

Remedial Investigation Waste Delineation Assessment Report East Durham Park – City of Durham, NONCD0000821 Durham, Durham County, North Carolina Task Orders 821RI-5 and 821RI-6 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 November 14, 2024



November 14, 2024

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: <u>kevin.kelt.deg.nc.gov</u>

Hydrogeologist

Reference: Remedial Investigation- Waste Delineation Assessment Report

East Durham Park - City of Durham

2601 East Main St. & 300 Gary St, Durham, Durham County, North Carolina

NCDEQ ID No. NONCD0000821

NCDEQ Task Orders 821RI-5 and 821RI-6

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 821RI-5 and No. 23050630AP, dated October 4, 2024, for Task Order 821RI-6 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.

Chelsea A. Parra, G.I.T.

Environmental Staff Professional

chelseaparra@smeinc.com

Melsiaghin

Gerald Paul

Senior Project Manager ipaul@smeinc.com

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

Attachment: Remedial Investigation - Waste Delineation Assessment Report



2601 East Main St. & 300 Gary St, Durham, Durham County, North Carolina NCDEQ ID No. NONCD0000821 S&ME Project No. 23050630

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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. 23050630AP, dated October 4, 2024, for Task Order 821RI-6 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 Clearing and 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 S&ME's approved *Standard Operating Procedures and Quality Assurance (SOP/QA) Manual*, previously approved by NCDEQ.

2.0 Utility Locating

On August 7, 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) 0831844364, 0831843041 and 0831831661.

S&ME's subcontract drill crew, SAEDACCO, installed 86 soil borings (WD-01 to WD-55 and offset borings) between September 3 and September 9, 2024.

SAEDACCO'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 20 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).

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Additionally, in areas that could not be accessed by the Geoprobe, S&ME advanced 5 soil borings using a stainless-steel six-inch electric power auger. Borings were advanced to approximately 3 feet bgs. Boring locations and the adjusted waste boundary are depicted on **Figure 1**. 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, brick, and glass. The waste was described as having the consistency of soil with small fragments of glass and brick. At boring locations where waste was encountered, waste was encountered at depths of just below the surface to approximately 5 ft. bgs (soil cover).

In general, noted waste in the open field across the street from the playground was thin in the center portion of the field and got thicker as the waste approaches Main Street and the stream that divides the property. At one boring location (WD-54) the waste extended down to a maximum depth of 20 ft. bgs (between 3 - 20 feet). Buried waste was not identified along the eastern side of the stream near the basketball courts. Buried waste within the vicinity of the playground (east side of the stream that divides the WDA) was fairly consistent in depth (approximately 0.5 – 2.0 ft. bgs) and thickness (approximately 3-4 feet thick) was identified. Approximate depth to waste and thickness on the western side of the stream that divides the WDA was highly variable and appeared to increase in thickness (4 – 6' thick) approaching the western property boundary. At one boring location (SB-54) the waste thickest identified Based upon this investigation the waste appears to extend beyond the western property boundary. Buried waste is estimated to occupy approximately 2.78 acres of the current review area. Boring locations and the approximate waste thicknesses 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 Limited Site Clearing

Prior to performing additional remedial investigation activities (Trenching/Test Pits), S&ME contracted with a clearing contractor, TW Harris Clearing, to clear vegetation and small trees in proposed areas across the suspected waste disposal area (City of Durham Park property). TW Harris Clearing and S&ME mobilized to the site on October 17, 2024 to clear vegetation and trees in order to continue delineation activities.

3.4 WDA Test Pits

S&ME's subcontractor, Buckeye Elm Contracting, LLC (Buckeye) advanced 18 test pits (TP-1 to TP-11) between October 21 and October 23, 2024 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 **Figure 1.** 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.**

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3.5 WDA Test Pit Results

Waste encountered throughout the property included ash, melted glass, brick, concrete, 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 0.25 ft-bgs and up to a depth of 7.0 ft-bgs.

On the northern parcel, waste was observed east of the stream from the ground surface to approximately 7 ft-bgs in multiple locations and northeast of the stream from the ground surface to 3-5 ft-bgs. On the southern parcel, waste was observed at a depth of 1 ft-bgs to 3-5 ft-bgs and no waste was observed in test pits conducted east of the stream. Results from the test pits suggest waste extends across the stream to the playground area in the northern parcel. The results also suggest waste extends across the street to the southern parcel. The test pit results show similar results to the waste delineation borings conducted in September 2024.

The overall extent of the buried waste extends over the central portion of the southern parcel and throughout the southern portion of the northern parcel. Test pit locations and a waste boundary are depicted in **Figure 1**. Boring logs from the test pits can be found in **Appendix I**. A photographic log can be found in **Appendix II** and coordinates for the test pits can be found in **Appendix II**.

4.0 Air Monitoring

4.1 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 reported at concentrations below action levels. 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. 23050630AP, dated October 4, 2024, as authorized by NCDEQ Task Orders821RI-5 and 821RI-6.

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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

November 14, 2024

Date

Wake County
My Commission Expires
March 12, 2028

Signature of Environmental Consultant

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.

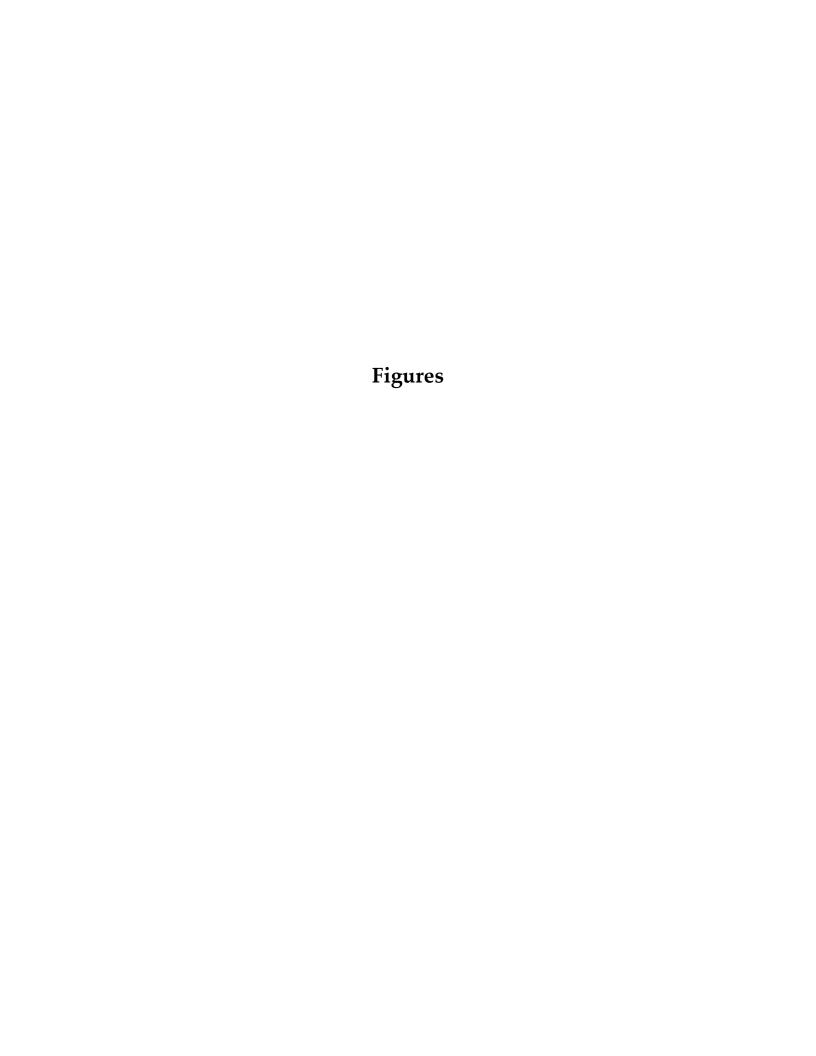
WITNESS my hand and official seal this 14 day of November, 2024.

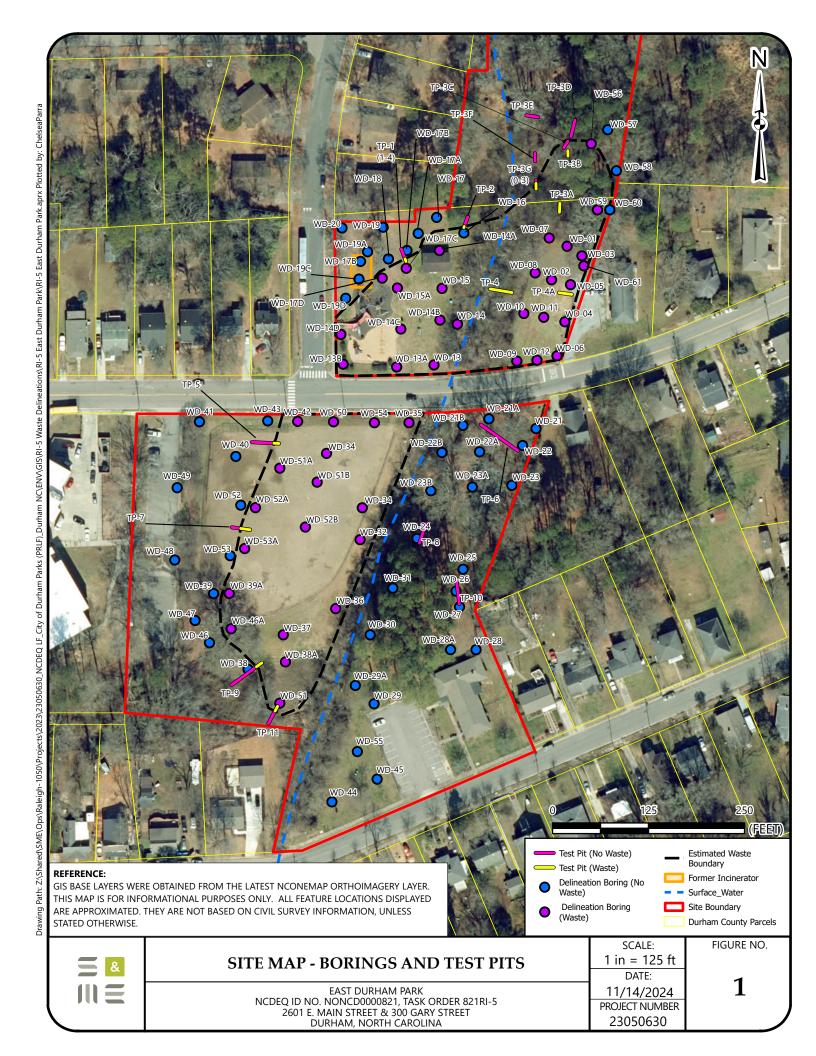
Notary Public (signature)

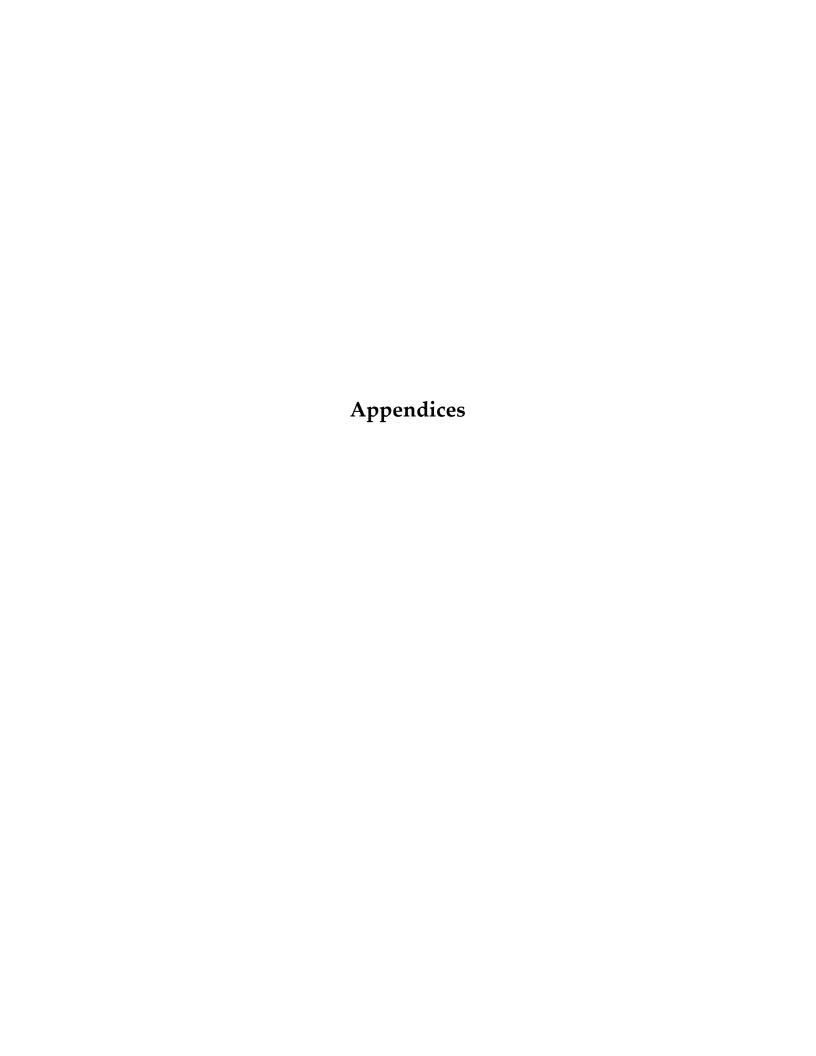
My commission expires: March 12 2028

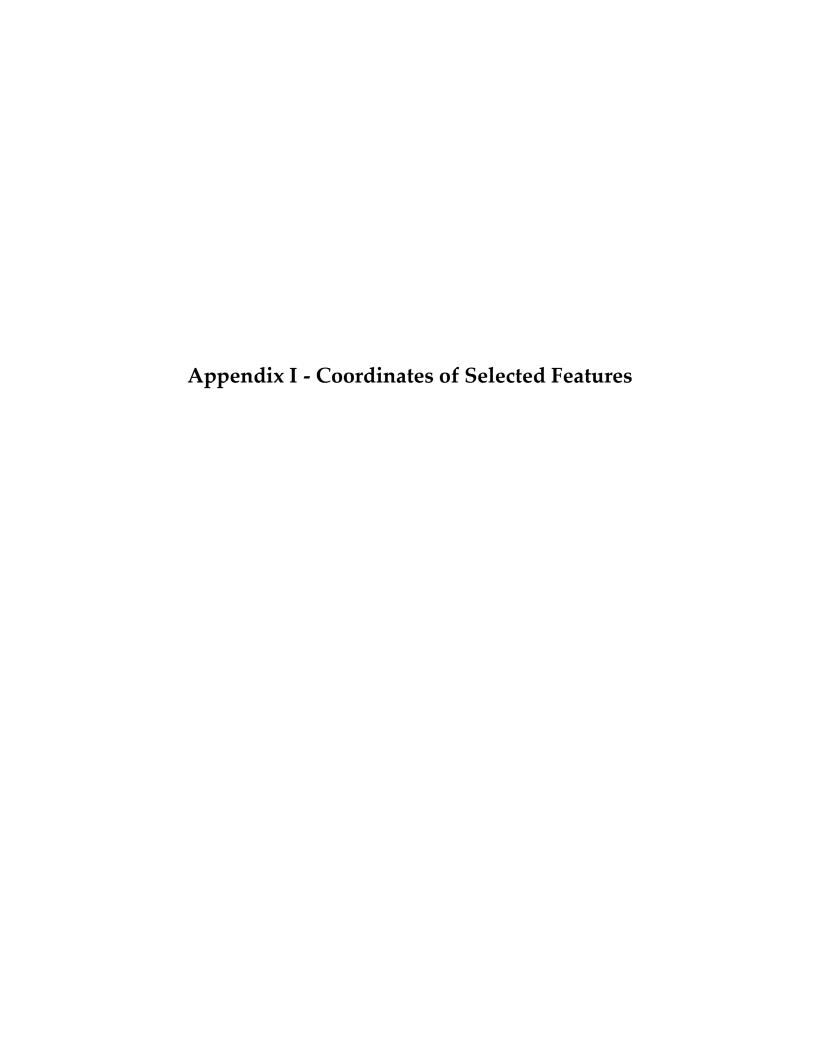
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APPENDIX I



Coordinates of Selected Features Waste Delineation Assessment Report East Durham Park NONCD0000821

Durham, Durham County, North Carolina

S&ME Project No.: 23050630, Task Orders 821RI-5 and 821RI-6

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Site Feature	Type -		1	ntion	
		Latitude	Longitude	Northing	Easting
TP-1	Test Pits	35.98662368	-78.87066195	3984561.324	691958.38
TP-2	Test Pits	35.98674392	-78.87038728	3984575.204	691982.85
TP-3A	Test Pits	35.98679281	-78.8699751	3984581.440	692019.89
TP-3B	Test Pits	35.98698714	-78.86993843	3984603.071	692022.73
TP-3C	Test Pits	35.98701868	-78.86994772	3984606.552	692021.81
TP-3D	Test Pits	35.98707648	-78.86991629	3984613.026	692024.51
TP-3E	Test Pits	35.98712023	-78.87009499	3984617.527	692008.29
TP-3F	Test Pits	35.98697346	-78.87008315	3984601.268	692009.71
TP-3G	Test Pits	35.98687496	-78.87007908	3984590.349	692010.32
TP-4	Test Pits	35.9864961	-78.87023335	3984548.015	691997.33
TP-4A	Test Pits	35.98648573	-78.86995022	3984547.422	692022.88
TP-5	Test Pits	35.98595322	-78.87127105	3984485.745	691905.08
TP-6	Test Pits	35.9859707	-78.87024175	3984489.711	691997.85
TP-7	Test Pits	35.98564675	-78.87137988	3984451.531	691896.01
TP-8	Test Pits	35.98562882	-78.87057979	3984451.118	691968.19
TP-9	Test Pits	35.98564675	-78.87137988	3984451.531	691896.01
TP-10	Test Pits	35.98541877	-78.87042541	3984428.119	691982.62
TP-11	Test Pits	35.98564675	-78.87137988	3984451.531	691896.01
WD-01	Waste Delineation Boring	35.98665501	-78.86994277	3984566.217	692023.14
WD-02	Waste Delineation Boring Waste Delineation Boring	35.98653495	-78.87001114	3984552.763	692017.27
WD-03	Waste Delineation Boring Waste Delineation Boring	35.98662058	-78.86987749	3984562.526	692029.11
WD-04	Waste Delineation Boring	35.98638483	-78.86995281	3984536.223	692022.89
WD-04 WD-05	Waste Delineation Boring	35.98651756	-78.86992762	3984550.998	692024.84
WD-06	Waste Delineation Boring	35.98626305	-78.8699876	3984522.645	692020.05
WD-07	Waste Delineation Boring Waste Delineation Boring	35.98668477	-78.87002151	3984569.363	692015.97
WD-07 WD-08	Waste Delineation Boring Waste Delineation Boring	35.98655989	-78.87002131	3984555.387	692010.71
WD-09	Waste Delineation Boring Waste Delineation Boring	35.9864147	-78.8700832	3984539.181	692006.54
WD-09 WD-10	Waste Delineation Boring Waste Delineation Boring	35.9862445	-78.87016442	3984520.239	692004.15
WD-10 WD-11	Waste Delineation Boring Waste Delineation Boring	35.98640105	-78.87016442	3984537.84	692014.47
WD-11	Waste Delineation Boring	35.98624753	-78.87007602	3984520.749	692012.12
WD-12 WD-13	Waste Delineation Boring	35.98623101	-78.87052909	3984518.024	691971.31
WD-13A	Waste Delineation Boring	35.98622408	-78.87069333	3984516.931	691956.5
WD-13A WD-13B	Waste Delineation Boring Waste Delineation Boring	35.98623438	-78.87092925	3984517.609	691935.22
WD-13B WD-14	Waste Delineation Boring Waste Delineation Boring	35.98637697	-78.87042603	3984534.419	691980.2
WD-14A	Waste Delineation Boring Waste Delineation Boring	35.98664039	-78.87050459	3984563.488	691972.52
WD-14A WD-14B	Waste Delineation Boring Waste Delineation Boring	35.98639148	-78.87050272	3984535.878	691973.3
WD-14B WD-14C	Waste Delineation Boring Waste Delineation Boring	35.98635974	-78.87067479	3984532.018	691957.86
WD-14C WD-14D	Waste Delineation Boring Waste Delineation Boring	35.98634059	-78.87093869	3984529.373	691934.11
WD-14D WD-15	Waste Delineation Boring Waste Delineation Boring	35.98650478	-78.87049328	3984548.466	691934.11
WD-15A	Waste Delineation Boring Waste Delineation Boring	35.98650646	-78.87068974	3984548.265	691975.67
WD-13A WD-16	Waste Delineation Boring Waste Delineation Boring	35.98670319	-78.87039692	3984570.667	691982.08
WD-16 WD-17	Waste Delineation Boring Waste Delineation Boring	35.98675891	-78.87051666	3984576.612	691971.15
WD-17 WD-17A	Waste Delineation Boring Waste Delineation Boring	35.98670173	-78.87059767	3984570.109	691963.98
WD-17A WD-17B	Waste Delineation Boring Waste Delineation Boring	35.98664069	-78.87064728	3984563.24	691959.66
WD-17B WD-17C	Waste Delineation Boring Waste Delineation Boring	35.98657706	-78.87064728 -78.87065068	3984556.174	691959.66
		35.98657706			
WD-17D	Waste Delineation Boring		-78.87075664	3984552.062	691950.04
WD-18	Waste Delineation Boring	35.98661035	-78.87072906	3984559.713	691952.36
WD-19	Waste Delineation Boring	35.98672387	-78.87075189	3984572.262	691950.02
WD-19A	Waste Delineation Boring	35.98663619	-78.87082092	3984562.399	691944.01
WD-19B	Waste Delineation Boring	35.98660178	-78.87085172	3984558.521	691941.32
WD-19C	Waste Delineation Boring	35.98653857	-78.87085889	3984551.494	691940.8
WD-19D	Waste Delineation Boring	35.9864699	-78.87091717	3984543.761	691935.74
WD-20	Waste Delineation Boring	35.98672147	-78.87093313	3984571.639	691933.69
WD-21	Waste Delineation Boring	35.98600287	-78.87008076	3984493.597	692012.28
WD-21A	Waste Delineation Boring	35.98603805	-78.87028803	3984497.092	691993.51

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

APPENDIX I



Coordinates of Selected Features Waste Delineation Assessment Report East Durham Park NONCD0000821

Durham, Durham County, North Carolina

S&ME Project No.: 23050630, Task Orders 821RI-5 and 821RI-6

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Site Feature	Туре	Location							
Site reature	Type	Latitude	Longitude	Northing	Easting				
WD-21B	Waste Delineation Boring	35.98601467	-78.87040186	3984494.274	691983.30				
WD-22	Waste Delineation Boring	35.98594256	-78.87013977	3984486.79	692007.11				
WD-22A	Waste Delineation Boring	35.98592013	-78.87032911	3984483.929	691990.09				
WD-22B	Waste Delineation Boring	35.98591779	-78.87049483	3984483.343	691975.15				
WD-23	Waste Delineation Boring	35.98580004	-78.87018709	3984470.886	692003.19				
WD-23A	Waste Delineation Boring	35.98579416	-78.87036124	3984469.891	691987.50				
WD-23B	Waste Delineation Boring	35.98578106	-78.87054373	3984468.078	691971.08				
WD-24	Waste Delineation Boring	35.98561045	-78.87060495	3984449.03	691965.97				
WD-25	Waste Delineation Boring	35.98550019	-78.87040228	3984437.197	691984.51				
WD-26	Waste Delineation Boring	35.985422	-78.87043344	3984428.462	691981.89				
WD-27	Waste Delineation Boring	35.98536576	-78.8704182	3984422.253	691983.40				
WD-28	Waste Delineation Boring	35.98521229	-78.87034586	3984405.37	691990.30				
WD-28A	Waste Delineation Boring	35.98521259	-78.87045773	3984405.182	691980.21				
WD-29	Waste Delineation Boring	35.98501918	-78.87079476	3984383.062	691950.29				
WD-29A	Waste Delineation Boring	35.98508486	-78.87087728	3984390.186	691942.69				
WD-30	Waste Delineation Boring	35.98526596	-78.87081166	3984410.406	691948.17				
WD-31	Waste Delineation Boring	35.98543296	-78.87071147	3984429.13	691956.80				
WD-32	Waste Delineation Boring	35.98560647	-78.87085531	3984448.096	691943.41				
WD-33	Waste Delineation Boring Waste Delineation Boring	35.98572047	-78.87084552	3984460.762	691944.01				
WD-34	Waste Delineation Boring	35.98591527	-78.87100266	3984482.063	691929.37				
WD-35	Waste Delineation Boring	35.98602479	-78.87063942	3984494.929	691961.86				
WD-35	Waste Delineation Boring Waste Delineation Boring	35.98535982	-78.87096331		691934.27				
WD-36 WD-37				3984420.52	691934.27				
	Waste Delineation Boring	35.98526636	-78.87119406	3984409.697					
WD-38	Waste Delineation Boring	35.98514338	-78.8713489	3984395.749	691900.03				
WD-38A	Waste Delineation Boring	35.98516952	-78.8711846	3984398.973	691914.78				
WD-39	Waste Delineation Boring	35.98541437	-78.87150048	3984425.514	691885.70				
WD-39A	Waste Delineation Boring	35.98541481	-78.87143166	3984425.698	691891.9				
WD-40	Waste Delineation Boring	35.98590475	-78.87140184	3984480.11	691893.41				
WD-41	Waste Delineation Boring	35.98602889	-78.87156179	3984493.567	691878.69				
WD-42	Waste Delineation Boring	35.98603	-78.87112942	3984494.541	691917.67				
WD-43	Waste Delineation Boring	35.98603176	-78.87126123	3984494.477	691905.78				
WD-44	Waste Delineation Boring	35.9846686	-78.87098085	3984343.803	691934.36				
WD-45	Waste Delineation Boring	35.98474982	-78.87078184	3984353.205	691952.11				
WD-46	Waste Delineation Boring	35.98523859	-78.87151885	3984405.977	691884.47				
WD-46A	Waste Delineation Boring	35.98528828	-78.87142358	3984411.677	691892.94				
WD-47	Waste Delineation Boring	35.98531831	-78.87158214	3984414.696	691878.57				
WD-48	Waste Delineation Boring	35.98553462	-78.87167126	3984438.518	691870.01				
WD-49	Waste Delineation Boring	35.98579317	-78.87166017	3984467.223	691870.39				
WD-50	Waste Delineation Boring	35.98602812	-78.87097151	3984494.644	691931.91				
WD-51	Waste Delineation Boring	35.98502198	-78.87120963	3984382.555	691912.88				
WD-51A	Waste Delineation Boring	35.98586256	-78.87120825	3984475.811	691910.96				
WD-51B	Waste Delineation Boring	35.98581239	-78.87104409	3984470.568	691925.89				
WD-52	Waste Delineation Boring	35.98573031	-78.87138035	3984460.8	691895.77				
WD-52A	Waste Delineation Boring	35.98572143	-78.87131573	3984459.942	691901.6				
WD-52B	Waste Delineation Boring	35.98565182	-78.87109616	3984452.652	691921.58				
WD-53	Waste Delineation Boring	35.98554979	-78.87142721	3984440.681	691891.98				
WD-53A	Waste Delineation Boring	35.98557516	-78.87136356	3984443.621	691897.66				
WD-54	Waste Delineation Boring	35.98602478	-78.87079152	3984494.628	691948.1				
WD-55	Waste Delineation Boring	35.9848485	-78.87086867	3984363.981	691944.04				
WD-56	Waste Delineation Boring	35.98702173	-78.86983609	3984607.11	692031.87				
WD-57	Waste Delineation Boring	35.98707173	-78.86976312	3984612.801	692038.33				
WD-58	Waste Delineation Boring	35.98692485	-78.86972512	3984596.581	692042.11				
WD-59	Waste Delineation Boring	35.98678503	-78.86980874	3984580.905	692034.91				
WD-60	Waste Delineation Boring	35.98678522	-78.86975447	3984581.033	692039.80				
WD-61	Waste Delineation Boring	35.98658486	-78.86986911	3984558.579	692029.95				

