.89585	689601.71200	3988480.06500
WD-69	Waste Delineation Boring	36.02242	-78.89591	689596.18100	3988482.90000
WD-70	Waste Delineation Boring	36.02226	-78.89607	689581.97200	3988464.90600
WD-71	Waste Delineation Boring	36.02221	-78.89628	689563.11900	3988458.74800
WD-72	Waste Delineation Boring	36.02222	-78.89618	689571.97000	3988460.03400
WD-73	Waste Delineation Boring	36.02222	-78.89624	689567.16000	3988459.97900
WD-74	Waste Delineation Boring	36.02239	-78.89613	689576.53200	3988478.74800
WD-75	Waste Delineation Boring	36.02268	-78.89616	689572.98800	3988511.15200
WD-76	Waste Delineation Boring	36.02255	-78.89637	689554.05500	3988496.50300
WD-77	Waste Delineation Boring	36.02287	-78.89645	689546.74800	3988532.19200
WD-78	Waste Delineation Boring	36.02279	-78.89654	689538.70900	3988522.58300
WD-79	Waste Delineation Boring	36.02290	-78.89680	689514.83200	3988534.48800
WD-80	Waste Delineation Boring	36.02298	-78.89684	689510.92200	3988543.59900
WD-81	Waste Delineation Boring	36.02309	-78.89673	689520.62900	3988556.30500
WD-82	Waste Delineation Boring	36.02306	-78.89680	689514.44900	3988552.86000
WD-83	Waste Delineation Boring	36.02246	-78.89574	689611.58200	3988488.26500
WD-84	Waste Delineation Boring	36.02231	-78.89551	689632.34400	3988471.23000
WD-85	Waste Delineation Boring	36.02209	-78.89522	689658.88900	3988448.02400
WD-86	Waste Delineation Boring	36.02140	-78.89553	689633.08800	3988370.84300
WD-87	Waste Delineation Boring	36.01934	-78.89561	689630.36700	3988142.30900
WD-88	Waste Delineation Boring	36.02246	-78.89778	689427.83700	3988483.62300
WD-89	Waste Delineation Boring	36.02265	-78.89815	689393.87400	3988504.28300
WD-90	Waste Delineation Boring	36.02297	-78.89839	689371.53100	3988539.03700
WD-91	Waste Delineation Boring	36.02290	-78.89868	689345.43700	3988530.66700
WD-92	Waste Delineation Boring	36.02333	-78.89877	689336.37300	3988578.30100
WD-93	Waste Delineation Boring	36.02346	-78.89909	689307.36100	3988591.94800
WD-94	Waste Delineation Boring	36.02343	-78.89949	689270.82300	3988588.05400
WD-95	Waste Delineation Boring	36.02361	-78.89973	689248.86300	3988607.47500
WD-96	Waste Delineation Boring	36.02392	-78.89993	689230.44900	3988641.53300
WD-97	Waste Delineation Boring	36.02420	-78.89991	689231.59800	3988673.28500
WD-98	Waste Delineation Boring	36.02418	-78.89969	689251.38700	3988670.83700
WD-99	Waste Delineation Boring	36.02402	-78.89949	689269.54800	3988653.73500
WD-100	Waste Delineation Boring	36.02391	-78.89964	689256.32100	3988641.49500
WD-101	Waste Delineation Boring	36.02373	-78.89937	689281.53600	3988622.20200
WD-102	Waste Delineation Boring	36.02358	-78.89931	689287.23800	3988604.62100
WD-103	Waste Delineation Boring	36.02320	-78.89915	689302.62500	3988563.39200
WD-104	Waste Delineation Boring	36.02313	-78.89891	689324.01100	3988555.99800
WD-105	Waste Delineation Boring	36.02312	-78.89870	689343.49100	3988555.40600
WD-106	Waste Delineation Boring	36.02277	-78.89743	689458.30400	3988518.53200
WD-107	Waste Delineation Boring	36.02312	-78.89726	689472.45600	3988558.45900
WD-108	Waste Delineation Boring	36.02300	-78.89768	689435.32800	3988543.60300
WD-109	Waste Delineation Boring	36.02364	-78.89988	689235.74400	3988610.78600
WD-110	Waste Delineation Boring	36.02324	-78.89943	689277.14600	3988567.01500

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

PROJECT: Durham Parks Waste Delineation			BORING LOG: WD-01									
Northgate Park												
S&ME Project No. 23050630												
DATE DRILLED:		Monday, November 4, 2024			BORING DEPTH (FT):			10				
DRILL RIG:		Geoprobe 7822 DT			WATER LEVEL:							
DRILLER:		Quantex			CAVE-IN DEPTH:							
HAMMER TYPE:		Not Applicable			LOGGED BY:			Emily Hermann				
SAMPLING METHOD:					NORTHING:							
DRILLING METHOD:		DPT			EASTING:							
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION			WATER LEVEL	SAMPLE	PID READING (PPM)	LABORATORY ANALYSES	Sample Time / 1st 6in	2nd 6in	3rd 6in	N VALUE
		Clayey Sand, Brown,										
5		Clay, Brown,										
10		Boring Terminated at 10 Ft-BGS										
15												
20												
25												
30												

PROJECT:		Durham Parks Waste Delineation			BORING LOG: WD-02							
		Northgate Park										
		S&ME Project No. 23050630										
DATE DRILLED:		Monday, November 4, 2024			BORING DEPTH (FT):		10					
DRILL RIG:		Geoprobe 7822 DT			WATER LEVEL:							
DRILLER:		Quantex			CAVE-IN DEPTH:							
HAMMER TYPE:		Not Applicable			LOGGED BY:		Emily Hermann					
SAMPLING METHOD:					NORTHING:							
DRILLING METHOD:		DPT			EASTING:							
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION			WATER LEVEL	SAMPLE	PID READING (PPM)	LABORATORY ANALYSES	Sample Time / 1st 6in	2nd 6in	3rd 6in	N VALUE
		Clayey Sand, Brown,										
5		Clay, Brown,										
10		Boring Terminated at 10 Ft-BGS										
15												
20												
25												
30												

PROJECT: Durham Parks Waste Delineation			BORING LOG: WD-03								
Northgate Park											
S&ME Project No. 23050630											
DATE DRILLED:		Monday, November 4, 2024		BORING DEPTH (FT):		10					
DRILL RIG:		Geoprobe 7822 DT		WATER LEVEL:							
DRILLER:		Quantex		CAVE-IN DEPTH:							
HAMMER TYPE:		Not Applicable		LOGGED BY:		Emily Hermann					
SAMPLING METHOD:				NORTHING:							
DRILLING METHOD:		DPT		EASTING:							
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION		WATER LEVEL	SAMPLE	PID READING (PPM)	LABORATORY ANALYSES	Sample Time / 1st 6in	2nd 6in	3rd 6in	N VALUE
		Sandy Clay, Brown, Orange,									
5		Clay, Brown,									
10		Boring Terminated at 10 Ft-BGS									
15											
20											
25											
30											

[illegible]

PROJECT:		Durham Parks Waste Delineation			BORING LOG: WD-05							
		Northgate Park										
		S&ME Project No. 23050630										
DATE DRILLED:		Monday, November 4, 2024			BORING DEPTH (FT):		10					
DRILL RIG:		Geoprobe 7822 DT			WATER LEVEL:							
DRILLER:		Quantex			CAVE-IN DEPTH:							
HAMMER TYPE:		Not Applicable			LOGGED BY:		Emily Hermann					
SAMPLING METHOD:					NORTHING:							
DRILLING METHOD:		DPT			EASTING:							
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION			WATER LEVEL	SAMPLE	PID READING (PPM)	LABORATORY ANALYSES	Sample Time / 1st 6in	2nd 6in	3rd 6in	N VALUE
		Silty Clay, Brown,										
5		Silty Clay, Brown,										
10		Boring Terminated at 10 Ft-BGS										
15												
20												
25												
30												

PROJECT:		Durham Parks Waste Delineation			BORING LOG: WD-06							
		Northgate Park										
		S&ME Project No. 23050630										
DATE DRILLED:		Monday, November 4, 2024			BORING DEPTH (FT):		10					
DRILL RIG:		Geoprobe 7822 DT			WATER LEVEL:							
DRILLER:		Quantex			CAVE-IN DEPTH:							
HAMMER TYPE:		Not Applicable			LOGGED BY:		Emily Hermann					
SAMPLING METHOD:					NORTHING:							
DRILLING METHOD:		DPT			EASTING:							
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION			WATER LEVEL	SAMPLE	PID READING (PPM)	LABORATORY ANALYSES	Sample Time / 1st 6in	2nd 6in	3rd 6in	N VALUE
		Silty Clay, Brown,										
5		Clay, Brown,										
10		Boring Terminated at 10 Ft-BGS										
15												
20												
25												
30												

PROJECT: Durham Parks Waste Delineation			BORING LOG: WD-07								
Northgate Park											
S&ME Project No. 23050630											
DATE DRILLED:		Monday, November 4, 2024		BORING DEPTH (FT):		10					
DRILL RIG:		Geoprobe 7822 DT		WATER LEVEL:							
DRILLER:		Quantex		CAVE-IN DEPTH:							
HAMMER TYPE:		Not Applicable		LOGGED BY:		Emily Hermann					
SAMPLING METHOD:				NORTHING:							
DRILLING METHOD:		DPT		EASTING:							
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION		WATER LEVEL	SAMPLE	PID READING (PPM)	LABORATORY ANALYSES	Sample Time / 1st 6in	2nd 6in	3rd 6in	N VALUE
		Silty Clay, Brown, Gray,									
5		Sandy Clay, Gray, Brown,									
10		Boring Terminated at 10 Ft-BGS									
15											
20											
25											
30											

PROJECT:		Durham Parks Waste Delineation			BORING LOG: WD-08							
		Northgate Park										
		S&ME Project No. 23050630										
DATE DRILLED:		Monday, November 4, 2024			BORING DEPTH (FT):		10					
DRILL RIG:		Geoprobe 7822 DT			WATER LEVEL:							
DRILLER:		Quantex			CAVE-IN DEPTH:							
HAMMER TYPE:		Not Applicable			LOGGED BY:		Emily Hermann					
SAMPLING METHOD:					NORTHING:							
DRILLING METHOD:		DPT			EASTING:							
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION			WATER LEVEL	SAMPLE	PID READING (PPM)	LABORATORY ANALYSES	Sample Time / 1st 6in	2nd 6in	3rd 6in	N VALUE
		Clayey Silt, Brown,										
5		Clay, Brown,										
10		Boring Terminated at 10 Ft-BGS										
15												
20												
25												
30												

PROJECT:		Durham Parks Waste Delineation			BORING LOG: WD-09							
		Northgate Park										
		S&ME Project No. 23050630										
DATE DRILLED:		Monday, November 4, 2024			BORING DEPTH (FT):		10					
DRILL RIG:		Geoprobe 7822 DT			WATER LEVEL:							
DRILLER:		Quantex			CAVE-IN DEPTH:							
HAMMER TYPE:		Not Applicable			LOGGED BY:		Emily Hermann					
SAMPLING METHOD:					NORTHING:							
DRILLING METHOD:		DPT			EASTING:							
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION			WATER LEVEL	SAMPLE	PID READING (PPM)	LABORATORY ANALYSES	Sample Time / 1st 6in	2nd 6in	3rd 6in	N VALUE
		Silty Clay, Stiff, Brown,										
5		Clay, Stiff, Brown,										
10		Boring Terminated at 10 Ft-BGS										
15												
20												
25												
30												

PROJECT: Durham Parks Waste Delineation			BORING LOG: WD-10								
Northgate Park											
S&ME Project No. 23050630											
DATE DRILLED:		Monday, November 4, 2024		BORING DEPTH (FT):		10					
DRILL RIG:		Geoprobe 7822 DT		WATER LEVEL:							
DRILLER:		Quantex		CAVE-IN DEPTH:							
HAMMER TYPE:		Not Applicable		LOGGED BY:		Emily Hermann					
SAMPLING METHOD:				NORTHING:							
DRILLING METHOD:		DPT		EASTING:							
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION		WATER LEVEL	SAMPLE	PID READING (PPM)	LABORATORY ANALYSES	Sample Time / 1st 6in	2nd 6in	3rd 6in	N VALUE
		Sandy Clay, Stiff, Brown,									
5		Silty Clay, Stiff, Gray, Brown, Moist,									
10		Boring Terminated at 10 Ft-BGS									
15											
20											
25											
30											

PROJECT:			Durham Parks Waste Delineation			BORING LOG: WD-11						
			Northgate Park									
			S&ME Project No. 23050630									
DATE DRILLED:		Monday, November 4, 2024			BORING DEPTH (FT):		10					
DRILL RIG:		Geoprobe 7822 DT			WATER LEVEL:							
DRILLER:		Quantex			CAVE-IN DEPTH:							
HAMMER TYPE:		Not Applicable			LOGGED BY:		Emily Hermann					
SAMPLING METHOD:					NORTHING:							
DRILLING METHOD:		DPT			EASTING:							
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION			WATER LEVEL	SAMPLE	PID READING (PPM)	LABORATORY ANALYSES	Sample Time / 1st 6in	2nd 6in	3rd 6in	N VALUE
		Sandy Clay, Brown, Moist,										
5		Silty Clay, Gray, Brown, Moist,										
10		Boring Terminated at 10 Ft-BGS										
15												
20												
25												
30												

[illegible]

PROJECT: Durham Parks Waste Delineation			BORING LOG: WD-13								
Northgate Park											
S&ME Project No. 23050630											
DATE DRILLED:		Monday, November 4, 2024		BORING DEPTH (FT):		10					
DRILL RIG:		Geoprobe 7822 DT		WATER LEVEL:							
DRILLER:		Quantex		CAVE-IN DEPTH:							
HAMMER TYPE:		Not Applicable		LOGGED BY:		Emily Hermann					
SAMPLING METHOD:				NORTHING:							
DRILLING METHOD:		DPT		EASTING:							
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION		WATER LEVEL	SAMPLE	PID READING (PPM)	LABORATORY ANALYSES	Sample Time / 1st 6in	2nd 6in	3rd 6in	N VALUE
		Silty Clay, Stiff, Brown,									
5		Clay, Stiff, Gray, Brown,									
10		Boring Terminated at 10 Ft-BGS									
15											
20											
25											
30											

