

Durham Parks Update

Pre-Regulatory Landfill Program



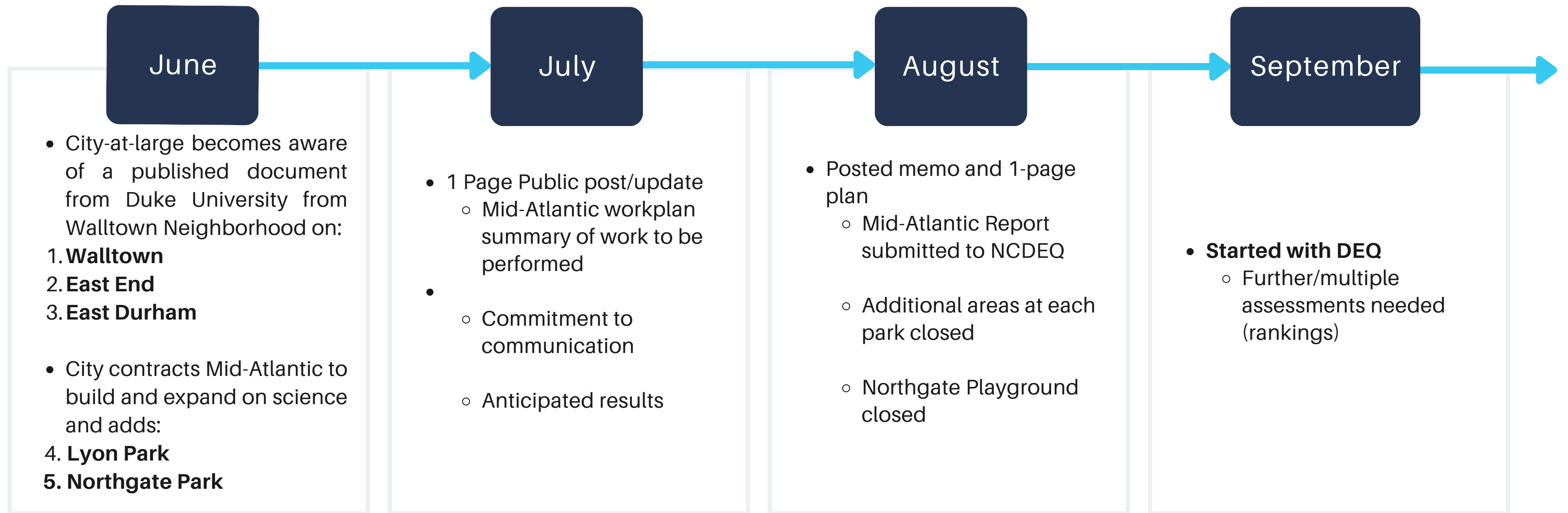
Presentation Outcomes

- 1. Status of parks**
- 2. How we got here**
- 3. Moving parts/unknowns to date**
- 4. Potential short-term and long term considerations**
- 5. Next steps**

Method

- 1. Timeline format**
- 2. Included public communication & engagement**
- 3. Providing park images & supporting documents**