Notes

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



PROJECT:	:		С	ity of D	urham	Parks		TEST	TEST PIT LOG: TP-1		
		S&ME Pr					n Park Test Pits		Sheet 1 of 1		
DATE:	10/2	22/2024		Е	LEVATIO	N:		NOTES:			
EQUIPMEN	IT:						DATUM: NAVD88				
OPERATOR	:			D	EPTH:	8	3.0 ft				
HAMMER T	ГҮРЕ:			С	LOSURE	: Backfil	led with Cuttings				
EXCAVATIO				L	OGGED	BY: Con	nor Hicks	LATITUDE:	35.986655 LONGITUDE:	-78.869943	
SAMPLING	METHOL	D:					PROJECT COORDINATE S	SYSTEM - NAD 198	3 StatePlane North Carolina FIPS 3200	Feet	
Depth (feet)		NOTES	DEPOSITIONAL	ENVIRONMENT		MPLE NO. ECOVERY)	MATERIAL DESCRIPTION				
0							SILTY SAND tan			0-	
1-			1.0				WASTE with ash			-1-	
2-										-2 -	
3 -			4.0							-3 -	
4 - - 5 -			4.0				SILTY SAND brown			-4 - - -5 -	
6 —			6.0				SILTY SAND brown			-6 -	
7 —										-7 -	
8-			8.0				\Test Pit terminated at 8.0 fe	eet.		-8-	
9 _										-9 -	
10 —										-10 -	
11 —										-11 -	
12											
GROUNDV	VATER		DATE		DEPTH (ET)		REMARKS				
ATD		abla			(FT)					Ž.	
END OF DRIL AFTER DRILLI	-	Y									
AFTER DRILLI		▼									
		l				1				_	

PROJECT:			City of	Durham	Parks		TEST PIT LO)G: TP-2	
		S&ME Project N				n Park Test Pits	She	eet 1 of 1	
DATE:	10/22	/2024		ELEVATIO		1	NOTES:		
EQUIPMENT:						DATUM: NAVD88			
OPERATOR:			ı	DEPTH:	6	5.0 ft			
HAMMER TY	PE:			CLOSURE	: Backfil	led with Cuttings			
EXCAVATION		D:	I	LOGGED	BY: Con	nor Hicks		744 LONGITUDE :	-78.870387
SAMPLING M	IETHOD:					PROJECT COORDINATE S	YSTEM - NAD 1983 StatePlane	North Carolina FIPS 3200 F	eet
Depth (feet)		NOTES	DEPOSITIONAL	<u> </u>	MPLE NO. ECOVERY)		MATERIAL DESCRIPTION		ELEVATION
0						SILTY SAND black brown			0 -
-									-
1 —		1.0				WASTE with brick, concrete	and alacs		-1-
						WASTE WITH Brick, Concrete	, allu glass		_
2-									-2 -
		3.0							
3-						SILTY SAND brown			-3-
									-
4 —									-4 -
-									-
5-									-5 -
_									-
6 —		6.0				T			-6 -
						Test Pit terminated at 6.0 fe SILTY SAND black brown	eet.		
7 –									-7 -
,									
		8.0							
8 –				1.1.1.1					-8-
									-
9 —									-9 -
									-
10 —									-10 -
-									-
11 —									-11 -
									-
12									
GROUNDWA	TER	DATE		DEPTH (FT)		REMARKS			_
ATD	∇			(F1)				8	
END OF DRILLIN									
AFTER DRILLING AFTER DRILLING		-						$M \equiv$	
Z.N DINIELIN				1	1				

PROJECT:			City	of Durh	am Parks	TEST	TEST PIT LOG: TP-3A				
		S&ME Proj				n Park Test Pits		Sheet 1 of 1			
DATE:	10/2	22/2024			TION:		NOTES:				
EQUIPMEN	T:					DATUM: NAVD88					
OPERATOR:	:			DEPT	H: 3	3.0 ft					
HAMMER T	ГҮРЕ:			CLOS	JRE: Backfil	led with Cuttings					
EXCAVATIO	N METH	OD:		LOGG	ED BY: Con		LATITUDE:	35.986987 LONGITUDE:	-78.869938		
SAMPLING	METHO	D:				PROJECT COORDINATE S	SYSTEM - NAD 1983	StatePlane North Carolina FIPS 320	0 Feet		
Depth (feet)		NOTES	DEPOSITIONAL ENVIRONMENT	GRAPHIC	SAMPLE NO. (RECOVERY)		MATERIAL DESCRIPTION				
0						WASTE			0 -		
_									-		
1 –									-1 -		
									_		
2-									-2 -		
2									-2		
_			3.0						-		
3-						Test Pit terminated at 3.0 fe	eet.		-3-		
-									-		
4 —									-4 -		
-									-		
5 —									-5 -		
_									-		
6 —									-6 -		
7 –									-7 -		
, ,									-7		
									-		
8 –									-8-		
-									-		
9 —									-9 -		
_									-		
10 —									-10 -		
_									-		
11 —									-11 -		
									-		
12											
GROUNDW	VATER	Г	DATE		PTH	REMARKS					
ATD				(F	т)				&		
END OF DRIL		T									
AFTER DRILLI AFTER DRILLI		Y									
IN DINIEL		1			1				_		

PROJECT	Γ:			City o	f Durh	am Parks		TEST PIT LOG: TP-3B			
		S&ME					m Park Test Pits		Sheet 1 of 1		
DATE:	10,	/22/2024			ELEVA			NOTES:			
EQUIPME	NT:						DATUM: NAVD88				
OPERATOR	R:				DEPTH	l: 3	3.0 ft				
HAMMER	TYPE:				CLOSU	JRE: Backfil	led with Cuttings				
EXCAVATION					LOGG	ED BY: Con		LATITUDE:	35.987019 LONGITUDE:	-78.869948	
SAMPLING	3 METHC	DD:					PROJECT COORDINATE S	SYSTEM - NAD 1983	StatePlane North Carolina FIPS 320	0 Feet	
Depth (feet)		NOTES		DEPOSITIONAL ENVIRONMENT	GRAPHIC	SAMPLE NO. (RECOVERY)		MATERIAL DESCRIPT	TION	ELEVATION	
0							WASTE			0 -	
-										-	
1 –										-1 -	
										-	
2-										-2 -	
										-	
3-			3.0							-3-	
							Test Pit terminated at 3.0 fe	eet.		_/	
4 —										-4 -	
5-										-5 -	
3										-5	
6 –										-6 -	
_											
7 –										-7 -	
										-	
8 –										-8-	
_											
9 —										-9 -	
										-	
10 —										-10 -	
_										-	
11 –										-11 -	
										-	
12	14/4===				DEP	тн	<u> </u>				
GROUND' ATD	WATER	∇	DATE		(F		REMARKS			Q.	
END OF DRI	ILLING	Z								X	
AFTER DRILI		Y								=	
AFTER DRILI	LING	T									

PROJECT:			City of	Durhai	n Parks	TEST	TEST PIT LOG: TP-3C			
	S	&ME Project N	o. 2305	0630 - E	ast Durhar	n Park Test Pits		Sheet 1 of 1		
DATE:	10/22/2			ELEVATI			NOTES:			
EQUIPMENT:	:					DATUM: NAVD88				
OPERATOR:				DEPTH:	6	5.0 ft				
HAMMER TY	PE:			CLOSUR	E: Backfil	led with Cuttings				
EXCAVATION				LOGGE	BY: Con	nor Hicks	LATITUDE:	35.987076 LONGITUDE:	-78.869916	
SAMPLING N	1ETHOD:					PROJECT COORDINATE S	SYSTEM - NAD 1983	3 StatePlane North Carolina FIPS 3200	Feet	
Depth (feet)	NC	TES	DEPOSITIONAL ENVIRONMENT		AMPLE NO. RECOVERY)		MATERIAL DESCRIP	rion	ELEVATION	
0		6.0				SILTY SAND brown Test Pit terminated at 6.0 fe	eet.		-1	
9 — 9 — 10 — 11 — 12 — 12 — 12				DEPTH					-8 - -8 - -9 - -10 - -11 -	
GROUNDWA		DATE		(FT)	'	REMARKS			5	
ATD END OF DRILLI	NG 🗷			1					X	
AFTER DRILLING										
AFTER DRILLIN	G ▼									

PROJECT:			City of	Durham	Parks		TEST	PIT LOG: TP-3D	
		S&ME Project N				n Park Test Pits		Sheet 1 of 1	
DATE:	10/22/			ELEVATIO		1	NOTES:		
EQUIPMENT:	:		Į.			DATUM: NAVD88			
OPERATOR:				DEPTH:	6	.0 ft			
HAMMER TY	/PE:			CLOSURE	: Backfill	ed with Cuttings			
EXCAVATION		:		LOGGED	BY: Con	nor Hicks	LATITUDE:	35.987120 LONGITUDE:	-78.870095
SAMPLING N	METHOD:					PROJECT COORDINATE S	SYSTEM - NAD 1983	3 StatePlane North Carolina FIPS 3200	Feet
Depth (feet)	N	OTES	DEPOSITIONAL ENVIRONMENT		MPLE NO. ECOVERY)	ı	MATERIAL DESCRIP	TION	ELEVATION
1- 2- 3- 4- 5- 6-		6.0				SILTY SANDY brown Test Pit terminated at 6.0 fe	eet.		-1
7									-7 - -8 - -9 - -10 - -11 -
GROUNDWA	ATER	DATE		DEPTH		REMARKS			
ATD	□ □	2,112		(FT)					2
END OF DRILLI									
AFTER DRILLIN									
AFTER DRILLIN	10 <u>¥</u>							_	

PROJECT	:		City of	Durham	Parks		TEST PIT LOG: TP-3E				
		S&ME Project N				n Park Test Pits		Sheet 1 of 1			
DATE:	10/22			ELEVATIO		,	NOTES:				
EQUIPMEN	NT:					DATUM: NAVD88					
OPERATOR	l :			DEPTH:	6	.0 ft					
HAMMER	TYPE:			CLOSURE	: Backfill	ed with Cuttings					
	N METHO):		LOGGED	BY: Con	nor Hicks	LATITUDE:	35.987000 LONGITUDE:	-78.859400		
SAMPLING	METHOD:					PROJECT COORDINATE SY	YSTEM - NAD 1983	StatePlane North Carolina FIPS 320	0 Feet		
Depth (feet)	1	NOTES	DEPOSITIONAL ENVIRONMENT		MPLE NO. ECOVERY)	N	MATERIAL DESCRIPT	ION	ELEVATION		
0				1:::::::		SILTY SAND tan			0 -		
1- - 2-									-1 - -1 - 2 -		
3-									-3 -		
4 -									-4 -		
5 —		6.0							-5 - -		
6 —		6.0) <u>il:l:1</u>	11:11		Test Pit terminated at 6.0 fee	et.		-6 -		
7 -									-7 -		
8 —									-8 -		
9 —									-9 -		
10 —									-10 -		
11 -									-11 - -		
12				DEPTH							
GROUND	NATER 🖂	DATE		(FT)		REMARKS		_ =	Q.		
ATD END OF DRIL AFTER DRILL	LING 🗷										
AFTER DRILL	ING 💌										

PROJECT	•		Ci	ty of E	Ourhan	n Parks		TEST	PIT LOG: TP-3F		
		S&ME Pro					n Park Test Pits		Sheet 1 of 1		
DATE:	10/2	22/2024	-		LEVATIO			NOTES:			
EQUIPMEN	NT:						DATUM: NAVD88				
OPERATOR	₹:			D	EPTH:	6	5.0 ft				
HAMMER	TYPE:			c	LOSURI	: Backfil	led with Cuttings				
EXCAVATIO				L	OGGED	BY: Con	nor Hicks	LATITUDE:	35.986973 LONGITUDE:	-78.870083	
SAMPLING	METHOL): 					PROJECT COORDINATE S	PROJECT COORDINATE SYSTEM - NAD 1983 StatePlane North Carolina FIPS 320			
Depth (feet)		NOTES	DEPOSITIONAL	ENVIRONMENT		AMPLE NO. RECOVERY)	MATERIAL DESCRIPTION				
0							SILTY SAND tan			0 -	
1- 2- 3- 4- 5-										-1	
,]			6.0							-	
6 —			5.5	11.113.3	1:1-1-		Test Pit terminated at 6.0 fe	et.		-6 -	
										-	
7-										-7 -	
=										-	
8 –										-8-	
										-	
9 —										-9 -	
										-	
10 —										-10 -	
-										-	
11 —										-11 -	
-										-	
12					DEST				1		
GROUND			DATE		DEPTH (FT)		REMARKS			0	
ATD END OF DRII		▼								SK	
AFTER DRILL		T									
AFTER DRILL		•									

PROJECT	:		(City of D	Durham	Parks	TES	TEST PIT LOG: TP-3G				
		S&ME		-			n Park Test Pits		Sheet 1 of 1			
DATE:	10,	/22/2024	-		LEVATIO			NOTES:				
EQUIPMEN	NT:			1			DATUM: NAVD88					
OPERATOR	R:			D	EPTH:	6	.0 ft					
HAMMER	TYPE:			C	LOSURE:	Backfill	ed with Cuttings					
EXCAVATIO				L	OGGED E	Y: Con	nor Hicks	LATITUDE:	35.986875 LONGITUDE:	-78.870079		
SAMPLING	METHO	DD:					PROJECT COORDINATE S	SYSTEM - NAD 19	83 StatePlane North Carolina FIPS 3200	Feet		
Depth (feet)		NOTES	PEDCITIONAL	ENVIRONMENT		MPLE NO. COVERY)		MATERIAL DESCRI	PTION	ELEVATION		
0							WASTE			0 -		
-										-		
1 —										-1 -		
_										-		
2-										-2 -		
_										-		
3 –										-3-		
_										-		
4 —										-4 -		
										_		
5 –										-5 -		
										_		
6-			6.0							-6 -		
							Test Pit terminated at 6.0 fo	eet.		_/		
7 –										-7 -		
,]										,		
8-										-8 -		
8 -										-0-		
9-										-9 -		
9 –										-9		
10										-10 -		
10-										-10-		
44										44		
11 —										-11 -		
										-		
12	NATER		DATE	L	DEPTH		REMARKS					
ATD	· · · · · · · · · · · · · · · · · · ·	∇	DAIL		(FT)		KEMAKKS			Q.		
END OF DRIL		Z										
AFTER DRILL		Y										
AFTER DRILL	DINIL	Y							_			

PROJECT:			City c	of Durh	am Parks			TEST PIT LOG: TP-4	
		S&ME Project				n Park Test Pits		Sheet 1 of 1	
DATE:	10/2	22/2024			TION:			NOTES:	
EQUIPMENT	Т:			•		DATUM: NAVD88			
OPERATOR:				DEPTI	H: 6	.0 ft			
HAMMER TY	YPE:			CLOSI	JRE: Backfil	led with Cuttings	-		
EXCAVATION				LOGG	ED BY: Con				78.870233
SAMPLING I	METHO	D:				PROJECT COORDINATE S	SYSTE	EM - NAD 1983 StatePlane North Carolina FIPS 3200 Feet	t
Depth (feet)		NOTES	DEPOSITIONAL ENVIRONMENT	GRAPHIC	SAMPLE NO. (RECOVERY)		MATE	ERIAL DESCRIPTION	ELEVATION
0						WASTE			0 –
_									-
1 –									-1 -
									_
2-		2	2.0						-2 -
2			1 //	////		CLAY brown tan			-2
_			1 //	////					-
3 –			1 1/	////					-3 –
_				////					-
4 —			1 /	////					-4 -
_			1 /	////					-
5 —			Y/	////					-5 –
			1 //	////					-
6 –		6	5.0	<u>////</u>					-6
						Test Pit terminated at 6.0 for	eet.		_
7 –									7
/]									-7 –
									=
8 –									-8 -
-									-
9 —									-9 -
_									-
10 —									-10 -
									-
11 —									-11 -
									_
12									_
GROUNDW	/ATER	DAT	E		PTH	REMARKS			
ATD		∇		(F	т)				
END OF DRILL		T							
AFTER DRILLIN AFTER DRILLIN		Y							
		1			ı				

PROJECT	Γ:			City o	f Durh	am Parks		TES	ST PIT LOG: TP-4A	
		S&M	IE Project N				m Park Test Pits		Sheet 1 of 1	
DATE:	10,	/22/2024			ELEVA			NOTES:		
EQUIPMEI	NT:						DATUM: NAVD88			
OPERATO	R:				DEPTH	l: 7	7.0 ft			
HAMMER	TYPE:				CLOSU	JRE: Backfil	led with Cuttings			
EXCAVATION					LOGGI	ED BY: Cor		LATITUDE:		-78.869950
SAMPLING	S METH(DD:					PROJECT COORDINATES	SYSTEM - NAD 19	983 StatePlane North Carolina FIPS 320	0 Feet
Depth (feet)		NOTES		DEPOSITIONAL ENVIRONMENT	GRAPHIC	SAMPLE NO. (RECOVERY)		MATERIAL DESCR	IPTION	ELEVATION
0							WASTE			0 -
=										-
1 –										-1 -
_										-
2-										-2 -
_										_
3-										-3 -
										-
4 —										-4 -
										_
5-										-5 -
6-										-6 -
7 —			7.0							-7 -
							Test Pit terminated at 7.0 fo	eet.		
8-										-8 -
0 -										-0-
9 —										-9 -
40										-
10 —										-10 -
										-
11 —										-11 -
										-
	VV/VILD		DATE	1	DEP	тн	DEMARKS			
GROUND ATD	VVAIEK	\Box	DATE		(F	r)	REMARKS			R.
END OF DRI		A								
AFTER DRIL		Y								
AFTER DRIL	LING	Y								

PROJECT:		City	of Durh	am Parks		TEST PIT LOG: TP-5	
	S&ME	Project No. 23	3050630 -	East Durhar	n Park Test Pits	Sheet 1 of 1	
DATE:	10/21/2024		ELEVA:	TION:		NOTES:	
EQUIPMENT:			•		DATUM: NAVD88		
OPERATOR:			DEPTH	l: 9	0.0 ft		
HAMMER TYP	PE:		CLOSU	I RE: Backfil	led with Cuttings		
EXCAVATION I			LOGGI	D BY: Con		LATITUDE: 35.985953 LONGITUDE:	-78.871271
SAMPLING MI	ETHOD:				PROJECT COORDINATE S	SYSTEM - NAD 1983 StatePlane North Carolina FIPS 320	0 Feet
Depth (feet)	NOTES	DEPOSITIONAL ENVIRONMENT	GRAPHIC	SAMPLE NO. (RECOVERY)		MATERIAL DESCRIPTION	ELEVATION
0		1.0			SILTY SAND dark brown		0 -
1 –		1.0	Hersense		WASTE		-1 -
2 - - 3 -		3.0			CLAYS black		-2 - - -3 -
_							-
4 -							-4 -
5 —							-5 -
6 —							-6 -
7 —		8.0					-7 -
8 —		8.0	3 3 3 3 3				-8 -
9 —					Test Pit terminated at 9.0 fe	eet.	-9 -
10 —							-10 -
11 –							-11 — -
12			1 250	TU		T	
GROUNDWAT		DATE	DEP (F1		REMARKS		0
ATD END OF DRILLIN	G SZ						&
AFTER DRILLING							
AFTER DRILLING	; T	<u> </u>					

PROJECT:		Cit	y of Di	urham	Parks			TEST PIT LOG: TP-6	
	S&	ME Project No. 2				n Park Test Pits		Sheet 1 of 1	
DATE:	10/22/20:			EVATIO				NOTES:	
EQUIPMENT:						DATUM: NAVD88			
OPERATOR:			DE	PTH:	6	.0 ft			
HAMMER TY	PE:		CL	OSURE:	Backfill	ed with Cuttings	-		
EXCAVATION			LO	GGED B	Y : Con	nor Hicks		LATITUDE: 35.985971 LONGITUDE:	-78.870242
SAMPLING N	1ETHOD:					PROJECT COORDINATE	SYSTE	EM - NAD 1983 StatePlane North Carolina FIPS 3200	Feet
Depth (feet)	NOTE	DEPOSITIONAL	GRAPHIC	SAN (RE	IPLE NO. COVERY)		MATE	ERIAL DESCRIPTION	ELEVATION
0						SILTY SAND brown			0 -
_									-
1-									-1 -
2-									-2 -
=									-
3 –									-3 -
-									-
4 —									-4 -
									_
5-									-5-
3									
		6.0							_
6 —				///		Test Pit terminated at 6.0 f	eet.		-6 -
-			1///			CLAYS orange			-/ -
7 —		7.0	///	4					-7 -
-									-
8 –									-8-
									_
9 —									-9 -
10									40
10 —									-10 -
									-
11 —									-11 -
-									-
12			<u></u>					,	
GROUNDWA		DATE		DEPTH (FT)		REMARKS			
ATD									4
END OF DRILLING AFTER DRILLING			-+					111	
AFTER DRILLING									

PROJECT:		City o	f Durha	m Parks		TEST PIT LOG: TP-7	
	S&ME Pro				m Park Test Pits	Sheet 1 of 1	
DATE:	10/21/2024	•	ELEVAT			NOTES:	
EQUIPMENT:					DATUM: NAVD88		
OPERATOR:			DEPTH:	: 8	3.0 ft		
HAMMER TYPE:			CLOSUI	RE: Backfil	led with Cuttings		
EXCAVATION M			LOGGE	D BY: Con		LATITUDE: 35.985647 LONGITUDE:	-78.871380
SAMPLING MET	HOD:				PROJECT COORDINATE S	SYSTEM - NAD 1983 StatePlane North Carolina FIPS 3200 F	eet
Depth (feet)	NOTES	DEPOSITIONAL ENVIRONMENT		SAMPLE NO. (RECOVERY)		MATERIAL DESCRIPTION	ELEVATION
0					SILTY SAND brown		0 -
-							-
1 –		1.0			WASTE		-1-
					WASTE		_
2-							-2 -
2							-2
_		3.0					-
3-		7	7///		CLAYS white maroon		-3-
-							-
4 —							-4 -
-		//	////				-
5 —			////				-5 -
_		/	////				-
6 –							-6 -
			////				_
7		7.0	////				7
7 –							-7 -
1							-
8 –					Test Pit terminated at 8.0 fe	eet.	-8-
-							-
9 —							-9 -
_							-
10 —							-10 -
_							-
11 —							-11 -
							_
12							
GROUNDWATE	R	DATE	DEPT		REMARKS		
ATD	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		(FT)	1			
END OF DRILLING	A						
AFTER DRILLING AFTER DRILLING	Y					ME	
VI ITIV NIJITTIINA	<u> </u>						

S&ME Project No. 23050630 - East Durham Park Test Pits Sheet 1 of 1 DATE: 10/22/2024 ELEVATION: DATUM: NAVD88 OPERATOR: DEPTH: 6.0 ft HAMMER TYPE: EXCAVATION METHOD: DOTES EXCAVATION METHOD: NOTES PROJECT COORDINATE SYSTEM - NAD 1983 StatePlane North Carolina FIPS 32001 TO SAMPLING METHOD: NOTES SAMPLE NO. (RECOVERY) SILTY SAND brown SILTY SAND black SILTY SAND black	
DATE: 10/22/2024 ELEVATION: DATUM: NAVD88 DEPTH: 6.0 ft CLOSURE: Backfilled with Cuttings EXCAVATION METHOD: SAMPLING METHOD: NOTES DEPTH: 6.0 ft CLOSURE: Backfilled with Cuttings EXCAVATION METHOD: DATUM: NAVD88 LATITUDE: 35.985629 LONGITUDE: SAMPLING METHOD: PROJECT COORDINATE SYSTEM - NAD 1983 StatePlane North Carolina FIPS 32001 MATERIAL DESCRIPTION SILTY SAND brown SILTY SAND black	
DEPTH: 6.0 ft HAMMER TYPE: EXCAVATION METHOD: LOGGED BY: Conor Hicks SAMPLING METHOD: PROJECT COORDINATE SYSTEM - NAD 1983 StatePlane North Carolina FIPS 32001 TY LAW ON THE SYSTEM - NAD 1983 STATEPLANE NORTH CAROLINA FIPS 32001 SILTY SAND brown SILTY SAND black SILTY SAND black	
HAMMER TYPE: CLOSURE: Backfilled with Cuttings LATITUDE: 35.985629 LONGITUDE: SAMPLING METHOD: PROJECT COORDINATE SYSTEM - NAD 1983 StatePlane North Carolina FIPS 3200 I PROJECT COORDINATE SYSTEM - NAD 1983 StatePlane North Carolina FIPS 3200 I MATERIAL DESCRIPTION SILTY SAND brown SILTY SAND black	
EXCAVATION METHOD: SAMPLING METHOD: PROJECT COORDINATE SYSTEM - NAD 1983 StatePlane North Carolina FIPS 3200 I PROJECT COORDINATE SYSTEM - NAD 1983 StatePlane North Carolina FIPS 3200 I MATERIAL DESCRIPTION SILTY SAND brown SILTY SAND black	
SAMPLING METHOD: PROJECT COORDINATE SYSTEM - NAD 1983 StatePlane North Carolina FIPS 3200 I RECOVERY) SAMPLE NO. (RECOVERY) SILTY SAND brown SILTY SAND black	
NOTES NOTES NOTES SAMPLE NO. (RECOVERY) SILTY SAND brown SILTY SAND black SILTY SAND black	-78.870580
0	eet
0	ELEVATION
	-12 -
5-	-3 - -3 - -4 - -5 -
6 -	-6 - -7 - -8 - -9 -
10 - 11 - 12	-10 - -11 - -
GROUNDWATER DATE DEPTH REMARKS	
ATD END OF DRILLING AFTER DRILLING	

PROJECT:			City of	Durhan	n Parks		TEST	PIT LOG: TP-9	
		S&ME Project N				n Park Test Pits		Sheet 1 of 1	
DATE:	10/22,	/2024		ELEVATIO	ON:		NOTES:		
EQUIPMENT	Γ:					DATUM: NAVD88			
OPERATOR:				DEPTH:	8	3.0 ft			
HAMMER T	YPE:			CLOSURI	E: Backfil	led with Cuttings			
EXCAVATION):		LOGGED	BY: Con	nor Hicks	LATITUDE:	35.985647 LONGITUDE:	-78.871380
SAMPLING I	METHOD:					PROJECT COORDINATE S	SYSTEM - NAD 1983	3 StatePlane North Carolina FIPS 3200) Feet
Depth (feet)	r	NOTES	DEPOSITIONAL ENVIRONMENT		AMPLE NO. RECOVERY)	ı	MATERIAL DESCRIP	TION	ELEVATION
0 —		1.0				SILTY SAND tan brown			0-
1 –		1.0				WASTE			-1 -
2-		3.0				SILTY SAND orange			-2-
3-		4.0							-3-
4 — _ 5 —						CLAYS maroon white			-4 - - -5 -
6 —		6.0							-6 -
7 –									-7 -
8-						\Test Pit terminated at 8.0 fe	eet.		-8 -
9 —									-9 -
10 —									-10 -
11 –									-11 -
12									
GROUNDW	ATER	DATE		DEPTH (FT)		REMARKS			
ATD	ING 🔽			-					\$
AFTER DRILLIN	NG 💌							<u> </u>	
AFTER DRILLIN	NG 👤							_	