PROJECT:			Durham Parks Waste Delineation			BORING LOG: WD-14							
			Northgate Park										
			S&ME Project No. 23050630										
DATE DRILLED:		Monday, November 4, 2024			BORING DEPTH (FT):		10						
DRILL RIG:		Geoprobe 7822 DT			WATER LEVEL:								
DRILLER:		Quantex			CAVE-IN DEPTH:								
HAMMER TYPE:		Not Applicable			LOGGED BY:		Emily Hermann						
SAMPLING METHOD:					NORTHING:								
DRILLING METHOD:		DPT			EASTING:								
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION				WATER LEVEL	SAMPLE	PID READING (PPM)	LABORATORY ANALYSES	Sample Time / 1st 6in	2nd 6in	3rd 6in	N VALUE
		Sandy Clay, Gray, Brown,											
5		Clayey Sand, Brown,											
10		Boring Terminated at 10 Ft-BGS											

PROJECT:			Durham Parks Waste Delineation			BORING LOG: WD-15						
			Northgate Park									
			S&ME Project No. 23050630									
DATE DRILLED:		Monday, November 4, 2024			BORING DEPTH (FT):		10					
DRILL RIG:		Geoprobe 7822 DT			WATER LEVEL:							
DRILLER:		Quantex			CAVE-IN DEPTH:							
HAMMER TYPE:		Not Applicable			LOGGED BY:		Emily Hermann					
SAMPLING METHOD:					NORTHING:							
DRILLING METHOD:		DPT			EASTING:							
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION			WATER LEVEL	SAMPLE	PID READING (PPM)	LABORATORY ANALYSES	Sample Time / 1st 6in	2nd 6in	3rd 6in	N VALUE
5		Sandy Clay, Brown, Orange,										
		Sandy Clay, Orange, Brown,										
10		Boring Terminated at 10 Ft-BGS										
15												
20												
25												
30												

PROJECT:			Durham Parks Waste Delineation			BORING LOG: WD-16							
			Northgate Park										
			S&ME Project No. 23050630										
DATE DRILLED:		Monday, November 4, 2024			BORING DEPTH (FT):		10						
DRILL RIG:		Geoprobe 7822 DT			WATER LEVEL:								
DRILLER:		Quantex			CAVE-IN DEPTH:								
HAMMER TYPE:		Not Applicable			LOGGED BY:		Emily Hermann						
SAMPLING METHOD:					NORTHING:								
DRILLING METHOD:		DPT			EASTING:								
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION				WATER LEVEL	SAMPLE	PID READING (PPM)	LABORATORY ANALYSES	Sample Time / 1st 6in	2nd 6in	3rd 6in	N VALUE
		Sandy Clay, Brown,											
5		Clay, Gray, Brown,											
10		Boring Terminated at 10 Ft-BGS											
15													
20													
25													
30													

PROJECT: Durham Parks Waste Delineation			BORING LOG: WD-17								
Northgate Park											
S&ME Project No. 23050630											
DATE DRILLED:		Monday, November 4, 2024		BORING DEPTH (FT):		10					
DRILL RIG:		Geoprobe 7822 DT		WATER LEVEL:							
DRILLER:		Quantex		CAVE-IN DEPTH:							
HAMMER TYPE:		Not Applicable		LOGGED BY:		Emily Hermann					
SAMPLING METHOD:				NORTHING:							
DRILLING METHOD:		DPT		EASTING:							
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION		WATER LEVEL	SAMPLE	PID READING (PPM)	LABORATORY ANALYSES	Sample Time / 1st 6in	2nd 6in	3rd 6in	N VALUE
		Silty Sand, Gray, Brown,									
5		Clay, Blue, Gray, Trace Rock Fragments,									
10		Boring Terminated at 10 Ft-BGS									
15											
20											
25											
30											

PROJECT:			Durham Parks Waste Delineation			BORING LOG: WD-18							
			Northgate Park										
			S&ME Project No. 23050630										
DATE DRILLED:		Monday, November 4, 2024			BORING DEPTH (FT):		10						
DRILL RIG:		Geoprobe 7822 DT			WATER LEVEL:								
DRILLER:		Quantex			CAVE-IN DEPTH:								
HAMMER TYPE:		Not Applicable			LOGGED BY:		Emily Hermann						
SAMPLING METHOD:					NORTHING:								
DRILLING METHOD:		DPT			EASTING:								
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION				WATER LEVEL	SAMPLE	PID READING (PPM)	LABORATORY ANALYSES	Sample Time / 1st 6in	2nd 6in	3rd 6in	N VALUE
		Silty Clay, Brown,											
5		Sandy Clay, Brown, Moist,											
10		Boring Terminated at 10 Ft-BGS											
15													
20													
25													
30													

PROJECT: Durham Parks Waste Delineation			BORING LOG: WD-19								
Northgate Park											
S&ME Project No. 23050630											
DATE DRILLED:		Monday, November 4, 2024		BORING DEPTH (FT):		10					
DRILL RIG:		Geoprobe 7822 DT		WATER LEVEL:							
DRILLER:		Quantex		CAVE-IN DEPTH:							
HAMMER TYPE:		Not Applicable		LOGGED BY:		Emily Hermann					
SAMPLING METHOD:				NORTHING:							
DRILLING METHOD:		DPT		EASTING:							
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION		WATER LEVEL	SAMPLE	PID READING (PPM)	LABORATORY ANALYSES	Sample Time / 1st 6in	2nd 6in	3rd 6in	N VALUE
		Clay, Brown,									
5		Clay, Gray, Orange,									
10		Boring Terminated at 10 Ft-BGS									
15											
20											
25											
30											

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PROJECT: Durham Parks Waste Delineation			BORING LOG: WD-23								
Northgate Park											
S&ME Project No. 23050630											
DATE DRILLED:		Monday, November 4, 2024		BORING DEPTH (FT):		10					
DRILL RIG:		Geoprobe 7822 DT		WATER LEVEL:							
DRILLER:		Quantex		CAVE-IN DEPTH:							
HAMMER TYPE:		Not Applicable		LOGGED BY:		Emily Hermann					
SAMPLING METHOD:				NORTHING:							
DRILLING METHOD:		DPT		EASTING:							
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION		WATER LEVEL	SAMPLE	PID READING (PPM)	LABORATORY ANALYSES	Sample Time / 1st 6in	2nd 6in	3rd 6in	N VALUE
		Silty Sand, Brown,									
5		Clay, Gray, Brown,									
10		Boring Terminated at 10 Ft-BGS									
15											
20											
25											
30											

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PROJECT: Durham Parks Waste Delineation			BORING LOG: WD-26								
Northgate Park											
S&ME Project No. 23050630											
DATE DRILLED:		Monday, November 4, 2024		BORING DEPTH (FT):		10					
DRILL RIG:		Geoprobe 7822 DT		WATER LEVEL:							
DRILLER:		Quantex		CAVE-IN DEPTH:							
HAMMER TYPE:		Not Applicable		LOGGED BY:		Emily Hermann					
SAMPLING METHOD:				NORTHING:							
DRILLING METHOD:		DPT		EASTING:							
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION		WATER LEVEL	SAMPLE	PID READING (PPM)	LABORATORY ANALYSES	Sample Time / 1st 6in	2nd 6in	3rd 6in	N VALUE
		Silty Sand, Brown, Dry,									
5		Clay, Gray, Brown,									
10		Boring Terminated at 10 Ft-BGS									
15											
20											
25											
30											

PROJECT: Durham Parks Waste Delineation Northgate Park S&ME Project No. 23050630			BORING LOG: WD-27									
DATE DRILLED:		Monday, November 4, 2024		BORING DEPTH (FT):		10						
DRILL RIG:		Geoprobe 7822 DT		WATER LEVEL:								
DRILLER:		Quantex		CAVE-IN DEPTH:								
HAMMER TYPE:		Not Applicable		LOGGED BY:		Emily Hermann						
SAMPLING METHOD:				NORTHING:								
DRILLING METHOD:		DPT		EASTING:								
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION			WATER LEVEL	SAMPLE	PID READING (PPM)	LABORATORY ANALYSES	Sample Time / 1st 6in	2nd 6in	3rd 6in	N VALUE
		Fill, Incinerator ash, Black, Silty Sand, Brown,										
5		Clay, Gray,										
10		Boring Terminated at 10 Ft-BGS										
15												
20												
25												
30												

PROJECT: Durham Parks Waste Delineation			BORING LOG: WD-28								
Northgate Park											
S&ME Project No. 23050630											
DATE DRILLED:		Monday, November 4, 2024		BORING DEPTH (FT):		10					
DRILL RIG:		Geoprobe 7822 DT		WATER LEVEL:							
DRILLER:		Quantex		CAVE-IN DEPTH:							
HAMMER TYPE:		Not Applicable		LOGGED BY:		Emily Hermann					
SAMPLING METHOD:				NORTHING:							
DRILLING METHOD:		DPT		EASTING:							
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION		WATER LEVEL	SAMPLE	PID READING (PPM)	LABORATORY ANALYSES	Sample Time / 1st 6in	2nd 6in	3rd 6in	N VALUE
		Incinerator waste, Black, Clay, Gray, Moist,									
5		Clay, Gray, Moist,									
10		Boring Terminated at 10 Ft-BGS									
15											
20											
25											
30											

PROJECT: Durham Parks Waste Delineation			BORING LOG: WD-29								
Northgate Park											
S&ME Project No. 23050630											
DATE DRILLED:		Monday, November 4, 2024		BORING DEPTH (FT):		10					
DRILL RIG:		Geoprobe 7822 DT		WATER LEVEL:							
DRILLER:		Quantex		CAVE-IN DEPTH:							
HAMMER TYPE:		Not Applicable		LOGGED BY:		Emily Hermann					
SAMPLING METHOD:				NORTHING:							
DRILLING METHOD:		DPT		EASTING:							
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION		WATER LEVEL	SAMPLE	PID READING (PPM)	LABORATORY ANALYSES	Sample Time / 1st 6in	2nd 6in	3rd 6in	N VALUE
		Clay, Gray, Brown, Moist,									
5		Clay, Gray, Brown, Moist,									
10		Boring Terminated at 10 Ft-BGS									
15											
20											
25											
30											

PROJECT:			Durham Parks Waste Delineation			BORING LOG: WD-30						
			Northgate Park									
			S&ME Project No. 23050630									
DATE DRILLED:		Monday, November 4, 2024			BORING DEPTH (FT):		5					
DRILL RIG:		Geoprobe 7822 DT			WATER LEVEL:							
DRILLER:		Quantex			CAVE-IN DEPTH:							
HAMMER TYPE:		Not Applicable			LOGGED BY:		Emily Hermann					
SAMPLING METHOD:					NORTHING:							
DRILLING METHOD:		DPT			EASTING:							
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION			WATER LEVEL	SAMPLE	PID READING (PPM)	LABORATORY ANALYSES	Sample Time / 1st 6in	2nd 6in	3rd 6in	N VALUE
		Sandy Clay, Brown, Moist,										
		Clay, Brown, Moist,										
5		Boring Terminated at 5 Ft-BGS										
10												
15												
20												
25												
30												

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PROJECT: Durham Parks Waste Delineation			BORING LOG: WD-32									
Northgate Park												
S&ME Project No. 23050630												
DATE DRILLED:		Monday, November 4, 2024		BORING DEPTH (FT):		10						
DRILL RIG:		Geoprobe 7822 DT		WATER LEVEL:								
DRILLER:		Quantex		CAVE-IN DEPTH:								
HAMMER TYPE:		Not Applicable		LOGGED BY:		Emily Hermann						
SAMPLING METHOD:				NORTHING:								
DRILLING METHOD:		DPT		EASTING:								
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION			WATER LEVEL	SAMPLE	PID READING (PPM)	LABORATORY ANALYSES	Sample Time / 1st 6in	2nd 6in	3rd 6in	N VALUE
		Fill, Incinerator waste (Glass, ceramics), Black, Clay, Brown,										
5		Clay, Gray, Brown,										
10		Boring Terminated at 10 Ft-BGS										
15												
20												
25												
30												

PROJECT: Durham Parks Waste Delineation			BORING LOG: WD-33							
Northgate Park										
S&ME Project No. 23050630										
DATE DRILLED:	Monday, November 4, 2024		BORING DEPTH (FT):	10						
DRILL RIG:	Geoprobe 7822 DT		WATER LEVEL:							
DRILLER:	Quantex		CAVE-IN DEPTH:							
HAMMER TYPE:	Not Applicable		LOGGED BY:	Emily Hermann						
SAMPLING METHOD:			NORTHING:							
DRILLING METHOD:	DPT		EASTING:							
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION	WATER LEVEL	SAMPLE	PID READING (PPM)	LABORATORY ANALYSES	Sample Time / 1st 6in	2nd 6in	3rd 6in	N VALUE
		Silty Sand, Tan, Brown, Dry,								
5		Clay, Brown, Gray, Moist,								
10		Boring Terminated at 10 Ft-BGS								
15										
20										
25										
30										

PROJECT: Durham Parks Waste Delineation					Northgate Park S&ME Project No. 23050630					BORING LOG: WD-34				
DATE DRILLED:		Monday, November 4, 2024					BORING DEPTH (FT):		10					
DRILL RIG:		Geoprobe 7822 DT					WATER LEVEL:							
DRILLER:		Quantex					CAVE-IN DEPTH:							
HAMMER TYPE:		Not Applicable					LOGGED BY:		Emily Hermann					
SAMPLING METHOD:							NORTHING:							
DRILLING METHOD:		DPT					EASTING:							
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION					WATER LEVEL	SAMPLE	PID READING (PPM)	LABORATORY ANALYSES	Sample Time / 1st 6in	2nd 6in	3rd 6in	N VALUE
		Fill, Incinerator waste (glass), Black, Sandy Clay, Tan,												
5		Clay, Brown, Gray, Moist,												
10		Boring Terminated at 10 Ft-BGS												
15														
20														
25														
30														

PROJECT:			Durham Parks Waste Delineation			BORING LOG: WD-35							
			Northgate Park										
			S&ME Project No. 23050630										
DATE DRILLED:		Monday, November 4, 2024			BORING DEPTH (FT):		10						
DRILL RIG:		Geoprobe 7822 DT			WATER LEVEL:								
DRILLER:		Quantex			CAVE-IN DEPTH:								
HAMMER TYPE:		Not Applicable			LOGGED BY:		Emily Hermann						
SAMPLING METHOD:					NORTHING:								
DRILLING METHOD:		DPT			EASTING:								
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION				WATER LEVEL	SAMPLE	PID READING (PPM)	LABORATORY ANALYSES	Sample Time / 1st 6in	2nd 6in	3rd 6in	N VALUE
		Fill, Incinerator waste (ceramics), Black, White, Sandy Clay, Brown, Dry,											
5		Clay, Brown, Gray, Moist,											
10		Boring Terminated at 10 Ft-BGS											
15													
20													
25													
30													

