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July 24, 2024

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

Attention: Mr. Kevin Kelt email: Kevin.Kelt@ncdenr.gov Hydrogeologist

Reference: Remedial Investigation – Topographic and Boundary Survey Task Order 824DP-6 Walltown Park 1700 Guess Rd, Durham, NC 27701 NCDEQ ID No. NONCD0000824

Dear Mr. Kelt:

S&ME, Inc. (S&ME) is submitting this report to the North Carolina Department of Environmental Quality (NCDEQ), Pre-Regulatory Landfill Unit (Unit) summarizing surveying activities conducted at the above-referenced site in Durham, North Carolina. S&ME completed this task order in general conformance with our approved proposal No. 23050630X, dated April 15, 2024, for Task Order 824DP-6 under state contract N42621-B, dated January 4, 2022.

S&ME subcontracted a North Carolina registered land surveyor (Bateman Civil Surveying) to conduct a topographic and boundary survey of the Walltown Park noted above as shown on the attached drawing. S&ME staff accompanied the surveyors during the fieldwork, which was performed between April 29, 2024, and July 11, 2024.

The topographic and boundary survey will be used to prepare the Draft Remedial Action Plans (RAP) for the site that will be prepared by S&ME.

Please feel free to contact Gerald Paul at 919-872-2660 if you have questions.

Sincerely,

S&ME, Inc.

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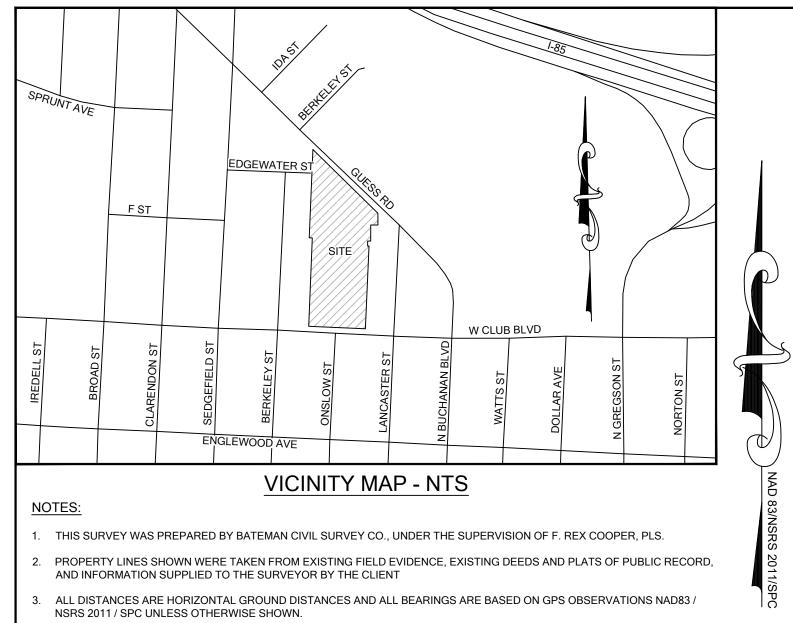
Gerald Paul Senior Project Manager

Attachments: Topographic and Boundary Survey

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Tom Raymond, PE, RSM Program Manager