PROJECT:	:		City of	Durhan	n Parks		TEST PIT LOG: TP-10	
		S&ME Project N				n Park Test Pits	Sheet 1 of 1	
DATE:	10/22	2/2024		ELEVATIO		1	NOTES:	
EQUIPMEN	IT:					DATUM: NAVD88		
OPERATOR	!:			DEPTH:	6	5.0 ft		
HAMMER 1	TYPE:			CLOSURI	E: Backfil	led with Cuttings		
EXCAVATIO				LOGGED	BY: Con	nor Hicks		78.870425
SAMPLING	МЕТНОО:		\top			PROJECT COORDINATE SY	/STEM - NAD 1983 StatePlane North Carolina FIPS 3200 Feet	
Depth (feet)		NOTES	DEPOSITIONAL ENVIRONMENT		AMPLE NO. RECOVERY)	N	MATERIAL DESCRIPTION	ELEVATION
0			-			SILTY SANDY brown		0 —
_						Jack Sand Sand		-
1-								-1 -
_								-
2 –								-2 -
-								-
3 –								-3 -
_								-
4 —								-4
_								-
5 —								- 5 –
_								-
6 —		6.	0			Test Pit terminated at 6.0 fee)	-6 -
_						Test Fit terrimated at 0.0 lee	/	-
7 –								-7 -
_								-
8-								-8 -
								-
9 —								-9 -
								-
10 —								-10 –
								-
11 —								-11 -
								-
12								
GROUNDV	WATER	DATE		DEPTH		REMARKS		_
ATD	□ □			(FT)			E &	
END OF DRIL		_						
AFTER DRILL AFTER DRILL								
		ı.		1				

PROJECT:		City	of Durha	m Parks		TEST PIT LOG: TP-11	
	S&ME	Project No. 230			n Park Test Pits	Sheet 1 of 1	
DATE:	10/22/2024	<u> </u>	ELEVAT			NOTES:	
EQUIPMENT:					DATUM: NAVD88		
OPERATOR:			DEPTH	: 8	3.0 ft		
HAMMER TYP	E:		CLOSU	RE: Backfil	led with Cuttings		
EXCAVATION N			LOGGE	D BY: Con		LATITUDE: 35.985647 LONGITUDE:	
SAMPLING ME	THOD:				PROJECT COORDINATE S	SYSTEM - NAD 1983 StatePlane North Carolina FIPS 32	00 Feet
Depth (feet)	NOTES	DEPOSITIONAL ENVIRONMENT		SAMPLE NO. (RECOVERY)		MATERIAL DESCRIPTION	ELEVATION
0		:			SILTY SAND brown		0 -
_							-
1 –		1.0			MACTE		-1-
					WASTE		_
2-							-2 -
2							-2
_		3.0					-
3-			/////		CLAYS maroon white		-3-
_			/////				-
4 —			////				-4 -
-			////				_
5 —			/////				-5 -
_			////\				-
6 —			////\				-6 -
			/////				_
7			////\				7
7 –			////				-7 -
		8.0	////\				_
8-		3.0			Test Pit terminated at 8.0 fo	eet.	-8-
_							-
9 —							-9 -
							-
10 —							-10 -
_							-
11 —							-11 -
							_
12							
GROUNDWAT	ER	DATE	DEPT		REMARKS		_
ATD			(FT))	KENAMO		&
END OF DRILLING							
AFTER DRILLING AFTER DRILLING	Y						
VI ITIV DVITTIING							

PROJECT:		Cit	y of Durham	Parks		В	BORING LOG	6: WD-01	
			Project No. 2				Shee	t 1 of 1	
DATE:	09/03/202		ELEVATIO		1	NOTES	:		
EQUIPMENT:	Geoprobe	6620DT	'		DATUM:				
OPERATOR:	Rick Wolf		DEPTH:	10.0	O ft				
HAMMER TY	PE: Not Appl	icable	CLOSURE:	Mixture of E	Bentonite Chips and Cutting	gs			
DRILLING ME		Т	LOGGED E	BY: Chelse		LATITUE		5 LONGITUDE:	-78.869943
SAMPLING M	ETHOD:			PI	ROJECT COORDINATE S	YSTEM - NAI	∂ 1983 StatePlane No	orth Carolina FIPS 320	0 Feet
Depth (feet)	NOTES	DEPOSITIONAL ENVIRONMENT	GRAPHIC	AMPLE NO.		MATERIAL DE	SCRIPTION		WATER LEVEL
0 - 1- 2-		0.5	e sille sille sille		OPSOIL ANDY SILT soft, light brown	ı			
3 - 4 - 5		3.0		BI	lack, Incinerator waste (bla	ck soil with g	glass)		
- 6 - - 7 -		5.5		SI	LTY CLAY soft, brown, dry,	no staining, ı	no odor		
8 — _ _ 9 —									
10 —		10.0		Be	ore Hole terminated at 10.	0 feet.			
11 – – 12 –									
13 —									
14 —									
15									
GROUNDWA ATD	TER 🖂	DATE	DEPTH (FT)		REMARKS				&
END OF DRILLING AFTER DRILLING AFTER DRILLING	j y							m =	

PROJECT:		City o	of Durham	Parks		BORIN	IG LOG: WD-02	
			roject No. 2				Sheet 1 of 1	
DATE:	09/03/2024		ELEVATIO			NOTES:		
EQUIPMENT:	Geoprobe 6	6620DT			DATUM:			
OPERATOR:	Rick Wolf		DEPTH:	10.0	O ft			
HAMMER TYP	PE: Not Applic	cable	CLOSURE:	Mixture of E	Bentonite Chips and Cutting	s		
DRILLING ME			LOGGED E	BY: Chelse			5.986535 LONGITUDE:	-78.870011
SAMPLING M	ETHOD:	<u> </u>		PI	ROJECT COORDINATE S	YSTEM - NAD 1983 St	atePlane North Carolina FIPS 3200	Feet
Depth (feet)	NOTES	DEPOSITIONAL	GRAPHIC	AMPLE NO.		MATERIAL DESCRIPTION	DN	WATER LEVEL
0		0.5 silk silk	<u>alia alia</u> alia aka a	т	OPSOIL			
1 - - 2 -				SA	ANDY SILT light brown			
3 –		3.0		BI	ack, Incinerator waste (bla	ck soil with glass)		
4 —								
5 —		5.5						
6 — - 7 —		5.5		SI	LTY CLAY brown, dry, no sta	aining, no odor		
8 –								
9 —								
10 —		10.0	///	Bo	ore Hole terminated at 10.	0 feet.		
11 —								
12 –								
13 —								
14 —								
15			DEPTH					
GROUNDWA		DATE	(FT)		REMARKS			
ATD END OF DRILLIN	IG 🗷						= 8	K
AFTER DRILLING	5 T						111) =	
AFTER DRILLING							111 =	

PROJECT:		City of	Durham	Parks			BORING LOG: WD-03	
		S&ME Pro	ject No. 2	3050630			Sheet 1 of 1	
DATE:	09/03/2024		ELEVATION	V:			NOTES:	
EQUIPMENT:	Geoprobe 662	ODT			DATUM:			
OPERATOR:	Rick Wolf		DEPTH:	12	.0 ft			
HAMMER TYP	E: Not Applicab	ole	CLOSURE:	Mixture of	Bentonite Chips and Cutting	gs		
DRILLING MET			LOGGED B				LATITUDE: 35.986621 LONGITUDE: -78.8	369877
SAMPLING ME	THOD:			F	PROJECT COORDINATE S	YSTE	EM - NAD 1983 StatePlane North Carolina FIPS 3200 Feet	
Depth (feet)	NOTES	DEPOSITIONAL	SA	AMPLE NO.		MAT	ERIAL DESCRIPTION	WATER LEVEL
0		0.5 sales ales	alt <u>a</u> alta Ita aa a	1	TOPSOIL			
1-				S	ANDY SILT light brown			
3 - - 4 - - 5 -		3.0 E		1	oose, black, Incinerator wa	aste (black soil with glass chunks)	
6 - - 7 - - 8 - - 9 -				S	SILTY CLAY firm, brown, mo	ist		
10 — - 11 — - 12 —		12.0					own and gray, dry, Refusal at 12ft	
· <u>-</u>				_E	Bore Hole terminated at 12	.0 fee	et.	
13 — - 14 — -								
15			DEPTH					
GROUNDWAT		DATE	(FT)		REMARKS			
ATD END OF DRILLING			-				&	
AFTER DRILLING	▼						111 =	
AFTER DRILLING	•							

PROJECT:			Cit	ty of D	urham I	Parks			BORII	NG LOG:	WD-04		
			S&M	E Proje	ct No. 2	3050630				Sheet .	1 of 1		
DATE:	09/03/	2024		EI	LEVATION	l :		•	NOTES:				
EQUIPMENT:	Geopro	be 6620DT		ļ			DATUM:						
OPERATOR:	Rick W	olf		D	EPTH:	10	.0 ft						
HAMMER TYP	E: Not A	pplicable		CI	LOSURE:	Mixture of	Bentonite Chips and Cuttir	ngs					
DRILLING MET	ГНОD:	DPT		LC	OGGED B		ea Parra				LONGITUDI		3.869953
SAMPLING MI	ETHOD:		1 1			I	PROJECT COORDINATE	SYSTI	EM - NAD 1983 S	tatePlane Nort	h Carolina FIPS	3200 Feet	
Depth (feet)	NO	TES	DEPOSITIONAL ENVIRONMENT	GRAPHIC		MPLE NO.		MAT	ERIAL DESCRIPTI	ON			WATER LEVEL
0		0.5	1 6	ik <u>alk</u> al alk alk	te_silte		TOPSOIL						
1-		2.0				:	SANDY SILT light brown						
2-		2.0					Loose, black, Incinerator w	aste (black soil with	glass chunk	ss)		_
3 -													
4 — - 5 —			臣										
6-													
7 —		7.0			/	:	SILTY CLAY firm, brown, mo	oist					_
8 —													
9 —													
10 —		10.0		1111//			Bore Hole terminated at 10	0.0 fee	et.				7
11 —													
12 -													
13 -													
14 –													
GROUNDWAT	ΓER	DA	TE		DEPTH (FT)		REMARKS						
ATD	\Box				(F1)					1		&	
END OF DRILLING													
AFTER DRILLING													

PROJECT:		City	of Durham	Parks			BORING	LOG: WD-05	
			Project No. 2				3	Sheet 1 of 1	
DATE:	09/03/2024		ELEVATIO			ſ	NOTES:		
EQUIPMENT:	Geoprobe 662	20DT	1		DATUM:				
OPERATOR:	Rick Wolf		DEPTH:	5.0	ft				
HAMMER TYP	E: Not Applicat	ole	CLOSURE	: Mixture of E	Bentonite Chips and Cutting	gs _			
DRILLING MET			LOGGED I	BY: Chelse				986518 LONGITUDE:	-78.869928
SAMPLING ME	THOD:			P	ROJECT COORDINATE S	YSTE	M - NAD 1983 State	Plane North Carolina FIPS 320) Feet
Depth (feet)	NOTES	DEPOSITIONAL	GRAPHIC	AMPLE NO.		MATE	ERIAL DESCRIPTION		WATER LEVEL
0			<u>alk alk alk</u> k alk as a	TO	OPSOIL				
_		0.5	lte allte ate al		oose, black, Incinerator wa	ste (b	black soil with gla	ss chunks)	
1 –									
_									
2 –									
3 –									
_									
4 —									
_		E 0							
5 —		5.0			ore Hole terminated at 5.0) feet.			
_			///	SI	LTY CLAY brown, moist				/
6 —			///						
7 –			///						
_			 ///						
8-			///						
-			///						
9 —			[///						
		10.0	///						
10 —									
11 —									
12 —									
_									
13 —									
-									
14 —									
15									
GROUNDWAT	ER	DATE	DEPTH (FT)		REMARKS				
ATD	\Box		(,						3.
END OF DRILLING									
AFTER DRILLING	Y								
	. '		•	•				, , ,	

PROJECT:		City o	of Durham	Parks			BORING LOG: WD-06	
			oject No. 2				Sheet 1 of 1	
DATE:	09/03/2024		ELEVATIO	N:		ľ	NOTES:	
EQUIPMENT:	Geoprobe 66	20DT	-1		DATUM:			
OPERATOR:	Rick Wolf		DEPTH:	5.0	ft			
HAMMER TYPI	E: Not Applical	ble	CLOSURE:	Mixture of E	Bentonite Chips and Cutting	gs		
DRILLING MET			LOGGED E	BY: Chelse				869988
SAMPLING ME	THOD:			P	ROJECT COORDINATE S	YSTE	M - NAD 1983 StatePlane North Carolina FIPS 3200 Feet	
Depth (feet)	NOTES	DEPOSITIONAL ENVIRONMENT	GRAPHIC S.	AMPLE NO.		MATE	ERIAL DESCRIPTION	WATER LEVEL
0			<u>alia alia</u> alia da al	TO	OPSOIL			
-		0.5	alle de al		ack, Incinerator waste (bla	ack so	il with glass chunks)	
1 –		Ē						
2-		2.0						
_			///	SI	LTY CLAY brown, dry			
3 –			///					
-			///					
4 —			///					
_		5.0	///					
5 —				В	ore Hole terminated at 5.0	feet.		
6-								
7 —								
-								
8 –								
_								
9 —								
10 —								
_								
11 —								
-								
12 –								
13 —								
-								
14 —								
_								
15			DEPTH					
GROUNDWAT		DATE	(FT)		REMARKS			
ATD END OF DRILLING								
AFTER DRILLING	•							
AFTER DRILLING	▼							

PROJECT:		City	y of Durham	Parks			ВОГ	RING	LOG:	WD-07		
			Project No. 2					9	heet :	1 of 1		
DATE:	09/03/2024		ELEVATIO			N	OTES:					
EQUIPMENT:	Geoprobe 662	20DT	1		DATUM:							
OPERATOR:	Rick Wolf		DEPTH:	10.0) ft							
HAMMER TYP	E: Not Applicat	ole	CLOSURE	Mixture of E	Bentonite Chips and Cutting	gs						
DRILLING MET			LOGGED E	BY: Chelse			TITUDE:			LONGITUD		8.870022
SAMPLING ME	THOD:		<u> </u>	PI	ROJECT COORDINATE S	YSTEN	- NAD 198	33 Statel	lane Nort	h Carolina FIPS	3200 Feet	
Depth (feet)	NOTES	DEPOSITIONAL	GRAPHIC	AMPLE NO.		MATER	IAL DESCRI	PTION				WATER LEVEL
0		0.5	s <u>alts alts al</u> ts alts alts as a	TO	OPSOIL							
_		0.5	alle alle de al	Lo	oose, black, Incinerator wa	aste (bla	ick soil ar	ıd glas	s)			
1-												
2-												
_												
3 –												
_												
4 —												
_												
5 —												
6-		6.0										
			/////	SA	ANDY LEAN CLAY moist to v	wet, W	et clayey	sand n	ative			
7 –			/////									
_		//	/////									
8 –		/	/////									
-		/										
9 —			/////									
10 —		10.0										
_				Be	ore Hole terminated at 10.	.0 feet.						1
11 —												
-												
12 —												
13 —												
14 —												
15			DEPTH									
GROUNDWAT		DATE	(FT)		REMARKS						O	
ATD END OF DRILLING	G V							\dashv			&	
AFTER DRILLING										\mathbf{III}		
AFTER DRILLING	▼											

PROJECT:				City of	Durham	Parks				BOR	ING LOG	: WD-08		
			S8	&ME Pro	ject No. 2	3050630)				Sheet	1 of 1		
DATE:	09/03/	′2024			ELEVATIO	N:				NOTES:				
EQUIPMENT:	Geopre	obe 6620D	T	Į.			[DATUM:						
OPERATOR:	Rick W	olf			DEPTH:	10	0.0 f	t						
HAMMER TYP	E: Not A	Applicable			CLOSURE:	Mixture o	of Ben	ntonite Chips and Cutting	gs					
DRILLING MET		DPT			LOGGED E					LATITUDE:		LONGITUDE		.870083
SAMPLING MI	ETHOD:						PRO	JECT COORDINATE S	YSTI	EM - NAD 1983	StatePlane Nor	th Carolina FIPS	3200 Feet	
Depth (feet)	NO	TES	DEPOSITIONAL	ENVIRONMENT	S	AMPLE NO.			MAT	ERIAL DESCRIP	TION			WATER LEVEL
0			0.5	<u>alle alle</u> e alle al	alte_alte		TOP	SOIL						
1-							Loos	se, black, Incinerator wa	aste (black soil wit	h glass)			
2-														
3 -														
4 — - 5 —														
6-			5.5				SAN	DY SILT light brown to d	dark b	orown, moist	to wet			
7 – – 8 –														
9 —														
10 —		1	0.0				Bore	e Hole terminated at 10).0 fee	et.				
11 —														
12 — _														
13 -														
14 –														
GROUNDWAT	ΓER	ı	DATE		DEPTH (FT)			REMARKS						
ATD	\Box				,								&	
END OF DRILLING														
AFTER DRILLING														

PROJECT:		City	of Durham	Parks			BORING LOG: WD-09	
		S&ME P	Project No. 2	3050630			Sheet 1 of 1	
DATE:	09/03/2024		ELEVATIO	N:	·		NOTES:	
EQUIPMENT:	Geoprobe 662	20DT			DATUM:			
OPERATOR:	Rick Wolf		DEPTH:	10.	0 ft			
HAMMER TYP	E: Not Applicat	ole	CLOSURE:	Mixture of I	Bentonite Chips and Cutting	gs		
DRILLING MET			LOGGED B				LATITUDE: 35.986415 LONGITUDE: -78.	870133
SAMPLING ME	THOD:			Р	ROJECT COORDINATE S	YSTE	EM - NAD 1983 StatePlane North Carolina FIPS 3200 Feet	
Depth (feet)	NOTES	DEPOSITIONAL ENVIRONMENT	GRAPHIC 99	AMPLE NO.		MAT	ERIAL DESCRIPTION	WATER LEVEL
0		0.5	alte alte alte	Т	OPSOIL			
_		0.0		В	lack, Incinerator waste (bla	ack so	oil with glass)	
1-								
2-								
_								
3 –								
_								
4 —								
_								
5 —								
6 —		5.5		S	ANDY SILT light brown to d	dark b	prown, moist to wet	
7 –								
8-								
9 —								
_								
10 —		10.0	ШШЩ	R	ore Hole terminated at 10.	.0 fee	et.	
				ا				
11 —								
10								
12 –								
13 —								
_								
14 —								
-								
15			DEPTH					
GROUNDWAT		DATE	(FT)		REMARKS			
ATD END OF DRILLING	G 🔽						8	
AFTER DRILLING	+ +							
AFTER DRILLING								

PROJECT:		Cit	y of Durh	am Parks			BORING LOG: WD-10	
		S&MI	E Project N	o. 23050630			Sheet 1 of 1	
DATE:	09/03/2024		ELEVA	TION:			NOTES:	
EQUIPMENT:	Geoprobe 662	20DT	1		DATUM:			
OPERATOR:	Rick Wolf		DEPTH	H: 10	0.0 ft			
HAMMER TYP	E: Not Applicat	ole	CLOSU	JRE: Mixture o	f Bentonite Chips and Cuttin	ngs		
DRILLING MET			LOGG	ED BY: Chel				870164
SAMPLING ME	THOD:				PROJECT COORDINATE S	SYSTE	EM - NAD 1983 StatePlane North Carolina FIPS 3200 Feet	
Depth (feet)	NOTES	DEPOSITIONAL ENVIRONMENT	GRAPHIC	SAMPLE NO.		MAT	ERIAL DESCRIPTION	WATER LEVEL
0		0.5	lis <u>allis allis a</u> llis allis allis as a		TOPSOIL			
_		0.5	and and as a		Incinerator ash and glass			
1-								
2-								
_								
3 —								
_								
4 —								
5 —								
6-		6.0						
_					CLAYEY SAND brown, moist	t to w	et	
7 —								
_								
8 –								
_								
9 —								
10 —		10.0		ļ				
_					Bore Hole terminated at 10	0.0 fee	et.	
11 —								
-								
12 —								
13 —								
14 —								
15			DEF	тн				
GROUNDWAT		DATE	(F		REMARKS			
ATD END OF DRILLING								
AFTER DRILLING	•							
AFTER DRILLING								

PROJECT:			City	of Durha	m Parks			BORING LOG: V	VD-11	
					. 23050630			Sheet 1	of 1	
DATE:	09/03/2	2024		ELEVAT				NOTES:		
EQUIPMENT:	Geopro	be 6620DT				DATUM:				
OPERATOR:	Rick Wo	olf		DEPTH:	10	.0 ft				
HAMMER TYI	PE: Not Ap	plicable		CLOSUI	RE: Mixture of	Bentonite Chips and Cuttin	ngs			
DRILLING ME		DPT		LOGGE	D BY: Chels			LATITUDE: 35.986401 L		8.870046
SAMPLING M	ETHOD:				F	PROJECT COORDINATE S	SYSTE	M - NAD 1983 StatePlane North (Carolina FIPS 3200 Feet	
Depth (feet)	NOT	ES	DEPOSITIONAL ENVIRONMENT	GRAPHIC	SAMPLE NO.		MAT	ERIAL DESCRIPTION		WATER LEVEL
0		0.5	316, 3	11ts_31ts_31ts 31ts_3s_31	1	TOPSOIL				
1 –					Ī	ncinerator ash and glass				
'										
2 —										
-										
3 –										
4 —										
-										
5 —										
-		6.0								
6 —		6.0		/////	(CLAYEY SAND brown, moist	t to w	et		
7 –										
8-										
9 —										
10 —		10.0			\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Bore Hole terminated at 10) () for	ot .		
-						sore mole terminated at 10	J.0 166	:		
11 —										
12 —										
-										
13 —										
-										
14 —										
15										
GROUNDWA	TER	DA	TE	DEPT (FT)		REMARKS				
ATD	\Box			(4.7)					&	
END OF DRILLIN	IG 🗷									
AFTER DRILLING	g 💌									
AFTER DRILLING	i 💌								$M \equiv$	
				· · · · · · · · · · · · · · · · · · ·				_	_	

PROJECT:		Cit	ty of Durh	nam Parks			BORING LOG: WD-12	
		S&M	E Project N	lo. 23050630			Sheet 1 of 1	
DATE:	09/03/2024			ATION:			NOTES:	
EQUIPMENT:	Geoprobe 662	20DT	l .		DATUM:			
OPERATOR:	Rick Wolf		DEPT	H: 10	0.0 ft			
HAMMER TYP	E: Not Applicat	ole	CLOS	URE: Mixture o	of Bentonite Chips and Cuttin	ngs		
DRILLING MET			LOGG	GED BY: Chel				870076
SAMPLING ME	THOD:				PROJECT COORDINATE S	SYSTE	EM - NAD 1983 StatePlane North Carolina FIPS 3200 Feet	
Depth (feet)	NOTES	DEPOSITIONAL ENVIRONMENT	GRAPHIC	SAMPLE NO.		MAT	ERIAL DESCRIPTION	WATER LEVEL
0		0.5	ilis <u>silis silis s</u> ilis silis silis sis s	;	TOPSOIL			
, -		0.5	\$102 \$102 \$22 \$		Incinerator ash and glass			
1-								
2-								
_								
3 —								
_								
4 —								
5 —								
6-		6.0						
					CLAYEY SAND brown, moist	t to w	et	
7 —								
_								
8-			/////					
_								
9 —								
10 —		10.0	/////					
_					Bore Hole terminated at 10	0.0 fee	et/	
11 —								
-								
12 —								
13 —								
14 —								
_								
15			DE DE	PTH				
GROUNDWAT		DATE		FT)	REMARKS			
ATD END OF DRILLING							&	
AFTER DRILLING	•							
AFTER DRILLING	_ ▼							

PROJECT:				City of	Durham	Parks			BORING LOG: WD-13	
			S8	ME Proj	ject No. 2	3050630			Sheet 1 of 1	
DATE:	09/03/	/2024			ELEVATIO	N:			NOTES:	
EQUIPMENT:	Geopr	obe 6620[)T	,			DATUM:			
OPERATOR:	Rick W	/olf			DEPTH:	10).0 ft			
HAMMER TYP	E: Not <i>A</i>	Applicable			CLOSURE:	Mixture of	f Bentonite Chips and Cuttir	ngs		
DRILLING MET		DPT		I	LOGGED B					870529
SAMPLING MI	ETHOD:				<u> </u>		PROJECT COORDINATE	SYSTI	EM - NAD 1983 StatePlane North Carolina FIPS 3200 Feet	
Depth (feet)	NO	OTES	DEPOSITIONAL	ENVIRONMENT	Si	AMPLE NO.		MAT	FERIAL DESCRIPTION	WATER LEVEL
0			0.5	<u>alia alia</u> a alia ali	alta_alta		TOPSOIL			
1-							SILTY SAND light brown to	browi	n, dry	
3 —			3.0			-	Loose, black, Incinerator w	ıasta l	(black soil and ash)	
4 — - 5 —							Loose, black, memerator w	raste ((Black 3011 and a311)	
6 — - 7 —			6.0				SILT with clay, tan and brov	wn, m	oist	
8-										
9 -		1	.0.0							
10 —							Bore Hole terminated at 10	0.0 fe	et.	
11 —										
12 — —										
13 —										
14 —										
15	TER		DATE		DEPTH		REMARKS			
ATD					(FT)				8	
END OF DRILLING AFTER DRILLING	•									
AFTER DRILLING	▼									

PROJECT:		City o	f Durham	Parks			BORING LOG: WD-13A	
		S&ME Pr	oject No. 2	3050630			Sheet 1 of 1	
DATE:	09/03/2024		ELEVATION	N:	·		NOTES:	
EQUIPMENT:	Geoprobe 662	20DT			DATUM:			
OPERATOR:	Rick Wolf		DEPTH:	10.	0 ft			
	E: Not Applicat	ole	CLOSURE:		Bentonite Chips and Cutting	gs		
DRILLING MET			LOGGED B				LATITUDE: 35.986224 LONGITUDE: -78.6	870693
SAMPLING ME	THOD:			P	ROJECT COORDINATE S	YSTE	EM - NAD 1983 StatePlane North Carolina FIPS 3200 Feet	
Depth (feet)	NOTES	DEPOSITIONAL ENVIRONMENT	_	AMPLE NO.		MAT	ERIAL DESCRIPTION	WATER LEVEL
0		الله عالي عالي عالي عالم عالم	<u>. alte alte</u> alte de al	Т	OPSOIL			
1 – 2 – –				S	ILTY SAND light brown to b	prowr	n, dry	
3 —		3.0		E	Black, Incinerator waste (bla	ack so	oil and ash)	
4 — - 5 — -		€.0						
6 -				S	ILT with clay, tan and brow	vn, mo	oist	
10 —		10.0		\E	Bore Hole terminated at 10.	.0 fee	et.	
11 —								
12 —								
_								
13 —								
_								
14 —								
15		DATE	DEPTH		BP1			
GROUNDWAT		DATE	(FT)		REMARKS			
ATD END OF DRILLING	G V						&	
END OF DRILLING AFTER DRILLING	+ +							
AFTER DRILLING								
				1				