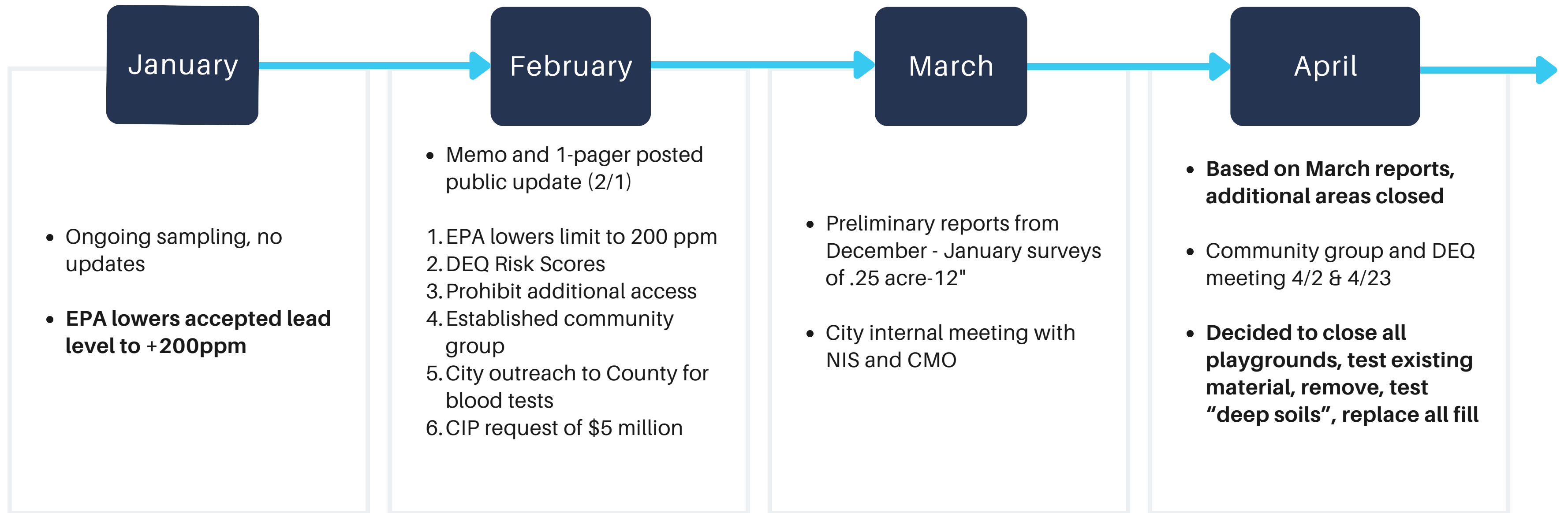
2023



2023



2024



2024

May

- 5/2 & 5/14 Community group meetings
 - 5/22 Virtual City-wide meeting
- **DEQ surveyed additional property at East End and East Durham Parks**
- DEQ begins Geophysical Survey
 - Surface & down 22'
 - Estimates boundaries
 - trench and boring locations

June

- 6/10 Community group meeting
- Testing existing playground materials began
- **DEQ provides preliminary costs ~\$10M+**



July

- 7/3 & 7/11 update emails to Community group
- 7/15 Community group meeting
- Testing existing playground materials continues



August

- **Closed additional areas, 1 page summary - public post, Updated community group**
- August - October: in-person engagements
- **Playground existing materials tested below any hazardous levels**
- DEQ begins removing existing Playground materials and tests "deep soils" beyond 12"
- Notified DPS

2024

September

- Waste Delineation Activities starts at East Durham Park
- Playground "Deep Soils" testing continues
 - Playground materials replaced and filled
- Internal meeting for risk assessment for staff of maintenance of parks

October

- East Durham Park Waste Delineation Activities completed
- Playground materials removal complete, deep soil testing completed; & new materials added (no reports to date)
- Northgate community meeting
- Community meeting with DEQ