PROJECT:			Durham Parks Waste Delineation			BORING LOG: WD-36							
			Northgate Park										
			S&ME Project No. 23050630										
DATE DRILLED:		Monday, November 4, 2024			BORING DEPTH (FT):		10						
DRILL RIG:		Geoprobe 7822 DT			WATER LEVEL:								
DRILLER:		Quantex			CAVE-IN DEPTH:								
HAMMER TYPE:		Not Applicable			LOGGED BY:		Emily Hermann						
SAMPLING METHOD:					NORTHING:								
DRILLING METHOD:		DPT			EASTING:								
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION				WATER LEVEL	SAMPLE	PID READING (PPM)	LABORATORY ANALYSES	Sample Time / 1st 6in	2nd 6in	3rd 6in	N VALUE
		Fill, Incinerator waste (ceramics), Black, White, Clay, Brown, Moist,											
5													
10		Boring Terminated at 10 Ft-BGS											
15													
20													
25													
30													

PROJECT: Durham Parks Waste Delineation Northgate Park S&ME Project No. 23050630			BORING LOG: WD-37									
DATE DRILLED:		Monday, November 4, 2024		BORING DEPTH (FT):		10						
DRILL RIG:		Geoprobe 7822 DT		WATER LEVEL:								
DRILLER:		Quantex		CAVE-IN DEPTH:								
HAMMER TYPE:		Not Applicable		LOGGED BY:		Emily Hermann						
SAMPLING METHOD:				NORTHING:								
DRILLING METHOD:		DPT		EASTING:								
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION			WATER LEVEL	SAMPLE	PID READING (PPM)	LABORATORY ANALYSES	Sample Time / 1st 6in	2nd 6in	3rd 6in	N VALUE
		Silty Sand, Brown, Dry,										
5		Clay, Brown, Moist,										
10		Boring Terminated at 10 Ft-BGS										
15												
20												
25												
30												

PROJECT: Durham Parks Waste Delineation			Northgate Park S&ME Project No. 23050630			BORING LOG: WD-38							
DATE DRILLED:		Monday, November 4, 2024			BORING DEPTH (FT):		10						
DRILL RIG:		Geoprobe 7822 DT			WATER LEVEL:								
DRILLER:		Quantex			CAVE-IN DEPTH:								
HAMMER TYPE:		Not Applicable			LOGGED BY:		Emily Hermann						
SAMPLING METHOD:					NORTHING:								
DRILLING METHOD:		DPT			EASTING:								
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION				WATER LEVEL	SAMPLE	PID READING (PPM)	LABORATORY ANALYSES	Sample Time / 1st 6in	2nd 6in	3rd 6in	N VALUE
		Fill, Incinerator waste (glass), Black, Silty Clay, Brown, Moist,											
5		Clay, Gray, Brown, Moist,											
10		Boring Terminated at 10 Ft-BGS											
15													
20													
25													
30													

PROJECT: Durham Parks Waste Delineation			BORING LOG: WD-39								
Northgate Park											
S&ME Project No. 23050630											
DATE DRILLED:		Monday, November 4, 2024		BORING DEPTH (FT):		10					
DRILL RIG:		Geoprobe 7822 DT		WATER LEVEL:							
DRILLER:		Quantex		CAVE-IN DEPTH:							
HAMMER TYPE:		Not Applicable		LOGGED BY:		Emily Hermann					
SAMPLING METHOD:				NORTHING:							
DRILLING METHOD:		DPT		EASTING:							
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION		WATER LEVEL	SAMPLE	PID READING (PPM)	LABORATORY ANALYSES	Sample Time / 1st 6in	2nd 6in	3rd 6in	N VALUE
		Fill, Incinerator waste (ceramic), Black, Silty Clay, Brown,									
5		Clay, Brown, Gray, Moist,									
10		Boring Terminated at 10 Ft-BGS									
15											
20											
25											
30											

PROJECT: Durham Parks Waste Delineation			BORING LOG: WD-40								
Northgate Park											
S&ME Project No. 23050630											
DATE DRILLED:		Monday, November 4, 2024		BORING DEPTH (FT):		10					
DRILL RIG:		Geoprobe 7822 DT		WATER LEVEL:							
DRILLER:		Quantex		CAVE-IN DEPTH:							
HAMMER TYPE:		Not Applicable		LOGGED BY:		Emily Hermann					
SAMPLING METHOD:				NORTHING:							
DRILLING METHOD:		DPT		EASTING:							
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION		WATER LEVEL	SAMPLE	PID READING (PPM)	LABORATORY ANALYSES	Sample Time / 1st 6in	2nd 6in	3rd 6in	N VALUE
		Sandy Silt, Brown,									
		Fill, Incinerator waste, Black,									
		Clay, Brown,									
5		Clay, Gray, Brown, Moist,									
10		Boring Terminated at 10 Ft-BGS									
15											
20											
25											
30											

PROJECT:			Durham Parks Waste Delineation			BORING LOG: WD-41							
			Northgate Park										
			S&ME Project No. 23050630										
DATE DRILLED:		Monday, November 4, 2024			BORING DEPTH (FT):		10						
DRILL RIG:		Geoprobe 7822 DT			WATER LEVEL:								
DRILLER:		Quantex			CAVE-IN DEPTH:								
HAMMER TYPE:		Not Applicable			LOGGED BY:		Emily Hermann						
SAMPLING METHOD:					NORTHING:								
DRILLING METHOD:		DPT			EASTING:								
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION				WATER LEVEL	SAMPLE	PID READING (PPM)	LABORATORY ANALYSES	Sample Time / 1st 6in	2nd 6in	3rd 6in	N VALUE
		Fill, Incinerator waste, Black,											
		Sandy Clay, Brown, Moist,											
5													
10		Boring Terminated at 10 Ft-BGS											
15													
20													
25													
30													

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PROJECT: Durham Parks Waste Delineation			BORING LOG: WD-44									
Northgate Park												
S&ME Project No. 23050630												
DATE DRILLED:		Tuesday, November 5, 2024			BORING DEPTH (FT):			5				
DRILL RIG:		Geoprobe 7822 DT			WATER LEVEL:							
DRILLER:		Quantex			CAVE-IN DEPTH:							
HAMMER TYPE:		Not Applicable			LOGGED BY:			Emily Hermann				
SAMPLING METHOD:					NORTHING:							
DRILLING METHOD:		DPT			EASTING:							
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION			WATER LEVEL	SAMPLE	PID READING (PPM)	LABORATORY ANALYSES	Sample Time / 1st 6in	2nd 6in	3rd 6in	N VALUE
		Fill, Incinerator waste, Black, Clay, Tan, Moist,										
5		Boring Terminated at 5 Ft-BGS										
10												
15												
20												
25												
30												

PROJECT: Durham Parks Waste Delineation Northgate Park S&ME Project No. 23050630			BORING LOG: WD-45									
DATE DRILLED:		Tuesday, November 5, 2024		BORING DEPTH (FT):		5						
DRILL RIG:		Geoprobe 7822 DT		WATER LEVEL:								
DRILLER:		Quantex		CAVE-IN DEPTH:								
HAMMER TYPE:		Not Applicable		LOGGED BY:		Emily Hermann						
SAMPLING METHOD:				NORTHING:								
DRILLING METHOD:		DPT		EASTING:								
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION			WATER LEVEL	SAMPLE	PID READING (PPM)	LABORATORY ANALYSES	Sample Time / 1st 6in	2nd 6in	3rd 6in	N VALUE
5		Fill, Incinerator waste (glass), Black, Clay, Tan, Moist,										
		Boring Terminated at 5 Ft-BGS										
10												
15												
20												
25												
30												

[illegible]

PROJECT:			Durham Parks Waste Delineation			BORING LOG: WD-47						
			Northgate Park									
			S&ME Project No. 23050630									
DATE DRILLED:		Tuesday, November 5, 2024			BORING DEPTH (FT):		5					
DRILL RIG:		Geoprobe 7822 DT			WATER LEVEL:							
DRILLER:		Quantex			CAVE-IN DEPTH:							
HAMMER TYPE:		Not Applicable			LOGGED BY:		Emily Hermann					
SAMPLING METHOD:					NORTHING:							
DRILLING METHOD:		DPT			EASTING:							
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION			WATER LEVEL	SAMPLE	PID READING (PPM)	LABORATORY ANALYSES	Sample Time / 1st 6in	2nd 6in	3rd 6in	N VALUE
		Silty Clay, Brown, Moist,										
5		Boring Terminated at 5 Ft-BGS										
10												
15												
20												
25												
30												

PROJECT: Durham Parks Waste Delineation Northgate Park S&ME Project No. 23050630			BORING LOG: WD-48									
DATE DRILLED:		Tuesday, November 5, 2024		BORING DEPTH (FT):		5						
DRILL RIG:		Geoprobe 7822 DT		WATER LEVEL:								
DRILLER:		Quantex		CAVE-IN DEPTH:								
HAMMER TYPE:		Not Applicable		LOGGED BY:		Emily Hermann						
SAMPLING METHOD:				NORTHING:								
DRILLING METHOD:		DPT		EASTING:								
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION			WATER LEVEL	SAMPLE	PID READING (PPM)	LABORATORY ANALYSES	Sample Time / 1st 6in	2nd 6in	3rd 6in	N VALUE
5		Fill, Incinerator waste (glass), Black, Clay, Brown,										
		Boring Terminated at 5 Ft-BGS										
10												
15												
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PROJECT: Durham Parks Waste Delineation Northgate Park S&ME Project No. 23050630			BORING LOG: WD-49									
DATE DRILLED:		Tuesday, November 5, 2024		BORING DEPTH (FT):		5						
DRILL RIG:		Geoprobe 7822 DT		WATER LEVEL:								
DRILLER:		Quantex		CAVE-IN DEPTH:								
HAMMER TYPE:		Not Applicable		LOGGED BY:		Emily Hermann						
SAMPLING METHOD:				NORTHING:								
DRILLING METHOD:		DPT		EASTING:								
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION			WATER LEVEL	SAMPLE	PID READING (PPM)	LABORATORY ANALYSES	Sample Time / 1st 6in	2nd 6in	3rd 6in	N VALUE
		Fill, Incinerator waste, Black,										
		Sandy Clay, Brown, Moist,										
5		Boring Terminated at 5 Ft-BGS										
10												
15												
20												
25												
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PROJECT:			Durham Parks Waste Delineation			BORING LOG: WD-50							
			Northgate Park										
			S&ME Project No. 23050630										
DATE DRILLED:		Tuesday, November 5, 2024			BORING DEPTH (FT):		5						
DRILL RIG:		Geoprobe 7822 DT			WATER LEVEL:								
DRILLER:		Quantex			CAVE-IN DEPTH:								
HAMMER TYPE:		Not Applicable			LOGGED BY:		Emily Hermann						
SAMPLING METHOD:					NORTHING:								
DRILLING METHOD:		DPT			EASTING:								
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION				WATER LEVEL	SAMPLE	PID READING (PPM)	LABORATORY ANALYSES	Sample Time / 1st 6in	2nd 6in	3rd 6in	N VALUE
5		Fill, Incinerator waste (glass), Black,											
		Clay, Tan, Moist,											
		Boring Terminated at 5 Ft-BGS											
10													
15													
20													
25													
30													

PROJECT:			Durham Parks Waste Delineation			BORING LOG: WD-51							
			Northgate Park										
			S&ME Project No. 23050630										
DATE DRILLED:		Tuesday, November 5, 2024			BORING DEPTH (FT):		5						
DRILL RIG:		Geoprobe 7822 DT			WATER LEVEL:								
DRILLER:		Quantex			CAVE-IN DEPTH:								
HAMMER TYPE:		Not Applicable			LOGGED BY:		Emily Hermann						
SAMPLING METHOD:					NORTHING:								
DRILLING METHOD:		DPT			EASTING:								
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION				WATER LEVEL	SAMPLE	PID READING (PPM)	LABORATORY ANALYSES	Sample Time / 1st 6in	2nd 6in	3rd 6in	N VALUE
		Fill, Incinerator waste (glass), Black, Clay, Tan,											
5		Boring Terminated at 5 Ft-BGS											
10													
15													
20													
25													
30													

PROJECT:		Durham Parks Waste Delineation			BORING LOG: WD-52							
		Northgate Park										
		S&ME Project No. 23050630										
DATE DRILLED:		Tuesday, November 5, 2024			BORING DEPTH (FT):		10					
DRILL RIG:		Geoprobe 7822 DT			WATER LEVEL:							
DRILLER:		Quantex			CAVE-IN DEPTH:							
HAMMER TYPE:		Not Applicable			LOGGED BY:		Emily Hermann					
SAMPLING METHOD:					NORTHING:							
DRILLING METHOD:		DPT			EASTING:							
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION			WATER LEVEL	SAMPLE	PID READING (PPM)	LABORATORY ANALYSES	Sample Time / 1st 6in	2nd 6in	3rd 6in	N VALUE
		Silty Sand, Brown, Moist,										
5		Sandy Clay, Brown, Wet,										
10		Boring Terminated at 10 Ft-BGS										
15												
20												
25												
30												

PROJECT:			Durham Parks Waste Delineation			BORING LOG: WD-53						
			Northgate Park									
			S&ME Project No. 23050630									
DATE DRILLED:		Tuesday, November 5, 2024			BORING DEPTH (FT):		1					
DRILL RIG:		Geoprobe 7822 DT			WATER LEVEL:							
DRILLER:		Quantex			CAVE-IN DEPTH:							
HAMMER TYPE:		Not Applicable			LOGGED BY:		Emily Hermann					
SAMPLING METHOD:					NORTHING:							
DRILLING METHOD:		DPT			EASTING:							
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION			WATER LEVEL	SAMPLE	PID READING (PPM)	LABORATORY ANALYSES	Sample Time / 1st 6in	2nd 6in	3rd 6in	N VALUE
		Silty Clay, Brown,										
		Clay, Brown,										
		Boring Terminated at 1 Ft-BGS										
5												
10												
15												
20												
25												
30												

