

# History of Park Property



1922 Newspaper Articles



**1923**  
Landfill and Incinerator Placed on Site

**1950s**  
Landfill and Incinerator Closed

**1970s**  
Bingham Park Opens

**2010s**  
NC Department of Environmental Quality Testing

**2000s**  
Cracking Basketball Court Reveals Landfill

**2020s**

- Additional Testing
- Bingham Park Environmental Justice Team Established
- Community Organizing and Engagement
- Advocacy for Funding on Local, State, and Federal Levels
- Hampton School site transferred to City and demolished
- East Greensboro Greenway feasibility study begins
- City Recommends Full Remediation
- Initial Engagement for Park Master Plan



# Bingham Park Testing Results



## NC Department of Environmental Quality Research Findings

- Waste is up to 20-feet-thick and covers about 12.7 acres.
- Soil, waste, and sediment samples show levels of semi-volatile organic compounds (a group of chemicals) and metals. Arsenic, iron, manganese, and lead were found in the waste sampled.
- Soil cover and vegetation prevents park users from coming into contact with the waste except along streambank, where physical hazards are present.
- Physical hazards include: broken glass, brick, metal pieces, and other debris.
- Park users could be exposed to hazards by entering, playing, or wading in the stream.
- Contamination is contained onsite.
- No harmful or explosive landfill gases were found.
- There are no known drinking water wells within 1,000 feet of the landfill.
- Water fountain onsite was connected to city water system, not wells.

***Research Dates: 2011-2020***

# State Environmental Guidance



## NC Department of Environmental Quality Advisory on Bingham Park

*Based on site assessment and human health risk calculations*

- Park users should not drink water from or wade in the stream channel.
- Digging in or eating the soil could put a child or other park user at risk for exposure to arsenic, iron, manganese, lead, and SVOCs.

Park permitted to stay open and operational with warning signage added by City of Greensboro. The park was open for walking only.

*Source: NCDEQ  
Bingham Park Pre-Regulatory Landfill Fact Sheet. Use the QR code below to learn more.*



## Recent City Actions

**2024** - New guidance from the US Environmental Protection Agency changing the federal screening level for lead in soil at residential properties coupled with an updated risk management review prompted the City to fully close Bingham Park and fence the property.

# Project Cost and Funding

## Funds Identified

- THUD Appropriations Bill: \$1,116,279
- State House Bill 259: up to \$11 million\*  
*\* Could be shared with other City projects - total Bingham Park funding to be determined*
- State DEQ: \$7-\$10 million\*\*  
*\*\*NC Department of Environmental Quality will determine final amount*

## Funding Gap *To Be Determined*

- Total project cost will be determined during cleanup action plan development process
- Cost drivers: transportation and disposal costs
- Cleanup estimates do not include funds for park redevelopment



# Landfill Comparisons

	<b>Great Oak Landfill</b>	<b>Uwharrie Landfill</b>	<b>White Street Landfill</b>
Disposal Cost (per ton)	\$42.00/\$32.00	\$42.00	\$24.50
Disposal transportation cost (per truck trip)	\$33.00	\$99.00	\$6.00
Can landfill handle daily volume?	Permit Limited	Yes	Modify existing permit
Control and preferred disposal access	No	No	Yes
Environmental Justice Concerns	Yes	Yes	Yes
City Council Resolution Required	No	No	Yes
Revised Solid Waste Permit	No	No	Yes*
Pending EPA regulations that could impact the City's environmental liability	Yes	Yes	Yes
Preliminary Cost Estimate	\$36 million	\$54 million	\$24 - \$27 million

\* Permit modification would require public comment and Council authorization

# Park Planning Summary of Engagement



## Dream Big: Participation



# Park Planning Engagement Results



# White Street Landfill

- Located in Greensboro and managed by City of Greensboro
- Closed to household waste in 2005
- Accepts yard waste and construction and demolition waste
- Front entrance modified for truck traffic to enter from Cone Blvd. direction
- Regulatory, lined landfill that accepts this type of waste
- Estimated full closure in 2057; would be at capacity 8.4 years sooner with addition of Bingham Park waste
- Help replenish landfill closure funds