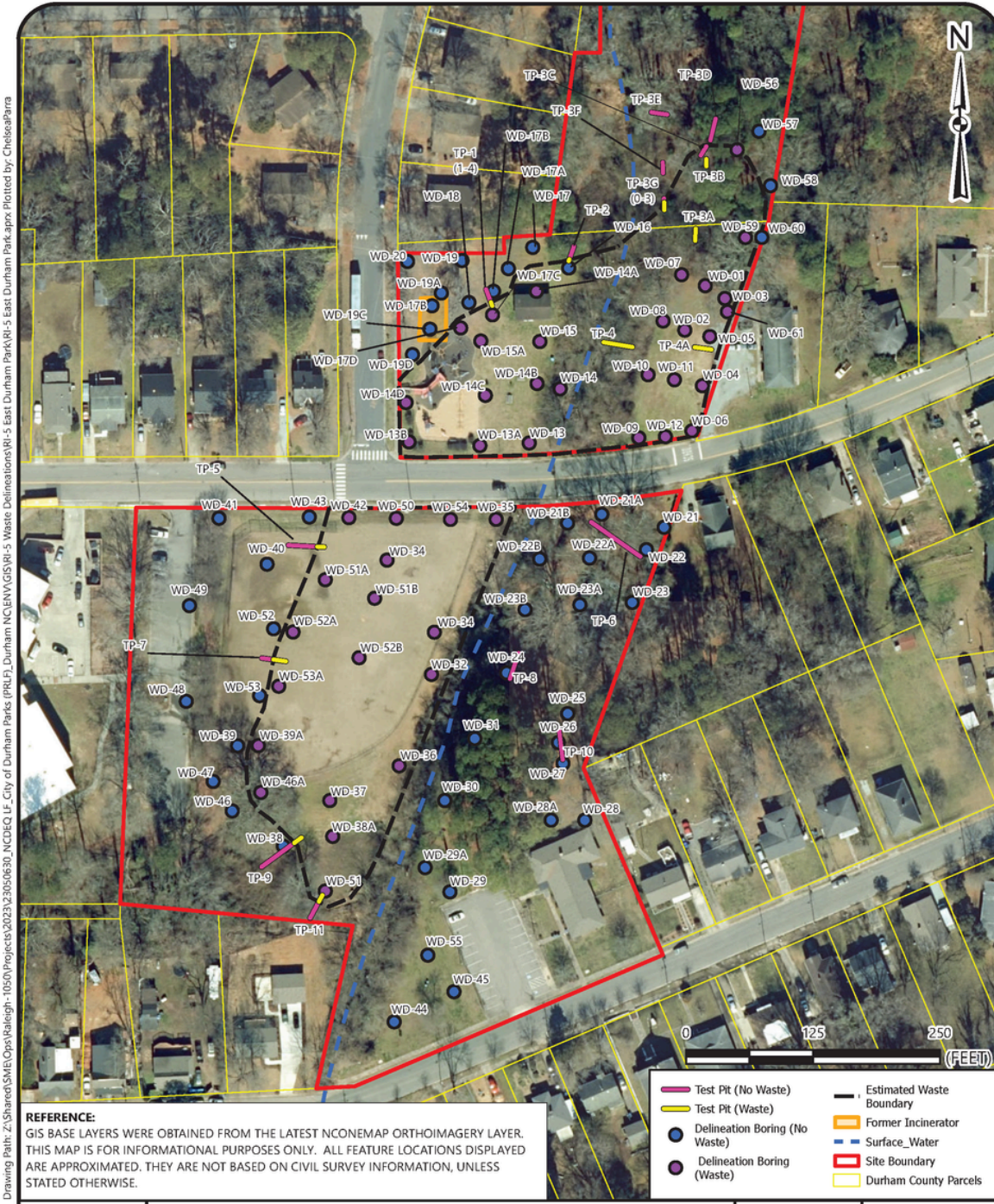
November

- Received Waste Delineation Activities figures for East Durham Park
 - WDA (drilling) takes place at remaining 4 parks.
- DEQ sent letters to adjacent properties
- Update emails to community group on 11/1 & 11/15

December

- **Waste Delineation Activities report received for East Durham Park (trenches)**
- Waste Delineation Activities figures only without trench and test pits for other 4 parks
 - **Scheduled for January**
- **\$7 million DPR CIP request for FY25/26**