PROJECT:				City o	f Durha	ım Parks				BOR	ING LOG	: WD-13	3	
			S	&ME Pr	oject No	. 23050630	0				Sheet	1 of 1		
DATE:	09/03/	/2024			ELEVAT	ION:				NOTES:				
EQUIPMENT:	Geopre	obe 6620	DT		•			DATUM:						
OPERATOR:	Rick W	olf			DEPTH	: 1	10.0	ft						
HAMMER TYP	E: Not A	Applicable	<u> </u>		CLOSU	RE: Mixture	of Be	ntonite Chips and Cutting	gs					
DRILLING MET		DPT			LOGGE	D BY: Che				LATITUDE:		LONGITUDI		3.870929
SAMPLING MI	ETHOD:						PRO	DJECT COORDINATE S	SYSTI	EM - NAD 1983	StatePlane No	rth Carolina FIPS	3200 Feet	
Depth (feet)	NO	OTES	DEPOSITIONAL	ENVIRONMENT	GRAPHIC	SAMPLE NO.			MAT	ERIAL DESCRIP	TION			WATER LEVEL
0			0.5	316, 316	<u>. alte alte</u> alte ae al		TOF	PSOIL						
1-			0.5	2 802	5112 512		SILT	(ML), brown						
3-4-			4.5											
5 — - 6 — - 7 —							Did	ck, Incinerator waste						
8 - -			8.0				SILT	(ML), brown						
9 — _ 10 —			10.0											,
11 —							Bor	e Hole terminated at 10).U fee	et.			/	
12 — -														
13 — —														
14 –														
GROUNDWAT	ΓER		DATE		DEPT			REMARKS						
ATD	✓				(FT)								&	
END OF DRILLING	•													
AFTER DRILLING	_	<u> </u>												

PROJECT:		City o	f Durham	Parks			BORING LOG: WD-14	
		S&ME Pi	oject No. 2	3050630			Sheet 1 of 1	
DATE:	09/03/2024		ELEVATIO	N:		I	NOTES:	
EQUIPMENT:	Geoprobe 66	20DT	1		DATUM:			
OPERATOR:	Rick Wolf		DEPTH:	5.0	ft			
HAMMER TYP	E: Not Applica	ble	CLOSURE:	Mixture of E	Bentonite Chips and Cutting	gs		
DRILLING MET			LOGGED E	BY: Chelse				870426
SAMPLING ME	THOD:			P	ROJECT COORDINATE S	YSTE	M - NAD 1983 StatePlane North Carolina FIPS 3200 Feet	
Depth (feet)	NOTES	DEPOSITIONAL ENVIRONMENT	GRAPHIC	AMPLE NO.		MATI	ERIAL DESCRIPTION	WATER LEVEL
0			<u> </u>	TO	OPSOIL			
_		0.5	2016 26 21	In	ncinerator waste (black soil	and	glass)	
1 –								
2-								
_								
3 –		3.0		D	WR SILT (ML), stiff, red brow	1410 0	No.	
_					WK SILI (IVIL), Still, red blo	wii, c	шу	
4 —								
-		5.0						
5 —		3.0		В	ore Hole terminated at 5.0	feet		
6-								
7 —								
_								
8-								
-								
9 —								
10 —								
10 —								
11 —								
-								
12 —								
-								
13 —								
14 —								
"								
15								
GROUNDWAT	ER	DATE	DEPTH (FT)		REMARKS			
ATD	\Box						&	
END OF DRILLING AFTER DRILLING								
AFTER DRILLING	•							

PROJECT:		City of	Durham	Parks			BORING LOG: WD-14A	
		S&ME Pro	ject No. 2	3050630			Sheet 1 of 1	
DATE:	09/03/2024		ELEVATION	N:			NOTES:	
EQUIPMENT:	Geoprobe 662	20DT			DATUM:			
OPERATOR:	Rick Wolf		DEPTH:	10.	0 ft			
HAMMER TYP	E: Not Applicat	ole	CLOSURE:	Mixture of	Bentonite Chips and Cutting	gs		
DRILLING MET			LOGGED B				LATITUDE: 35.986640 LONGITUDE: -78	.870505
SAMPLING ME	THOD:		1	P	ROJECT COORDINATE S	YSTE	EM - NAD 1983 StatePlane North Carolina FIPS 3200 Feet	
Depth (feet)	NOTES	DEPOSITIONAL	-	AMPLE NO.		MAT	ERIAL DESCRIPTION	WATER LEVEL
0		0.5	216 <u>2</u> 16 16 36 31	Т	OPSOIL			
1 –				S	ANDY SILT tan and brown,	dry		
2-		2.0						
					oose, black, Incinerator wa	aste (I	black soil with glass)	
3 —								
-		量						
4 —								
		5.0						
5 — - 6 —				S	ILT (ML), with clay, tan bro	wn, d	dry	
7 – 8 –								
9 —		10.0						
10 —				В	ore Hole terminated at 10.	.0 fee	et.	
11 —								
12 —								
=								
13 —								
-								
14 —								
45								
15	FR	DATE	DEPTH		REMARKS			
ATD		DAIL	(FT)		NEIVIANNO		&	
END OF DRILLING			+					
AFTER DRILLING	•							
AFTER DRILLING	•							

PROJECT:		City of	Durham I	Parks			BORING LOG: WD-14B	
		S&ME Pro	ject No. 2	3050630			Sheet 1 of 1	
DATE:	09/03/2024		ELEVATION	V:			NOTES:	
EQUIPMENT:	Geoprobe 662	20DT	1		DATUM:			
OPERATOR:	Rick Wolf		DEPTH:	10.	0 ft			
HAMMER TYP	E: Not Applicab	ole	CLOSURE:	Mixture of	Bentonite Chips and Cutting	gs		
DRILLING MET		· ·	LOGGED B				LATITUDE: 35.986391 LONGITUDE: -78	.870503
SAMPLING ME	THOD:	1		P	ROJECT COORDINATE S	SYSTE	EM - NAD 1983 StatePlane North Carolina FIPS 3200 Feet	
Depth (feet)	NOTES	DEPOSITIONAL	-	AMPLE NO.		MAT	ERIAL DESCRIPTION	WATER LEVEL
0		0.5	. 216 <u>. 2</u> 16 16. 26. 21	Т	OPSOIL			
1 – 1 – 2 –		2.0			ANDY SILT tan and brown,			
3 - - 4 - - 5 -		HE		E	Black, Incinerator waste (bla	ack so	oil with glass)	
- 6 - 7 - - 8 -		6.0		S	ILT (ML), with clay, tan bro	own, c	dry	
9 - - 10 - - 11 - - 12 -		10.0		E	Bore Hole terminated at 10	0.0 fee	et. /	
13 -								
GROUNDWAT	ER	DATE	DEPTH		REMARKS			
ATD		PAIL	(FT)		VENIVIVA		&	
END OF DRILLING	 							
AFTER DRILLING	•							
AFTER DRILLING	▼							

PROJECT:		Ci	ty of Durha	am Parks			BORING LO	OG: WD-14C	
			-	o. 23050630			She	eet 1 of 1	
DATE:	09/03/202	24	ELEVA	TION:			NOTES:		
EQUIPMENT:	Geoprobe	6620DT	,		DATUM:				
OPERATOR:	Rick Wolf		DEPTH	l: 10).0 ft				
HAMMER TYP	E: Not App	licable	CLOSU	JRE: Mixture o	f Bentonite Chips and Cuttir	ngs			
DRILLING ME		T	LOGGE	ED BY: Chel:				360 LONGITUDE:	-78.870675
SAMPLING M	ETHOD:				PROJECT COORDINATE	SYSTE	M - NAD 1983 StatePlan	e North Carolina FIPS 3200	Feet
Depth (feet)	NOTES	DEPOSITIONAL ENVIRONMENT	GRAPHIC	SAMPLE NO.		MATI	ERIAL DESCRIPTION		WATER LEVEL
0		0.5 ²	ske ske ske ske		TOPSOIL SILT (ML), brown Black, Incinerator waste				
6 - 7 - 8 - 9 -		8.0			SILT (ML), brown				
10 —		10.0			Bore Hole terminated at 10	0.0 fee	et.		
- 11 - -									
12 —									
13 —									
14 -									
15	TER	DATE	DEP		REMARKS				
ATD		DAIL	(F1	r)	ILIVIANA				,
END OF DRILLIN	G 🗷								
AFTER DRILLING AFTER DRILLING								111 E	
TEN DIVILLING	, <u> - </u>								

PROJECT:			Cit	y of D	urham I	Parks			BORI	NG LOG:	WD-14D		
						3050630				Sheet	1 of 1		
DATE:	09/03/2	024		EL	EVATION	V:			NOTES:				
EQUIPMENT:	Geoprob	e 6620DT					DATUM:						
OPERATOR:	Rick Wol	lf		DE	EPTH:	10.	0 ft						
HAMMER TYP	E: Not Ap	plicable		CL	OSURE:	Mixture of	Bentonite Chips and Cuttin	ngs					
DRILLING MET		DPT		LC	OGGED B	Y: Chelse			LATITUDE:		LONGITUDE:		870939
SAMPLING MI	ETHOD:					P	ROJECT COORDINATE S	SYSTE	M - NAD 1983	StatePlane Nor	th Carolina FIPS 320	0 Feet	
Depth (feet)	NOTE	s	DEPOSITIONAL	GRAPHIC		AMPLE NO.		MAT	ERIAL DESCRIPT	TION			WATER LEVEL
0 — — — — — — — — — — — — — — — — — — —		0.3	21/12	k alik ali	<u>s. salvs</u>	S	OPSOIL ILT (ML), brown						
5 — — — — — — — — — — — — — — — — — — —		8.0	⊞.				idek, memerator waste						
8 — - 9 — -						S	ILT (ML), brown						
10 —		10.0				В	ore Hole terminated at 10	0.0 fee	et.				
11 -													
12 –													
13 —													
14 —													
15 <u></u>	rep	D.45			DEPTH		DENANDIC						
GROUNDWAT ATD	IEK 🖂	DAT	i C		(FT)		REMARKS			_		Q.	
END OF DRILLIN				+						\dashv		X	
AFTER DRILLING	•										111 =		
AFTER DRILLING	▼										,,,,		

PROJECT:			(City of	Durham	Parks			BORI	NG LOG:	WD-15		
			S&I	ME Proj	ect No. 2	3050630				Sheet	1 of 1		
DATE:	09/03/	/2024		E	LEVATIO	N:			NOTES:				
EQUIPMENT:	Geopre	obe 6620D	Т	<u>"</u>			DATUM:						
OPERATOR:	Rick W	/olf		[DEPTH:	10	.0 ft						
HAMMER TYP	E: Not A	Applicable		(CLOSURE:	Mixture of	Bentonite Chips and Cuttir	ngs					
DRILLING MET		DPT		L	.OGGED B						LONGITUDE		3.870493
SAMPLING MI	ETHOD:					F	PROJECT COORDINATE	SYSTI	EM - NAD 1983	StatePlane Nort	th Carolina FIPS	3200 Feet	
Depth (feet)	NO	OTES	DEPOSITIONAL ENVIRONMENT	GRAPHIC	SA	AMPLE NO.		MAT	ERIAL DESCRIPT	TION			WATER LEVEL
0).5	<u>alis alis</u> ;	alk <u>a</u> lk	-	TOPSOIL						
1 -						5	SANDY SILT tan and brown,	, dry					
2-		2	2.0			I	Black, Incinerator waste (b	lack s	oil with glass)				
3 –			≣										
4 —													
5 —		Ę	5.0			5	SILT (ML), with clay, tan bro	own, o	dry				
6-													
7 — — 8 —													
9 —													
10 —		10	0.0			\[Bore Hole terminated at 10	0.0 fee	et.				
11 —													
12 –													
13 —													
14 — —													
15	ı	1			DED=::								
GROUNDWAT		С	DATE		DEPTH (FT)		REMARKS						
ATD END OF DRILLIN	G V											&	
AFTER DRILLING													
AFTER DRILLING	•												

PROJECT:		City o	Durham	Parks			BORING LOG: WD-15A	
		S&ME Pro	oject No. 2	3050630			Sheet 1 of 1	
DATE:	09/03/2024		ELEVATION	1 :	·		NOTES:	
EQUIPMENT:	Geoprobe 662	20DT			DATUM:			
OPERATOR:	Rick Wolf		DEPTH:	10.	0 ft			
HAMMER TYP	E: Not Applicat	ole	CLOSURE:	Mixture of	Bentonite Chips and Cutting	gs		
DRILLING MET			LOGGED B				LATITUDE: 35.986506 LONGITUDE: -7	8.870690
SAMPLING ME	THOD:		ı	P	ROJECT COORDINATE S	YSTE	EM - NAD 1983 StatePlane North Carolina FIPS 3200 Feet	
Depth (feet)	NOTES	DEPOSITIONAL	_	AMPLE NO.		MAT	ERIAL DESCRIPTION	WATER LEVEL
0		0.5 <u>ala ala</u>	2) (5 2) (6 2)	Т	OPSOIL			
1-				S	ANDY SILT tan and brown,	dry		
3 —		3.0		E	lack, Incinerator waste (bla	ack so	oil with glass)	\perp
4 — - 5 — -		듄					· · · · · · · · · · · · · · · · · ·	
6 - - 7 - - 8 - - 9 -		6.0		S	ILT (ML), with clay, tan bro	wn, d	dry	
-		10.0						
10 — - 11 — -		10.0		E	ore Hole terminated at 10.	.0 fee	et.	7
12 —								
-								
13 —								
-								
14 —								
15								
GROUNDWAT	ER	DATE	DEPTH		REMARKS			
ATD			(FT)				8	
END OF DRILLING								
AFTER DRILLING	•							
AFTER DRILLING	▼						m =	

PROJECT:			City of [Ourham	Parks			BORING LOG: WD-16	
				ect No. 2				Sheet 1 of 1	
DATE:	09/03/2024		E	LEVATION	N:			NOTES:	
EQUIPMENT:	Geoprobe 6	620DT	,			DATUM:			
OPERATOR:	Rick Wolf		D	EPTH:	5.0	ft			
HAMMER TYPI	: Not Applic	able	C	LOSURE:	Mixture of	Bentonite Chips and Cutting	ıgs _		
DRILLING MET			L	OGGED B	Y: Chels				3.870397
SAMPLING ME	THOD:				P	ROJECT COORDINATE S	SYSTE	EM - NAD 1983 StatePlane North Carolina FIPS 3200 Feet	
Depth (feet)	NOTES	DEPOSITIONAL	GRAPHIC		AMPLE NO.		MAT	TERIAL DESCRIPTION	WATER LEVEL
0		0.5	stle stle ste	Me <u>s</u> Mes	S			ome glass in the boring no incinerator material. In surficial debris and not buried waste.	
4 — — — — — — — — — — — — — — — — — — —		5.0			E	Bore Hole terminated at 5.0	0 feet	t.	7
11 - 12 - 13 - 14 - 15									
GROUNDWAT	ER	DATE		DEPTH (FT)		REMARKS			
ATD	\Box			(11)					
END OF DRILLING AFTER DRILLING AFTER DRILLING									

PROJECT:		City	of Durham	Parks			BORING LOG: WD-17	
		S&ME	Project No. 2	23050630			Sheet 1 of 1	
DATE:	09/03/2024		ELEVATIO	N:			NOTES:	
EQUIPMENT:	Geoprobe 662	0DT	,		DATUM:			
OPERATOR:	Rick Wolf		DEPTH:	5.0) ft			
HAMMER TYPI	E: Not Applicabl	le	CLOSURE	: Mixture of	Bentonite Chips and Cutting	ıgs		
DRILLING MET			LOGGED	BY: Chelse				.870517
SAMPLING ME	THOD:		<u> </u>	P	PROJECT COORDINATE S	SYSTE	EM - NAD 1983 StatePlane North Carolina FIPS 3200 Feet	
Depth (feet)	NOTES	DEPOSITIONAL	GRAPHIC	SAMPLE NO.		MAT	TERIAL DESCRIPTION	WATER LEVEL
0 — — — — — — — — — — — — — — — — — — —			salle salle la salle	F	OPSOIL PWR SILT (ML), brown light Bore Hole terminated at 5.0			
15								
GROUNDWAT	ER	DATE	DEPTH (FT)		REMARKS			
ATD	\Box		()				&	
END OF DRILLING AFTER DRILLING	T							
AFTER DRILLING	•							

PROJECT:		C	ity of Du	rham Pa	arks	BOR	NG LOG: WD-17A	
		S&N	ME Project	No. 230	050630		Sheet 1 of 1	
DATE:	09/03/202	24	ELE	VATION:		NOTES:		
EQUIPMENT:	Geoprobe	6620DT			DATUM:			
OPERATOR:	Rick Wolf		DEF	TH:	5.0 ft			
HAMMER TYP	E: Not Appl	icable	CLO	SURE: N	lixture of Bentonite Chips and Cut			
DRILLING MET		Т	LOG	GED BY:	Chelsea Parra	LATITUDE:	35.986702 LONGITUDE :	-78.870598
SAMPLING MI	ETHOD:				PROJECT COORDINAL	E 2421 EIVI - NAD 1983	StatePlane North Carolina FIPS 3200	Feet
Depth (feet)	NOTES	DEPOSITIONAL ENVIRONMENT	GRAPHIC	SAIV		MATERIAL DESCRIP	TION	WATER LEVEL
0		0.5	હ્યાંદ ક્યાંદ ક્યાંદ .	zales.	TOPSOIL			
_		0.5	is silks silks ske		Incinerator waste (black	soil, glass, and brick)		
1-								
2-								
_								
3 –		3.0	2018/12	<u></u>	PWR red brown, dry, Ref	fusal at 5ft		
-))				
4 —								
5—		5.0	沙派	5)(2)				
					Bore Hole terminated at	5.0 feet.		/
6-								
-								
7 –								
8-								
9 —								
-								
10 —								
11 —								
''								
12 —								
-								
13 —								
- 14								
15								
GROUNDWAT	TER	DATE		DEPTH (FT)	REMARKS	3		
ATD								<u> </u>
END OF DRILLIN AFTER DRILLING								
AFTER DRILLING	•							

PROJECT:		City	of Durham	Parks			BORING LOG: WD-17B	
		S&ME P	roject No. 2	23050630			Sheet 1 of 1	
DATE:	09/03/2024		ELEVATIO	N:			NOTES:	
EQUIPMENT:	Geoprobe 6620	0DT			DATUM:			
OPERATOR:	Rick Wolf		DEPTH:	5.0	ft			
HAMMER TYPI	E: Not Applicabl	е	CLOSURE:	: Mixture of I	Bentonite Chips and Cutting	gs		
DRILLING MET			LOGGED E	BY: Chelse				870647
SAMPLING ME	THOD:			P	ROJECT COORDINATE S	SYSTE	■ NAD 1983 StatePlane North Carolina FIPS 3200 Feet	
Depth (feet)	NOTES	DEPOSITIONAL ENVIRONMENT	GRAPHIC	AMPLE NO.		MAT	ERIAL DESCRIPTION	WATER LEVEL
0 — — — — — — — — — — — — — — — — — — —			the sile sile sile sile sile sile sile sil	P	OPSOIL WR SILT (ML), brown light			
15								
GROUNDWAT	ER	DATE	DEPTH (FT)		REMARKS			
ATD	\Box		(,,)				8	
AFTER DRILLING	•							
AFTER DRILLING								

PROJECT:		City o	f Durham	Parks			BOR	ING L	.OG: '	WD-1	7C	
			oject No. 2					Sh	eet 1	of 1		
DATE:	09/03/2024		ELEVATIO			NO	ΓES:					
EQUIPMENT:	Geoprobe 66	520DT	1		DATUM:							
OPERATOR:	Rick Wolf		DEPTH:	8.0	ft							
HAMMER TYP	E: Not Applica	ble	CLOSURE:	Mixture of E	Bentonite Chips and Cutting	gs						
DRILLING MET			LOGGED E	BY: Chelse			TUDE:			LONGITU		-78.87065
SAMPLING M	ETHOD:		1	P	ROJECT COORDINATE S	YSTEM -	• NAD 198	3 StatePla	ne North	Carolina FI	IPS 3200 Fe	et
Depth (feet)	NOTES	DEPOSITIONAL ENVIRONMENT	GRAPHIC S.	AMPLE NO.		MATERIA	L DESCRIF	PTION				WATER LEVEL
0		0.5	<u>alte ae a</u>	TO	OPSOIL							
1 –				SA	ANDY SILT (ML), brown, dry	У						
2-		2.0		W	/aste - Black soil (no glass o	or other	waste)					
_		3.0										
3 -				SI	ILT (ML), dark brown and li	ight brow	n, Refus	al at 8ft				
4 —												
5 —												
6-												
7 —												
8-		8.0		B	ore Hole terminated at 8.0) feet.						
9 —												
10 —												
11 –												
12 –												
13 —												
14 —												
15												
GROUNDWA		DATE	DEPTH (FT)		REMARKS						0	
ATD OF DRILLIN	C 2₹							_			&	
END OF DRILLIN AFTER DRILLING												•
AFTER DRILLING												

PROJECT:		City o	f Durham	Parks			BORING LOG: WD-17D	
			oject No. 2				Sheet 1 of 1	
DATE:	09/03/2024		ELEVATIO	N:		ı	NOTES:	
EQUIPMENT:	Geoprobe 662	0DT	1		DATUM:			
OPERATOR:	Rick Wolf		DEPTH:	5.0	ft			
HAMMER TYPI	: Not Applicab	le	CLOSURE:	Mixture of E	Bentonite Chips and Cutting	gs		
DRILLING MET			LOGGED E	SY: Chelse				870757
SAMPLING ME	THOD:			P	ROJECT COORDINATE S	YSTE	M - NAD 1983 StatePlane North Carolina FIPS 3200 Feet	
Depth (feet)	NOTES	DEPOSITIONAL	GRAPHIC	AMPLE NO.		MATE	RIAL DESCRIPTION	WATER LEVEL
0		0.5 <u>salis ali</u>	<u>a alta a</u> lta alta da al		OPSOIL			
1 —				S	ILT (ML), dark brown and li _l	ight br	rown, Refusal at 8ft	
2-		2.0		V	/aste - Black soil (no glass c	or oth	er waste)	
3-		3.0					n, dry, Incinerator waste at 2-3ft	
4 — - 5 —					ore Hole terminated at 5.0			
6								
8-		8.0						
9 –								
10 —								
11 —								
12 –								
13 —								
- 14								
_								
15 L	гр	DATE	DEPTH		DESABUE			
GROUNDWAT ATD	ER 🖂	DATE	(FT)		REMARKS		= &	
END OF DRILLING								
AFTER DRILLING	•							
AFTER DRILLING	▼							

PROJECT:		City	of Durha	m Parks			BORING LOG: WD-18	
		S&ME	Project No.	23050630			Sheet 1 of 1	
DATE:	09/03/2024		ELEVATI	ON:			NOTES:	
EQUIPMENT:	Geoprobe 6620	DDT			DATUM:			
OPERATOR:	Rick Wolf		DEPTH:	5.	0 ft			
HAMMER TYP	E: Not Applicabl	е	CLOSUR	E: Mixture o	f Bentonite Chips and Cuttin	ıgs		
DRILLING MET			LOGGE	BY: Chels				3.870729
SAMPLING ME	THOD:				PROJECT COORDINATE S	SYSTE	M - NAD 1983 StatePlane North Carolina FIPS 3200 Feet	
Depth (feet)	NOTES	DEPOSITIONAL ENVIRONMENT	GRAPHIC	SAMPLE NO.		MAT	ERIAL DESCRIPTION	WATER LEVEL
0		5.0			TOPSOIL SANDY SILT (ML), brown, dr			
15								
GROUNDWAT		DATE	DEPTI (FT)	1	REMARKS			
ATD END OF DRILLING	5 Z Z						= &	
AFTER DRILLING	T							
AFTER DRILLING	•							

PROJECT:		City o	of Durham	Parks		BORII	NG LOG: WD-19	
		S&ME P	roject No. 2	3050630			Sheet 1 of 1	
DATE:	09/03/2024		ELEVATIO	N:	·	NOTES:		
EQUIPMENT:	Geoprobe 66	520DT			DATUM:			
OPERATOR:	Rick Wolf		DEPTH:	5.0	ft			
HAMMER TYP	E: Not Applica	able	CLOSURE:	Mixture of	Bentonite Chips and Cuttings			
DRILLING MET			LOGGED B				35.986724 LONGITUDE:	-78.870752
SAMPLING MI	тнор:				ROJECT COORDINATE SY	21 EIVI - NAD 1983 2	tatePlane North Carolina FIPS 320	u Feet
Depth (feet)	NOTES	DEPOSITIONAL	GRAPHIC	AMPLE NO.	N	MATERIAL DESCRIPT	ION	WATER LEVEL
0		المادي	k ak ak	Т	OPSOIL			
1 - 1 - 2 - 3 - 4 - 5 - 6 - 6 -		5.0	shte ste sh	P	ore Hole terminated at 5.0 f			
7 -								
13 — - 14 — - 15								
GROUNDWAT	TER	DATE	DEPTH (ET)		REMARKS			_
ATD	\square		(FT)					&
END OF DRILLING								
AFTER DRILLING AFTER DRILLING								
AL LEIV DVILLING	-			<u> </u>				

SAMP Project No. 23050630 Sheet 1 of 1	PROJECT:		City o	f Durham	Parks			BORING LOG: WD-19A	
EQUIPMENT: Geoprobe 65200T DATUM: OPERATOR: Rick Wolf School DEPTH: 5,0 ft CLOSURE; Motiture of feet and cuttings. HAMMER TYPE: Not Applicable CLOSURE; Motiture of feet and cuttings. DRUILLING METHOD: PT SAMPLING METHOD: PT SAMPLING METHOD: PROJECT COORDINATE SYSTEM - Not 1982 Steel Flave Somethics Somethics System - Not 1982 Steel Flave Somethics Somethics System - Not 1982 Steel Flave Somethics Somethics System - Not 1982 Steel Flave Somethics System - Not 1982 Steel Flave Somethics Somethics System - Not 1982 Steel Flave Steel Flave Somethics System - Not 1982 Steel Flave Steel Fla			S&ME Pi	oject No. 2	3050630			Sheet 1 of 1	
Companies Comp	DATE:	09/03/2024		ELEVATIO	N:			NOTES:	
AMMER TYPE: Not Applicable CLOSURE: Mixture of itentronte Citips and Currings DRILLING METHOD: PRIVE Chelses Patra PROJECT COORDINATE SYSTEM - AND 1998 Statesflare North Curdina 1978 3003 Feet NOTES SAMPLE NO. DES SAMPLE NO. D	EQUIPMENT:	Geoprobe 662	0DT	1		DATUM:			
DRILLING METHOD:	OPERATOR:	Rick Wolf		DEPTH:	5.0	ft			
SAMPLING METHOD: PROJECT COORDINATE SYSTEM - MAD 1983 Scale-Plane North-Carolina Fifs 3200 Feet PROJECT COORDINATE SYSTEM - MAD 1983 Scale-Plane North-Carolina Fifs 3200 Feet PROJECT COORDINATE SYSTEM - MAD 1983 Scale-Plane North-Carolina Fifs 3200 Feet NOTES SAMPLE NO. SAMPL	HAMMER TYPI	: Not Applicab	le	CLOSURE:	Mixture of I	Bentonite Chips and Cutting	gs		
NOTES NOTES NOTES NOTES				LOGGED E					870821
TOPSOIL PWR SILT (ML), brown light brown, dry	SAMPLING ME	THOD:			P	ROJECT COORDINATE S	YSTE	M - NAD 1983 StatePlane North Carolina FIPS 3200 Feet	
1 - 0.5	Depth (feet)	NOTES	DEPOSITIONAL	GRAPHIC			MAT	ERIAL DESCRIPTION	WATER LEVEL
GROUNDWATER DATE DEPTH (FT) REMARKS ATD END OF DRILLING END OF	1 -			z skie skie skie skie skie skie skie skie	P	WR SILT (ML), brown light			
GROUNDWATER DATE DEPTH (FT) REMARKS ATD END OF DRILLING END OF	15								
ATD \(\sqrt{\sq}}}}}}}}}}}}} \sqrt{\sq}}}}}}}}}}}} \sqrt{\sqrt{\sqrt{\sqrt{\sq}}}}}}}}}} \end{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sq}}}}}}}}}}} \sqrt{\sqrt{\sqrt		ER	DATE	1		REMARKS			
END OF DIVIDENCE —				,					
AFTER DRILLING ▼									
	AFTER DRILLING	•							