- Project Duration - approximately 4+ months



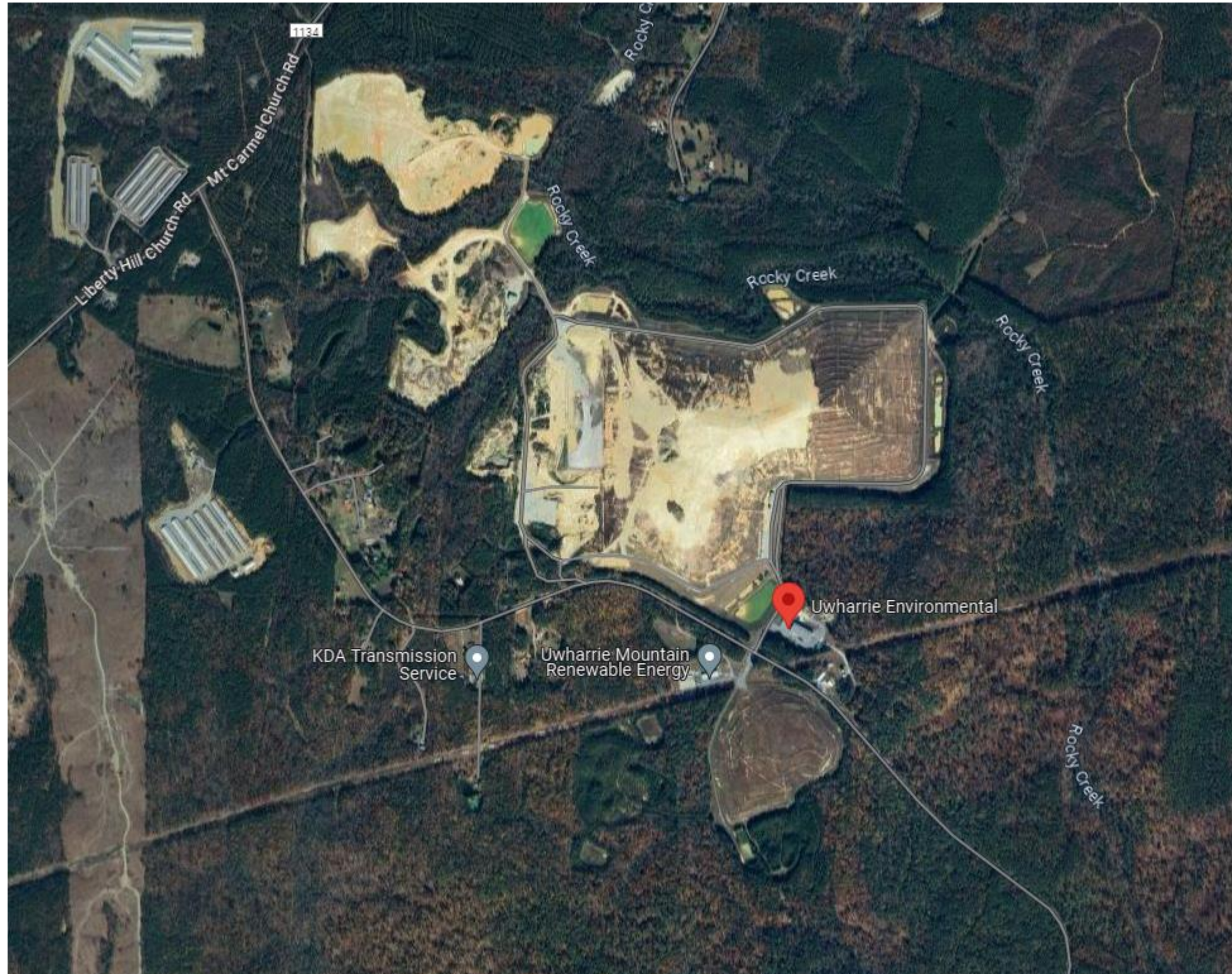
# Great Oak Landfill

- Located in Asheboro and managed by Waste Management
- City of Greensboro transports household waste here
- Accepts waste from several other municipalities
- Uncertain if landfill can accept the daily volume
- Regulatory, lined landfill that accepts this type of waste
- Estimated full closure in 2056, would close 5.5 months sooner with addition of Bingham Park waste



- Project Duration - approximately 8 – 11.5+ months

# Uwharrie Landfill



- Located in Troy and managed by Republic Services
- Estimated full closure in 2041, would close 5.5 months sooner with addition of Bingham Park waste
- Regulatory, lined landfill that accepts this type of waste
- Project Duration - approximately 16+ months

# Remediation Planning

Community Engagement	Ongoing
Initiation of Remediation Plan	2024
Remedial Action Plan (RAP) Preparation	1-2 months
RAP Comment Period*	1-2 months
Finalize RAP	1 month
City Council Resolution*	3-4 months
Permit Modifications*	8-12 months
Bid Specifications	2 months
Bid Project	2 months
Bid Review and Approval	2 months

\* Opportunity for public comment



# Possible Considerations for City Council Action

- Support the removal of all contaminated soil at Bingham Park and the former Hampton School site
- Authorize the allocation of \$11 million of the funds received from State House Bill 259 to support Bingham Park project
- Commit to fund the balance of the Bingham Park project pending final cost estimates and external funding commitments
- Support the use of the White Street Landfill to receive waste from the Bingham Park project only, pending the solid waste permit revisions
- Reaffirm the steadfast commitment to keep the White Street Landfill closed for household solid waste
- Work with the communities to minimize impacts of this project
- Support for enhancements at / near Bingham Park and White St Landfill
- Authorize beginning the formal remedial action planning for Bingham Park