PROJECT:		Durham Parks Waste Delineation			BORING LOG: WD-54							
		Northgate Park										
		S&ME Project No. 23050630										
DATE DRILLED:		Tuesday, November 5, 2024			BORING DEPTH (FT):		1					
DRILL RIG:		Geoprobe 7822 DT			WATER LEVEL:							
DRILLER:		Quantex			CAVE-IN DEPTH:							
HAMMER TYPE:		Not Applicable			LOGGED BY:		Emily Hermann					
SAMPLING METHOD:					NORTHING:							
DRILLING METHOD:		DPT			EASTING:							
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION			WATER LEVEL	SAMPLE	PID READING (PPM)	LABORATORY ANALYSES	Sample Time / 1st 6in	2nd 6in	3rd 6in	N VALUE
		Silty Sand, Tan,										
		Fill, Incinerator waste (ceramics), Black,										
		Boring Terminated at 1 Ft-BGS										
5												
10												
15												
20												
25												
30												

PROJECT: Durham Parks Waste Delineation Northgate Park S&ME Project No. 23050630			BORING LOG: WD-55									
DATE DRILLED:		Tuesday, November 5, 2024		BORING DEPTH (FT):		5						
DRILL RIG:		Geoprobe 7822 DT		WATER LEVEL:								
DRILLER:		Quantex		CAVE-IN DEPTH:								
HAMMER TYPE:		Not Applicable		LOGGED BY:		Emily Hermann						
SAMPLING METHOD:				NORTHING:								
DRILLING METHOD:		DPT		EASTING:								
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION			WATER LEVEL	SAMPLE	PID READING (PPM)	LABORATORY ANALYSES	Sample Time / 1st 6in	2nd 6in	3rd 6in	N VALUE
5		Fill, Incinerator waste (glass), Black, Clay, Tan, Moist,										
		Boring Terminated at 5 Ft-BGS										
10												
15												
20												
25												
30												

PROJECT:			Durham Parks Waste Delineation			BORING LOG: WD-56						
			Northgate Park									
			S&ME Project No. 23050630									
DATE DRILLED:		Tuesday, November 5, 2024			BORING DEPTH (FT):		5					
DRILL RIG:		Geoprobe 7822 DT			WATER LEVEL:							
DRILLER:		Quantex			CAVE-IN DEPTH:							
HAMMER TYPE:		Not Applicable			LOGGED BY:		Emily Hermann					
SAMPLING METHOD:					NORTHING:							
DRILLING METHOD:		DPT			EASTING:							
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION			WATER LEVEL	SAMPLE	PID READING (PPM)	LABORATORY ANALYSES	Sample Time / 1st 6in	2nd 6in	3rd 6in	N VALUE
5		Sandy Clay, Brown, Moist,										
		Boring Terminated at 5 Ft-BGS										
10												
15												
20												
25												
30												

PROJECT:			Durham Parks Waste Delineation			BORING LOG: WD-57							
			Northgate Park										
			S&ME Project No. 23050630										
DATE DRILLED:		Tuesday, November 5, 2024			BORING DEPTH (FT):		5						
DRILL RIG:		Geoprobe 7822 DT			WATER LEVEL:								
DRILLER:		Quantex			CAVE-IN DEPTH:								
HAMMER TYPE:		Not Applicable			LOGGED BY:		Emily Hermann						
SAMPLING METHOD:					NORTHING:								
DRILLING METHOD:		DPT			EASTING:								
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION				WATER LEVEL	SAMPLE	PID READING (PPM)	LABORATORY ANALYSES	Sample Time / 1st 6in	2nd 6in	3rd 6in	N VALUE
		Silty Clay, Brown, Moist,											
5		Boring Terminated at 5 Ft-BGS											
10													
15													
20													
25													
30													

PROJECT:			Durham Parks Waste Delineation			BORING LOG: WD-58						
			Northgate Park									
			S&ME Project No. 23050630									
DATE DRILLED:		Tuesday, November 5, 2024			BORING DEPTH (FT):		5					
DRILL RIG:		Geoprobe 7822 DT			WATER LEVEL:							
DRILLER:		Quantex			CAVE-IN DEPTH:							
HAMMER TYPE:		Not Applicable			LOGGED BY:		Emily Hermann					
SAMPLING METHOD:					NORTHING:							
DRILLING METHOD:		DPT			EASTING:							
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION			WATER LEVEL	SAMPLE	PID READING (PPM)	LABORATORY ANALYSES	Sample Time / 1st 6in	2nd 6in	3rd 6in	N VALUE
		Fill, Incinerator waste (glass), Black, Clay, Tan, Moist,										
5		Boring Terminated at 5 Ft-BGS										
10												
15												
20												
25												
30												

PROJECT: Durham Parks Waste Delineation			BORING LOG: WD-59								
Northgate Park											
S&ME Project No. 23050630											
DATE DRILLED:		Tuesday, November 5, 2024		BORING DEPTH (FT):		5					
DRILL RIG:		Geoprobe 7822 DT		WATER LEVEL:							
DRILLER:		Quantex		CAVE-IN DEPTH:							
HAMMER TYPE:		Not Applicable		LOGGED BY:		Emily Hermann					
SAMPLING METHOD:				NORTHING:							
DRILLING METHOD:		DPT		EASTING:							
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION		WATER LEVEL	SAMPLE	PID READING (PPM)	LABORATORY ANALYSES	Sample Time / 1st 6in	2nd 6in	3rd 6in	N VALUE
5		Sandy Silt, Tan,									
		Fill, Incinerator waste (ash, glass), Black,									
		Sandy Clay, Tan, Moist,									
		Boring Terminated at 5 Ft-BGS									
10											
15											
20											
25											
30											

PROJECT:			Durham Parks Waste Delineation			BORING LOG: WD-60							
			Northgate Park										
			S&ME Project No. 23050630										
DATE DRILLED:		Tuesday, November 5, 2024			BORING DEPTH (FT):		5						
DRILL RIG:		Geoprobe 7822 DT			WATER LEVEL:								
DRILLER:		Quantex			CAVE-IN DEPTH:								
HAMMER TYPE:		Not Applicable			LOGGED BY:		Emily Hermann						
SAMPLING METHOD:					NORTHING:								
DRILLING METHOD:		DPT			EASTING:								
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION				WATER LEVEL	SAMPLE	PID READING (PPM)	LABORATORY ANALYSES	Sample Time / 1st 6in	2nd 6in	3rd 6in	N VALUE
5		Sandy Silt, Tan,											
		Fill, Incinerator waste (glass, ash), Black,											
		Sandy Silt, Tan,											
		Boring Terminated at 5 Ft-BGS											
10													
15													
20													
25													
30													

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PROJECT:		Durham Parks Waste Delineation			BORING LOG: WD-62							
		Northgate Park										
		S&ME Project No. 23050630										
DATE DRILLED:		Tuesday, November 5, 2024			BORING DEPTH (FT):		10					
DRILL RIG:		Geoprobe 7822 DT			WATER LEVEL:							
DRILLER:		Quantex			CAVE-IN DEPTH:							
HAMMER TYPE:		Not Applicable			LOGGED BY:		Emily Hermann					
SAMPLING METHOD:					NORTHING:							
DRILLING METHOD:		DPT			EASTING:							
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION			WATER LEVEL	SAMPLE	PID READING (PPM)	LABORATORY ANALYSES	Sample Time / 1st 6in	2nd 6in	3rd 6in	N VALUE
		Sandy Silt, Brown, Dry,										
5		Clay, Stiff, Brown, Moist,										
10		Boring Terminated at 10 Ft-BGS										
15												
20												
25												
30												

PROJECT:			Durham Parks Waste Delineation			BORING LOG: WD-63							
			Northgate Park S&ME Project No. 23050630										
DATE DRILLED:		Tuesday, November 5, 2024			BORING DEPTH (FT):		10						
DRILL RIG:		Geoprobe 7822 DT			WATER LEVEL:								
DRILLER:		Quantex			CAVE-IN DEPTH:								
HAMMER TYPE:		Not Applicable			LOGGED BY:		Emily Hermann						
SAMPLING METHOD:					NORTHING:								
DRILLING METHOD:		DPT			EASTING:								
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION				WATER LEVEL	SAMPLE	PID READING (PPM)	LABORATORY ANALYSES	Sample Time / 1st 6in	2nd 6in	3rd 6in	N VALUE
		Topsoil, Brown, Dry,											
		Fill, Incinerator waste (glass, black melted pieces), Black, Dry,											
5		Clay, Gray, Moist,											
10		Boring Terminated at 10 Ft-BGS											
15													
20													
25													
30													

PROJECT: Durham Parks Waste Delineation Northgate Park S&ME Project No. 23050630			BORING LOG: WD-64									
DATE DRILLED:		Tuesday, November 5, 2024		BORING DEPTH (FT):		5						
DRILL RIG:		Geoprobe 7822 DT		WATER LEVEL:								
DRILLER:		Quantex		CAVE-IN DEPTH:								
HAMMER TYPE:		Not Applicable		LOGGED BY:		Emily Hermann						
SAMPLING METHOD:				NORTHING:								
DRILLING METHOD:		DPT		EASTING:								
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION			WATER LEVEL	SAMPLE	PID READING (PPM)	LABORATORY ANALYSES	Sample Time / 1st 6in	2nd 6in	3rd 6in	N VALUE
		Topsoil, Brown, Dry,										
		Fill, Incinerator waste (glass, black pieces), Black,										
		Silty Clay, Brown, Dry,										
5		Boring Terminated at 5 Ft-BGS										
10												
15												
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PROJECT:			Durham Parks Waste Delineation			BORING LOG: WD-66						
			Northgate Park									
			S&ME Project No. 23050630									
DATE DRILLED:		Tuesday, November 5, 2024			BORING DEPTH (FT):		10					
DRILL RIG:		Geoprobe 7822 DT			WATER LEVEL:							
DRILLER:		Quantex			CAVE-IN DEPTH:							
HAMMER TYPE:		Not Applicable			LOGGED BY:		Emily Hermann					
SAMPLING METHOD:					NORTHING:							
DRILLING METHOD:		DPT			EASTING:							
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION			WATER LEVEL	SAMPLE	PID READING (PPM)	LABORATORY ANALYSES	Sample Time / 1st 6in	2nd 6in	3rd 6in	N VALUE
		Silty Clay, Brown, Moist,										
5		Clay, Brown, Moist,										
10		Boring Terminated at 10 Ft-BGS										
15												
20												
25												
30												

PROJECT: Durham Parks Waste Delineation Northgate Park S&ME Project No. 23050630			BORING LOG: WD-67									
DATE DRILLED:		Tuesday, November 5, 2024		BORING DEPTH (FT):		10						
DRILL RIG:		Geoprobe 7822 DT		WATER LEVEL:								
DRILLER:		Quantex		CAVE-IN DEPTH:								
HAMMER TYPE:		Not Applicable		LOGGED BY:		Emily Hermann						
SAMPLING METHOD:				NORTHING:								
DRILLING METHOD:		DPT		EASTING:								
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION			WATER LEVEL	SAMPLE	PID READING (PPM)	LABORATORY ANALYSES	Sample Time / 1st 6in	2nd 6in	3rd 6in	N VALUE
		Silty Sand, Brown, Moist,										
5		Clay, Brown, Moist,										
10		Boring Terminated at 10 Ft-BGS										
15												
20												
25												
30												

PROJECT: Durham Parks Waste Delineation Northgate Park S&ME Project No. 23050630			BORING LOG: WD-68									
DATE DRILLED:		Tuesday, November 5, 2024		BORING DEPTH (FT):		5						
DRILL RIG:		Geoprobe 7822 DT		WATER LEVEL:								
DRILLER:		Quantex		CAVE-IN DEPTH:								
HAMMER TYPE:		Not Applicable		LOGGED BY:		Emily Hermann						
SAMPLING METHOD:				NORTHING:								
DRILLING METHOD:		DPT		EASTING:								
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION			WATER LEVEL	SAMPLE	PID READING (PPM)	LABORATORY ANALYSES	Sample Time / 1st 6in	2nd 6in	3rd 6in	N VALUE
		Topsoil, Brown, Moist,										
		Fill, Incinerator waste (glass, ash), Black,										
		Clay, Brown, Moist,										
5		Boring Terminated at 5 Ft-BGS										
10												
15												
20												
25												
30												

[illegible]

PROJECT:			Durham Parks Waste Delineation			BORING LOG: WD-70							
			Northgate Park										
			S&ME Project No. 23050630										
DATE DRILLED:		Tuesday, November 5, 2024			BORING DEPTH (FT):		5						
DRILL RIG:		Geoprobe 7822 DT			WATER LEVEL:								
DRILLER:		Quantex			CAVE-IN DEPTH:								
HAMMER TYPE:		Not Applicable			LOGGED BY:		Emily Hermann						
SAMPLING METHOD:					NORTHING:								
DRILLING METHOD:		DPT			EASTING:								
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION				WATER LEVEL	SAMPLE	PID READING (PPM)	LABORATORY ANALYSES	Sample Time / 1st 6in	2nd 6in	3rd 6in	N VALUE
5		Fill, Incinerator waste (glass, ash), Black,											
		Clay, Brown, Moist,											
		Boring Terminated at 5 Ft-BGS											
10													
15													
20													
25													
30													

PROJECT:			Durham Parks Waste Delineation			BORING LOG: WD-71						
			Northgate Park									
			S&ME Project No. 23050630									
DATE DRILLED:		Tuesday, November 5, 2024			BORING DEPTH (FT):		5					
DRILL RIG:		Geoprobe 7822 DT			WATER LEVEL:							
DRILLER:		Quantex			CAVE-IN DEPTH:							
HAMMER TYPE:		Not Applicable			LOGGED BY:		Emily Hermann					
SAMPLING METHOD:					NORTHING:							
DRILLING METHOD:		DPT			EASTING:							
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION			WATER LEVEL	SAMPLE	PID READING (PPM)	LABORATORY ANALYSES	Sample Time / 1st 6in	2nd 6in	3rd 6in	N VALUE
		Clay, Brown, Some Glass, Moist,										
5		Boring Terminated at 5 Ft-BGS										
10												
15												
20												
25												
30												

PROJECT:			Durham Parks Waste Delineation			BORING LOG: WD-72							
			Northgate Park										
			S&ME Project No. 23050630										
DATE DRILLED:		Tuesday, November 5, 2024			BORING DEPTH (FT):		10						
DRILL RIG:		Geoprobe 7822 DT			WATER LEVEL:								
DRILLER:		Quantex			CAVE-IN DEPTH:								
HAMMER TYPE:		Not Applicable			LOGGED BY:		Emily Hermann						
SAMPLING METHOD:					NORTHING:								
DRILLING METHOD:		DPT			EASTING:								
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION				WATER LEVEL	SAMPLE	PID READING (PPM)	LABORATORY ANALYSES	Sample Time / 1st 6in	2nd 6in	3rd 6in	N VALUE
		Silty Clay, Brown, Moist,											
5		Clay, Stiff, Gray, Brown, Moist,											
10		Boring Terminated at 10 Ft-BGS											
15													
20													
25													
30													