PROJECT:		City	of Durham	Parks			BORING LOG: WD-19B	
		S&ME P	roject No. 2	23050630			Sheet 1 of 1	
DATE:	09/03/2024		ELEVATIO	N:			NOTES:	
EQUIPMENT:	Geoprobe 6620	0DT	-		DATUM:			
OPERATOR:	Rick Wolf		DEPTH:	5.0	ft			
HAMMER TYPI	E: Not Applicabl	е	CLOSURE:	: Mixture of	Bentonite Chips and Cutting	gs		
DRILLING MET			LOGGED E	BY: Chelse				.870852
SAMPLING ME	THOD:			P	ROJECT COORDINATE S	YSTE	EM - NAD 1983 StatePlane North Carolina FIPS 3200 Feet	
Depth (feet)	NOTES	DEPOSITIONAL ENVIRONMENT	GRAPHIC	AMPLE NO.		MAT	ERIAL DESCRIPTION	WATER LEVEL
0 ————————————————————————————————————		0.5 N _c s _N	Me sile sile	P	OPSOIL WR SILT (ML), brown light			
15								
GROUNDWAT		DATE	DEPTH (FT)		REMARKS			
ATD							&	
END OF DRILLING AFTER DRILLING	T							
AFTER DRILLING	Y							

PROJECT:		Cit	ty of Durhan	n Parks			BORING LOG: WD-19C	
			E Project No.				Sheet 1 of 1	
DATE:	09/03/202	4	ELEVATIO	ON:			NOTES:	
EQUIPMENT:	Geoprobe	6620DT	<u>'</u>		DATUM:			
OPERATOR:	Rick Wolf		DEPTH:	2.0	ft			
HAMMER TYP	E: Not Appli	icable	CLOSURE	: Mixture of I	Bentonite Chips and Cuttin	ngs		
DRILLING MET		Т	LOGGED	BY: Chelse				.870859
SAMPLING M	ETHOD:			P	ROJECT COORDINATE S	SYSTE	M - NAD 1983 StatePlane North Carolina FIPS 3200 Feet	
Depth (feet)	NOTES	DEPOSITIONAL ENVIRONMENT	GRAPHIC	SAMPLE NO.		MAT	ERIAL DESCRIPTION	WATER LEVEL
0		0.5	alic alic alic a	Т	OPSOIL			
1 –				P	WR firm, red brown, Refu	sal at	2ft. Some glass no incinerator waste	
2-		2.0	120 860	В	ore Hole terminated at 2.0	0 feet		
_								
3 –								
4								
5 —								
6-								
7 –								
8 —								
9 —								
10 —								
11 –								
12 –								
13 —								
14 —								
15			DEDT:					
GROUNDWAT		DATE	DEPTH (FT)		REMARKS			
ATD OF DRILLIN	G V						<u>&</u>	
END OF DRILLIN AFTER DRILLING								
AFTER DRILLING								

PROJECT:		City o	f Durham	Parks			BORING LOG: WD-19D	
		S&ME P	oject No. 2	3050630			Sheet 1 of 1	
DATE:	09/03/2024		ELEVATIO	N:		ı	NOTES:	
EQUIPMENT:	Geoprobe 6620	DDT	1		DATUM:			
OPERATOR:	Rick Wolf		DEPTH:	5.0	ft			
HAMMER TYPI	E: Not Applicabl	е	CLOSURE:	Mixture of E	Bentonite Chips and Cutting	gs		
DRILLING MET			LOGGED B	SY: Chelse			LATITUDE: 35.986470 LONGITUDE:	-78.870917
SAMPLING ME	THOD:			P	ROJECT COORDINATE S	YSTE	EM - NAD 1983 StatePlane North Carolina FIPS 3200) Feet
Depth (feet)	NOTES	DEPOSITIONAL	GRAPHIC	AMPLE NO.		MATE	ERIAL DESCRIPTION	WATER LEVEL
0		6 316 316 3	le stre ste ste ste ste ste ste ste ste ste st	P¹	OPSOIL WR SILT (ML), brown light I			
15								
GROUNDWAT	ER	DATE	DEPTH (FT)		REMARKS			
ATD	\Box		(-7					3.
END OF DRILLING AFTER DRILLING	T							
AFTER DRILLING	▼							

PROJECT:		City	of Durham	n Parks			BORING LOG: WD-20	
		S&ME	Project No.	23050630			Sheet 1 of 1	
DATE:	09/03/2024		ELEVATIO	DN:			NOTES:	
EQUIPMENT:	Geoprobe 6620	0DT	-		DATUM:			
OPERATOR:	Rick Wolf		DEPTH:	5.0) ft			
HAMMER TYPI	E: Not Applicabl	е	CLOSURE	: Mixture of	Bentonite Chips and Cutting	gs		
DRILLING MET			LOGGED	BY: Chels				78.870933
SAMPLING ME	THOD:				PROJECT COORDINATE S	SYSTE	EM - NAD 1983 StatePlane North Carolina FIPS 3200 Fee	et
Depth (feet)	NOTES	DEPOSITIONAL	GRAPHIC	SAMPLE NO.		MAT	ERIAL DESCRIPTION	WATER LEVEL
0 — — — — — — — — — — — — — — — — — — —			salle, salle	S	FOPSOIL SILT (ML), with clay, firm, gr Bore Hole terminated at 5.0			
15								
GROUNDWAT	ER	DATE	DEPTH (ET)		REMARKS			
ATD	\square		(FT)				= &	
END OF DRILLING AFTER DRILLING	•							
AFTER DRILLING	▼							

PROJECT:			City	of Durha	ım Parks			BORING LOG: WD-21		
					. 23050630			Sheet 1 of 1		
DATE:	09/03/2	2024		ELEVAT				NOTES:		
EQUIPMENT:	Geopro	be 6620DT				DATUM:				
OPERATOR:	Rick Wo	olf		DEPTH	: 5.	0 ft				
HAMMER TYP	E: Not A	pplicable		CLOSU	RE: Mixture o	f Bentonite Chips and Cuttir				
DRILLING MET		DPT		LOGGE	D BY: Chel			LATITUDE: 35.986003 LONGITUDE		870081
SAMPLING ME	ETHOD:					PROJECT COORDINATE	SYSTI	EM - NAD 1983 StatePlane North Carolina FIPS 3	200 Feet	
Depth (feet)	NOT	TES	DE POSITIONAL ENVIRONMENT	GRAPHIC	SAMPLE NO.		MAT	TERIAL DESCRIPTION		WATER LEVEL
0		5.0	Salle :	alte alte alte		TOPSOIL PWR SILT (ML), brown light Bore Hole terminated at 5.				
11 – – 12 –										
13 —										
14 -										
15	ren	DA	TF	DEPT		REMARKS				
ATD		DA		(FT)	KLIVIAKKS			&	
END OF DRILLING										
AFTER DRILLING										
AFTER DRILLING	■ ■									

PROJECT:			City	of Durh	am Parks			BORING LOG: WD-21A	
					o. 23050630)		Sheet 1 of 1	
DATE:	09/03/	2024		ELEVA	TION:			NOTES:	
EQUIPMENT:	Geopro	be 6620DT				DATUM:			
OPERATOR:	Rick Wo	olf		DEPTI	H: 5	.0 ft			
HAMMER TYI	PE: Not A	pplicable		CLOSU	JRE: Mixture	of Bentonite Chips and Cutti	ings		
DRILLING ME		DPT		LOGG	ED BY: Che			LATITUDE: 35.986038 LONGITUDE:	-78.870288
SAMPLING M	ETHOD:					PROJECT COORDINATE	SYSTI	EM - NAD 1983 StatePlane North Carolina FIPS 3200	Feet
Depth (feet)	NO	TES	DEPOSITIONAL ENVIRONMENT	GRAPHIC	SAMPLE NO.		MAT	TERIAL DESCRIPTION	WATER LEVEL
0		5.0	e ssh	alle, alle, alle		TOPSOIL PWR SILT (ML), brown light Bore Hole terminated at 5			
10 —									
11 –									
12 –									
13 —									
14 —									
15 GROUNDWA	TED	D.A.	 TE	DEF		DEMADVE			
	IIEK 🖂	DA	1.0	(F	т)	REMARKS			
ATD END OF DRILLIN									
AFTER DRILLING	j 🔻								
AFTER DRILLING	Ĝ ▼								

PROJECT:		City o	f Durham	Parks			BORING LOG: WD-21B	
		S&ME Pr	oject No. 2	3050630			Sheet 1 of 1	
DATE:	09/03/2024		ELEVATION	N:		ı	NOTES:	
EQUIPMENT:	Geoprobe 6620	DDT	1		DATUM:			
OPERATOR:	Rick Wolf		DEPTH:	5.0	ft			
HAMMER TYPI	E: Not Applicable	e	CLOSURE:	Mixture of E	Bentonite Chips and Cutting	gs _		
DRILLING MET			LOGGED B	SY: Chelse				3.870402
SAMPLING ME	THOD:			P	ROJECT COORDINATE S	YSTE	M - NAD 1983 StatePlane North Carolina FIPS 3200 Feet	
Depth (feet)	NOTES	DEPOSITIONAL		AMPLE NO.		MATE	ERIAL DESCRIPTION	WATER LEVEL
0 ————————————————————————————————————		ક હોક હોક હો	2 346 346 32 38 346 346 346 346 346 346 346 346 346 346	P¹	OPSOIL WR SILT (ML), brown light i			
15								
GROUNDWAT	ER	DATE	DEPTH (FT)		REMARKS			-
ATD	\Box		(- ',				&	
END OF DRILLING	•							
AFTER DRILLING	▼							

PROJECT:			City of E	Ourham I	Parks		BOR	ING LOG: WD-22	
		9	S&ME Proje					Sheet 1 of 1	
DATE:	09/03/20			LEVATION		-	NOTES:		
EQUIPMENT:	Geoprobe	6620DT				DATUM:			
OPERATOR:	Rick Wolf		D	EPTH:	5.0) ft			
HAMMER TYP	E: Not App	licable	С	LOSURE:	Mixture of	Bentonite Chips and Cutting			
DRILLING MET		PT	L	OGGED B		ea Parra	LATITUDE:	35.985943 LONGITUDE:	
SAMPLING MI	ETHOD:					PROJECT COORDINATE SY	21 EIVI - NAD 1983	3 StatePlane North Carolina FIPS 32	oo reet
Depth (feet)	NOTES	NOTISCE	GRAPHIC		AMPLE NO.		MATERIAL DESCRIP	PTION	WATER LEVEL
0			<u>alk alk a</u>	7. 3		TOPSOIL			
1 - 2 - 3 - 4 -		1.0	Mc able a	Mc SMc S		PWR SILT (ML), brown light b	orown, dry		
5 —		5.0				Bore Hole terminated at 5.0	feet.		
6 -									
GROUNDWAT	TER	DATE	Ī	DEPTH (FT)		REMARKS			
ATD	\Box			, ,					&
END OF DRILLING AFTER DRILLING									
AFTER DRILLING									
									

PROJECT:		City	of Durham	Parks			BORING LOG: WD-22A	
		S&ME P	roject No. 2	3050630			Sheet 1 of 1	
DATE:	09/03/2024		ELEVATIO	N:		I	NOTES:	
EQUIPMENT:	Geoprobe 6620	DDT			DATUM:			
OPERATOR:	Rick Wolf		DEPTH:	5.0	ft			
HAMMER TYPI	E: Not Applicabl	е	CLOSURE:	Mixture of E	Bentonite Chips and Cutting	gs		
DRILLING MET			LOGGED E	BY: Chelse			LATITUDE: 35.985920 LONGITUDE:	-78.870329
SAMPLING ME	THOD:			P	ROJECT COORDINATE S	YSTE	EM - NAD 1983 StatePlane North Carolina FIPS 3200	Feet
Depth (feet)	NOTES	DEPOSITIONAL ENVIRONMENT	GRAPHIC	AMPLE NO.		MATE	ERIAL DESCRIPTION	WATER LEVEL
0 ————————————————————————————————————		e siles siles s	Ste site site site site site site site si	P	OPSOIL WR SILT (ML), brown light			
15								
GROUNDWAT	ER	DATE	DEPTH (FT)		REMARKS			
ATD	\Box		` '					k
END OF DRILLING AFTER DRILLING	•							
AFTER DRILLING	▼							

PROJECT:			City of I	Durham	Parks		BORI	NG LOG: WD-22B	
		S	&ME Proje	ect No. 2	3050630			Sheet 1 of 1	
DATE:	09/03/2024	1	E	LEVATION	N:	·	NOTES:		
EQUIPMENT:	Geoprobe 6	620DT				DATUM:			
OPERATOR:	Rick Wolf		D	EPTH:	5.0) ft			
HAMMER TYP	E: Not Applic	cable	C	LOSURE:	Mixture of	Bentonite Chips and Cuttings			
DRILLING MET			L	OGGED B	Y: Chels			35.985918 LONGITUDE:	-78.870495
SAIVIPLING IVII	ETHOD:		.			PROJECT COORDINATE SYS	O I E IAI - MAD 1383 2	tateriane North Carolina FIPS 320	o reet
Depth (feet)	NOTES	DEPOSITIONAL	ENVIRONMENT		AMPLE NO.	М	ATERIAL DESCRIPTI	ON	WATER LEVEL
0		0.5	<u>alta alta</u> a ka alta alta	hlis <u>s</u> hlis sla sh	-	TOPSOIL			
1 - 1 - 2 - 3 - 4 - 5 - 6 - 7 - 8 8 1		5.0		34. 8.		SILTY SAND tan and brown, dr			
9 —									
10 —									
11 —									
- 12 <i>-</i> -									
12									
13 —									
-									
14 —									
15									
GROUNDWAT	TER	DATE		DEPTH (ET)		REMARKS			
ATD	\Box			(FT)					&
END OF DRILLIN									
AFTER DRILLING AFTER DRILLING									
, , TEN DIVIELING				<u> </u>	<u> </u>				

PROJECT:		City	of Durham	Parks			BORING LOG: WD-23	
		S&ME P	roject No. 2	23050630			Sheet 1 of 1	
DATE:	09/03/2024		ELEVATIO	N:			NOTES:	
EQUIPMENT:	Geoprobe 662	0DT	1		DATUM:			
OPERATOR:	Rick Wolf		DEPTH:	5.0	ft			
HAMMER TYP	E: Not Applicabl	le	CLOSURE:	: Mixture of I	Bentonite Chips and Cutting	gs		
DRILLING MET			LOGGED E	BY: Chelse				870187
SAMPLING ME	THOD:			P	ROJECT COORDINATE S	YSTE	■ NAD 1983 StatePlane North Carolina FIPS 3200 Feet	
Depth (feet)	NOTES	DEPOSITIONAL ENVIRONMENT	GRAPHIC	AMPLE NO.		MAT	ERIAL DESCRIPTION	WATER LEVEL
0		5.0	Ale sille sille	P	OPSOIL WR SILT (ML), red purple, ore Hole terminated at 5.0			
15								
GROUNDWAT	ER	DATE	DEPTH (FT)		REMARKS			
ATD	\Box						&	
END OF DRILLING AFTER DRILLING	5 T							
AFTER DRILLING	▼							

PROJECT:		City	of Durham	Parks		BORING LOG: WD-2	3A
		S&ME P	roject No. 2	3050630		Sheet 1 of 1	
DATE:	09/03/2024		ELEVATION			NOTES:	
EQUIPMENT:	Geoprobe 66	20DT	'		DATUM:		
OPERATOR:	Rick Wolf		DEPTH:	5.0	ft		
HAMMER TYP	E: Not Applical	ble	CLOSURE:	Mixture of E	Bentonite Chips and Cuttings		
DRILLING MET			LOGGED B			LATITUDE: 35.985794 LONGITU	
SAMPLING MI	THOD:				ROJECT COORDINATE ST	STEM - NAD 1983 StatePlane North Carolina Fl	PS 3200 Feet
Depth (feet)	NOTES	DEPOSITIONAL ENVIRONMENT	<u> </u>	AMPLE NO.	N	NATERIAL DESCRIPTION	WATER LEVEL
0		0.5 <u>salis s</u>	16 216 216 216 26 2	T	OPSOIL		
1 - 2 -			SMa Sla Sl	Si	ANDY SILT brown, dry		
3 - - 4 - -		5.0		P	WR SILTY CLAY red brown, To	op soil then native	
5 -		5.0		B	ore Hole terminated at 5.0 fo	eet.	
GROUNDWAT	TER	DATE	DEPTH (FT)		REMARKS		,
ATD	\Box						&
END OF DRILLING AFTER DRILLING							
AFTER DRILLING							

PROJECT:		City o	of Durham	Parks		BORING LO	3: WD-23B	
		S&ME P	roject No. 2	3050630		Shee	et 1 of 1	
DATE:	09/03/2024		ELEVATION			NOTES:		
EQUIPMENT:	Geoprobe 66	20DT			DATUM:			
OPERATOR:	Rick Wolf		DEPTH:	5.0) ft			
HAMMER TYP	E: Not Applica	ble	CLOSURE:	Mixture of	Bentonite Chips and Cuttings			
DRILLING MET			LOGGED B		ea Parra PROJECT COORDINATE SYS		1 LONGITUDE:	-78.870544
SAMPLING ME	THOD:			''	ROJECT COORDINATE STS	DI EIVI - NAD 1983 StatePlane N	orth Carolina FIPS 3200 i	-eet
Depth (feet)	NOTES	DEPOSITIONAL ENVIRONMENT	-	AMPLE NO.	W	IATERIAL DESCRIPTION		WATER LEVEL
0		0.5 shts s	<u> </u>	1	TOPSOIL			
1 - 2 -			SMC 3G S	S	SANDY SILT brown, dry			
3 - - 4 - -		5.0		ţ	PWR SILTY CLAY red brown, To	op soil then native		
5 -		5.0		1	Bore Hole terminated at 5.0 fe	eet.		
GROUNDWAT	ER	DATE	DEPTH (FT)		REMARKS			_
ATD	\Box		Ç-1/				8	
END OF DRILLING								
AFTER DRILLING								
	, ,		<u> </u>					_

PROJECT:		Cit	y of Durha	ım Parks			BORING LOG: WD-24	
		S&ME	Project No	. 23050630			Sheet 1 of 1	
DATE:	09/03/2024		ELEVAT	ION:			NOTES:	
EQUIPMENT:	Geoprobe 662	0DT			DATUM:			
OPERATOR:	Rick Wolf		DEPTH	: 5.	0 ft			
HAMMER TYPI	E: Not Applicabl	е	CLOSU	RE: Mixture o	f Bentonite Chips and Cuttin	ngs		
DRILLING MET			LOGGE	D BY: Chel				78.870605
SAMPLING ME	THOD:				PROJECT COORDINATES	SYSII	EM - NAD 1983 StatePlane North Carolina FIPS 3200 Feet	t
Depth (feet)	NOTES	DEPOSITIONAL ENVIRONMENT	GRAPHIC	SAMPLE NO.		MAT	FERIAL DESCRIPTION	WATER LEVEL
0 ————————————————————————————————————		5.0	e able; sille; s		TOPSOIL SANDY SILT brown, dry Bore Hole terminated at 5.4	0 feet	t.	
-								
15	FD	DATE	DEP		DEMARKS			
ATD	EK 🖂	DATE	(FT)	REMARKS		=	
END OF DRILLING								
AFTER DRILLING	Y							
AFTER DRILLING	_							

PROJECT:		City o	f Durham	Parks			BORING LOG: WD-25	
		S&ME Pr	oject No. 2	3050630			Sheet 1 of 1	
DATE:	09/03/2024		ELEVATIO				NOTES:	
EQUIPMENT:	Geoprobe 662	0DT	1		DATUM:			
OPERATOR:	Rick Wolf		DEPTH:	5.0	ft			
HAMMER TYP	E: Not Applicab	le	CLOSURE:	Mixture of E	Bentonite Chips and Cutting	gs		
DRILLING MET			LOGGED E	BY: Chelse				8.870402
SAMPLING ME	THOD:		<u> </u>	P	ROJECT COORDINATE S	YSTE	EM - NAD 1983 StatePlane North Carolina FIPS 3200 Feet	
Depth (feet)	NOTES	DEPOSITIONAL ENVIRONMENT	GRAPHIC	AMPLE NO.		MAT	ERIAL DESCRIPTION	WATER LEVEL
0 — — — — — — — — — — — — — — — — — — —			6 SHC SHC	S.	OPSOIL ANDY SILT brown, dry ore Hole terminated at 5.0) feet		
45								
15	FR	DATE	DEPTH		REMARKS			
ATD			(FT)		KENAKKS		= &	
END OF DRILLING AFTER DRILLING								
AFTER DRILLING	T							
			-	1				

PROJECT:		C	ity of D	urham I	Parks			BORING LOG: WD-26	
			ИЕ Projec					Sheet 1 of 1	
DATE:	09/03/20			EVATION		,		NOTES:	
EQUIPMENT:	Geoprobe	e 6620DT	\https://doi.org/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.1001/10.10			DATUM:			
OPERATOR:	Rick Wolf		DE	PTH:	6.0	ft			
HAMMER TYP	E: Not App	licable	CL	OSURE:	Mixture of E	Bentonite Chips and Cuttin	ıgs		
DRILLING MET		PT	LO	GGED B	Y: Chelse			LATITUDE: 35.985422 LONGITUDE:	-78.870433
SAMPLING ME	THOD:				P	ROJECT COORDINATE S	SYSTE	EM - NAD 1983 StatePlane North Carolina FIPS 3200	Feet
Depth (feet)	NOTES	DEPOSITIONAL ENVIRONMENT	GRAPHIC		MPLE NO.		MAT	FERIAL DESCRIPTION	WATER LEVEL
0		0.5	<u>alta alta alta</u>	state	T	OPSOIL			
_		1.0			S	ILT with clay, brown			
1-					S	ILT with clay, red brown, d	lry		
2									
-									
3 —									
. –									
4 –									
5 —		5.0		Щ					
_				//	P	WR FAT CLAY with clay, sti	ff, red	d brown, Refusal at 6ft	
6-		6.0	/////		В	ore Hole terminated at 6.0	0 feet	<u> </u>	
-									
7 –									
8-									
9 —									
-									
10 —									
11 —									
''									
12 —									
-									
13 —									
14 —									
-									
15									
GROUNDWAT	ER	DATE		DEPTH (FT)		REMARKS			
ATD	\Box							8	<
END OF DRILLING									
AFTER DRILLING								IN S	
AFTER DRILLING									

PROJECT:		City	of Durham	Parks			BORING LOG: WD-27	
		S&ME P	roject No. 2	3050630			Sheet 1 of 1	
DATE:	09/03/2024		ELEVATIO	N:			NOTES:	
EQUIPMENT:	Geoprobe 662	0DT			DATUM:			
OPERATOR:	Rick Wolf		DEPTH:	5.0	ft			
HAMMER TYPI	E: Not Applicab	le	CLOSURE:	: Mixture of	Bentonite Chips and Cutting	gs		
DRILLING MET			LOGGED E	BY: Chelse			LATITUDE: 35.985366 LONGITUDE:	-78.870418
SAMPLING ME	THOD:			P	ROJECT COORDINATE S	YSTE	EM - NAD 1983 StatePlane North Carolina FIPS 3200 F	eet
Depth (feet)	NOTES	DEPOSITIONAL ENVIRONMENT	GRAPHIC	AMPLE NO.		MAT	TERIAL DESCRIPTION	WATER LEVEL
0			la sila sila sila sia si	S	OPSOIL ANDY SILT brown, dry ore Hole terminated at 5.0	0 feet	t.	
15								
15	ER	DATE	DEPTH (FT)		REMARKS			
ATD	□ □		(FT)				= 8	
END OF DRILLING	•							
AFTER DRILLING								

PROJECT:		City	of Durham	Parks		BORIN	IG LOG: WD-28	
			roject No. 2				Sheet 1 of 1	
DATE:	09/03/2024		ELEVATION		1	NOTES:		
EQUIPMENT:	Geoprobe 6	620DT	1		DATUM:			
OPERATOR:	Rick Wolf		DEPTH:	5.0	ft			
HAMMER TYP	E: Not Applic	able	CLOSURE:	Mixture of E	Bentonite Chips and Cuttings			
DRILLING MET			LOGGED B				5.985212 LONGITUDE :	-78.870346
SAMPLING ME	THOD:			P	ROJECT COORDINATE SYS	2 EIVI - NAD 1983 St	atePlane North Carolina FIPS 320) Feet
Depth (feet)	NOTES	DEPOSITIONAL	-	AMPLE NO.	N	//ATERIAL DESCRIPTIO	DN	WATER LEVEL
0		sile :	<u> </u>	T	OPSOIL			
1 - 1 - 2 - 3 - 4 - 5 - 6 - 7 - 7 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1		5.0	3016 36 30	S.	ANDY SILT brown, dry ore Hole terminated at 5.0 fi	eet.		
8 - 9 - 10 - 11 - 12 - 13 - 14 - 15								
GROUNDWAT	TER	DATE	DEPTH (ET)		REMARKS			
ATD	\Box		(FT)					&
END OF DRILLING								
AFTER DRILLING AFTER DRILLING								
TEN DINIELINO	1 - 1			1				

PROJECT:		City o	of Durham	Parks			BORING LOG: WD-28A	
		S&ME P	roject No. 2	3050630			Sheet 1 of 1	
DATE:	09/03/2024		ELEVATIO				NOTES:	
EQUIPMENT:	Geoprobe 662	ODT			DATUM:			
OPERATOR:	Rick Wolf		DEPTH:	5.0	ft			
HAMMER TYPI	: Not Applicab	le	CLOSURE:	Mixture of	Bentonite Chips and Cutting	gs		
DRILLING MET			LOGGED E	BY: Chelse			LATITUDE: 35.985213 LONGITUDE:	-78.870458
SAMPLING ME	THOD:			P	ROJECT COORDINATE S	SYSTE	EM - NAD 1983 StatePlane North Carolina FIPS 3200 Fe	eet
Depth (feet)	NOTES	DEPOSITIONAL ENVIRONMENT	GRAPHIC	AMPLE NO.		MAT	TERIAL DESCRIPTION	WATER LEVEL
0 — — — — — — — — — — — — — — — — — — —			le sile sile sile sile sile sile sile si	S	OPSOIL ANDY SILT brown, dry ore Hole terminated at 5.0	0 feet	t.	
15								
15 GROUNDWAT	ER	DATE	DEPTH (ET)		REMARKS			
ATD	□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□		(FT)				= &	
END OF DRILLING	•							
AFTER DRILLING								

PROJECT:		City o	f Durham	Parks			BORING LOG: WD-29	
			oject No. 2				Sheet 1 of 1	
DATE:	09/03/2024		ELEVATIO				NOTES:	
EQUIPMENT:	Geoprobe 6620	ODT	1		DATUM:			
OPERATOR:	Rick Wolf		DEPTH:	9.0	ft			
HAMMER TYPI	: Not Applicabl	е	CLOSURE:	Mixture of	Bentonite Chips and Cutting	gs		
DRILLING MET			LOGGED E	BY: Chelse				870795
SAMPLING ME	THOD:			P	PROJECT COORDINATE S	YSTE	EM - NAD 1983 StatePlane North Carolina FIPS 3200 Feet	
Depth (feet)	NOTES	DEPOSITIONAL	GRAPHIC S	AMPLE NO.		MAT	ERIAL DESCRIPTION	WATER LEVEL
0		9.0		S	OPSOIL JILTY SAND brown JILTY CLAY brown, moist Sore Hole terminated at 9.0	O feet		
15								
GROUNDWAT	ER	DATE	DEPTH (FT)		REMARKS			
ATD	\Box						E &	
END OF DRILLING AFTER DRILLING	T							
AFTER DRILLING	▼							