East Durham Park

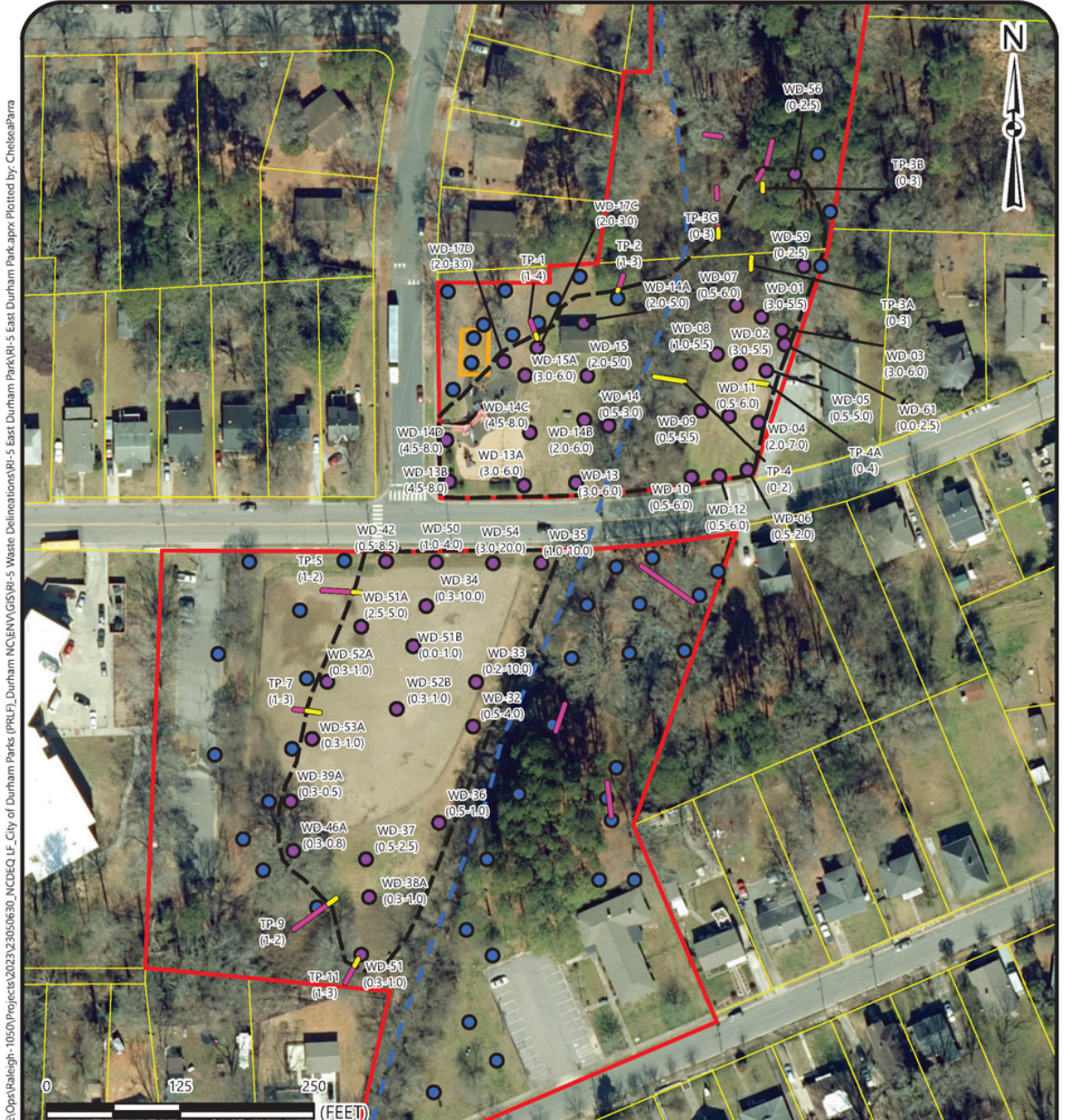


SITE MAP - BORINGS AND TEST PITS

EAST DURHAM PARK
 NCDEQ ID NO. NONCD0000821, TASK ORDER 821RI-5
 2601 E. MAIN STREET & 300 GARY STREET
 DURHAM, NORTH CAROLINA

SCALE: 1 in = 125 ft
 DATE: 11/14/2024
 PROJECT NUMBER: 23050630

FIGURE NO. 1

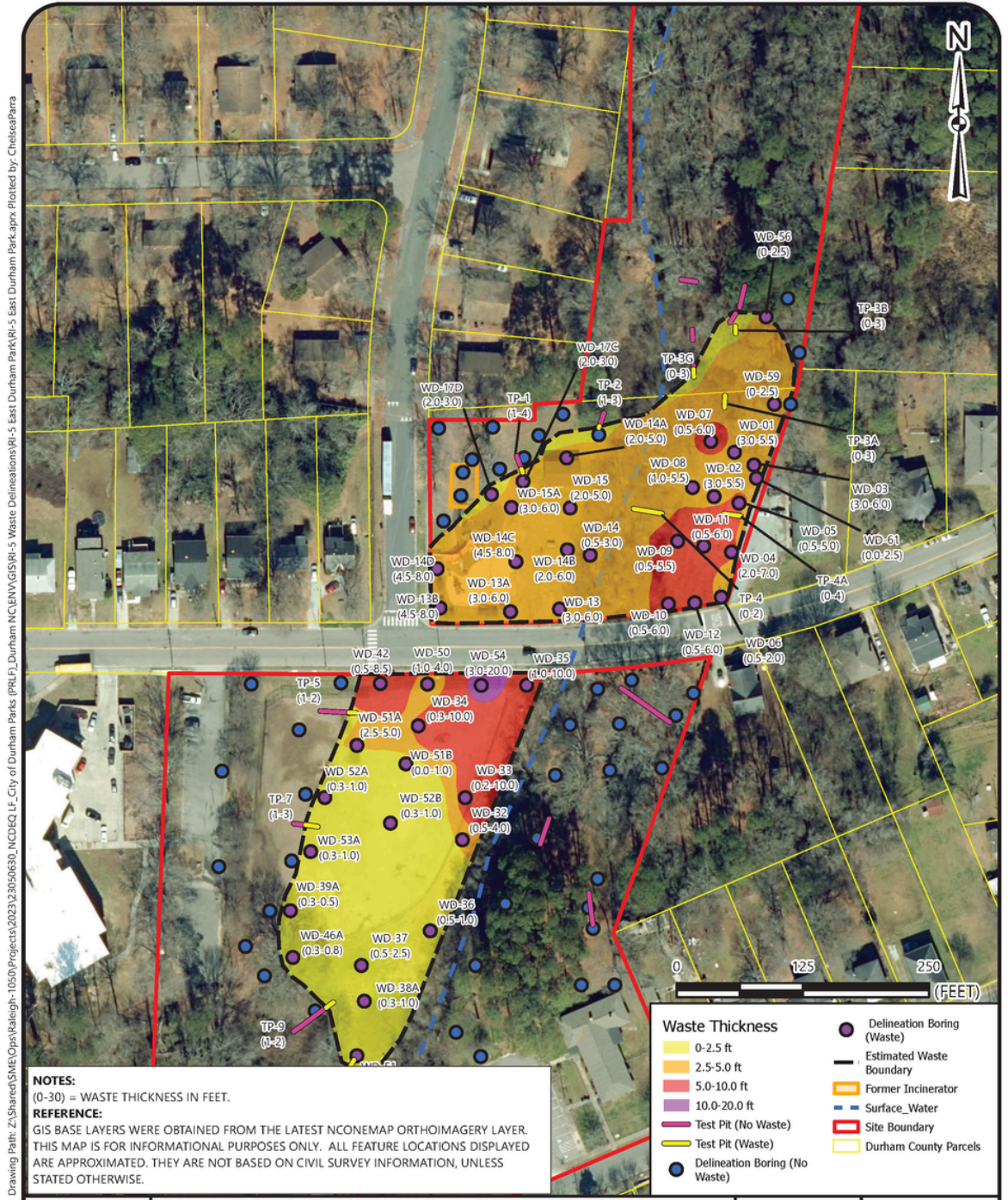


WASTE DELINEATION MAP

EAST DURHAM PARK
 NCDEQ ID NO. NONCD0000821, TASK ORDER 821RI-5
 2601 E. MAIN STREET & 300 GARY STREET
 DURHAM, NORTH CAROLINA