Attachments

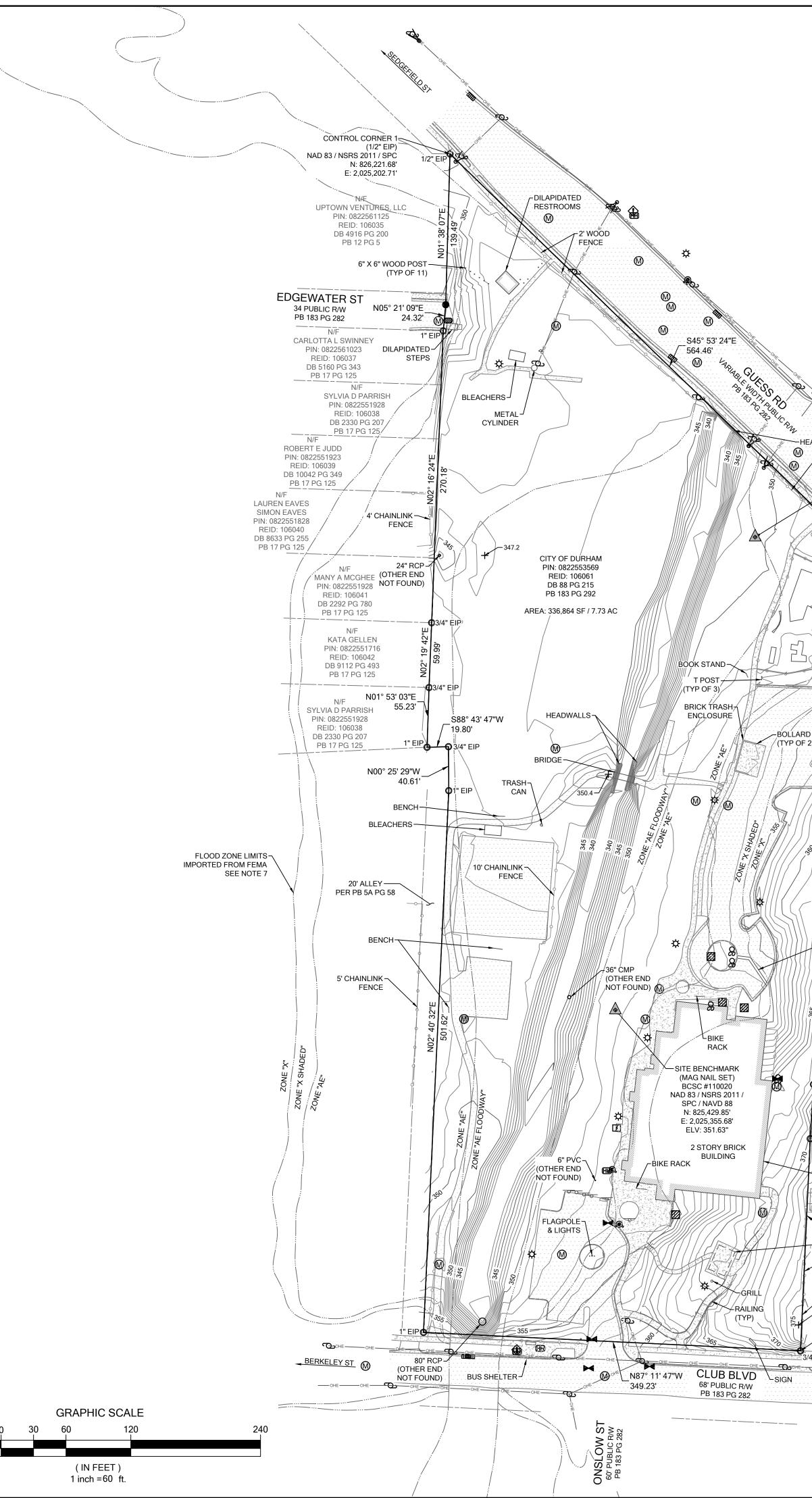


- 4. THIS MAP IS NOT FOR RECORDATION AND SHOULD BE REVIEWED BY A LOCAL GOVERNMENT AGENCY FOR COMPLIANCE WITH ANY APPLICABLE LAND DEVELOPMENT REGULATIONS
- 5. THE BASIS OF ALL EASEMENTS, RIGHTS-OF-WAY, BUFFERS, SETBACKS AND ADJOINERS, ETC. REFERENCED IN TITLE BLOCK
- 6. NO INVESTIGATION INTO THE EXISTENCE OF JURISDICTIONAL WETLANDS OR RIPARIAN BUFFERS PERFORMED BY THIS
- FIRM.
- 7. THE PROPERTIES LIE IN ZONES "X", "X SHADED", "AE", & "AE FLOODWAY" PER NATIONAL FLOOD INSURANCE PROGRAM FLOOD INSURANCE RATE MAP COMMUNITY NUMBER 3720082200K DATED OCTOBER 19, 2018. FLOOD LINES SHOWN WERE IMPORTED FROM FEMA SHAPE FILES AND ARE APPROXIMATE AT BEST
- 8. ZONING IS 'RU-5(2)' FOR THE CITY OF DURHAM PER DURHAM COUNTY GIS.
- 9. AREAS COMPUTED BY COORDINATE METHOD.
- 10. THE PROPERTIES SHOWN HEREON ARE SUBJECT TO ALL EASEMENTS AND RESTRICTIONS OF RECORD.

CLASS OF SURVEY:<u>A</u> POSITIONAL ACCURACY:<u>0.07</u>

- TYPE OF GPS FIELD PROCEDURE: NC REAL TIME NETWORK
- DATES OF SURVEY: MAY 2024
- DATUM/EPOCH: NAD83/NSRS2011/SPC
- COMBINED GRID FACTOR (CONTROL CORNER 1): 0.999950539 UNITS: <u>US SURVEY FEET</u>

	LEGEND
	SURVEYED BOUNDARY LINE
	ADJOINING BOUNDARY LINE (NOT SURVEYED)
	——————————————————————————————————————
	— — — EASEMENT LINE
	TREELINE
	O EXISTING BOUNDARY CORNER FOUND
	BOUNDARY CORNER SET (3/4" IPS UNLESS OTHERWISE NOTED)
	© COMPUTED POINT
	CONCRETE MONUMENT FOUND
	CLEAN OUT TRANSFORMER / ELECTRIC BOX
	☆ LIGHT POLE
	_
	© CABLE PEDESTAL
	DROP INLET
	AIR CONDITIONING UNIT
	W WELL
	- SIGN
	SUY WIRE
THIS MAP IS CONSIDERED PRELIMINARY, NOT FOR RECORDATION,	BURIED UTILITY MARKER
	EIP EXISTING IRON PIPE
CONVEYANCE OR SALES UNLESS SIGNED AND SEALED BY THE	EIR EXISTING IRON REBAR