PROJECT:			Durham Parks Waste Delineation			BORING LOG: WD-73							
			Northgate Park										
			S&ME Project No. 23050630										
DATE DRILLED:		Tuesday, November 5, 2024			BORING DEPTH (FT):		10						
DRILL RIG:		Geoprobe 7822 DT			WATER LEVEL:								
DRILLER:		Quantex			CAVE-IN DEPTH:								
HAMMER TYPE:		Not Applicable			LOGGED BY:		Emily Hermann						
SAMPLING METHOD:					NORTHING:								
DRILLING METHOD:		DPT			EASTING:								
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION				WATER LEVEL	SAMPLE	PID READING (PPM)	LABORATORY ANALYSES	Sample Time / 1st 6in	2nd 6in	3rd 6in	N VALUE
		Silty Sand, Orange, Brown, Moist,											
5		Clay, Gray, Brown, Moist,											
10		Boring Terminated at 10 Ft-BGS											
15													
20													
25													
30													

PROJECT:			Durham Parks Waste Delineation			BORING LOG: WD-74							
			Northgate Park										
			S&ME Project No. 23050630										
DATE DRILLED:		Tuesday, November 5, 2024			BORING DEPTH (FT):		10						
DRILL RIG:		Geoprobe 7822 DT			WATER LEVEL:								
DRILLER:		Quantex			CAVE-IN DEPTH:								
HAMMER TYPE:		Not Applicable			LOGGED BY:		Emily Hermann						
SAMPLING METHOD:					NORTHING:								
DRILLING METHOD:		DPT			EASTING:								
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION				WATER LEVEL	SAMPLE	PID READING (PPM)	LABORATORY ANALYSES	Sample Time / 1st 6in	2nd 6in	3rd 6in	N VALUE
		Topsoil, Brown, Moist,											
		Silty Clay, Brown, Moist,											
5		Clay, Brown, Gray, Moist,											
10		Boring Terminated at 10 Ft-BGS											

PROJECT:			Durham Parks Waste Delineation			BORING LOG: WD-75						
			Northgate Park									
			S&ME Project No. 23050630									
DATE DRILLED:		Tuesday, November 5, 2024			BORING DEPTH (FT):		5					
DRILL RIG:		Geoprobe 7822 DT			WATER LEVEL:							
DRILLER:		Quantex			CAVE-IN DEPTH:							
HAMMER TYPE:		Not Applicable			LOGGED BY:		Emily Hermann					
SAMPLING METHOD:					NORTHING:							
DRILLING METHOD:		DPT			EASTING:							
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION			WATER LEVEL	SAMPLE	PID READING (PPM)	LABORATORY ANALYSES	Sample Time / 1st 6in	2nd 6in	3rd 6in	N VALUE
		Silty Clay, Brown, Moist,										
5		Boring Terminated at 5 Ft-BGS										
10												
15												
20												
25												
30												

PROJECT:			Durham Parks Waste Delineation			BORING LOG: WD-76							
			Northgate Park										
			S&ME Project No. 23050630										
DATE DRILLED:		Tuesday, November 5, 2024			BORING DEPTH (FT):		5						
DRILL RIG:		Geoprobe 7822 DT			WATER LEVEL:								
DRILLER:		Quantex			CAVE-IN DEPTH:								
HAMMER TYPE:		Not Applicable			LOGGED BY:		Emily Hermann						
SAMPLING METHOD:					NORTHING:								
DRILLING METHOD:		DPT			EASTING:								
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION				WATER LEVEL	SAMPLE	PID READING (PPM)	LABORATORY ANALYSES	Sample Time / 1st 6in	2nd 6in	3rd 6in	N VALUE
		Silty Clay, Brown, Moist,											
5		Boring Terminated at 5 Ft-BGS											
10													
15													
20													
25													
30													

PROJECT:			Durham Parks Waste Delineation			BORING LOG: WD-77							
			Northgate Park										
			S&ME Project No. 23050630										
DATE DRILLED:		Tuesday, November 5, 2024			BORING DEPTH (FT):		5						
DRILL RIG:		Geoprobe 7822 DT			WATER LEVEL:								
DRILLER:		Quantex			CAVE-IN DEPTH:								
HAMMER TYPE:		Not Applicable			LOGGED BY:		Emily Hermann						
SAMPLING METHOD:					NORTHING:								
DRILLING METHOD:		DPT			EASTING:								
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION				WATER LEVEL	SAMPLE	PID READING (PPM)	LABORATORY ANALYSES	Sample Time / 1st 6in	2nd 6in	3rd 6in	N VALUE
		Silty Clay, Brown, Moist,											
5		Boring Terminated at 5 Ft-BGS											
10													
15													
20													
25													
30													

PROJECT: Durham Parks Waste Delineation Northgate Park S&ME Project No. 23050630			BORING LOG: WD-78									
DATE DRILLED:		Wednesday, November 6, 2024		BORING DEPTH (FT):		5						
DRILL RIG:		Geoprobe 7822 DT		WATER LEVEL:								
DRILLER:		Quantex		CAVE-IN DEPTH:								
HAMMER TYPE:		Not Applicable		LOGGED BY:		Emily Hermann						
SAMPLING METHOD:				NORTHING:								
DRILLING METHOD:		DPT		EASTING:								
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION			WATER LEVEL	SAMPLE	PID READING (PPM)	LABORATORY ANALYSES	Sample Time / 1st 6in	2nd 6in	3rd 6in	N VALUE
5		Topsoil, Brown, Dry,										
		Silty Clay, Brown, Moist,										
		Boring Terminated at 5 Ft-BGS										
10												
15												
20												
25												
30												

[illegible]

[illegible]

PROJECT: Durham Parks Waste Delineation Northgate Park S&ME Project No. 23050630			BORING LOG: WD-81									
DATE DRILLED:		Wednesday, November 6, 2024		BORING DEPTH (FT):		5						
DRILL RIG:		Geoprobe 7822 DT		WATER LEVEL:								
DRILLER:		Quantex		CAVE-IN DEPTH:								
HAMMER TYPE:		Not Applicable		LOGGED BY:		Emily Hermann						
SAMPLING METHOD:				NORTHING:								
DRILLING METHOD:		DPT		EASTING:								
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION			WATER LEVEL	SAMPLE	PID READING (PPM)	LABORATORY ANALYSES	Sample Time / 1st 6in	2nd 6in	3rd 6in	N VALUE
5		Topsoil, Brown,										
		Clay, Brown, Moist,										
		Boring Terminated at 5 Ft-BGS										
10												
15												
20												
25												
30												

PROJECT:			Durham Parks Waste Delineation			BORING LOG: WD-82						
			Northgate Park									
			S&ME Project No. 23050630									
DATE DRILLED:		Wednesday, November 6, 2024			BORING DEPTH (FT):		0.5					
DRILL RIG:		Geoprobe 7822 DT			WATER LEVEL:							
DRILLER:		Quantex			CAVE-IN DEPTH:							
HAMMER TYPE:		Not Applicable			LOGGED BY:		Emily Hermann					
SAMPLING METHOD:					NORTHING:							
DRILLING METHOD:		DPT			EASTING:							
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION			WATER LEVEL	SAMPLE	PID READING (PPM)	LABORATORY ANALYSES	Sample Time / 1st 6in	2nd 6in	3rd 6in	N VALUE
		Silty Clay, Brown, Moist,										
		Boring Terminated at 0.5 Ft-BGS										
5												
10												
15												
20												
25												
30												

PROJECT: Durham Parks Waste Delineation			Northgate Park S&ME Project No. 23050630			BORING LOG: WD-83							
DATE DRILLED:		Wednesday, November 6, 2024			BORING DEPTH (FT):		10						
DRILL RIG:		Geoprobe 7822 DT			WATER LEVEL:								
DRILLER:		Quantex			CAVE-IN DEPTH:								
HAMMER TYPE:		Not Applicable			LOGGED BY:		Emily Hermann						
SAMPLING METHOD:					NORTHING:								
DRILLING METHOD:		DPT			EASTING:								
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION				WATER LEVEL	SAMPLE	PID READING (PPM)	LABORATORY ANALYSES	Sample Time / 1st 6in	2nd 6in	3rd 6in	N VALUE
		Silty Sand, Brown, Moist,											
5		Sandy Clay, Gray, Brown, Moist,											
10		Boring Terminated at 10 Ft-BGS											
15													
20													
25													
30													

PROJECT: Durham Parks Waste Delineation Northgate Park S&ME Project No. 23050630			BORING LOG: WD-84									
DATE DRILLED:		Wednesday, November 6, 2024		BORING DEPTH (FT):		10						
DRILL RIG:		Geoprobe 7822 DT		WATER LEVEL:								
DRILLER:		Quantex		CAVE-IN DEPTH:								
HAMMER TYPE:		Not Applicable		LOGGED BY:		Emily Hermann						
SAMPLING METHOD:				NORTHING:								
DRILLING METHOD:		DPT		EASTING:								
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION			WATER LEVEL	SAMPLE	PID READING (PPM)	LABORATORY ANALYSES	Sample Time / 1st 6in	2nd 6in	3rd 6in	N VALUE
		Sandy Silt, Tan, Dry,										
		Silty Clay, Brown, Moist,										
		Clay, Tan, Brown, Moist,										
5		Clay, Stiff, Gray, Tan, Moist,										
10		Boring Terminated at 10 Ft-BGS										
15												
20												
25												
30												

[illegible]

PROJECT:			Durham Parks Waste Delineation			BORING LOG: WD-86						
			Northgate Park									
			S&ME Project No. 23050630									
DATE DRILLED:		Wednesday, November 6, 2024			BORING DEPTH (FT):		10					
DRILL RIG:		Geoprobe 7822 DT			WATER LEVEL:							
DRILLER:		Quantex			CAVE-IN DEPTH:							
HAMMER TYPE:		Not Applicable			LOGGED BY:		Emily Hermann					
SAMPLING METHOD:					NORTHING:							
DRILLING METHOD:		DPT			EASTING:							
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION			WATER LEVEL	SAMPLE	PID READING (PPM)	LABORATORY ANALYSES	Sample Time / 1st 6in	2nd 6in	3rd 6in	N VALUE
5		Silty Clay, Brown, Some Glass, Moist,										
		Clay, Brown, Gray, Little Glass, Moist,										
10		Sandy Clay, Brown, Moist,										
15		Boring Terminated at 10 Ft-BGS										
20												
25												
30												

PROJECT:		Durham Parks Waste Delineation			BORING LOG: WD-87							
		Northgate Park										
		S&ME Project No. 23050630										
DATE DRILLED:		Wednesday, November 6, 2024			BORING DEPTH (FT):		10					
DRILL RIG:		Geoprobe 7822 DT			WATER LEVEL:							
DRILLER:		Quantex			CAVE-IN DEPTH:							
HAMMER TYPE:		Not Applicable			LOGGED BY:		Emily Hermann					
SAMPLING METHOD:					NORTHING:							
DRILLING METHOD:		DPT			EASTING:							
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION			WATER LEVEL	SAMPLE	PID READING (PPM)	LABORATORY ANALYSES	Sample Time / 1st 6in	2nd 6in	3rd 6in	N VALUE
		Sandy Clay, Brown, Moist,										
5		Clay, Gray, Moist,										
10		Boring Terminated at 10 Ft-BGS										
15												
20												
25												
30												

[illegible]

PROJECT: Durham Parks Waste Delineation			Northgate Park			BORING LOG: WD-89						
S&ME Project No. 23050630												
DATE DRILLED:		Wednesday, November 6, 2024			BORING DEPTH (FT):		10					
DRILL RIG:		Geoprobe 7822 DT			WATER LEVEL:							
DRILLER:		Quantex			CAVE-IN DEPTH:							
HAMMER TYPE:		Not Applicable			LOGGED BY:		Emily Hermann					
SAMPLING METHOD:					NORTHING:							
DRILLING METHOD:		DPT			EASTING:							
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION			WATER LEVEL	SAMPLE	PID READING (PPM)	LABORATORY ANALYSES	Sample Time / 1st 6in	2nd 6in	3rd 6in	N VALUE
		Silty Clay, Brown, Moist,										
5		Sandy Clay, Brown, Moist,										
10		Boring Terminated at 10 Ft-BGS										
15												
20												
25												
30												

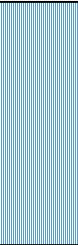
PROJECT:		Durham Parks Waste Delineation			BORING LOG: WD-90							
		Northgate Park										
		S&ME Project No. 23050630										
DATE DRILLED:		Wednesday, November 6, 2024			BORING DEPTH (FT):		10					
DRILL RIG:		Geoprobe 7822 DT			WATER LEVEL:							
DRILLER:		Quantex			CAVE-IN DEPTH:							
HAMMER TYPE:		Not Applicable			LOGGED BY:		Emily Hermann					
SAMPLING METHOD:					NORTHING:							
DRILLING METHOD:		DPT			EASTING:							
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION			WATER LEVEL	SAMPLE	PID READING (PPM)	LABORATORY ANALYSES	Sample Time / 1st 6in	2nd 6in	3rd 6in	N VALUE
		Silty Clay, Tan, Moist,										
5		Sandy Clay, Gray, Moist,										
10		Boring Terminated at 10 Ft-BGS										
15												
20												
25												
30												

PROJECT:			Durham Parks Waste Delineation										
			Northgate Park			BORING LOG: WD-91							
			S&ME Project No. 23050630										
DATE DRILLED:		Wednesday, November 6, 2024			BORING DEPTH (FT):		10						
DRILL RIG:		Geoprobe 7822 DT			WATER LEVEL:								
DRILLER:		Quantex			CAVE-IN DEPTH:								
HAMMER TYPE:		Not Applicable			LOGGED BY:		Emily Hermann						
SAMPLING METHOD:					NORTHING:								
DRILLING METHOD:		DPT			EASTING:								
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION				WATER LEVEL	SAMPLE	PID READING (PPM)	LABORATORY ANALYSES	Sample Time / 1st 6in	2nd 6in	3rd 6in	N VALUE
		Silty Sand, Brown, Gray, Trace Possible ash/glass,											
5		Clay, Gray, Moist,											
10		Boring Terminated at 10 Ft-BGS											
15													
20													
25													
30													