PROJECT:		City o	f Durham	Parks		BORIN	G LOG: WD-29A	
			oject No. 2				Sheet 1 of 1	
DATE:	09/03/2024		ELEVATIO		'	NOTES:		
EQUIPMENT:	Geoprobe 66	520DT	1		DATUM:			
OPERATOR:	Rick Wolf		DEPTH:	9.0) ft			
HAMMER TYP	E: Not Applica	able	CLOSURE:	Mixture of	Bentonite Chips and Cuttings			
DRILLING MET			LOGGED B				5.985085 LONGITUDE:	-78.870877
SAMPLING ME	THOD:	1 1		F	PROJECT COORDINATE SYS	TEM - NAD 1983 Sta	tePlane North Carolina FIPS 320	0 Feet
Depth (feet)	NOTES	DEPOSITIONAL ENVIRONMENT	GRAPHIC	AMPLE NO.	М	ATERIAL DESCRIPTIO	·N	WATER LEVEL
0		9.0	fo, shto, sh	5	GOPSOIL GILTY SAND brown GILTY CLAY brown, moist Bore Hole terminated at 9.0 fe	et.		
15								
GROUNDWAT	ER	DATE	DEPTH (FT)		REMARKS			
ATD	\Box		. ,					&
END OF DRILLING								
AFTER DRILLING	T							
AFTER DRILLING	_ ▼						-	

PROJECT	Γ:		City	y of Durha	m Parks		BORING LO	G: WD-30	
			S&ME	Project No.	23050630		Shee	et 1 of 1	
DATE:	09	/03/2024		ELEVATI			NOTES:		
QUIPME	NT: Ge	eoprobe 662	20DT	1		DATUM:			
OPERATO	R: Ric	ck Wolf		DEPTH:	2.	0 ft			
HAMMER	TYPE: N	Not Applicat	ole	CLOSUR	E: Mixture o	f Bentonite Chips and Cutting			
ORILLING				LOGGE	BY: Chels				870812
SAMPLING	G METHO	טט:				PROJECT COORDINATE S	YSTEIN - NAD 1983 StatePlane N	North Carolina FIPS 3200 Feet	
Depth (feet)		NOTES	DEPOSITIONAL	GRAPHIC	SAMPLE NO.		MATERIAL DESCRIPTION		WATER LEVEL
0			0.5	: <u>alka alka a</u> lka alka alka aka a		TOPSOIL			
1-			2.0			PWR SILT (ML), firm, red pu	rple, dry, Refusal at 2ft		
2						Bore Hole terminated at 2.0) feet.		
3 —									
4 —									
5 —									
6-									
7 –									
8 –									
9 —									
10 —									
11 —									
12 —									
13 —									
14 —									
15 🗆				DEPTI	-				
GROUND	WATER		DATE	(FT)	-	REMARKS			
ATD END OF DRI	IIIING	▼						&	
AFTER DRIL	LING	•						$M \equiv$	
AFTER DRIL	LING	▼						m =	

PROJECT:		City o	f Durham	Parks			BORING LOG: WD-31	
		S&ME Pr	oject No. 2	3050630			Sheet 1 of 1	
DATE:	09/03/2024		ELEVATIO	N:			NOTES:	
EQUIPMENT:	Geoprobe 662	.ODT			DATUM:			
OPERATOR:	Rick Wolf		DEPTH:	5.0	ft			
HAMMER TYP	E: Not Applicab	le	CLOSURE:	Mixture of E	Bentonite Chips and Cuttin	ngs		
DRILLING MET			LOGGED B					.870711
SAMPLING ME	:ТНОД:			P	ROJECT COORDINATES	SYSII	EM - NAD 1983 StatePlane North Carolina FIPS 3200 Feet	
Depth (feet)	NOTES	DEPOSITIONAL ENVIRONMENT	GRAPHIC	AMPLE NO.		MAT	TERIAL DESCRIPTION	WATER LEVEL
0		0.5	<u>. alte alte</u> alte de al	T	OPSOIL			
1 - 2 - 3 - 4 - 5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 14 - 14 - 15 - 14 - 15 - 14 - 15 - 15		5.0			ore Hole terminated at 5.	0 feet	t.	
15	1							
GROUNDWAT		DATE	DEPTH (FT)		REMARKS			
ATD END OF DRILLING	G Y						8	
AFTER DRILLING							= =	
AFTER DRILLING	•							

PROJECT:		City	of Durham	Parks			BORING LOG: WD-32	
		S&ME	Project No. 2	23050630			Sheet 1 of 1	
DATE:	09/03/2024		ELEVATIO	N:		l	NOTES:	
EQUIPMENT:	Geoprobe 662	20DT	1		DATUM:			
OPERATOR:	Rick Wolf		DEPTH:	7.0	ft			
HAMMER TYP	E: Not Applicat	ole	CLOSURE	: Mixture of I	Bentonite Chips and Cutting	gs		
DRILLING MET			LOGGED	BY: Chelse				870855
SAMPLING ME	THOD:			P	ROJECT COORDINATE S	YSTE	EM - NAD 1983 StatePlane North Carolina FIPS 3200 Feet	
Depth (feet)	NOTES	DEPOSITIONAL ENVIRONMENT	GRAPHIC	SAMPLE NO.		MATI	ERIAL DESCRIPTION	WATER LEVEL
0			<u>alka alka a</u> lka alka aka a	T	OPSOIL		-	
-		0.5	Ma alla da al	L	oose, black, moist, Incinera	ator v	waste (black soil with glass)	
1-								
2-								
_								
3 –								
-								
4 —		4.0		S	ILTY SAND loose, brown, m	nediui	m to coarse grained, wet	
_								
5 —								
6-								
-								
7 –		7.0		В	ore Hole terminated at 7.0) feet		
-								
8-								
9 —								
_								
10 —								
-								
11 —								
12 —								
12 -								
13 —								
-								
14 —								
45								
15	FR	DATE	DEPTH		REMARKS			
ATD			(FT)		KENIANIO			
END OF DRILLING								
AFTER DRILLING AFTER DRILLING	Y			+				

PROJECT:			С	ity of [Durham	Parks			BORI	NG LOG:	WD-33		
			S&N	ΛΕ Proje	ect No. 2	3050630				Sheet 1	! of 1		
DATE:	09/03/	2024		E	LEVATION	N:			NOTES:				
EQUIPMENT:	Geopro	be 6620DT					DATUM:						
OPERATOR:	Rick W	olf		D	DEPTH:	10	.0 ft						
HAMMER TYP				c	LOSURE:	Mixture of	Bentonite Chips and Cutti	ngs					
DRILLING MET		DPT				Y: Chels			LATITUDE:	35.985720	LONGITUDE	: -78	3.870846
SAMPLING MI	ETHOD:					F	PROJECT COORDINATE	SYSTI	EM - NAD 1983 S	StatePlane North	Carolina FIPS 3	200 Feet	ı
Depth (feet)	NO [,]	TES	DEPOSITIONAL ENVIRONMENT	GRAPHIC	SA	AMPLE NO.		MAT	TERIAL DESCRIPT	ION			WATER LEVEL
0		0.2	2		314, 314,		ГорѕоіІ						
1 – -						9	SILTY CLAY brown, moist						
2-		2.0		11111/	/ /	В	rown, fine to medium grai	ined, I	ncinerator was	ste (black soi	l and glass)		
3 –													
4 —													
5 —			臣										
6 —													
7 –													
8 - - 9 -													
_													
10 —		10.0				E	Bore Hole terminated at 1	0.0 fee	et.			/	
11 –													
12 —													
13 —													
14 —													
15					DEPTH								
GROUNDWAT		DA	ΛΓE		(FT)		REMARKS			_		Q	
ATD END OF DRILLIN	G ZZ									-		&	
AFTER DRILLING	•										110 :		
AFTER DRILLING	•)111;		

PROJECT:		City	of Durham	Parks			BORING LOG: WD-34	
		S&ME P	roject No. 2	3050630			Sheet 1 of 1	
DATE:	09/03/2024		ELEVATIO	N:			NOTES:	
EQUIPMENT:	Geoprobe 66	20DT			DATUM:			
OPERATOR:	Rick Wolf		DEPTH:	12.0	O ft			
HAMMER TYP	E: Not Applica	ble	CLOSURE:	Mixture of E	Bentonite Chips and Cutting	gs _		
DRILLING MET			LOGGED B	Y: Chelse				371003
SAMPLING ME	THOD:			PI	ROJECT COORDINATE S	YSTE	■ NAD 1983 StatePlane North Carolina FIPS 3200 Feet	
Depth (feet)	NOTES	DEPOSITIONAL ENVIRONMENT	GRAPHIC	AMPLE NO.		MAT	ERIAL DESCRIPTION	WATER LEVEL
0			ks_siks_siks	_ TO	OPSOIL			
_				In	cerator waste with glass a	nd b	rick	
1 –								
2-								
_								
3 —								
-								
4 —								
5 —								
6-								
_								
7 —								
_								
8 –								
9 —								
_								
10 —		10.0		SI	LT (ML), with clay, brown			
-					(
11 –								
12 —		12.0						
-				Be	ore Hole terminated at 12.	.0 fee	et/	
13 —								
_								
14 —								
15								
GROUNDWAT	ER	DATE	DEPTH (ET)		REMARKS			
ATD	\square		(FT)				8	
END OF DRILLING								
AFTER DRILLING AFTER DRILLING	Y							
	. '		•					

PROJECT:			City o	f Durham	Parks			BORI	NG LOG:	WD-35		
				oject No. 2					Sheet 1	1 of 2		
DATE:	09/03/2	2024		ELEVATIO	N:			NOTES:				
EQUIPMENT:	Geopro	be 6620DT				DATUM:						
OPERATOR:	Rick Wo	olf		DEPTH:	15.0	O ft						
HAMMER TYP	E: Not A	oplicable		CLOSURE:	: Mixture of E	Bentonite Chips and Cuttin	ngs					
DRILLING MET		DPT		LOGGED E	3Y: Chelse					LONGITUDE:		870639
SAMPLING MI	ETHOD:				P	ROJECT COORDINATE S	SYSTE	- NAD 1983	StatePlane North	Carolina FIPS 320	00 Feet	
Depth (feet)	NOT	ES	DEPOSITIONAL ENVIRONMENT	GRAPHIC	AMPLE NO.		MAT	ERIAL DESCRIPT	TION			WATER LEVEL
0		1.0	ક્ષીદ હો	k sille sille sille sile sile k sille sile sille sile sil		OPSOIL lack, Incinerator waste						
8 - 9		10.0										
10					SI	LTY SAND light brown						
12 —												
13 —												
14 –		15.0										
GROUNDWAT	TER	DA	<u></u> ГЕ	DEPTH (ET)		REMARKS						
ATD	✓			(FT)					\dashv		&	
END OF DRILLING AFTER DRILLING AFTER DRILLING	G X									<u></u>		
	1								_			

PROJECT:			(City of	Durham	Parks			BOR	ING LO	i: WD-35		
			S&I	ME Proj	ect No.	23050630				Shee	t 2 of 2		
DATE:	09/0	3/2024		ı	ELEVATIO	N:			NOTES:				
QUIPMENT	: Geo	probe 6620D1	Γ				DATUM:						
PERATOR:	Rick	Wolf		ı	DEPTH:	15	.0 ft						
IAMMER TY	PE: No	t Applicable		(CLOSURE	: Mixture of	Bentonite Chips and Cuttin						
RILLING ME				I	LOGGED	BY: Chels			LATITUDE:		LONGITUDE:		870639
AMPLING N	METHOL); 				 !	PROJECT COORDINATE S	51516	EIVI - NAD 198.	3 StatePlane No	orth Carolina FIPS 3200	reet	
Depth (feet)		NOTES	DEPOSITIONAL ENVIRONMENT	GRAPHIC		SAMPLE NO.		MAT	ERIAL DESCRII	PTION			WATER LEVEL
						\[Bore Hole terminated at 15	5.0 fee	et.				
16 —													
_													
17 —													
10													
18 —													
19 —													
-													
20 —													
21 –													
22 –													
-													
23 –													
24 —													
-													
25 —													
26 –													
_													
27 —													
-													
28 –													
29 —													
-													
30 — GROUNDWA	ATER		ATE	I	DEPTH		DEMARKS						
			AI E		(FT)		REMARKS			\perp) .	
TD ND OF DRILLI		✓ x								\dashv		X	
FTER DRILLIN		▼											
FTER DRILLIN		▼			1								
	I				•								

PROJECT:		City	of Durham	Parks			BORING LOG: WD-36	
			roject No. 2				Sheet 1 of 1	
DATE:	09/03/2024		ELEVATIO	N:		ı	NOTES:	
EQUIPMENT:	Geoprobe 662	20DT	1		DATUM:			
OPERATOR:	Rick Wolf		DEPTH:	5.0	ft			
HAMMER TYP	E: Not Applicab	ole	CLOSURE:	Mixture of I	Bentonite Chips and Cutting	gs		
DRILLING MET			LOGGED E	BY: Chelse				870963
SAMPLING ME	THOD:			P	ROJECT COORDINATE S	YSTE	M - NAD 1983 StatePlane North Carolina FIPS 3200 Feet	
Depth (feet)	NOTES	DEPOSITIONAL ENVIRONMENT	GRAPHIC	AMPLE NO.		MATE	ERIAL DESCRIPTION	WATER LEVEL
0		0.5	<u>alte alte al</u> te	To	opsoil			
-		1.0	2016 26 20	В	lack, Incinerator ash mixed	d thro	ough soil, small glass pieces	
1 –		1.0	Y// III	S	ILTY CLAY soft, light brown	to ta	n, moist to wet	
_			Y//.					
2-			/ ///					
3-			[///]]					
4 —			///					
_			///					
5 —		5.0	И//Щ	B	ore Hole terminated at 5.0) feet		
-						,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
6 —								
-								
7 –								
8 –								
9 —								
10 —								
=								
11 —								
-								
12 —								
12								
13 –								
14 —								
15								
GROUNDWAT		DATE	DEPTH (FT)		REMARKS			
ATD END OF DRILLING								
AFTER DRILLING	T							
AFTER DRILLING	•							

PROJECT:		City o	f Durham	Parks			BORING LOG: WD-37	
			oject No. 2				Sheet 1 of 1	
DATE:	09/03/2024		ELEVATIO				NOTES:	
EQUIPMENT:	Geoprobe 66	20DT	1		DATUM:			
OPERATOR:	Rick Wolf		DEPTH:	5.0	ft			
HAMMER TYPI	E: Not Applical	ble	CLOSURE:	Mixture of E	Bentonite Chips and Cutting	gs		
DRILLING MET			LOGGED E	BY: Chelse				871194
SAMPLING ME	THOD:		<u> </u>	P	ROJECT COORDINATE S	SYSTI	EM - NAD 1983 StatePlane North Carolina FIPS 3200 Feet	
Depth (feet)	NOTES	DEPOSITIONAL ENVIRONMENT	GRAPHIC	AMPLE NO.		MAT	TERIAL DESCRIPTION	WATER LEVEL
0			<u>alia_alia</u> alia aa al	To	ppsoil			
_		0.5	allia ala al	Ir	cinerator soil mixed with	glass		
1 –								
2-								
_		2.5			UT (Adl) by			
3 —				51	LT (ML), brown			
-								
4 —								
_		5.0						
5 —				В	ore Hole terminated at 5.0	0 feet	t.	
6-								
_								
7 –								
-								
8 –								
9-								
_								
10 —								
-								
11 —								
12								
12 —								
13 —								
_								
14 —								
45								
15	FR	DATE	DEPTH		REMARKS			
ATD			(FT)		KEMAKKS		E &	
END OF DRILLING								
AFTER DRILLING AFTER DRILLING	Y							
				1				

PROJECT:		Ci	ty of Durl	ham Parks			BORING LOG: WD-38	
		S&M	IE Project N	No. 23050630)		Sheet 1 of 1	
DATE:	09/03/2024			ATION:			NOTES:	
EQUIPMENT:	Geoprobe 662	0DT	'		DATUM:			
OPERATOR:	Rick Wolf		DEPT	'H: 5	.0 ft			
HAMMER TYP	E: Not Applicabl	le	CLOS	URE: Mixture	of Bentonite Chips and Cuttin	ngs		
DRILLING MET			LOGO	GED BY: Che				871349
SAMPLING ME	THOD:				PROJECT COORDINATE	SYSTI	EM - NAD 1983 StatePlane North Carolina FIPS 3200 Feet	
Depth (feet)	NOTES	DEPOSITIONAL ENVIRONMENT	GRAPHIC	SAMPLE NO.		MAT	ERIAL DESCRIPTION	WATER LEVEL
0		0.5	alte alte alte alte	3	TOPSOIL			
1 - 2 - 3 - 4 - 5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 14 - 14 - 14 - 14 - 14 - 14		5.0			Bore Hole terminated at 5.	.0 feet		
15								
GROUNDWAT	ER	DATE		FT)	REMARKS			
ATD	\Box		,	,			= &	
END OF DRILLING	Y						<u> </u>	
AFTER DRILLING								

PROJECT:		City	of Durham	Parks			BORING LOG: WD-38A	
		-	Project No. 2				Sheet 1 of 1	
DATE:	09/03/2024		ELEVATIO	N:			NOTES:	
EQUIPMENT:	Geoprobe 66	520DT	<u>'</u>		DATUM:			
OPERATOR:	Rick Wolf		DEPTH:	5.0	ft			
HAMMER TYP	E: Not Applica	ıble	CLOSURE:	Mixture of B	Sentonite Chips and Cutting	gs		
DRILLING MET			LOGGED B	SY: Chelse				.871185
SAMPLING ME	THOD:			PI	ROJECT COORDINATE S	YSTE	EM - NAD 1983 StatePlane North Carolina FIPS 3200 Feet	
Depth (feet)	NOTES	DEPOSITIONAL ENVIRONMENT	GRAPHIC St	AMPLE NO.		MAT	ERIAL DESCRIPTION	WATER LEVEL
0			shte_shte	SI	DPSOIL ack, Incinerator waste LTY CLAY brown Dre Hole terminated at 5.0	O feet		
13 - 14 - 15								
GROUNDWAT	ER	DATE	DEPTH (ET)		REMARKS			
ATD			(FT)				&	
END OF DRILLING AFTER DRILLING								
AFTER DRILLING	•							

PROJECT:		City o	f Durham	Parks			BORING LOG: WD-39	
			oject No. 2				Sheet 1 of 1	
DATE:	09/03/2024		ELEVATIO				NOTES:	
EQUIPMENT:	Geoprobe 662	20DT	1		DATUM:			
OPERATOR:	Rick Wolf		DEPTH:	5.0	ft			
HAMMER TYP	E: Not Applicab	ole	CLOSURE:	Mixture of	Bentonite Chips and Cutting	ıgs		
DRILLING MET			LOGGED B	BY: Chelse				78.871500
SAMPLING MI	ETHOD:			P	ROJECT COORDINATE S	SYSTE	EM - NAD 1983 StatePlane North Carolina FIPS 3200 Feet	
Depth (feet)	NOTES	DEPOSITIONAL ENVIRONMENT	GRAPHIC	AMPLE NO.		MAT	ERIAL DESCRIPTION	WATER LEVEL
0 — — — — — — — — — — — — — — — — — — —			2 slk slk slk sl	S	OPSOIL ANDY SILT brown, dry ore Hole terminated at 5.0	0 feet	t.	7
45								
15 - GROUNDWAT	TER	DATE	DEPTH		REMARKS			
ATD	□ □	= - · · · =	(FT)				= &	
END OF DRILLING AFTER DRILLING								
AFTER DRILLING	•							

PROJECT:		City o	f Durham	Parks			BORING LOG: WD-39A	
			oject No. 2				Sheet 1 of 1	
DATE:	09/03/2024		ELEVATIO	N:			NOTES:	
EQUIPMENT:	Geoprobe 662	20DT	1		DATUM:			
OPERATOR:	Rick Wolf		DEPTH:	3.0	ft			
HAMMER TYP	E: Not Applicab	ole	CLOSURE:	Mixture of E	Bentonite Chips and Cuttin	gs		
DRILLING MET			LOGGED B	BY: Chelse				871432
SAMPLING ME	THOD:			PI	ROJECT COORDINATE S	SYSTE	EM - NAD 1983 StatePlane North Carolina FIPS 3200 Feet	
Depth (feet)	NOTES	DEPOSITIONAL ENVIRONMENT	GRAPHIC	AMPLE NO.		MAT	ERIAL DESCRIPTION	WATER LEVEL
0			a sille_sille	\In SI	DPSOIL icinerator ash with some v LT brown			
4 -				(Bi	ore Hole terminated at 3.0	o reec		
9 - 10 - 11 - 12 - 13 - 14 -								
15								
GROUNDWAT	ER	DATE	DEPTH (FT)		REMARKS			
ATD	\Box						&	
END OF DRILLING AFTER DRILLING AFTER DRILLING							■ ■	

PROJECT:			City	of Dur	ham F	Parks			BOR	NG LOG	: WD-40		
						3050630				Sheet	1 of 1		
DATE:	09/03/2	.024			ATION				NOTES:				
EQUIPMENT:	Geoprol	oe 6620DT					DATUM:						
OPERATOR:	Rick Wo	lf		DEPT	ГН:	10	.0 ft						
HAMMER TY	PE: Not Ap	plicable		CLOS	SURE:	Mixture of	Bentonite Chips and Cuttir	ngs					
DRILLING ME		DPT		LOG	GED B		ea Parra		LATITUDE:		LONGITUDI		.871402
SAMPLING M	ETHOD:						PROJECT COORDINATE	SYSTE	EM - NAD 1983	StatePlane No	rth Carolina FIPS	3200 Feet	
Depth (feet)	NOTE	ES	DEPOSITIONAL	GRAPHIC		MPLE NO.		MAT	ERIAL DESCRIP	ΓΙΟΝ			WATER LEVEL
0		0.5	<u></u>	<u>alk alk ah</u>	la d	-	TOPSOIL						
1 — - 2 — -		0.5		2 2012 32		3	SANDY SILT light brown						
3 –		3.0					SILTY CLAY brown, moist						
4-													
5 —													
6-													
7 –													
8 —													
9 —													
10 —		10.0		[\[Bore Hole terminated at 10	0.0 fee	et.				
11 –													
12 —													
13 —													
14 —													
15				l Di	EPTH								
GROUNDWA		DA	ΓE		(FT)		REMARKS					O	
ATD END OF DRILLIN	IG 🗷									\dashv		CX	
AFTER DRILLING	i 💌												
AFTER DRILLING											, , ,		

PROJECT:			(City of D	Ourham	Parks			BORII	NG LOG:	WD-41		
					ect No. 2					Sheet 1	of 1		
DATE:	09/03/	/2024		E	LEVATION	N:			NOTES:				
EQUIPMENT:	: Geopr	obe 6620DT		,			DATUM:						
OPERATOR:	Rick W	olf		D	EPTH:	6.5	ft						
HAMMER TY	PE: Not A	Applicable		C	LOSURE:	Mixture of	Bentonite Chips and Cuttin	ngs					
DRILLING ME		DPT		L	OGGED B	Y: Chelse					LONGITUDE:		871562
SAMPLING IV	NETHOD:		1			P	ROJECT COORDINATE S	SYSTE	EM - NAD 1983 S	tatePlane North	Carolina FIPS 32	00 Feet	
Depth (feet)	NO	OTES	DEPOSITIONAL ENVIRONMENT	GRAPHIC		AMPLE NO.		MAT	ERIAL DESCRIPTI	ON			WATER LEVEL
0		1.	5		sk st sk <u>s</u> stks sk st sk <u>s</u> stks	Т	opsoil with glass pieces						
2-		_				S	ILTY SAND						
4 —													
5 — - 6 —													
7 –		6.	5			E	ore Hole terminated at 6.	5 feet	:. 				
8-													
9 —													
10 —													
11 —													
12 –													
13 –													
14 —													
15		1								T			
GROUNDWA		D	ATE		DEPTH (FT)		REMARKS					0	
ATD	NC Z									-		&	
END OF DRILLIN	G 💌										111 5		
AFTER DRILLING	G 💌										111 2		

PROJECT:		City	of Durham	Parks			BORING LOG: WD-42	
		S&ME P	roject No. 2	3050630			Sheet 1 of 2	
DATE:	09/03/2024		ELEVATIO	N:			NOTES:	
EQUIPMENT:	Geoprobe 662	20DT			DATUM:			
OPERATOR:	Rick Wolf		DEPTH:	15.	0 ft			
HAMMER TYP	E: Not Applicat	ole	CLOSURE:	Mixture of	Bentonite Chips and Cutting	gs		
DRILLING MET	THOD: DPT		LOGGED B					871129
SAMPLING ME	THOD:		<u> </u>	P	ROJECT COORDINATE S	YSTI	EM - NAD 1983 StatePlane North Carolina FIPS 3200 Feet	
Depth (feet)	NOTES	DEPOSITIONAL ENVIRONMENT	_	AMPLE NO.		MAT	TERIAL DESCRIPTION	WATER LEVEL
0		0.5	lte alte alte alte de al	Т	OPSOIL			
_		0.0		В	lack, Incinerator waste wit	th gla	nss	
1-								
2-								
3 —								
-								
4 —								
-								
5 —								
6-								
7 –								
_								
8-								
_		8.5		S	ILT with clay, light orange b	brow	n	
9 —								
-		10.0						
10 —				Р	WR red brown purple brow	wn		
11 —								
12 —								
-								
13 —								
14 —								
15		15.0						
GROUNDWAT	TER	DATE	DEPTH (FT)		REMARKS			
ATD	\Box		X-17				&	
END OF DRILLING								
AFTER DRILLING AFTER DRILLING								
				1				

PROJECT:			(City of	Durham	Parks			BOR	ING LO	6: WD-42		
			S&I	ME Proj	ect No.	23050630				Shee	t 2 of 2		
DATE:	09/0	3/2024		ı	ELEVATIO	N:			NOTES:				
QUIPMENT	: Geo	probe 6620D	Т				DATUM:						
PERATOR:	Rick	Wolf		ı	DEPTH:	15.	.0 ft						
IAMMER TY	YPE: No	t Applicable		(CLOSURE	: Mixture of	Bentonite Chips and Cuttin						
RILLING M				I	LOGGED	BY: Chelse			LATITUDE:		O LONGITUDE:		871129
AMPLING N	VIETHOL); 				P	PROJECT COORDINATE S	SYSIE	EIVI - NAD 198.	3 StatePlane No	orth Carolina FIPS 3200	reet	
Depth (feet)		NOTES	DEPOSITIONAL ENVIRONMENT	GRAPHIC	5	SAMPLE NO.		MAT	ERIAL DESCRII	PTION			WATER LEVEL
						E	Bore Hole terminated at 15	5.0 fee	et.				
16 —													
_													
17 —													
10													
18 —													
19 —													
-													
20 —													
21 –													
22 —													
-													
23 –													
24 —													
+													
25 —													
26 –													
-													
27 —													
28 —													
20													
29 —													
-													
30 — GROUNDW	ΔTFR		DATE		DEPTH		REMARKS						
TD		<u> </u>	-AIL		(FT)		I/LIAIMI//3			-		2.	
ND OF DRILLI		Z			1					_		X	
FTER DRILLIN		T			1								
FTER DRILLIN		T			1								
						•				_			