LICENSED SURVEYOR.	IPS IRON PIPE SET
	PKS PK NAIL SET
	EPK EXISTING PK NAIL
	SSMH SANITARY SEWER MANHOLE
	N NORTH
F. REX COOPER, CERTIFY THAT THIS MAP WAS DRAWN UNDER MY SUPERVISION	E EAST
ROM AN ACTUAL SURVEY MADE UNDER MY SUPERVISION AS RECORDED IN	S SOUTH
REFERENCES SHOWN HEREON; THAT THE BOUNDARIES NOT SURVEYED ARE NDICATED AS DRAWN FROM INFORMATION FOUND AS SHOWN HEREON: THAT THE	W WEST
POSITIONAL ACCURACY IS < 0.10' AT 95% CONFIDENCE LEVEL; AND THAT THIS MAP	
IEETS THE REQUIREMENTS OF THE STANDARDS OF PRACTICE FOR LAND	
URVEYING IN NORTH CAROLINA (21 NCAC 56.1600). WITNESS MY ORIGINAL	SE SOUTHEAST
IGNATURE, REGISTRATION NUMBER, AND SEAL THIS DAY	SW SOUTHWEST
)F, 2024.	NW NORTHWEST
	DB DEED BOOK
F. REX COOPER, CERTIFY THAT THIS PROJECT WAS COMPLETED UNDER MY	PG PAGE
DIRECT AND RESPONSIBLE CHARGE FROM AN ACTUAL SURVEY MADE UNDER MY SUPERVISION: THAT THIS TOPOGRAPHIC SURVEY WAS PERFORMED AT THE 95	PB PLAT BOOK
ERCENT CONFIDENCE LEVEL TO MEET FEDERAL GEOGRAPHIC DATA COMMITTEE	PC PLAT CABINET
TANDARDS; THAT THIS SURVEY WAS PERFORMED TO MEET THE REQUIREMENTS	SL SLIDE
OR A TOPOGRAPHIC /PLANIMETRIC SURVEY TO THE ACCURACY OF CLASS A AND	R/W RIGHT OF WAY
/ERTICAL ACCURACY WHEN APPLICABLE TO THE CLASS C STANDARD, AND THAT	POB POINT OF BEGINNING
HE ORIGINAL DATA WAS OBTAINED ON 05/13/2024; THAT THE SURVEY WAS	(T) TOTAL
COMPLETED ON 05/24/2024; THAT CONTOURS SHOWN AS BROKEN LINES MAY NOT	N/F NOW OR FORMERLY
IEET THE STATED STANDARD; AND ALL COORDINATES ARE BASED ON 'NAD 83'	RCP REINFORCED CONCRETE PIPE
ND REALIZATION NSRS 2011 AND ALL ELEVATIONS ARE BASED ON NAVD 88.	CMP CORRUGATED METAL PIPE
	TYP TYPICAL
	ASPHALT
	GRAVEL
F. REX COOPER, PLS NC LICENSE NO. L-4269	