SCALE: 1 in = 125 ft
 DATE: 11/14/2024
 PROJECT NUMBER: 23050630

FIGURE NO. 2



WASTE THICKNESS MAP

EAST DURHAM PARK
 NCDEQ ID NO. NONCD0000821, TASK ORDER 821RI-5
 2601 E. MAIN STREET & 300 GARY STREET
 DURHAM, NORTH CAROLINA

SCALE: 1 in = 125 ft
 DATE: 11/14/2024
 PROJECT NUMBER: 23050630

FIGURE NO. 3

Drawing Path: Z:\Shared\SMR\Ops\ Raleigh - 1050\Projects\2023\23050630_NCDEQ LE City of Durham Parks (PRLP)_Durham NCEM\GIS\RI-5 Waste Delineations\RI-5 East Durham Park\RI-5 East Durham Park.aprx Plotted by: ChelseaParra

Drawing Path: Z:\Shared\SMR\Ops\ Raleigh - 1050\Projects\2023\23050630_NCDEQ LE City of Durham Parks (PRLP)_Durham NCEM\GIS\RI-5 Waste Delineations\RI-5 East Durham Park\RI-5 East Durham Park.aprx Plotted by: ChelseaParra

Drawing Path: Z:\Shared\SMR\Ops\ Raleigh - 1050\Projects\2023\23050630_NCDEQ LE City of Durham Parks (PRLP)_Durham NCEM\GIS\RI-5 Waste Delineations\RI-5 East Durham Park\RI-5 East Durham Park.aprx Plotted by: ChelseaParra

Northgate Park

Waste Delineation Boundary



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

NOTES: SOIL BORINGS WERE ADVANCED ON NOVEMBER 4, 5, 6, and 7, 2024.
REFERENCE: GIS BASE LAYERS WERE OBTAINED FROM THE LATEST NCONEMAP ORTHOIMAGERY LAYER. THIS MAP IS FOR INFORMATIONAL PURPOSES ONLY. ALL FEATURE LOCATIONS DISPLAYED ARE APPROXIMATED. THEY ARE NOT BASED ON CIVIL SURVEY INFORMATION, UNLESS STATED OTHERWISE.