PROJECT:		City o	f Durham	Parks			BORING LOG: WD-43	
		S&ME Pr	oject No. 2	3050630			Sheet 1 of 1	
DATE:	09/03/2024		ELEVATIO	N:			NOTES:	
EQUIPMENT:	Geoprobe 662	.ODT			DATUM:			
OPERATOR:	Rick Wolf		DEPTH:	5.0	ft			
HAMMER TYPI	E: Not Applicab	le	CLOSURE:	Mixture of	Bentonite Chips and Cuttir	ngs		
DRILLING MET			LOGGED B				LATITUDE: 35.986032 LONGITUDE:	-78.871261
SAMPLING ME	THOD:			P	ROJECT COORDINATE S	SYSTI	EM - NAD 1983 StatePlane North Carolina FIPS 3200	Feet
Depth (feet)	NOTES	DEPOSITIONAL ENVIRONMENT	GRAPHIC	AMPLE NO.		MAT	TERIAL DESCRIPTION	WATER LEVEL
0 — — — — — — — — — — — — — — — — — — —			2 alle alle alle see al	S	OPSOIL ILT (ML), brown ore Hole terminated at 5.	0 feet	et.	
15							 	
GROUNDWAT	ER	DATE	DEPTH (FT)		REMARKS			
ATD							= 8	1
END OF DRILLING AFTER DRILLING	•						m =	
AFTER DRILLING	•							

PROJECT:		City	of Durham	Parks			BORING LOG: WD-44	
		S&ME P	roject No. 2	3050630			Sheet 1 of 1	
DATE:	09/03/2024		ELEVATIO	N:			NOTES:	
EQUIPMENT:	Geoprobe 662	0DT			DATUM:			
OPERATOR:	Rick Wolf		DEPTH:	5.0	ft			
HAMMER TYPI	: Not Applicab	le	CLOSURE:	: Mixture of	Bentonite Chips and Cuttin	ngs		
DRILLING MET			LOGGED E	BY: Chelse				-78.870981
SAMPLING ME	THOD:			P	ROJECT COORDINATES	SYSIE	EM - NAD 1983 StatePlane North Carolina FIPS 3200 Fe	et
Depth (feet)	NOTES	DEPOSITIONAL ENVIRONMENT	GRAPHIC	AMPLE NO.		MAT	TERIAL DESCRIPTION	WATER LEVEL
0 — — — — — — — — — — — — — — — — — — —			Ale sile siles	S	OPSOIL ILT (ML), brown Fore Hole terminated at 5.0	0 feet	t.	
15								
GROUNDWAT	ER	DATE	DEPTH (FT)		REMARKS			
ATD	\Box						8	
END OF DRILLING AFTER DRILLING	•							
AFTER DRILLING	▼							

PROJECT:		City	of Durham	Parks			BORING LOG: WD-45	
			roject No. 2				Sheet 1 of 1	
DATE:	09/03/2024		ELEVATIO				NOTES:	
EQUIPMENT:	Geoprobe 66	20DT	-		DATUM:			
OPERATOR:	Rick Wolf		DEPTH:	5.0	ft			
HAMMER TYP	E: Not Applica	ble	CLOSURE:	Mixture of E	Bentonite Chips and Cutting	gs		
DRILLING MET			LOGGED E	SY: Chelse				.870782
SAMPLING ME	THOD:			P	ROJECT COORDINATE S	YSTE	EM - NAD 1983 StatePlane North Carolina FIPS 3200 Feet	
Depth (feet)	NOTES	DEPOSITIONAL ENVIRONMENT	GRAPHIC	AMPLE NO.		MAT	ERIAL DESCRIPTION	WATER LEVEL
0			alis_alis_ alis_as_a	T	OPSOIL			
-		0.5	str str st		ANDY LEAN CLAY brown, m	noist		
1 —			////					
		[///	////					
2-		V//	////					
3-		//	////					
_								
4 —			////					
-		\	////					
5 —		5.0		В	ore Hole terminated at 5.0) feet	/	
_								
6 —								
7-								
8 —								
-								
9 —								
-								
10 —								
11 —								
12 —								
-								
13 —								
14 —								
'								
15								
GROUNDWAT	ER	DATE	DEPTH (FT)		REMARKS			
ATD	\Box						= &	
END OF DRILLING AFTER DRILLING	T							
AFTER DRILLING	•							

PROJECT:		City o	f Durham	Parks			BORING LOG: WD-46		
		S&ME Pr	oject No. 2	3050630			Sheet 1 of 1		
DATE:	09/03/2024		ELEVATIO			ı	NOTES:		
EQUIPMENT:	Geoprobe 6620DT	Γ	1		DATUM:				
OPERATOR:	Rick Wolf		DEPTH:	4.0	ft				
HAMMER TYP	E: Not Applicable		CLOSURE:	Mixture of I	Bentonite Chips and Cutting	gs			
DRILLING MET			LOGGED E	BY: Chelse			LATITUDE: 35.985239 LONGITUDE:	-78.871	519
SAMPLING ME	THOD:			P	ROJECT COORDINATE S	YSTE	EM - NAD 1983 StatePlane North Carolina FIPS 3200	Feet	
Depth (feet)	NOTES	DEPOSITIONAL ENVIRONMENT	GRAPHIC	AMPLE NO.		MATI	TERIAL DESCRIPTION	WATER	WAI EN LEVEL
0		.0	a 3Ma 3Ma	S	OPSOIL IITY CLAY soft, light brown, ore Hole terminated at 4.0				
15									
GROUNDWAT	ER D	ATE	DEPTH (FT)		REMARKS				_
ATD	\Box		, ,					&	
END OF DRILLING AFTER DRILLING									
AFTER DRILLING	•								

PROLITION RECOVERS TO BE SECOND TO STATE THE PROLITION STATE OF THE PROLITICAL STATE OF THE PROLITION STATE OF THE	PROJECT:		City o	of Durham	Parks			BORING LOG: WD-46A	
ROUPMENT: Geoprobe 6620DT DATUM: OPERATOR: Rick Wolf CLOSURE: Motor of Bertholde Chips and Cuttings DEPTH: 3.0 ft CLOSURE: Motor of Bertholde Chips and Cuttings DATUM: OGGED BY: Chelses Parra NOTES DEPTH: 3.0 ft CLOSURE: Motor of Bertholde Chips and Cuttings PROJECT COORDINATE SYSTEM - Not 3198 Supervisor North Cardina RIFS 300 Feet PROJECT COORDINATE SYSTEM - Not 3198 Supervisor North Cardina RIFS 300 Feet NOTES DEPTH: 3.0 ft NOTES DE			-					Sheet 1 of 1	
PROPERATOR: Rick Wolf Depth: 3.0 ft AMMMERTYPE: Not Applicable DVT LOGGED BY: Chelsea Parra LOGGED BY: Chelsea Parra PROJECT COORDINATE SYSTEM - Not DWS Sandbuse Noth Cooling Fig. 3.00 feet - 78.471-274 - 79.	DATE:	09/03/2024		ELEVATIO	N:			NOTES:	
AMMERTYPE: Not Applicable DRILLING METHOD: PRIVATE AND THE SAMPLE SAMP	EQUIPMENT:	Geoprobe 66	20DT			DATUM:			
DRILLING METHOD: DPT	OPERATOR:	Rick Wolf		DEPTH:	3.0	ft			
SAMPLING METHOD: PROJECT COORDINATE SYSTEM - NAD THAT DESCRIPTION PROJECT COORDINATE SYSTEM - NAD THAT DESCRIPTION PROJECT COORDINATE SYSTEM - NAD THAT DESCRIPTION SAMPLE NO. SAMPLE N	HAMMER TYP	E: Not Applica	ble	CLOSURE:	Mixture of E	Bentonite Chips and Cuttin	ngs		
SAMPLE NOTES UNDESCRIPTION UND				LOGGED E					3.871424
O	SAMPLING ME	THOD:			PI	ROJECT COORDINATE S	SYSTI	EM - NAD 1983 StatePlane North Carolina FIPS 3200 Feet	
1 - 0.8	Depth (feet)	NOTES	DEPOSITIONAL	GRAPHIC			MAT	TERIAL DESCRIPTION	WATER LEVEL
PWR light brown PWR light brown	0			lk_ 1316_1316	TO	OPSOIL			
2 - 3 - 3.0	-				In	cinerator waste with glas	is		
Bore Hole terminated at 3.0 feet.	_		30		P\	WR light brown			
5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 14 - 15 - 15 - 15 - 15 - 15	3 –		3.0	1///(В	ore Hole terminated at 3.	0 feet	t	1
5 - 6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 14 - 15 - 15 - 15 - 15 - 15	_								
6 - 7 - 8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 15 - 15 - 16 - 17 - 18 - 18 - 18 - 18 - 18 - 18 - 18	4 –								
6 - 7 - 8 - 9 - 10 - 11 - 12 - 12 - 13 - 14 - 15 - 15 - 15 - 15 - 16 - 17 - 18 - 18 - 18 - 18 - 18 - 18 - 18	5 —								
To									
8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 15 - 15 - 16 - 17 - 17 - 18 - 18 - 18 - 18 - 18 - 18	6-								
8 - 9 - 10 - 11 - 12 - 13 - 14 - 15 - 15 - 15 - 16 - 17 - 17 - 18 - 18 - 18 - 18 - 18 - 18	_								
9 - 10 - 11 - 12 - 13 - 14 - 15 - 15 - 15 - 15 - 16 - 17 - 17 - 18 - 18 - 18 - 18 - 18 - 18	7 —								
9 - 10 - 11 - 12 - 13 - 14 - 15 - 15 - 15 - 15 - 16 - 17 - 17 - 18 - 18 - 18 - 18 - 18 - 18	_								
10 -	8 –								
10 -									
11 -	9 _								
GROUNDWATER DATE DEPTH (FT) REMARKS ATD SEND OF DRILLING SE	10 —								
GROUNDWATER DATE DEPTH (FT) REMARKS ATD SEND OF DRILLING SE	_								
GROUNDWATER DATE DEPTH (FT) REMARKS ATD SEEND OF DRILLING SEE	11 —								
GROUNDWATER DATE DEPTH (FT) REMARKS ATD SEEND OF DRILLING SEE	-								
GROUNDWATER DATE DEPTH (FT) REMARKS ATD SEEND OF DRILLING SEE	12 —								
GROUNDWATER DATE DEPTH (FT) REMARKS ATD END OF DRILLING	13 —								
GROUNDWATER DATE DEPTH (FT) REMARKS ATD SEND OF DRILLING SE	_								
GROUNDWATER DATE DEPTH (FT) REMARKS ATD \(\subseteq \) END OF DRILLING \(\subseteq \subseteq \)	14 —								
GROUNDWATER DATE DEPTH (FT) REMARKS ATD \(\subseteq \) END OF DRILLING \(\subseteq \subseteq \)									
ATD \(\sigma\) END OF DRILLING \(\sigma\) END OF DRILLING \(\sigma\)				DEDTU					
END OF DIVIDENCE			DATE	l l		REMARKS			
	ATD FND OF DRILLING								
AFTER DRILLING ▼	AFTER DRILLING								
	AFTER DRILLING	▼							

PROJECT	:		(City of E	Ourham	Parks		BORIN	NG LOG: WD-47	
					ect No. 2				Sheet 1 of 1	
DATE:	09/	03/2024		E	LEVATION	l:		NOTES:		
QUIPMEN	NT: Ge	oprobe 6620	ODT				DATUM:			
OPERATOR	R: Ric	k Wolf		D	EPTH:	5.	0 ft			
HAMMER 1	TYPE: N	ot Applicabl	ie	С	LOSURE:	Mixture c	of Bentonite Chips and Cuttings			
DRILLING N				L	OGGED B		sea Parra		35.985318 LONGITUDE:	-78.871582
SAMPLING	IVIETHO	υ:					PROJECT COORDINATE SYS	I EIVI - NAD 1983 ST	ateriane North Carolina FIPS 3200	reet
Depth (feet)		NOTES	DEPOSITIONAL FNVIRONMENT	GRAPHIC		MPLE NO.	M	ATERIAL DESCRIPTION	ON	WATER LEVEL
0				alis alis a	3/4 3/		TOPSOIL			
1-			1.0	3/16 3/16 3/16	h <u>e s</u> hte ste sh	_	SANDY LEAN CLAY soft, light br	own to tan, mois	at to wet	
2- - 3-										
4 —										
5 —			5.0	1////		Ñ	Bore Hole terminated at 5.0 fe	et.		
6-										
7 –										
8 –										
9 —										
10 —										
11 -										
12 -										
13 —										
14 —										
15 <u></u>	AVATED				DEPTH		DEMARKE		1	
GROUNDV ATD	WAIEK	abla	DATE		(FT)		REMARKS			
END OF DRIL	LING	∡							= 8	X.
AFTER DRILL		•								
AFTER DRILL	ING	T								=

PROJECT:				City of	Durham	Parks			BORING LOG: WD-48	
			s	&ME Pro	ject No.	23050630			Sheet 1 of 1	
DATE:	09/0	3/2024			ELEVATIO	N:			NOTES:	
EQUIPMENT	r : Geop	robe 6620E	Т				DATUM:			
OPERATOR:	Rick \	Wolf			DEPTH:	7.0) ft			
HAMMER T	YPE: Not	Applicable			CLOSURE	: Mixture of	Bentonite Chips and Cutting	ıgs		
DRILLING M		DPT			LOGGED	BY: Chels				871671
SAMPLING I	METHOD	:					PROJECT COORDINATE S	SYSTE	EM - NAD 1983 StatePlane North Carolina FIPS 3200 Feet	
Depth (feet)	Ŋ	NOTES	DEPOSITIONAL	ENVIRONMENT	9	SAMPLE NO.		MATI	TERIAL DESCRIPTION	WATER LEVEL
0 - 1 - -			1.0				Asphalt SILTY CLAY (CL-ML), soft, lig odor Light gray and light brown f		rown to dark brown, moist, no staining, no	
2 - 3 -			i	≣						
4 — - 5 —			5.0		7.111		PWR SILTY CLAY (CL-ML), fir	rm, re	ed and brown, dry, no staining, no odor	
6 —										
7 —			7.0			\[Bore Hole terminated at 7.0	0 feet	t.	
8 -										
9 —										
10 —										
11 -										
12 - -										
13 —										
14 -										
15	/ΔTFR		DATE	:	DEPTH		REMARKS			
ATD	Z		· · · ·	-	(FT)				 &	
END OF DRILL AFTER DRILLIN	ING Z	Z								
AFTER DRILLIN	NG 3					1				

PROJECT:		Cit	y of Durhan	n Parks			BORING LOG: WD-49	
		S&ME	Project No.	23050630			Sheet 1 of 1	
DATE:	09/03/2024		ELEVATIO	ON:			NOTES:	
EQUIPMENT:	Geoprobe 662	20DT			DATUM:			
OPERATOR:	Rick Wolf		DEPTH:	7.0	O ft			
HAMMER TYP	E: Not Applicab	ole	CLOSURI	E: Mixture of	Bentonite Chips and Cuttin	ngs		
DRILLING MET			LOGGED	BY: Chels				371660
SAMPLING ME	THOD:				PROJECT COORDINATE S	SYSTE	EM - NAD 1983 StatePlane North Carolina FIPS 3200 Feet	
Depth (feet)	NOTES	DEPOSITIONAL ENVIRONMENT	GRAPHIC	SAMPLE NO.		MATI	ERIAL DESCRIPTION	WATER LEVEL
0 ————————————————————————————————————		1.0			Asphalt SILTY CLAY (CL-ML), soft, lig odor Light gray and light brown f		own to dark brown, moist, no staining, no	
5 - 6 - 7 -		7.0					ed and brown, dry, no staining, no odor	
8 - 9 - 10 - 11 - 12 - 13 - 14 -				N	Bore Hole terminated at 7.	0 feet.		
15	FR	DATE	DEPTH		REMARKS			
ATD		DAIL	(FT)		ALMANAS		= &	
END OF DRILLING								
AFTER DRILLING								
AFTER DRILLING								

PROJECT:		City o	f Durham	Parks			BORING LOG: WD-50	
			oject No. 2				Sheet 1 of 1	
DATE:	09/03/2024		ELEVATIO	N:		ı	NOTES:	
EQUIPMENT:	Geoprobe 66	20DT			DATUM:			
OPERATOR:	Rick Wolf		DEPTH:	5.0	ft			
HAMMER TYP	E: Not Applical	ble	CLOSURE:	Mixture of E	Bentonite Chips and Cutting	gs		
DRILLING MET			LOGGED B	SY: Chelse				.870972
SAMPLING ME	THOD:			PI	ROJECT COORDINATE SY	YSTE	M - NAD 1983 StatePlane North Carolina FIPS 3200 Feet	
Depth (feet)	NOTES	DEPOSITIONAL ENVIRONMENT	GRAPHIC	AMPLE NO.		MATE	ERIAL DESCRIPTION	WATER LEVEL
0 - 1- - 2- - 3-		د عادد عادد عاد	to shto shto shto sto sh to shto shto shto shto sh		OPSOIL lack, Incinerator waste			
4 5 6 7		5.0			LT (ML), brown ore Hole terminated at 5.0) feet.	·. /	
8 - 9 - 10 - 11 -								
12 - - 13 - - 14 - - 15								
GROUNDWAT	ER	DATE	DEPTH (ET)		REMARKS			
ATD	\Box		(FT)				8	
END OF DRILLING AFTER DRILLING AFTER DRILLING	5 Y Y Y							

PROJECT:		City	of Durham	Parks			BORING LOG: WD-51	
			Project No. 2				Sheet 1 of 1	
DATE:	09/03/2024		ELEVATIO				NOTES:	
EQUIPMENT:	Geoprobe 66	520DT			DATUM:			
OPERATOR:	Rick Wolf		DEPTH:	5.0	ft			
HAMMER TYP	E: Not Applica	ıble	CLOSURE:	Mixture of E	Bentonite Chips and Cutting	ıgs		
DRILLING MET			LOGGED E	SY: Chelse				.871210
SAMPLING ME	THOD:			P	ROJECT COORDINATE S	SYSTE	EM - NAD 1983 StatePlane North Carolina FIPS 3200 Feet	
Depth (feet)	NOTES	DEPOSITIONAL	GRAPHIC	AMPLE NO.		MAT	ERIAL DESCRIPTION	WATER LEVEL
0 — — — — — — — — — — — — — — — — — — —				SI	OPSOIL lack, Incinerator waste ILTY CLAY brown ore Hole terminated at 5.0	0 feet	i. /	
14 — - 15								
GROUNDWAT	ER	DATE	DEPTH (FT)		REMARKS			
ATD	\Box						&	
END OF DRILLING AFTER DRILLING AFTER DRILLING								
				1				

PROJECT:				City o	f Durha	ım Parks			BORING LO	OG: WD-51A		
			S			. 23050630			She	eet 1 of 1		
DATE:	09/03	3/2024			ELEVAT	TION:			NOTES:			
EQUIPMENT	ւ : Geop	robe 6620	DT		*		DATUM:					
OPERATOR:	Rick \	Volf			DEPTH	: 7.	0 ft					
HAMMER TY	YPE: Not	Applicable	9		CLOSU	RE: Mixture o	f Bentonite Chips and Cuttin	ıgs				
DRILLING M		DPT			LOGGE	D BY: Chel				863 LONGITUDE :	-78.8712	208
SAMPLING N	METHOD:						PROJECT COORDINATE S	SYSTI	EM - NAD 1983 StatePlan	e North Carolina FIPS 320	00 Feet	
Depth (feet)	N	OTES	DEPOSITIONAL	ENVIRONMENT	GRAPHIC	SAMPLE NO.		MAT	ERIAL DESCRIPTION		WATERLEVEL	
0				مادر مار در مادر	<u>s sits sits</u> sits ste si		TOPSOIL					
1-			2.5	31% 31% 6 31% 31% 6 31% 31% 31% 31% 6 31% 31% 6 31% 31%	31 31 31 3 3 3 3 3 3							
			2.5	ale al	yle yle		Incinerator waste with glass	s				
3 –												
4 —												
5 —			5.0	D7)/2	1860	-	PWR light gray and very ligh	ht rec	i			
6 —												
7 –			7.0	7772	8/120		Bore Hole terminated at 7.0	0 feet	<u> </u>			
8-												
9 —												
10 —												
11 —												
12 -												
13 —												
14 —												
15					DEP	гн						_
GROUNDW		7	DATE		(FT		REMARKS				0	
ATD END OF DRILLI	ING ST										&	
AFTER DRILLIN										111 =		
AFTER DRILLIN	NG 🔻									111 2		

PROJECT:		City o	f Durham	Parks			BORING LOG: WD-51B	
			oject No. 2				Sheet 1 of 1	
DATE:	09/03/2024		ELEVATION			l	NOTES:	
EQUIPMENT:	Geoprobe 662	20DT			DATUM:			
OPERATOR:	Rick Wolf		DEPTH:	13.5	5 ft			
HAMMER TYPI	E: Not Applicat	ole	CLOSURE:	Mixture of B	entonite Chips and Cutting	gs		
DRILLING MET			LOGGED B	Y: Chelse				371044
SAMPLING ME	THOD:			PF	ROJECT COORDINATE S	YSTE	EM - NAD 1983 StatePlane North Carolina FIPS 3200 Feet	
Depth (feet)	NOTES	DEPOSITIONAL ENVIRONMENT		AMPLE NO.		MATI	ERIAL DESCRIPTION	WATER LEVEL
0				BI	ack to dark brown, Inciner	rator	ash with glass waste	
-		1.0					-	
1-		1.0	////	SA	NDY LEAN CLAY soft, brov	wn, m	noist	
_			////					
2			////					
3 –			////					
_		///	////					
4 —			////					
-								
5 —		V//,	////					
_		\ \// <i>/</i>	////					
6-		\ \// <i>/</i>						
7-		///	////					
, <u> </u>			////					
8 –								
-			////					
9 —			////					
-		///	////					
10 —			////					
11 —								
"]		V//,	////					
12 —			////					
-		///	////					
13 —		125	////					
-		13.5		Вс	ore Hole terminated at 13.	.5 fee	et. /	
14 —								
15								
GROUNDWAT	ER	DATE	DEPTH (FT)		REMARKS			
ATD	\Box		(F1)				&	
END OF DRILLING								
AFTER DRILLING AFTER DRILLING	Y							
			'					

PROJECT:		City o	f Durham	Parks			BORING LOG: WD-52	
			oject No. 2				Sheet 1 of 1	
DATE:	09/03/2024		ELEVATIO				NOTES:	
EQUIPMENT:	Geoprobe 662	ODT	1		DATUM:			
OPERATOR:	Rick Wolf		DEPTH:	5.0	ft			
HAMMER TYPI	E: Not Applicab	le	CLOSURE:	Mixture of I	Bentonite Chips and Cutting	gs		
DRILLING MET			LOGGED B	SY: Chelse				-78.871380
SAMPLING ME	THOD:			P	ROJECT COORDINATE S	YSTE	EM - NAD 1983 StatePlane North Carolina FIPS 3200 Fe	et
Depth (feet)	NOTES	DEPOSITIONAL ENVIRONMENT	GRAPHIC	AMPLE NO.		MAT	TERIAL DESCRIPTION	WATER LEVEL
0		0.5	2 2)(2 2)(4 2)(4 2)	Т	OPSOIL			
1 -		5.0			ore Hole terminated at 5.0	O feet	t.	
15								
GROUNDWAT	ER	DATE	DEPTH (FT)		REMARKS			
ATD	\Box						8	
END OF DRILLING AFTER DRILLING								
AFTER DRILLING	▼							

PROJECT:		City	of Durham	Parks		BORIN	IG LOG: WD-52A	
		_	Project No. 2				Sheet 1 of 1	
DATE:	09/03/2024		ELEVATIO		1	NOTES:		
EQUIPMENT:	Geoprobe 6	5620DT	"		DATUM:			
OPERATOR:	Rick Wolf		DEPTH:	3.0	t			
HAMMER TYP	E: Not Applic	cable	CLOSURE:	Mixture of B	entonite Chips and Cuttin			
DRILLING MET			LOGGED E	BY: Chelse			5.985721 LONGITUDE: atePlane North Carolina FIPS 320	-78.871316
SAMPLING MI	ETHOD:			Pr	OJECT COORDINATE S	191 EIAI - MAD 1883 20	ateriane North Carolina FIPS 320	o reet
Depth (feet)	NOTES	DEPOSITIONAL ENVIRONMENT	GRAPHIC	AMPLE NO.		MATERIAL DESCRIPTION	DN	WATER LEVEL
0		0.3	<u>alka alka alka</u>		PSOIL cinerator ash with glass	s, waste		
1 – - 2 – –		1.0		SII	T (ML), with clay, brown			
3 –		3.0		Bo	re Hole terminated at 3.0) feet.		
4 —								
5-								
6 - - 7 -								
8-								
9 —								
10 —								
11 —								
12 —								
13 —								
14 –								
GROUNDWAT	TER	DATE	DEPTH (FT)		REMARKS			
ATD	\Box		V. 17					&
END OF DRILLIN AFTER DRILLING								
AFTER DRILLING	•						111 =	

PROJECT:		City o	f Durham	Parks			BORING LOG: WD-52B	
		-	oject No. 2				Sheet 1 of 1	
DATE:	09/03/2024		ELEVATIO				NOTES:	
EQUIPMENT:	Geoprobe 66	20DT	1		DATUM:			
OPERATOR:	Rick Wolf		DEPTH:	3.0	ft			
HAMMER TYP	E: Not Applica	ble	CLOSURE:	Mixture of E	Bentonite Chips and Cutting	gs		
DRILLING MET			LOGGED E	BY: Chelse				871096
SAMPLING ME	THOD:			P	ROJECT COORDINATE S	YSTE	■ NAD 1983 StatePlane North Carolina FIPS 3200 Feet	
Depth (feet)	NOTES	DEPOSITIONAL ENVIRONMENT	GRAPHIC	AMPLE NO.		MAT	ERIAL DESCRIPTION	WATER LEVEL
0		0.3	s_sl(s_sl(s	T	OPSOIL			
-		1.0		In	cinerator ash with glass	s, was	ste	
1-				SI	LT (ML), with clay, brown			
2-								
_								
3 –		3.0		\ P	ore Hole terminated at 3.0) foot		
-					ore noie terminated at 3.0	reet	·/	
4 —								
-								
5 —								
6-								
7 –								
-								
8-								
-								
9 —								
10 —								
-								
11 —								
-								
12 —								
-								
13 –								
14 —								
, ,								
15								
GROUNDWAT	ER	DATE	DEPTH (FT)		REMARKS			
ATD							&	
END OF DRILLING AFTER DRILLING								
AFTER DRILLING	•							

PROJECT:			Ci	ty of Du	urham I	Parks			BOR	NG LOG:	WD-53		
			S&M	E Projec	t No. 23	3050630				Sheet	1 of 1		
DATE:	09/03/2	024		ELE	EVATION	l:			NOTES:				
EQUIPMENT:	Geopro	be 6620DT		•			DATUM:						
OPERATOR:	Rick Wo	lf		DE	PTH:	5.0	ft						
HAMMER TYP	E: Not Ap	plicable		CLO	OSURE:	Mixture of E	Bentonite Chips and Cuttin	ngs .					
DRILLING MET		DPT		LO	GGED B	Y: Chelse			LATITUDE:		LONGITUD		.871427
SAMPLING ME	тнор:					P	ROJECT COORDINATE S	51511	EIVI - NAD 1983	StatePlane Non	in Carolina FIPS	3200 Feet	
Depth (feet)	NOTI	ES	DEPOSITIONAL ENVIRONMENT	GRAPHIC		MPLE NO.		MAT	ERIAL DESCRIP	TION			WATER LEVEL
0		5.0		alle alle al		S.	OPSOIL ANDY LEAN CLAY light bro						
15													
15	ER	DA	TE		DEPTH		REMARKS						
ATD			- <u>-</u>		(FT)							&	
END OF DRILLING													
AFTER DRILLING AFTER DRILLING										-			
											, , ,		