PROJECT: Durham Parks Waste Delineation			Northgate Park S&ME Project No. 23050630			BORING LOG: WD-92							
DATE DRILLED:		Wednesday, November 6, 2024			BORING DEPTH (FT):		10						
DRILL RIG:		Geoprobe 7822 DT			WATER LEVEL:								
DRILLER:		Quantex			CAVE-IN DEPTH:								
HAMMER TYPE:		Not Applicable			LOGGED BY:		Emily Hermann						
SAMPLING METHOD:					NORTHING:								
DRILLING METHOD:		DPT			EASTING:								
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION				WATER LEVEL	SAMPLE	PID READING (PPM)	LABORATORY ANALYSES	Sample Time / 1st 6in	2nd 6in	3rd 6in	N VALUE
		Sandy Clay, Brown, Moist,											
5		Silty Clay, Tan, Moist,											
10		Boring Terminated at 10 Ft-BGS											
15													
20													
25													
30													

PROJECT:			Durham Parks Waste Delineation										
			Northgate Park S&ME Project No. 23050630			BORING LOG: WD-93							
DATE DRILLED:		Wednesday, November 6, 2024			BORING DEPTH (FT):		10						
DRILL RIG:		Geoprobe 7822 DT			WATER LEVEL:								
DRILLER:		Quantex			CAVE-IN DEPTH:								
HAMMER TYPE:		Not Applicable			LOGGED BY:		Emily Hermann						
SAMPLING METHOD:					NORTHING:								
DRILLING METHOD:		DPT			EASTING:								
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION				WATER LEVEL	SAMPLE	PID READING (PPM)	LABORATORY ANALYSES	Sample Time / 1st 6in	2nd 6in	3rd 6in	N VALUE
		Sandy Clay, Brown,											
5		Clay, Stiff, Gray, Brown, Moist,											
10		Boring Terminated at 10 Ft-BGS											
15													
20													
25													
30													

[illegible]

PROJECT: Durham Parks Waste Delineation Northgate Park S&ME Project No. 23050630			BORING LOG: WD-95									
DATE DRILLED:		Wednesday, November 6, 2024		BORING DEPTH (FT):		5						
DRILL RIG:		Geoprobe 7822 DT		WATER LEVEL:								
DRILLER:		Quantex		CAVE-IN DEPTH:								
HAMMER TYPE:		Not Applicable		LOGGED BY:		Emily Hermann						
SAMPLING METHOD:				NORTHING:								
DRILLING METHOD:		DPT		EASTING:								
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION			WATER LEVEL	SAMPLE	PID READING (PPM)	LABORATORY ANALYSES	Sample Time / 1st 6in	2nd 6in	3rd 6in	N VALUE
5		Silty Clay, Brown, Moist,										
		Boring Terminated at 5 Ft-BGS										
10												
15												
20												
25												
30												

PROJECT:			Durham Parks Waste Delineation			BORING LOG: WD-96							
			Northgate Park										
			S&ME Project No. 23050630										
DATE DRILLED:		Wednesday, November 6, 2024			BORING DEPTH (FT):		5						
DRILL RIG:		Geoprobe 7822 DT			WATER LEVEL:								
DRILLER:		Quantex			CAVE-IN DEPTH:								
HAMMER TYPE:		Not Applicable			LOGGED BY:		Emily Hermann						
SAMPLING METHOD:					NORTHING:								
DRILLING METHOD:		DPT			EASTING:								
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION				WATER LEVEL	SAMPLE	PID READING (PPM)	LABORATORY ANALYSES	Sample Time / 1st 6in	2nd 6in	3rd 6in	N VALUE
		Silty Clay, Brown, Moist,											
5		Boring Terminated at 5 Ft-BGS											
10													
15													
20													
25													
30													

PROJECT:			Durham Parks Waste Delineation			BORING LOG: WD-97						
			Northgate Park									
			S&ME Project No. 23050630									
DATE DRILLED:		Wednesday, November 6, 2024			BORING DEPTH (FT):		5					
DRILL RIG:		Geoprobe 7822 DT			WATER LEVEL:							
DRILLER:		Quantex			CAVE-IN DEPTH:							
HAMMER TYPE:		Not Applicable			LOGGED BY:		Emily Hermann					
SAMPLING METHOD:					NORTHING:							
DRILLING METHOD:		DPT			EASTING:							
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION			WATER LEVEL	SAMPLE	PID READING (PPM)	LABORATORY ANALYSES	Sample Time / 1st 6in	2nd 6in	3rd 6in	N VALUE
5		Sandy Clay, Brown, Moist,										
		Boring Terminated at 5 Ft-BGS										
10												
15												
20												
25												
30												

PROJECT:			Durham Parks Waste Delineation			BORING LOG: WD-98						
			Northgate Park									
			S&ME Project No. 23050630									
DATE DRILLED:		Wednesday, November 6, 2024			BORING DEPTH (FT):		5					
DRILL RIG:		Geoprobe 7822 DT			WATER LEVEL:							
DRILLER:		Quantex			CAVE-IN DEPTH:							
HAMMER TYPE:		Not Applicable			LOGGED BY:		Emily Hermann					
SAMPLING METHOD:					NORTHING:							
DRILLING METHOD:		DPT			EASTING:							
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION			WATER LEVEL	SAMPLE	PID READING (PPM)	LABORATORY ANALYSES	Sample Time / 1st 6in	2nd 6in	3rd 6in	N VALUE
5		Sandy Clay, Brown, Moist,										
		Boring Terminated at 5 Ft-BGS										
10												
15												
20												
25												
30												

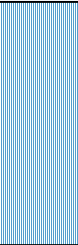
PROJECT:			Durham Parks Waste Delineation			BORING LOG: WD-99						
			Northgate Park									
			S&ME Project No. 23050630									
DATE DRILLED:		Wednesday, November 6, 2024			BORING DEPTH (FT):		5					
DRILL RIG:		Geoprobe 7822 DT			WATER LEVEL:							
DRILLER:		Quantex			CAVE-IN DEPTH:							
HAMMER TYPE:		Not Applicable			LOGGED BY:		Emily Hermann					
SAMPLING METHOD:					NORTHING:							
DRILLING METHOD:		DPT			EASTING:							
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION			WATER LEVEL	SAMPLE	PID READING (PPM)	LABORATORY ANALYSES	Sample Time / 1st 6in	2nd 6in	3rd 6in	N VALUE
		Silty Clay, Brown, Moist,										
5		Boring Terminated at 5 Ft-BGS										
10												
15												
20												
25												
30												

PROJECT:		Durham Parks Waste Delineation			BORING LOG: WD-100							
		Northgate Park										
		S&ME Project No. 23050630										
DATE DRILLED:		Wednesday, November 6, 2024			BORING DEPTH (FT):		10					
DRILL RIG:		Geoprobe 7822 DT			WATER LEVEL:							
DRILLER:		Quantex			CAVE-IN DEPTH:							
HAMMER TYPE:		Not Applicable			LOGGED BY:		Emily Hermann					
SAMPLING METHOD:					NORTHING:							
DRILLING METHOD:		DPT			EASTING:							
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION			WATER LEVEL	SAMPLE	PID READING (PPM)	LABORATORY ANALYSES	Sample Time / 1st 6in	2nd 6in	3rd 6in	N VALUE
		Silty Clay, Orange, Brown, Moist,										
5		Sandy Clay, Gray, Moist,										
10		Boring Terminated at 10 Ft-BGS										
15												
20												
25												
30												

PROJECT:			Durham Parks Waste Delineation			BORING LOG: WD-101						
			Northgate Park									
			S&ME Project No. 23050630									
DATE DRILLED:		Wednesday, November 6, 2024			BORING DEPTH (FT):		10					
DRILL RIG:		Geoprobe 7822 DT			WATER LEVEL:							
DRILLER:		Quantex			CAVE-IN DEPTH:							
HAMMER TYPE:		Not Applicable			LOGGED BY:		Emily Hermann					
SAMPLING METHOD:					NORTHING:							
DRILLING METHOD:		DPT			EASTING:							
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION			WATER LEVEL	SAMPLE	PID READING (PPM)	LABORATORY ANALYSES	Sample Time / 1st 6in	2nd 6in	3rd 6in	N VALUE
5		Sandy Clay, Brown, Moist,										
		Sandy Clay, White, Gray, Moist,										
10		Boring Terminated at 10 Ft-BGS										
15												
20												
25												
30												

PROJECT: Durham Parks Waste Delineation			BORING LOG: WD-102								
Northgate Park											
S&ME Project No. 23050630											
DATE DRILLED:		Wednesday, November 6, 2024		BORING DEPTH (FT):		10					
DRILL RIG:		Geoprobe 7822 DT		WATER LEVEL:							
DRILLER:		Quantex		CAVE-IN DEPTH:							
HAMMER TYPE:		Not Applicable		LOGGED BY:		Emily Hermann					
SAMPLING METHOD:				NORTHING:							
DRILLING METHOD:		DPT		EASTING:							
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION		WATER LEVEL	SAMPLE	PID READING (PPM)	LABORATORY ANALYSES	Sample Time / 1st 6in	2nd 6in	3rd 6in	N VALUE
		Sand, Tan, Dry,									
5		Sandy Clay, Brown, Moist,									
10		Boring Terminated at 10 Ft-BGS									
15											
20											
25											
30											

[illegible]

PROJECT: Durham Parks Waste Delineation Northgate Park S&ME Project No. 23050630			BORING LOG: WD-104									
DATE DRILLED:		Wednesday, November 6, 2024		BORING DEPTH (FT):		5						
DRILL RIG:		Geoprobe 7822 DT		WATER LEVEL:								
DRILLER:		Quantex		CAVE-IN DEPTH:								
HAMMER TYPE:		Not Applicable		LOGGED BY:		Emily Hermann						
SAMPLING METHOD:				NORTHING:								
DRILLING METHOD:		DPT		EASTING:								
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION			WATER LEVEL	SAMPLE	PID READING (PPM)	LABORATORY ANALYSES	Sample Time / 1st 6in	2nd 6in	3rd 6in	N VALUE
5		Silty Clay, Brown, Moist,										
		Boring Terminated at 5 Ft-BGS										
10												
15												
20												
25												
30												

PROJECT:			Durham Parks Waste Delineation			BORING LOG: WD-105							
			Northgate Park										
			S&ME Project No. 23050630										
DATE DRILLED:		Wednesday, November 6, 2024			BORING DEPTH (FT):		5						
DRILL RIG:		Geoprobe 7822 DT			WATER LEVEL:								
DRILLER:		Quantex			CAVE-IN DEPTH:								
HAMMER TYPE:		Not Applicable			LOGGED BY:		Emily Hermann						
SAMPLING METHOD:					NORTHING:								
DRILLING METHOD:		DPT			EASTING:								
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION				WATER LEVEL	SAMPLE	PID READING (PPM)	LABORATORY ANALYSES	Sample Time / 1st 6in	2nd 6in	3rd 6in	N VALUE
		Silty Clay, Tan, Brown, Moist,											
5		Boring Terminated at 5 Ft-BGS											
10													
15													
20													
25													
30													

PROJECT:			Durham Parks Waste Delineation			BORING LOG: WD-106							
			Northgate Park										
			S&ME Project No. 23050630										
DATE DRILLED:		Wednesday, November 6, 2024			BORING DEPTH (FT):		10						
DRILL RIG:		Geoprobe 7822 DT			WATER LEVEL:								
DRILLER:		Quantex			CAVE-IN DEPTH:								
HAMMER TYPE:		Not Applicable			LOGGED BY:		Emily Hermann						
SAMPLING METHOD:					NORTHING:								
DRILLING METHOD:		DPT			EASTING:								
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION				WATER LEVEL	SAMPLE	PID READING (PPM)	LABORATORY ANALYSES	Sample Time / 1st 6in	2nd 6in	3rd 6in	N VALUE
		Silty Sand, Brown, Dry,											
5		Clay, Brown, Moist,											
10		Boring Terminated at 10 Ft-BGS											
15													
20													
25													
30													

PROJECT: Durham Parks Waste Delineation			BORING LOG: WD-107									
Northgate Park												
S&ME Project No. 23050630												
DATE DRILLED:		Wednesday, November 6, 2024			BORING DEPTH (FT):			10				
DRILL RIG:		Geoprobe 7822 DT			WATER LEVEL:							
DRILLER:		Quantex			CAVE-IN DEPTH:							
HAMMER TYPE:		Not Applicable			LOGGED BY:			Emily Hermann				
SAMPLING METHOD:					NORTHING:							
DRILLING METHOD:		DPT			EASTING:							
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION			WATER LEVEL	SAMPLE	PID READING (PPM)	LABORATORY ANALYSES	Sample Time / 1st 6in	2nd 6in	3rd 6in	N VALUE
		Topsoil, Brown, Dry,										
		Silty Clay, Brown, Dry,										
5		Sandy Silt, Brown, Moist,										
10		Silty Sand, Brown, Gray, Wet,										
		Boring Terminated at 10 Ft-BGS										
15												
20												
25												
30												

PROJECT: Durham Parks Waste Delineation Northgate Park S&ME Project No. 23050630			BORING LOG: WD-108									
DATE DRILLED:		Wednesday, November 6, 2024		BORING DEPTH (FT):		10						
DRILL RIG:		Geoprobe 7822 DT		WATER LEVEL:								
DRILLER:		Quantex		CAVE-IN DEPTH:								
HAMMER TYPE:		Not Applicable		LOGGED BY:		Emily Hermann						
SAMPLING METHOD:				NORTHING:								
DRILLING METHOD:		DPT		EASTING:								
DEPTH (feet)	GRAPHIC LOG	MATERIAL DESCRIPTION			WATER LEVEL	SAMPLE	PID READING (PPM)	LABORATORY ANALYSES	Sample Time / 1st 6in	2nd 6in	3rd 6in	N VALUE
		Topsoil, Brown, Dry,										
		Silty Clay, Brown, Red, Dry,										
5		Sandy Silt, Brown, Tan, Moist,										
10		Silty Sand, Brown, Gray, Wet,										
		Boring Terminated at 10 Ft-BGS										
15												
20												
25												
30												

[illegible]

[illegible]

PROJECT: Durham Parks RI-5 Northgate Park S&ME Project No. 23050630 - Northgate Park				TEST PIT LOG: TP-01 <i>Sheet 1 of 1</i>	
DATE: 01/21/2025		ELEVATION:		NOTES:	
EQUIPMENT:		DATUM:			
OPERATOR: Buckeye Elm		DEPTH: 5.5 ft			
HAMMER TYPE: Not Applicable		CLOSURE: Backfilled with Cuttings			
EXCAVATION METHOD:		LOGGED BY: Emily Hermann		LATITUDE: LONGITUDE:	
SAMPLING METHOD:				PROJECT COORDINATE SYSTEM - NAD 1983 StatePlane North Carolina FIPS 3200 Feet	