WASTE DELINEATION BOUNDARY

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

SCALE:
1 in = 200 ft

DATE:
11/26/2024

PROJECT NUMBER
23050630

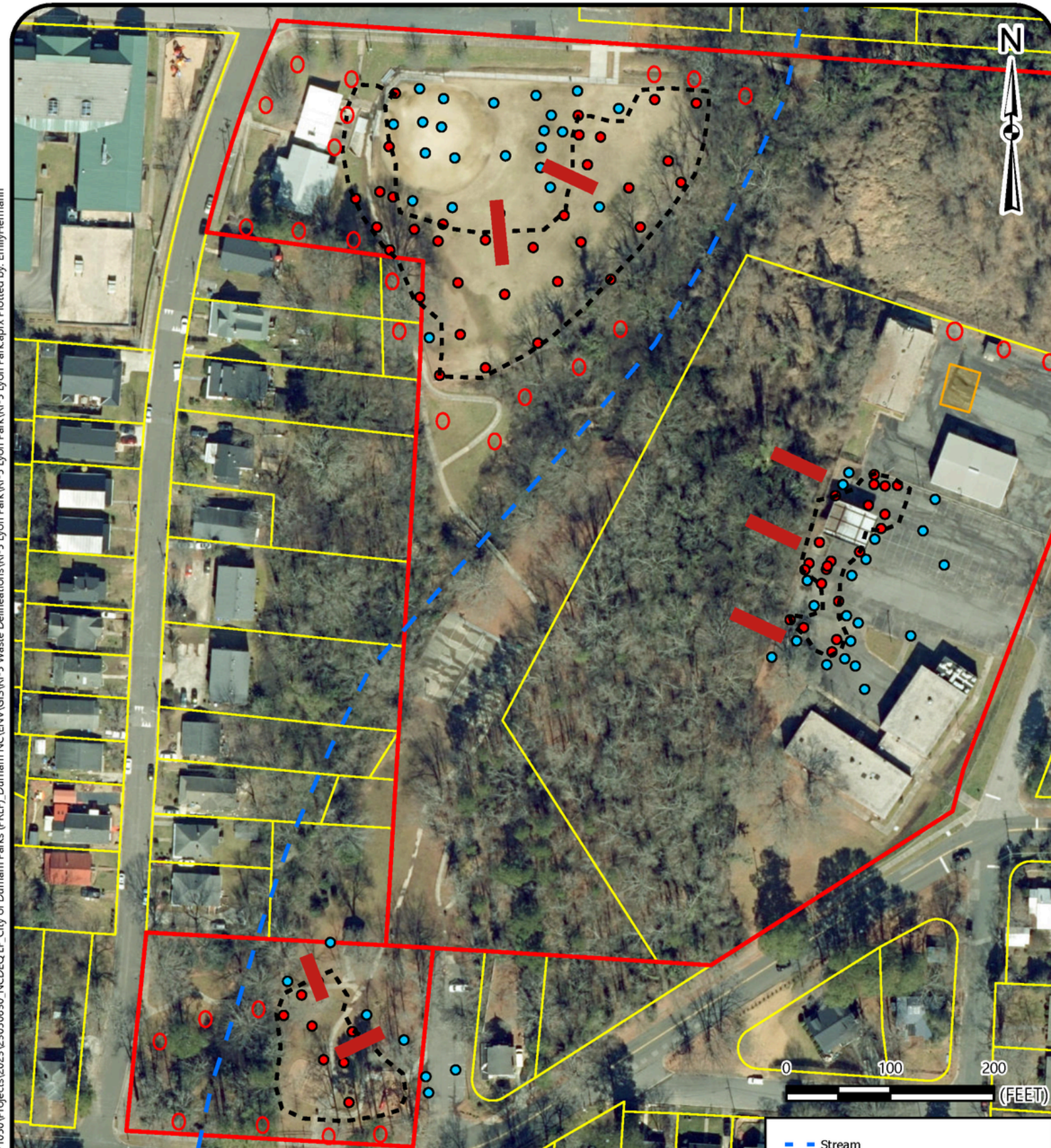
FIGURE NO.

1

Lyon Park

Waste Delineation Borings

Drawing Path: T:\ Raleigh - 1050\Projects\2023\23050630_NCDEQ_LE_City of Durham Parks (PRLF)_Durham NCI\EN\GIS\RI-5 Waste Delineations\RI-5 