ELOVIALL PENCE PLACEMENT (179) (179) (179	BATEMAN CIVIL SURVEY COMPANY ENGINEERS • SURVEYORS • PLANNERS 2524 RELIANCE AVENUE, APEX, NC 27539 PHONE: (919) 577-1080 FAX: (919) 577-1081 INFO@BATEMANCIVILSURVEY.COM NCBELS FIRM# C-2378
N89° 14' 36"W 45.00' VF CEMETERY-UNKNOWN OWNER PIN: 0822555780 REID: 106046 20.14' S00° 45' 24"W 30' ALLEY PB 183 PG 292	
S89" 14' 30"E NF 10.01" DW MCCLENDON PIN: 082255623 RED: 106073 DB 7000 PG 222 PB 182 PG 156 NF EENNET GOODWIN NF RED: 106072 DB 3254 PG 235 PB 182 PG 156 NF RED: 106072 DB 3254 PG 235 PB 182 PG 156 METAL RIVERBANK DEFLORMENT, LLC COVER PIN: 082255647 COVER PIN: 082255647 RED: 106071 DB 9947 PG 864 PG 182 PG 156 CRANT BLEECHER COVER PB 182 PG 156 S02* 33' 40"W PEN: 0822556312 PB 182 PG 156 PB 182 PG 156 S03* 25' 29' 41"W PIN: 0822556317 49.30' RED: 106069 DB 9035 PG 846 PI 182 PG 156 S03* 26' 21'W PI 182 PG 156 S04' EIR PI 182 PG 156 S04' EIR PI 182 PG 156 S05' 28' PI 10000	BOUNDARY & TOPOGRAPHIC SURVEY EXCLUSIVELY FOR S&ME EXCLUSIVELY FOR S&ME PROPERTY OF THE CITY OF DURHAM AS RECORDED IN DB 88 PG 215, & PB 183 PG 292 PIN: 0822553569, REID: 106061 1308 W CLUB BLVD, DURHAM, NC DURHAM TOWNSHIP - DURHAM COUNTY - NORTH CAROLINA
PB 182 PG 156 S02° 37' 28"W 196.41' PER PB 185 PG 156 SHELTER 6' WOOD FENCE PIN: 0822555157	REVISIONS 1. 2. 3. 4. 5. DESIGNED BY: N/A DRAWN BY: ELS CHECKED BY: FRC SCALE: 1" = 60' DATE: 06/05/2024 JOB NUMBER: 240272