Depth (feet)	NOTES	DEPOSITIONAL ENVIRONMENT	GRAPHIC	SAMPLE NO. (RECOVERY)	MATERIAL DESCRIPTION	ELEVATION
0					TOPSOIL	0
		0.3			Brown silty sand	
1		1.0			Brown sandy clay	-1
2						-2
3						-3
4						-4
5						-5
		5.5			Test Pit terminated at 5.5 feet.	
6						

GROUNDWATER		DATE	DEPTH (FT)	REMARKS
ATD			5.0	
END OF DRILLING				
AFTER DRILLING				
AFTER DRILLING				

GROUNDWATER DEPTHS ARE NOT EXACT AND MAY VARY SUBSTANTIALLY FROM THOSE INDICATED. ATD = AT TIME OF DRILLING
 LL=Liquid Limit, PL = Plastic Limit, NMC = Natural Moisture Content, PPV = Pocket Penetrometer (tsf), PTV = Pocket Torvane (tsf)

PROJECT: Durham Parks RI-5 Northgate Park S&ME Project No. 23050630 - Northgate Park				TEST PIT LOG: TP-02 <i>Sheet 1 of 1</i>	
DATE: 01/21/2025		ELEVATION:		NOTES:	
EQUIPMENT:		DATUM:			
OPERATOR: Buckeye Elm		DEPTH: 5.5 ft			
HAMMER TYPE: Not Applicable		CLOSURE: Backfilled with Cuttings			
EXCAVATION METHOD:		LOGGED BY: Emily Hermann		LATITUDE: LONGITUDE:	
SAMPLING METHOD:				PROJECT COORDINATE SYSTEM - NAD 1983 StatePlane North Carolina FIPS 3200 Feet	

Depth (feet)	NOTES	DEPOSITIONAL ENVIRONMENT	GRAPHIC	SAMPLE NO. (RECOVERY)	MATERIAL DESCRIPTION	ELEVATION
0					TOPSOIL	0
		0.3			Brown silty sand	
1					Brown sandy clay	-1
		1.5				
2						-2
3						-3
4						-4
5						-5
		5.5			Test Pit terminated at 5.5 feet.	
6						

GROUNDWATER		DATE	DEPTH (FT)	REMARKS
ATD	Σ		5.5	
END OF DRILLING	Σ			
AFTER DRILLING	▼			
AFTER DRILLING	▼			

GROUNDWATER DEPTHS ARE NOT EXACT AND MAY VARY SUBSTANTIALLY FROM THOSE INDICATED. ATD = AT TIME OF DRILLING
 LL=Liquid Limit, PL = Plastic Limit, NMC = Natural Moisture Content, PPV = Pocket Penetrometer (tsf), PTV = Pocket Torvane (tsf)

PROJECT: Durham Parks RI-5 Northgate Park S&ME Project No. 23050630 - Northgate Park				TEST PIT LOG: TP-03 <i>Sheet 1 of 1</i>	
DATE: 01/21/2025		ELEVATION:		NOTES:	
EQUIPMENT:		DATUM:			
OPERATOR: Buckeye Elm		DEPTH: 6.0 ft			
HAMMER TYPE: Not Applicable		CLOSURE: Backfilled with Cuttings			
EXCAVATION METHOD:		LOGGED BY: Emily Hermann		LATITUDE: LONGITUDE:	
SAMPLING METHOD:				PROJECT COORDINATE SYSTEM - NAD 1983 StatePlane North Carolina FIPS 3200 Feet	

Depth (feet)	NOTES	DEPOSITIONAL ENVIRONMENT	GRAPHIC	SAMPLE NO. (RECOVERY)	MATERIAL DESCRIPTION	ELEVATION
0					Brown silty clay	0
1						-1
2						-2
3						-3
4						-4
5						-5
6		6.0			Test Pit terminated at 6.0 feet.	-6
7						

GROUNDWATER		DATE	DEPTH (FT)	REMARKS
ATD	Σ			
END OF DRILLING	Σ			
AFTER DRILLING	▼			
AFTER DRILLING	▼			

GROUNDWATER DEPTHS ARE NOT EXACT AND MAY VARY SUBSTANTIALLY FROM THOSE INDICATED. ATD = AT TIME OF DRILLING
 LL=Liquid Limit, PL = Plastic Limit, NMC = Natural Moisture Content, PPV = Pocket Penetrometer (tsf), PTV = Pocket Torvane (tsf)

PROJECT: Durham Parks RI-5 Northgate Park S&ME Project No. 23050630 - Northgate Park				TEST PIT LOG: TP-04 <i>Sheet 1 of 1</i>	
DATE: 01/21/2025		ELEVATION:		NOTES:	
EQUIPMENT:		DATUM:			
OPERATOR: Buckeye Elm		DEPTH: 5.5 ft			
HAMMER TYPE: Not Applicable		CLOSURE: Backfilled with Cuttings			
EXCAVATION METHOD:		LOGGED BY: Emily Hermann			
SAMPLING METHOD:				PROJECT COORDINATE SYSTEM - NAD 1983 StatePlane North Carolina FIPS 3200 Feet	

Depth (feet)	NOTES	DEPOSITIONAL ENVIRONMENT	GRAPHIC	SAMPLE NO. (RECOVERY)	MATERIAL DESCRIPTION	ELEVATION
0		0.3			TOPSOIL	0
1					Brown sandy clay	-1
2						-2
3						-3
4						-4
5						-5
5.5					Test Pit terminated at 5.5 feet.	
6						

GROUNDWATER		DATE	DEPTH (FT)	REMARKS
ATD	Σ			
END OF DRILLING	Σ			
AFTER DRILLING	▼			
AFTER DRILLING	▼			



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PROJECT: Durham Parks RI-5 Northgate Park S&ME Project No. 23050630 - Northgate Park				TEST PIT LOG: TP-05 <i>Sheet 1 of 1</i>	
DATE: 01/22/2025		ELEVATION:		NOTES:	
EQUIPMENT:		DATUM:			
OPERATOR: Buckeye Elm		DEPTH: 8.0 ft			
HAMMER TYPE: Not Applicable		CLOSURE: Backfilled with Cuttings			
EXCAVATION METHOD:		LOGGED BY: Emily Hermann		LATITUDE: LONGITUDE:	
SAMPLING METHOD:				PROJECT COORDINATE SYSTEM - NAD 1983 StatePlane North Carolina FIPS 3200 Feet	

Depth (feet)	NOTES	DEPOSITIONAL ENVIRONMENT	GRAPHIC	SAMPLE NO. (RECOVERY)	MATERIAL DESCRIPTION	ELEVATION
0					Incinerator waste (glass, ash, brick, ceramic)	0
1		1.0			Brown sandy clay	-1
2						-2
3						-3
4						-4
5						-5
6						-6
7						-7
8		8.0			Test Pit terminated at 8.0 feet.	-8
9						

GROUNDWATER		DATE	DEPTH (FT)	REMARKS
ATD	Σ			
END OF DRILLING	Σ			
AFTER DRILLING	▼			
AFTER DRILLING	▼			

GROUNDWATER DEPTHS ARE NOT EXACT AND MAY VARY SUBSTANTIALLY FROM THOSE INDICATED. ATD = AT TIME OF DRILLING
 LL=Liquid Limit, PL = Plastic Limit, NMC = Natural Moisture Content, PPV = Pocket Penetrometer (tsf), PTV = Pocket Torvane (tsf)

PROJECT: Durham Parks RI-5 Northgate Park S&ME Project No. 23050630 - Northgate Park				TEST PIT LOG: TP-06 <i>Sheet 1 of 1</i>	
DATE: 01/23/2025		ELEVATION:		NOTES:	
EQUIPMENT:		DATUM:			
OPERATOR: Buckeye Elm		DEPTH: 5.0 ft			
HAMMER TYPE: Not Applicable		CLOSURE: Backfilled with Cuttings			
EXCAVATION METHOD:		LOGGED BY: Emily Hermann		LATITUDE: LONGITUDE:	
SAMPLING METHOD:				PROJECT COORDINATE SYSTEM - NAD 1983 StatePlane North Carolina FIPS 3200 Feet	

Depth (feet)	NOTES	DEPOSITIONAL ENVIRONMENT	GRAPHIC	SAMPLE NO. (RECOVERY)	MATERIAL DESCRIPTION	ELEVATION
0					Incinerator waste (glass, ash, ceramic)	0
1						-1
		1.5			Brown sandy clay	
2						-2
3						-3
4						-4
5		5.0			Test Pit terminated at 5.0 feet.	-5
6						

GROUNDWATER		DATE	DEPTH (FT)	REMARKS
ATD	Σ			
END OF DRILLING	Σ			
AFTER DRILLING	▼			
AFTER DRILLING	▼			

GROUNDWATER DEPTHS ARE NOT EXACT AND MAY VARY SUBSTANTIALLY FROM THOSE INDICATED. ATD = AT TIME OF DRILLING
 LL=Liquid Limit, PL = Plastic Limit, NMC = Natural Moisture Content, PPV = Pocket Penetrometer (tsf), PTV = Pocket Torvane (tsf)

PROJECT: Durham Parks RI-5 Northgate Park S&ME Project No. 23050630 - Northgate Park				TEST PIT LOG: TP-07 <i>Sheet 1 of 1</i>	
DATE: 01/23/2025		ELEVATION:		NOTES:	
EQUIPMENT:		DATUM:			
OPERATOR: Buckeye Elm		DEPTH: 5.5 ft			
HAMMER TYPE: Not Applicable		CLOSURE: Backfilled with Cuttings			
EXCAVATION METHOD:		LOGGED BY: Emily Hermann		LATITUDE: LONGITUDE:	
SAMPLING METHOD:				PROJECT COORDINATE SYSTEM - NAD 1983 StatePlane North Carolina FIPS 3200 Feet	

Depth (feet)	NOTES	DEPOSITIONAL ENVIRONMENT	GRAPHIC	SAMPLE NO. (RECOVERY)	MATERIAL DESCRIPTION	ELEVATION
0					Waste (glass, ash, ceramic)	0
1						-1
		1.5			Brown sandy clay	
2						-2
3						-3
4						-4
5						-5
		5.5			Test Pit terminated at 5.5 feet.	
6						

GROUNDWATER		DATE	DEPTH (FT)	REMARKS
ATD	Σ			
END OF DRILLING	Σ			
AFTER DRILLING	▼			
AFTER DRILLING	▼			

GROUNDWATER DEPTHS ARE NOT EXACT AND MAY VARY SUBSTANTIALLY FROM THOSE INDICATED. ATD = AT TIME OF DRILLING
 LL=Liquid Limit, PL = Plastic Limit, NMC = Natural Moisture Content, PPV = Pocket Penetrometer (tsf), PTV = Pocket Torvane (tsf)

Appendix III – Photographic Log



Remedial Investigation – Waste Delineation Assessment Report
Northgate Park – City of Durham, Task Orders 825RI-5 and 821RI-9
300 W. Club Blvd & 404 W. Lavender Ave, Durham, Durham County, North Carolina
NCDEQ ID No. NONCD0000825
S&ME Project No. 23050630

			1/21/2025	Photographer: Emily Hermann
1	Location / Orientation	TP-1		
	Remarks	View of the test pit. No waste was observed		
			1/21/2025	Photographer: Emily Hermann
2	Location / Orientation	TP-2		
	Remarks	View of TP-2. No waste was observed		



Remedial Investigation – Waste Delineation Assessment Report
Northgate Park – City of Durham, Task Orders 825RI-5 and 821RI-9
300 W. Club Blvd & 404 W. Lavender Ave, Durham, Durham County, North Carolina
NCDEQ ID No. NONCD0000825
S&ME Project No. 23050630

			1/21/2025
			Photographer: Emily Hermann
3	Location / Orientation	TP-3	
	Remarks	View of TP-3. No waste observed	
			1/21/2025
			Photographer: Emily Hermann
4	Location / Orientation	TP-4	
	Remarks	View of TP-4. No waste observed	



Remedial Investigation – Waste Delineation Assessment Report
Northgate Park – City of Durham, Task Orders 825RI-5 and 821RI-9
300 W. Club Blvd & 404 W. Lavender Ave, Durham, Durham County, North Carolina
NCDEQ ID No. NONCD0000825
S&ME Project No. 23050630

			1/22/2025
			Photographer: Emily Hermann
5	Location / Orientation	TP-5	
	Remarks	View of TP-5. Glass, ceramic and ash waste was observed	
			1/23/2025
			Photographer: Emily Hermann
6	Location / Orientation	TP-6	
	Remarks	View of TP-6. Glass, ceramic and ash waste was observed	



Remedial Investigation – Waste Delineation Assessment Report
Northgate Park – City of Durham, Task Orders 825RI-5 and 821RI-9
300 W. Club Blvd & 404 W. Lavender Ave, Durham, Durham County, North Carolina
NCDEQ ID No. NONCD0000825
S&ME Project No. 23050630

			1/23/2025
			Photographer: Emily Hermann
7	Location / Orientation	TP-7	
	Remarks	View of TP-6. Glass, ceramic and ash waste was observed	

Appendix IV – Laboratory Analytical Results and Chain of Custody Forms



EMSL Analytical, Inc.

706 Galin Street, Kernersville, NC, 27284
Telephone: (336)-992-1025 Fax:(336)-992-4175
EMSL-KE-02

EMSL Order ID: 022450403
LIMS Reference ID: KC50403
EMSL Customer ID: SMEI60

Attention: Gerald Paul
S&ME, Inc. [SMEI60]
3201 Spring Forest Road
Raleigh, NC 27616
(919) 872-2660
jpaul@smeinc.com

Project Name: City of Durham Parks 23050630

Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 10/08/2024 09:10
Reported: 10/09/2024 08:15

Analytical Results

Analyte	Results	RL	Volume(L)	Prep Date & Tech	Prep Method	Analysis Date & Analyst	Analytical Method	Q	DF
Client Sample ID: 825-Pb-02/downwind							Date Sampled: 09/23/24		
Matrix: Cassettes							LIMS Reference ID: KC50403-01		
Lead	<6.2 ug/m³	6.2 ug/m³	650	10/08/24 JC	NIOSH 7082	10/08/24 JC	NIOSH 7082		1
Sample Comments:									

**EMSL Analytical, Inc.**

706 Gralin Street, Kernersville, NC, 27284
Telephone: (336)-992-1025 Fax:(336)-992-4175
EMSL-KE-02

EMSL Order ID: 022450403
LIMS Reference ID: KC50403
EMSL Customer ID: SMEI60

Attention: Gerald Paul
S&ME, Inc. [SMEI60]
3201 Spring Forest Road
Raleigh, NC 27616
(919) 872-2660
jpaul@smeinc.com

Project Name: City of Durham Parks 23050630

Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 10/08/2024 09:10
Reported: 10/09/2024 08:15

Certified Analyses included in this Report

Analyte	Certifications
NIOSH 7082 in Cassettes	
Lead	02-AIHA ELLAP

List of Certifications

Code	Description	Number	Expires
02-AIHA ELLAP	American Industrial Hygiene Association (AIHA-LAP) - ELLAP	102564	06/01/2026
02-AIHA EMLAP	American Industrial Hygiene Association (AIHA-LAP) - EMLAP	102564	06/01/2026

Please see the specific Field of Testing (FOT) on www.emsl.com <<http://www.emsl.com>> for a complete listing of parameters for which EMSL is certified.