Lyon Park\RI-5 Lyon Park.aprx Plotted by: EmilyHermann



NOTES: SOIL BORINGS WERE ADVANCED ON NOVEMBER 18, 19, 20, 21, AND 22, 2024.

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

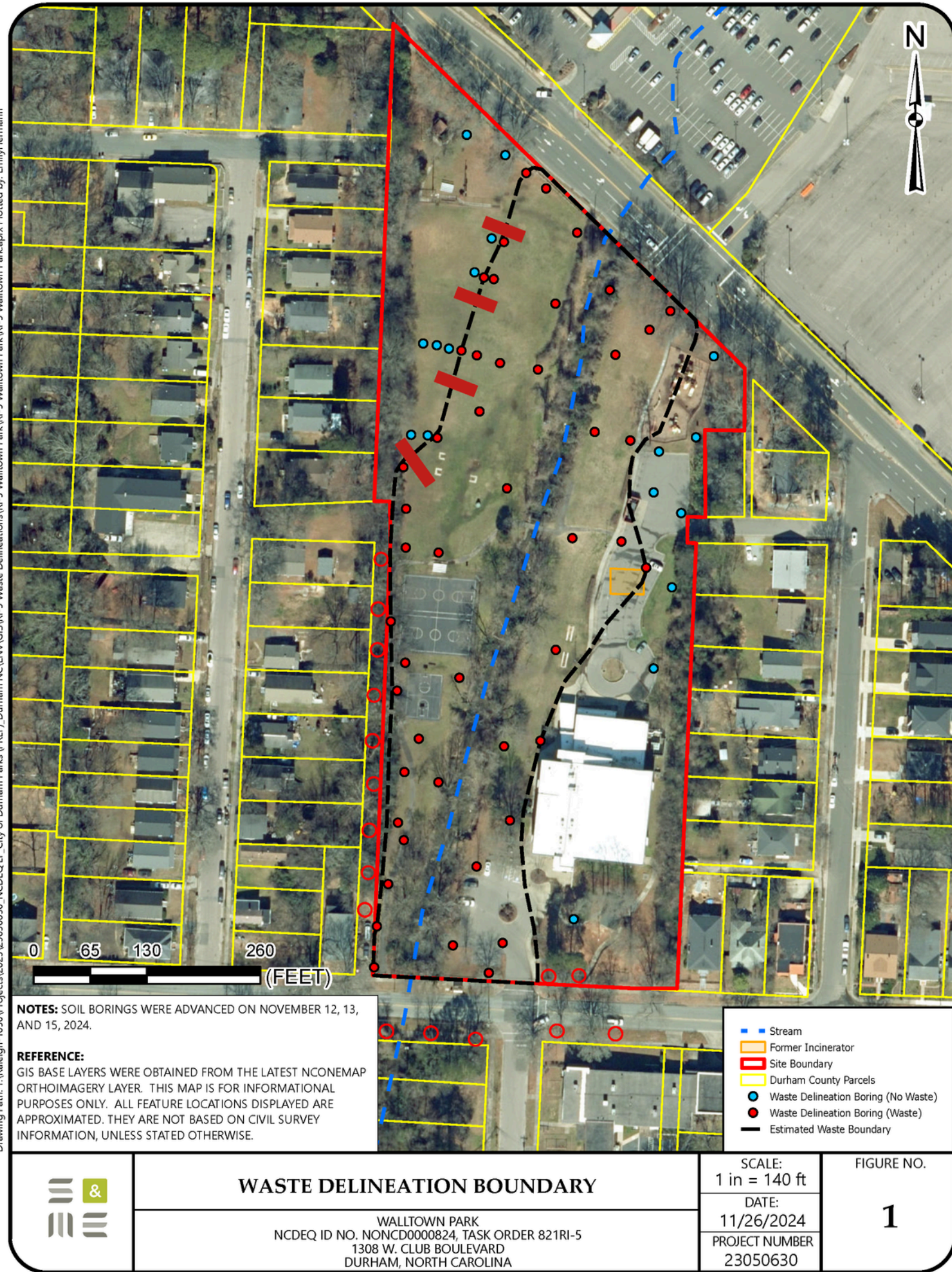
- Stream
- Former Incinerator
- Site Boundary
- Durham County Parcels
- Waste Delineating Boring (No Waste)
- Waste Delineating Boring (Waste)