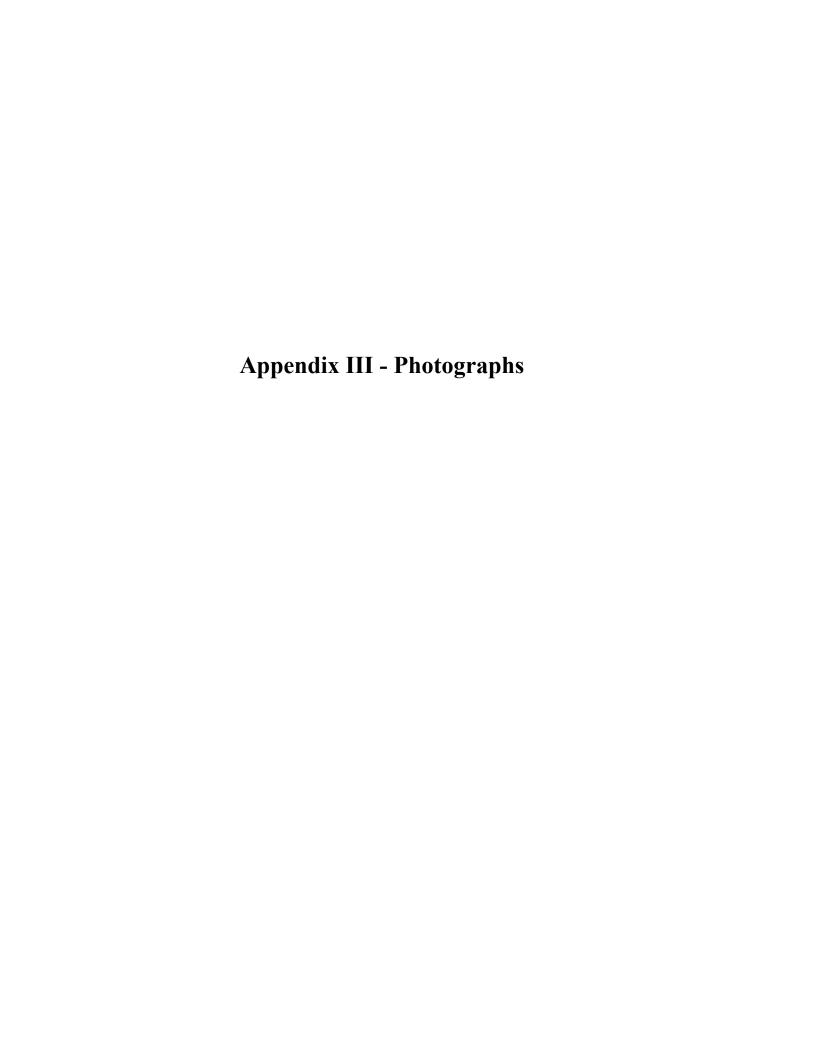
PROJECT:		City o	f Durham	Parks			BORING LOG: WD-53A	
			oject No. 2				Sheet 1 of 1	
DATE:	09/03/2024		ELEVATIO				NOTES:	
EQUIPMENT:	Geoprobe 66	20DT	1		DATUM:			
OPERATOR:	Rick Wolf		DEPTH:	3.0	ft			
HAMMER TYP	E: Not Applical	ble	CLOSURE:	Mixture of E	Bentonite Chips and Cutting	gs		
DRILLING MET			LOGGED E	BY: Chelse				871364
SAMPLING ME	THOD:			P	ROJECT COORDINATE S	YSTE	EM - NAD 1983 StatePlane North Carolina FIPS 3200 Feet	
Depth (feet)	NOTES	DEPOSITIONAL ENVIRONMENT	GRAPHIC	AMPLE NO.		MAT	ERIAL DESCRIPTION	WATER LEVEL
0		0.3	6 alta alta	TO	OPSOIL			
_		1.0		In	cinerator ash with glass,	, was	ste	
1-				SI	LT (ML), with clay, brown			
2-								
_								
3 –		3.0	ШШЩ		Hala tamainatad at 2.0	\ f t		
-				B	ore Hole terminated at 3.0	reet	·/	
4 —								
-								
5 —								
6								
6								
7 –								
_								
8-								
-								
9 —								
40								
10 —								
11 —								
_								
12 —								
-								
13 —								
14								
14 –								
15								
GROUNDWAT	ER	DATE	DEPTH (FT)		REMARKS			
ATD	\Box						&	
END OF DRILLING								
AFTER DRILLING	T							
								

PROJECT:		City o	f Durham	Parks			BORING LOG: WD	-54	
		S&ME Pro	oject No. 2	3050630			Sheet 1 of 2	2	
DATE:	09/03/2024		ELEVATION				NOTES:		
EQUIPMENT:	Geoprobe 662	.ODT			DATUM:				
OPERATOR:	Rick Wolf		DEPTH:	21.	0 ft				
	E: Not Applicab	le			Bentonite Chips and Cuttin	ıgs			
DRILLING MET			LOGGED B				LATITUDE: 35.986025 LONG	ITUDE: -7	8.870792
SAMPLING ME						SYSTI	M - NAD 1983 StatePlane North Carolin	na FIPS 3200 Feet	
Depth (feet)	NOTES	DEPOSITIONAL	_	AMPLE NO.		MAT	ERIAL DESCRIPTION		WATER LEVEL
0		0.5 2016	<u> </u>	Т	OPSOIL				
1-		3.0	32 34	S	ILT (ML), with clay, brown				
3 –		3.0		В	lack, Incinerator waste				
4 —									
5 —									
_									
6-									
_									
7 –									
-									
8 –									
0									
9 —									
10 —									
_									
11 —									
-									
12 —									
40									
13 –									
14 —									
_									
15									
GROUNDWAT	ER	DATE	DEPTH (FT)		REMARKS				
ATD								&	
END OF DRILLING AFTER DRILLING	Ğ ▼								
AFTER DRILLING	•								

PROJECT:		City o	f Durham	Parks			BORING LOG: WD-54	
			oject No. 2				Sheet 2 of 2	
DATE:	09/03/2024		ELEVATIO			ſ	NOTES:	
EQUIPMENT:	Geoprobe 6620	DT	1		DATUM:			
OPERATOR:	Rick Wolf		DEPTH:	21.0	O ft			
HAMMER TYP	E: Not Applicable		CLOSURE:	Mixture of E	Bentonite Chips and Cutting	gs _		
DRILLING MET			LOGGED B	BY: Chelse				870792
SAMPLING ME	THOD:			PI	ROJECT COORDINATE S	YSTE	M - NAD 1983 StatePlane North Carolina FIPS 3200 Feet	
Depth (feet)	NOTES	DEPOSITIONAL ENVIRONMENT	GRAPHIC	AMPLE NO.		MATE	ERIAL DESCRIPTION	WATER LEVEL
				ВІ	ack, Incinerator waste			
16 -		20.0			WR SILT (ML), brown purplore Hole terminated at 21.			
26 —								
27 –								
28 —								
-								
29 —								
-								
GROUNDWAT	ED	DATE	DEPTH		DEMARKS			
GROUNDWAT ATD	ER	DATE	(FT)		REMARKS		2	
END OF DRILLING							&	
AFTER DRILLING	Y							
AFTER DRILLING	▼							

PROJECT	Γ:		City	of Durham	Parks		BORIN	G LOG: WD-54A	
			S&ME	Project No. 2	23050630			Sheet 1 of 1	
DATE:	09,	/03/2024		ELEVATIO	N:		NOTES:		
QUIPMEI	NT: Ge	oprobe 662	T			DATUM:			
OPERATOR	R: Ric	ck Wolf		DEPTH:		·			
HAMMER	TYPE: N	lot Applicab	ile	CLOSURE	: Mixture o	f Bentonite Chips and Cutting			
ORILLING				LOGGED I		sea Parra		5.986025 LONGITUDE :	-78.870792
SAMPLING	METHO	טנ:				PROJECT COORDINATE S	YSTEMI - NAD 1983 Sta	tePlane North Carolina FIPS 3200	Feet
Depth (feet)		NOTES	DEPOSITIONAL ENVIRONMENT	GRAPHIC	SAMPLE NO.		MATERIAL DESCRIPTIO	N	WATER LEVEL
0			0.3	<u>alk alk alk</u>		Topsoil			
1-			0.5			Incinerator waste with glass PWR SILT stiff, red pink and		dry	
2-									
3 –									
4 –			4.0						
5 —									
6-									
7 –									
8 —									
9 —									
10 —									
11 –									
12 -									
13 —									
14 –									
15	WATER		DATE	DEPTH		REMARKS			
ATD	!\	\Box		(FT)				8	
ND OF DRI	ILLING	A							
AFTER DRILL		T			1				
AFTER DRILI	LING								

PROJECT	Γ:		City	of Durhan	n Parks			BORING LOG: WE)-55	
				Project No.				Sheet 1 of	1	
DATE:	09,	/03/2024		ELEVATIO			NOTE	S:		
QUIPMEI	NT: Ge	oprobe 662	ODT			DATUM:				
OPERATOI	R: Ric	ck Wolf		DEPTH:						
HAMMER	TYPE: N	lot Applicab	le	CLOSURI	: Mixture of	f Bentonite Chips and Cuttin	gs			
ORILLING				LOGGED	BY: Chels		LATITU			70869
SAMPLING	3 METH	יטנ:				PROJECT COORDINATE S	YSTEIVI - N	AD 1983 StatePlane North Carol	lina FIPS 3200 Feet	
Depth (feet)		NOTES	DEPOSITIONAL ENVIRONMENT	GRAPHIC	SAMPLE NO.		MATERIAL D	DESCRIPTION		WATER LEVEL
0				<u>alka alka a</u> lka alka alka aka a		TOPSOIL				
1- 2- 3-			0.5	Me alle ste al		SILT (ML), brown				
4 – 4 – 5 –			5.0							
6-										
7 –										
8 —										
9 —										
10 —										
11 -										
12 —										
13 —										
14 —										
15 GROUND	W/ATER		DATE	DEPTH		REMARKS				
ATD	-VAI LIN	\Box	- DAIL	(FT)		ILLIVIANA			&	
ND OF DRI		A								
AFTER DRIL		Y								
TEN DINIE	2.110									





			10/22/2024
			Photographer. Connor Hicks
1	Location / Orientation	TP-1	
1	Remarks	View of the test pit with brick pieces visible.	
			10/22/2024
			Photographer: Connor Hicks
2	Location / Orientation	TP-1	



			10/22/2024		
			Photographer: Connor Hicks		
3	Location / Orientation	TP-2			
3	Remarks	View of TP-2.			
			10/22/2024		
			Photographer: Connor Hicks		
4	Location / Orientation	TP-2			
4	Remarks	View of TP-2 after backfilling and sod.			

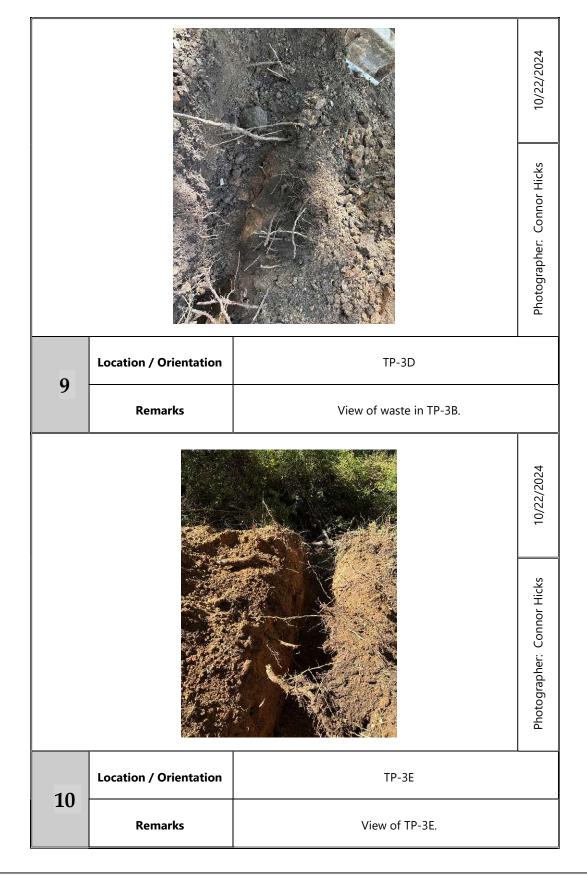


			10/22/2024		
			Photographer: Connor Hicks		
5	Location / Orientation	TP-3			
	Remarks	View of TP-3.			
			10/22/2024		
			Photographer: Connor Hicks		
	Location / Orientation	TP-3			
6	Remarks	View of TP-3 after backfilling and sod.			



			10/22/2024			
			Photographer: Connor Hicks			
7	Location / Orientation	TP-3B				
	Remarks	View of waste in TP-3B.				
			10/22/2024			
			Photographer: Connor Hicks			
o	Location / Orientation	TP-3C				
8	Remarks	View of TP-3C, with no waste.				

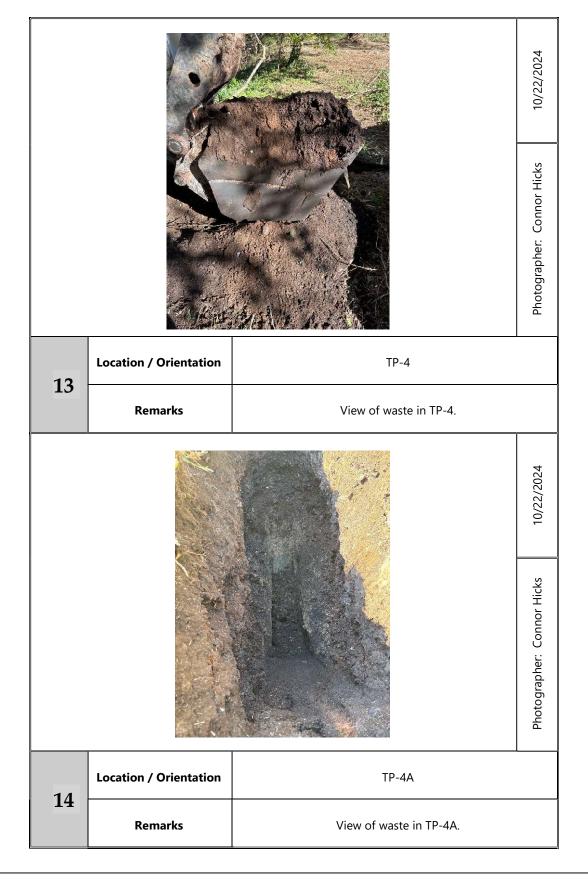




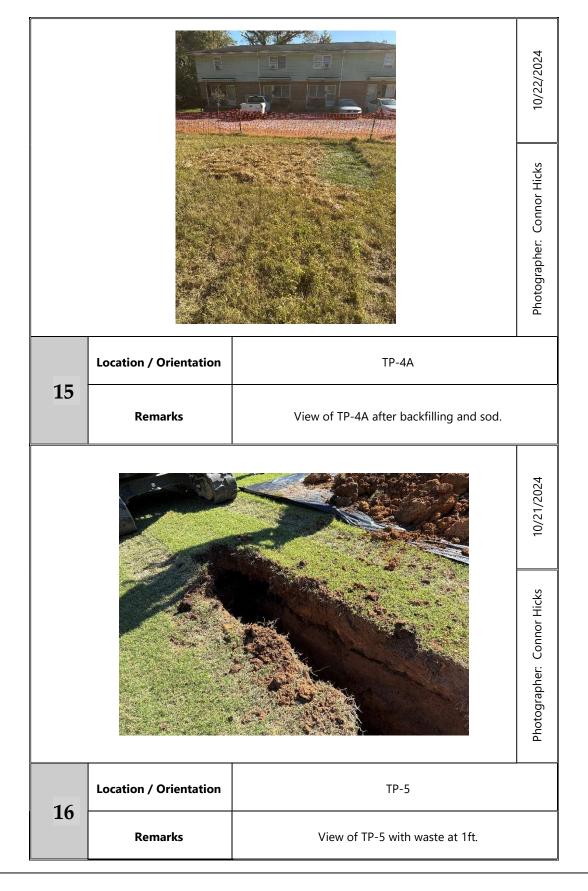


			10/22/2024		
			Photographer: Connor Hicks		
11	Location / Orientation	TP-3F.			
	Remarks	View of TP-3F.			
			10/22/2024		
			Photographer: Connor Hicks		
12	Location / Orientation	TP-3G			
12	Remarks	View of incinerator waste in TP-3G.			





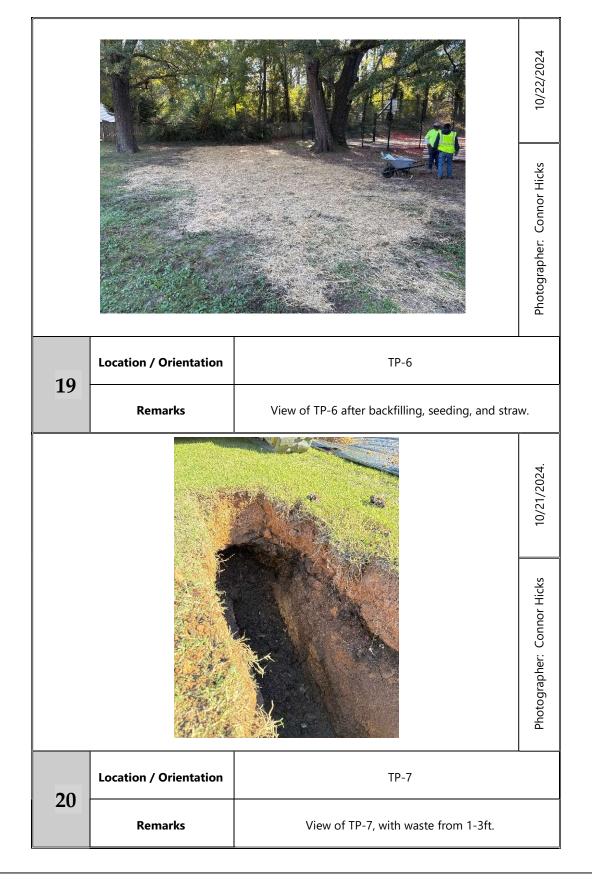




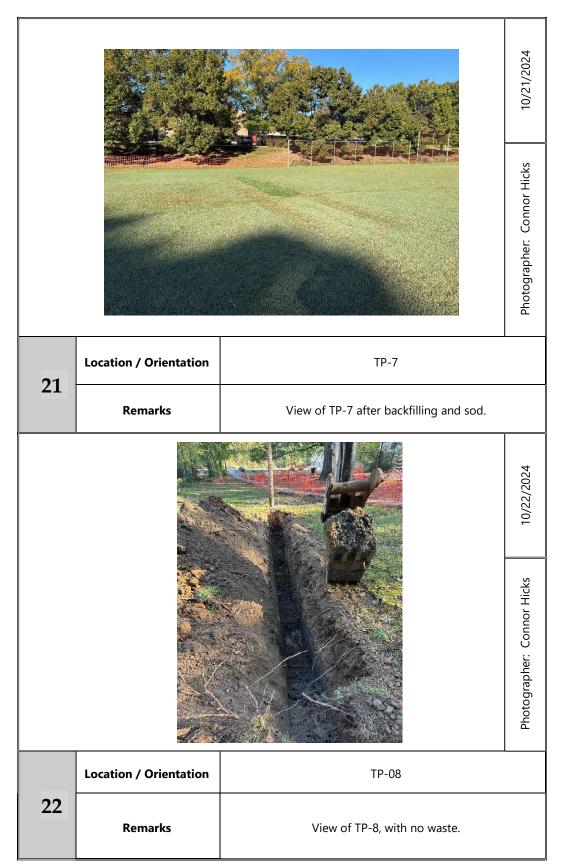


			10/21/2024
			Photographer. Connor Hicks
17	Location / Orientation	TP-5	
17	Remarks	View of TP-5 after backfilling and sod.	
			10/22/2024
			Photographer: Connor Hicks
10	Location / Orientation	TP-6	
18	Remarks	View of TP-6, with no waste.	











			Hicks 10/22/2024
			Photographer: Connor Hicks
23	Location / Orientation	TP-8	
	Remarks	View of TP-8 after backfilling and straw.	
			10/22/2024
			Photographer: Connor Hicks
0.4	Location / Orientation	TP-8A	
24	Remarks	View of TP-8A, with no waste.	

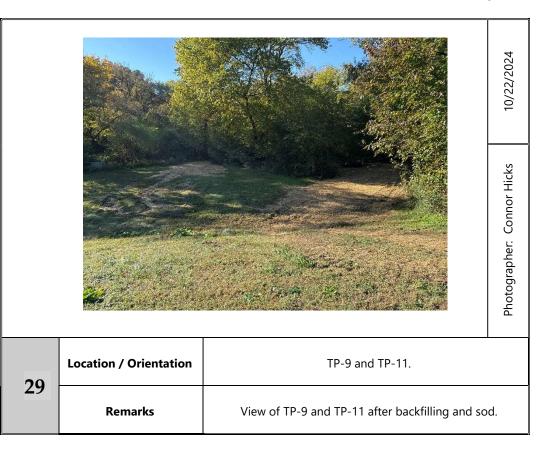


			10/22/2024	
			Photographer: Connor Hicks	
25	Location / Orientation	TP-9		
	Remarks	View of TP-9, with waste from 1-3.5 ft.		
			10/22/2024	
			Photographer: Connor Hicks	
	Location / Orientation	TP-10		
26	Remarks	View of TP-10, with no waste.		



	10/22/2024			
	Photographer: Connor Hicks		Photographer: Connor Hicks	
27	Location / Orientation TP-10 Remarks View of TP-10 after backfilling and straw.			
27				
			10/22/2024	
			Photographer: Connor Hicks	
20	Location / Orientation	TP-11		
28	Remarks	View of TP-11, with waste from 1-2 ft.		









EMSL-KE-02

EMSL Order ID: 022450257 LIMS Reference ID: KC50257

EMSL Customer ID: SMEI60

Attention: Jerry Paul Project Name: East Durham Park (City of Durham Parks PRLF)

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

Customer PO:

 EMSL Sales Rep:
 Jason McDonald

 Received:
 09/10/2024 09:00

 Reported:
 09/11/2024 07:36

Analytical Results

Q mpled: 09/0 ID: KC502	
•	
ID: KC502	257-01
	1
npled: 09/	/04/24
ID: KC502	257-02
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npled: 09/	/05/24
ID: KC502	257-03
	1
mpled: 09/	/06/24
ID: KC502	257-04
	1
	mpled: 09/

EMSL Analytical, Inc.

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

EMSL Order ID: 022450257 LIMS Reference ID: KC50257

EMSL Customer ID: SMEI60

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S&ME, Inc. [SMEI60] 3201 Spring Forest Road Raleigh, NC 27616 (919) 872-2660

jpaul@smeinc.com

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 09/11/2024 07:36

Certified Analyses included in this Report

Analyte Certifications

NIOSH 7082 in Cassettes

Lead 02-AIHA EMLAP

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
02-AIHA IHLAP	American Industrial Hygiene Association (AIHA-LAP) - IHLAP	102564	06/01/2026

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

Notes and Definitions

<u> Item</u>	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.



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EMSL-KE-02

Attention: Jerry Paul

S&ME, Inc. [SMEI60] 3201 Spring Forest Road Raleigh, NC 27616 (919) 872-2660 jpaul@smeinc.com Project Name: East Durham Park (City of Durham Parks PRLF)

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James Cole

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 μ g/filter and is not responsible for any result or reporting limit provided in μ g/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.

Lead Chain of Custody

EMSL Order Number / Lab Use Only

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

ESTING LABS - PRO	TICAL, I	VC.		ILL	$\mathcal{A} \cup \mathcal{A}$	02	_		PHONE: (80	•
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EMSL LIMS Projec If applicable, EMSL wi	ct ID:					State where pies collected		itate of Connecticut (CT) musi Commercial (Taxable		ation: ential (Non-Taxable)
provide)				<u> </u>		1	100	Commercial (Taxable	No. of Samp	
Sampled By Name	"Cre	sea !	Parra Sampled By	Signature:	$(\Lambda$)			in Shipmer	
				Tur	n-Around-Til	ne (TAT)				
3 Hour	Г ₆	Hour	24 Hour 32 I	tour [48 Hour		72 Hour	96 Hour	1 Week	2 Week
			call ahead for large projects and/or turnard	L und times 6 Hours	or Less. *32 Hour	TAT available for	■ select tests only; sampl	les must be submitted by 11:30am.		<u> </u>
	MATRIX	11685	METHOD			INSTRUMEN		REPORTING LIMIT	SE	LECTION
CHIPS 5% by w		g/kg) Tmale			Elem	e Atomic Abs	contion	0.008% (80ppm)		
JHIPS LLI""	- L	<u></u>	SW 846-7000B		Fiam	C ALUMIN AUS	σιμασιι	o.ooo a (doppin)		<u></u>
Reporting Limit		minimum	SW 846-6010D	•	1	ICP-OES		0.0004% (4ppm)		
0.25g sample we	eigni		NIOCH 7000		Clam	e Atomic Abs	sorption	4µg/filter		<u></u>
			NIOSH 7082		riam	- Aumic Aps	io pauli	ablante		~
Air			NIOSH 7300M / NIOSH	7303M	 	ICP-OES		0.5µg/filter		
			NIOSH 7300M / NIOSH			ICP-MS		0,05µg/filter		
MIDE AS	-ти Г	NON-ASTM			Flam	e Atomic Abs	contion	10µg/wipe		
	_	_	SW 846-7000B		Flani	e Albinic Abs	sorption			
If no box is che ssumed	cked, non-A	STM Wipe is	SW 846-6010D*	•		ICP-OES	*	1.0µg/wipe		
dauned			SW 846-1311 / 7000B / S	M 3111B	Flam	e Atomic Abs	sorption	0.4 mg/L (ppm)		
TCLP			SW 846-1311 / SW 846			ICP-OES		0.1 mg/L (ppm)		
			SW 846-1312 / 7000B / 5	M 3111B	Flam	e Atomic Abs	sorption	0.4 mg/L (ppm)		
SPLP			SW 846-1312 / SW 846	-6010D*		ICP-OES		0.1 mg/L (ppm)		
TT C			22 CCR App. II, 7000E	3/7420	Flam	e Atomic Abs	sorption	40mg/kg (ppm)		
TTLC			22 CCR App. II, SW 846			ICP-OES		2mg/kg (ppm)		
STLC			22 CCR App. II, 70008	3/7420	Flam	e Atomic Abs	sorption	0.4 mg/L (ppm)		
			22 CCR App. II, SW 846	-6010D*		ICP-OES		0.1 mg/L (ppm)		
Soil			SW 846-7000B		Flam	e Atomic Abs	ionption	40mg/kg (ppm)		-
			SW 846-6010D*		Flom	ICP-OES e Atomic Abs	corntion	2mg/kg (ppm) 0,4 mg/L (ppm)	+	
Vastewater Inpreserved		П	SM 3111B / SW 846-	70008	Flairi		sor ption			
Preserved with H	INO3	☐ PH<2	EPA 200.7			ICP-OES		0.020 mg/L (ppm)		
Orinking Water			EPA 200.5			ICP-OES		0,003 mg/L (ppm)		
Inpreserved			EPA 200.8			ICP-MS		0.001 mg/L (ppm)		<u> </u>
reserved with I	INO3	PH<2								 - -
SP/SPM Filter			40 CFR Part 50			ICP-OES		12 μg/filter		
Other:										
L			L							
Sample Number		Sample Location		• • • • • • • • • • • • • • • • • • • •	Vo		ıme / Area	Date / Time Sampled		
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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. acceptance and acknowledgment of all terms and conditions by Customer.

Page

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