Notes and Definitions

Item	Definition
(Dig)	For metals analysis, sample was digested.
[2C]	Reported from the second channel in dual column analysis.
DF	Dilution Factor
MDL	Method Detection Limit.
ND	Analyte was NOT DETECTED at or above the detection limit.
NR	Spike/Surrogate showed no recovery.
Q	Qualifier
RL	Reporting Limit
Wet	Sample is not dry weight corrected.

Measurement of uncertainty and any applicable definitions of method modifications are available upon request. Per EPA NLLAP policy, sample results are not blank corrected.

James Cole Laboratory Manager or other approved signatory

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. QC sample results are within quality control criteria and met method specifications unless otherwise noted. All results for soil samples are reported on a dry weight basis, unless otherwise noted.

Analysis following EMSL SOP for the Determination of Environmental Lead by FLAA. The laboratory has a reporting limit of 4 µg/filter and is not responsible for any result or reporting limit provided in µg/m3 since it is dependent upon a volume value provided by non-lab personnel. A "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty and definitions of modifications are available upon request. Results in this report are not blank corrected unless specified.



EMSL ANALYTICAL, INC.
TESTING LABS • PRODUCTS • TRAINING

Lead Chain of Custody

EMSL Order Number / Lab Use Only

EMSL Analytical, Inc.
200 Route 130 North
Cinnaminson, NJ 08077

PHONE: (800) 220-3675

EMAIL: CinnaminsonLeadLab@emsl.com

1250403

Customer Information	Customer ID:		Billing Information	Billing ID:	
	Company Name:	S&ME		Company Name:	S&ME
	Contact Name:	Gerald Paul		Billing Contact:	same
	Street Address:	3201 Spring Forest Rd		Street Address:	
	City, State, Zip:	Raleigh, NC 27616		City, State, Zip:	
	Country:	US		Country:	
	Phone:	919-801-6482		Phone:	
	Email(s) for Report:	jpaul@smeinc.com		Email(s) for Invoice:	

Project Information	
Project Name/No:	City of Durham Parks 23050630
EMSL LIMS Project ID:	
(If applicable, EMSL will provide)	
US State where samples collected:	NC
State of Connecticut (CT) must select project location:	
Commercial (Taxable)	☐
Residential (Non-Taxable)	☐
Sampled By Name:	
Sampled By Signature:	
No. of Samples in Shipment	

Turn-Around-Time (TAT)	
☐ 3 Hour	☐ 6 Hour
☒ 24 Hour	☐ 32 Hour
☐ 48 Hour	☐ 72 Hour
☐ 96 Hour	☐ 1 Week
☐ 2 Week	

Please call ahead for large projects and/or turnaround times 6 Hours or Less. *32 Hour TAT available for select tests only, samples must be submitted by 11:30am.

MATRIX	METHOD	INSTRUMENT	REPORTING LIMIT	SELECTION
CHIPS ☐ % by wt. ☐ ppm (mg/kg) ☐ mg/cm ²	SW 846-7000B	Flame Atomic Absorption	0.008% (80ppm)	☐
Reporting Limit based on a minimum 0.25g sample weight	SW 846-6010D	ICP-OES	0.0004% (4ppm)	☐
AIR	NIOSH 7082	Flame Atomic Absorption	4µg/filter	☒
	NIOSH 7300M / NIOSH 7303M	ICP-OES	0.5µg/filter	☐
	NIOSH 7300M / NIOSH 7303M	ICP-MS	0.05µg/filter	☐
WIPE ☐ ASTM ☐ NON-ASTM	SW 846-7000B	Flame Atomic Absorption	10µg/wipe	☐
If no box is checked, non-ASTM Wipe is assumed	SW 846-6010D	ICP-OES	1.0µg/wipe	☐
TCLP	SW 846-1311 / 7000B / SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW 846-1311 / SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	☐
SPLP	SW 846-1312 / 7000B / SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	SW 846-1312 / SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	☐
TTLC	22 CCR App. II, 7000B/7420	Flame Atomic Absorption	40mg/kg (ppm)	☐
	22 CCR App. II, SW 846-6010D*	ICP-OES	2mg/kg (ppm)	☐
STLC	22 CCR App. II, 7000B/7420	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
	22 CCR App. II, SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	☐
Soil	SW 846-7000B	Flame Atomic Absorption	40mg/kg (ppm)	☐
	SW 846-6010D*	ICP-OES	2mg/kg (ppm)	☐
Wastewater	SM 3111B / SW 846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	☐
Unpreserved ☐	EPA 200.7	ICP-OES	0.020 mg/L (ppm)	☐
Preserved with HNO ₃ ☐ PH<2	EPA 200.5	ICP-OES	0.003 mg/L (ppm)	☐
Drinking Water	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	☐
Unpreserved ☐				☐
Preserved with HNO ₃ ☐ PH<2				☐
TSP/SPM Filter	40 CFR Part 50	ICP-OES	12 µg/filter	☐
Other:				☐

Sample Number	Sample Location	Volume / Area	Date / Time Sampled
825-Pb-02	downwind	776 L	9/23/24

Method of Shipment:		Sample Condition Upon Receipt:	
Relinquished by:	Date/Time:	Received by:	Date/Time:
Emily Hermann	10/7/24	[Signature]	10/7/24 4:08
Relinquished by:	Date/Time:	Received by:	Date/Time:
		[Signature]	10-8-24 9:10

Controlled Document - COC-25 Lead R15 4/5/2021

*6010C Available Upon Request

☐ AGREE TO ELECTRONIC SIGNATURE (By checking, I consent to signing this Chain of Custody document by electronic signature.)

EMSL Analytical, Inc.'s Laboratory Terms and Conditions are incorporated into this Chain of Custody by reference in their entirety. Submission of samples to EMSL Analytical, Inc. constitutes acceptance and acknowledgment of all terms and conditions by Customer.

Page 3 of 3

Page 1 of 2

IT 7790 7024 8271

**EMSL Analytical, Inc.**

706 Galin Street, Kernersville, NC, 27284
Telephone: (336)-992-1025 Fax:(336)-992-4175
EMSL-KE-02

EMSL Order ID: 022550182
LIMS Reference ID: KD50182
EMSL Customer ID: SMEI60

Attention: Emily Hermann
S&ME, Inc. [SMEI60]
3201 Spring Forest Road
Raleigh, NC 27616
(919) 872-2660
emilyhermann@smeinc.com

Project Name: Morthgate Park (City of Durham Parks)

Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 02/04/2025 09:10
Reported: 02/05/2025 08:03

Analytical Results

Analyte	Results	RL	Volume(L)	Prep Date & Tech	Prep Method	Analysis Date & Analyst	Analytical Method	Q	DF
Client Sample ID: 825-Pb-01/Work Zone							Date Sampled: 01/21/25		
Matrix: Cassettes							LIMS Reference ID: KD50182-01		
Lead	<4.5 ug/m ³	4.5 ug/m ³	710	02/04/25 JC	NIOSH 7082	02/04/25 JC	NIOSH 7082	1	
Sample Comments:									
Client Sample ID: 825-Pb-02/Work Zone							Date Sampled: 01/23/25		
Matrix: Cassettes							LIMS Reference ID: KD50182-02		
Lead	<18 ug/m ³	18 ug/m ³	180	02/04/25 JC	NIOSH 7082	02/04/25 JC	NIOSH 7082	1	
Sample Comments:									

**EMSL Analytical, Inc.**

706 Gralin Street, Kernersville, NC, 27284
Telephone: (336)-992-1025 Fax:(336)-992-4175
EMSL-KE-02

EMSL Order ID: 022550182
LIMS Reference ID: KD50182
EMSL Customer ID: SMEI60

Attention: Emily Hermann
S&ME, Inc. [SMEI60]
3201 Spring Forest Road
Raleigh, NC 27616
(919) 872-2660
emilyhermann@smeinc.com

Project Name: Morthgate Park (City of Durham Parks)

Customer PO:
EMSL Sales Rep: Jason McDonald
Received: 02/04/2025 09:10
Reported: 02/05/2025 08:03

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NIOSH 7082 in Cassettes	
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RL	Reporting Limit
Wet	Sample is not dry weight corrected.

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James Cole Laboratory Manager or other approved signatory

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. QC sample results are within quality control criteria and met method specifications unless otherwise noted. All results for soil samples are reported on a dry weight basis, unless otherwise noted.

Analysis following EMSL SOP for the Determination of Environmental Lead by FLAA. The laboratory has a reporting limit of 4 µg/filter and is not responsible for any result or reporting limit provided in µg/m3 since it is dependent upon a volume value provided by non-lab personnel. A "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty and definitions of modifications are available upon request. Results in this report are not blank corrected unless specified.



EMSL ANALYTICAL, INC.
TESTING LABS • PRODUCTS • TRAINING

Lead Chain of Custody

EMSL Order Number / Lab Use Only

EMSL Analytical, Inc.
200 Route 130 North
Cinnaminson, NJ 08077

PHONE: (800) 220-3675

EMAIL: CinnaminsonLeadLab@emsl.com

1050182

Customer Information		Billing Information	
Customer ID: <u>S+ME</u>	Company Name: <u>S+ME</u>	Billing ID: <u>S+ME</u>	Company Name: <u>S+ME</u>
Contact Name: <u>Emily Hermann / Gerald Paul</u>	Billing Contact: <u></u>	Street Address: <u></u>	City, State, Zip: <u></u> Country: <u></u>
Street Address: <u>3201 Spring Forest Rd</u>	City, State, Zip: <u>Raleigh NC 27616</u> Country: <u>US</u>	Phone: <u></u>	Email(s) for Invoice: <u></u>
Phone: <u></u>	Email(s) for Report: <u>emilyhermann@smeinc.com</u>		
Project Information			
Project Name/No: <u>Northgate Park (City of Durham Parks)</u>	Purchase Order: <u></u>	State of Connecticut (CT) must select project location:	
EMSL LIMS Project ID: <u></u>	US State where samples collected: <u></u>	☐ Commercial (Taxable)	☐ Residential (Non-Taxable)
Sampled By Name: <u></u>	Sampled By Signature: <u></u>	No. of Samples in Shipment: <u></u>	
Turn-Around-Time (TAT)			
☐ 3 Hour	☐ 6 Hour	☒ 24 Hour	☐ 32 Hour
☐ 48 Hour	☐ 72 Hour	☐ 96 Hour	☐ 1 Week
☐ 2 Week	Please call ahead for large projects and/or turnaround times 6 Hours or Less. *32 Hour TAT available for select tests only; samples must be submitted by 11:30am.		
MATRIX	METHOD	INSTRUMENT	REPORTING LIMIT
CHIPS ☐ % by wt. ☐ ppm (mg/kg) ☐ mg/cm ²	SW 846-7000B	Flame Atomic Absorption	0.008% (80ppm)
Reporting Limit based on a minimum 0.25g sample weight	SW 846-6010D	ICP-OES	0.0004% (4ppm)
AIR	NIOSH 7082	Flame Atomic Absorption	4µg/filter
	NIOSH 7300M / NIOSH 7303M	ICP-OES	0.5µg/filter
	NIOSH 7300M / NIOSH 7303M	ICP-MS	0.05µg/filter
WIPE ☐ ASTM ☐ NON-ASTM	SW 846-7000B	Flame Atomic Absorption	10µg/wipe
If no box is checked, non-ASTM Wipe is assumed	SW 846-6010D	ICP-OES	1.0µg/wipe
TCLP	SW 846-1311 / 7000B / SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)
	SW 846-1311 / SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)
SPLP	SW 846-1312 / 7000B / SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)
	SW 846-1312 / SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)
TTLIC	22 CCR App. II, 7000B/7420	Flame Atomic Absorption	40mg/kg (ppm)
	22 CCR App. II, SW 846-6010D*	ICP-OES	2mg/kg (ppm)
STLC	22 CCR App. II, 7000B/7420	Flame Atomic Absorption	0.4 mg/L (ppm)
	22 CCR App. II, SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)
Soil	SW 846-7000B	Flame Atomic Absorption	40mg/kg (ppm)
	SW 846-6010D*	ICP-OES	2mg/kg (ppm)
Wastewater	SM 3111B / SW 846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)
Unpreserved ☐	EPA 200.7	ICP-OES	0.020 mg/L (ppm)
Preserved with HNO ₃ ☐ PH<2	EPA 200.5	ICP-OES	0.003 mg/L (ppm)
Drinking Water	EPA 200.8	ICP-MS	0.001 mg/L (ppm)
Unpreserved ☐	40 CFR Part 50	ICP-OES	12 µg/filter
Preserved with HNO ₃ ☐ PH<2			
TSP/SPM Filter			
Other: <u></u>	<u></u>	<u></u>	<u></u>
Sample Number	Sample Location	Volume / Area	Date / Time Sampled
825-Pb-01	work zone	710	1/21/25
825-Pb-02	"	180	1/23/25
Method of Shipment: <u></u> Sample Condition Upon Receipt: <u></u>			
Relinquished by: <u>[Signature]</u>	Date/Time: <u>2/3/25</u>	Received by: <u>[Signature]</u>	Date/Time: <u>2/3/25 9:43</u>
Relinquished by: <u></u>	Date/Time: <u></u>	Received by: <u>[Signature]</u>	Date/Time: <u>2/4/25 09:10</u>

Controlled Document - CQC-25 Lead R15 4/5/2021

*6010C Available Upon Request

☐ AGREE TO ELECTRONIC SIGNATURE (By checking, I consent to signing this Chain of Custody document by electronic signature.)

EMSL Analytical, Inc.'s Laboratory Terms and Conditions are incorporated into this Chain of Custody by reference in their entirety. Submission of samples to EMSL Analytical, Inc. constitutes acceptance and acknowledgment of all terms and conditions by Customer.

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