	WASTE DELINEATION BORINGS	SCALE: 1 in = 130 ft	FIGURE NO. 1
	LYON PARK NCDEQ ID NO. NONCD0000823, TASK ORDER 821RI-5 1101 CORNELL STREET & 1200 W. LAKEWOOD AVE DURHAM, DURHAM COUNTY, NORTH CAROLINA	DATE: 11/25/2024	
		PROJECT NUMBER 23050630	

Walltown Park

Waste Delineation Boundary

Drawing Path: T:\Raleigh-1050\Projects\2023\23050630_NCDEQ_LE_City of Durham Parks (PRLF)_Durham NC\ENV\GIS\RI-5 Waste Delineations\RI-5 Walltown Park\RI-5 Walltown Park.aprx Plotted by: EmilyHermann



NOTES: SOIL BORINGS WERE ADVANCED ON NOVEMBER 12, 13, AND 15, 2024.

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

- Stream
- Former Incinerator
- Site Boundary
- Durham County Parcels
- Waste Delineation Boring (No Waste)
- Waste Delineation Boring (Waste)
- Estimated Waste Boundary



WASTE DELINEATION BOUNDARY

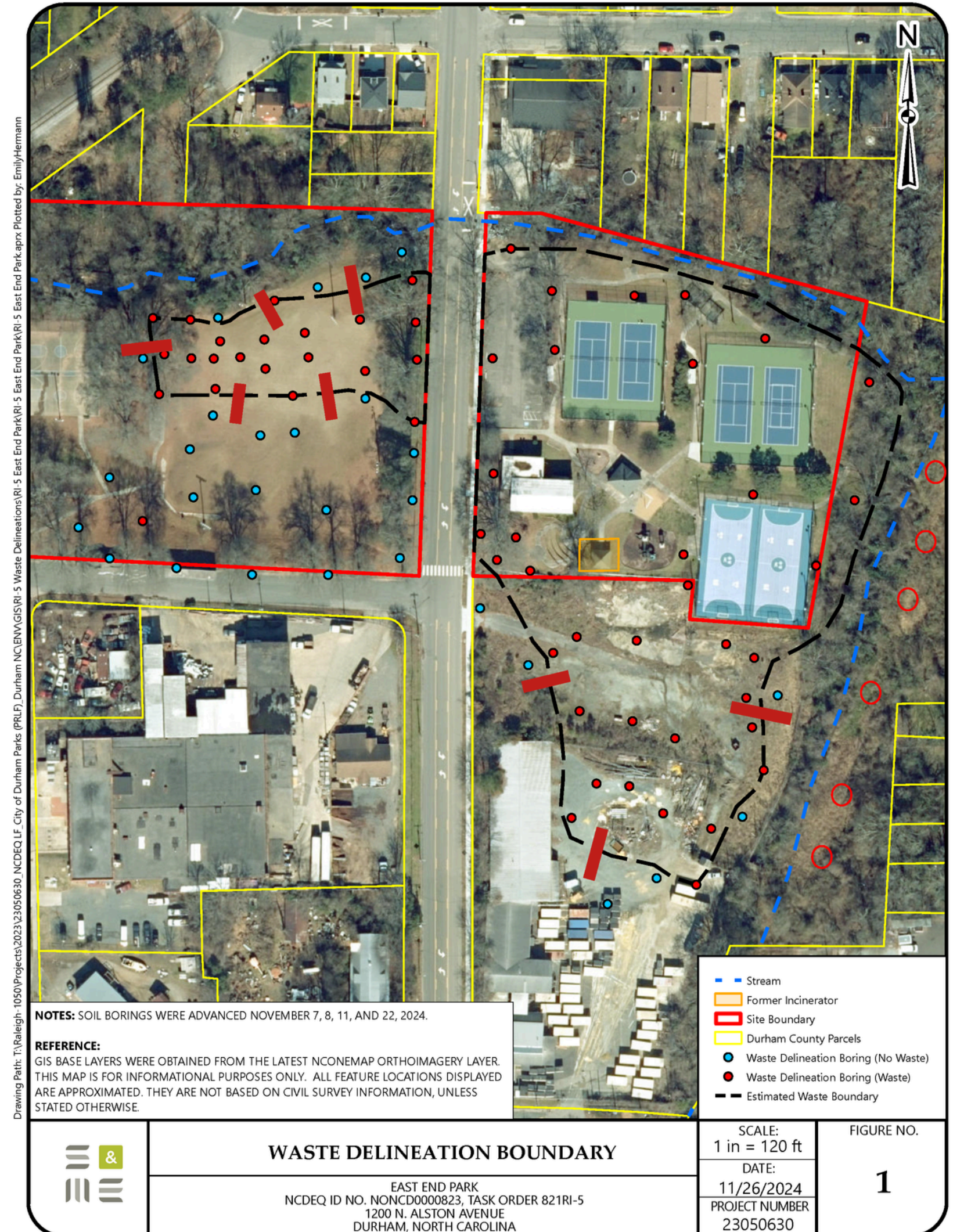
WALLTOWN PARK
NCDEQ ID NO. NONCD0000824, TASK ORDER 821RI-5
1308 W. CLUB BOULEVARD
DURHAM, NORTH CAROLINA

SCALE:
1 in = 140 ft
DATE:
11/26/2024
PROJECT NUMBER
23050630

FIGURE NO.
1

East End Park

Waste Delineation Boundary



2025

January

- Start trenches and test pits at remaining 4 parks (Waste Delineation Activities)
- **January Community Meeting**
 - DEQ to explain: WDA report + Soil Cover Eval. + Background sampling using East Durham as an example.

Next

- Analysis of ground water (wells), surface water, soil gas probes
 - Water and Soil Gas probes = 1 year of monitoring
- **Spring 25:** *Potential Final Waste Delineation Activities results + Soil Cover evaluation + background soil sampling + above ground vapor survey =*
 - *Most detailed understanding to potentially make decisions on re-opening areas of parks and some playgrounds (depending on results).*

Summer & Fall Engagements

Summer/Fall 2024 PRLP Engagement

Event	Location	Date	Time	Reach/Attendance	Host
EAST DURHAM & EAST END					
Zumba Toning	Holton	9/4/2024	6-6:45 p.m.	10	DPR
Step Aerobics	Holton	9/4/2024	7-7:45 p.m.	10	DPR
LYON PARK					
Free Food Market	CFLC at LP	8/29/2024	2:45-4 p.m.	30	West End Community Foundation
National Night Out	815 Carroll Street	10/1/2024	4PM - 6PM	10	West End & Lyon Park Legacy Proje
PMC Grand Opening	906 Carroll Street	9/7/2024	10AM - 2PM	300 attendees	Pauli Murray Center
NORTHGATE					
Northgate Park Neighborhood Association	Durham Civitan Club	10/17/2024	7 p.m.	50	Northgate Park Neighborhood
Tennis Court Reso.	Northgate Park	9/15/2024	10:30 a.m.	60	Eno Community Tennis Assoc.
WALLTOWN					
Walltown Community Reunion	Walltown Rec	9/28/2024	11 a.m. - 2 p.m.		Walltown Community
Walltown Small Area Plan Meeting	Walltown Rec	9/7/2024	10:30 a.m.-12 p.m.		Durham Planning Dept.
GENERAL					
Project Earth Enviro Fair	Gross Hall Energy Hub	8/22/2024	3-5 p.m.	100	Duke
CM Freeman Town Hall	W.D. Hill Rec Center	8/22/2024	7-8 p.m.	25	CM Freeman