



# Davidson Community Asbestos Site, Davidson, Mecklenburg County, NC

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## AGENDA

Welcome  
Introductions  
Presentation

# Davidson Community Asbestos Site, Davidson, Mecklenburg County, NC



Angela Miller, EPA Community Involvement Coordinator

Chris Tripp, EPA On-Scene Coordinator

Courtney Swanson, EPA On-Scene Coordinator

Tim Frederick, EPA Risk Assessor

Miguel Alvalle, P.G., DEQ

Doug Wright, Town of Davidson

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## Background history on the Asbestos Mill

- Operated from the late 1920s to early 1970s
- Manufactured asbestos fabric, tile, and shingles
- Waste material disposed of on site
- No access controls at former mill
- 1980s – After complaints from residents Mecklenburg County Health Dept. required the owner to cap the disposal area

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September 2016 – Developer hosted a public meeting to discuss Davidson Depot plans with Town of Davidson

Citizens in attendance raised concern about asbestos contamination on their properties

In response to the citizens' concerns, the North Carolina Department of Environmental Quality (NC DEQ) requested that EPA conduct a Removal Site Evaluation (RSE) of the properties surrounding the former mill

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## 2016/2017 Sampling Summary Table:

	Sampling areas/ parcels	Number of samples collected	Non- Detect	Trace	0.25-1%	Greater than 1%	Parcels where EPA observed bulk asbestos-containing material
<b>TOTAL</b>	93	323	257	50	18	7	17

Trace – Less than 0.25%

Explain EPA Action Level – 0.25% to 1%

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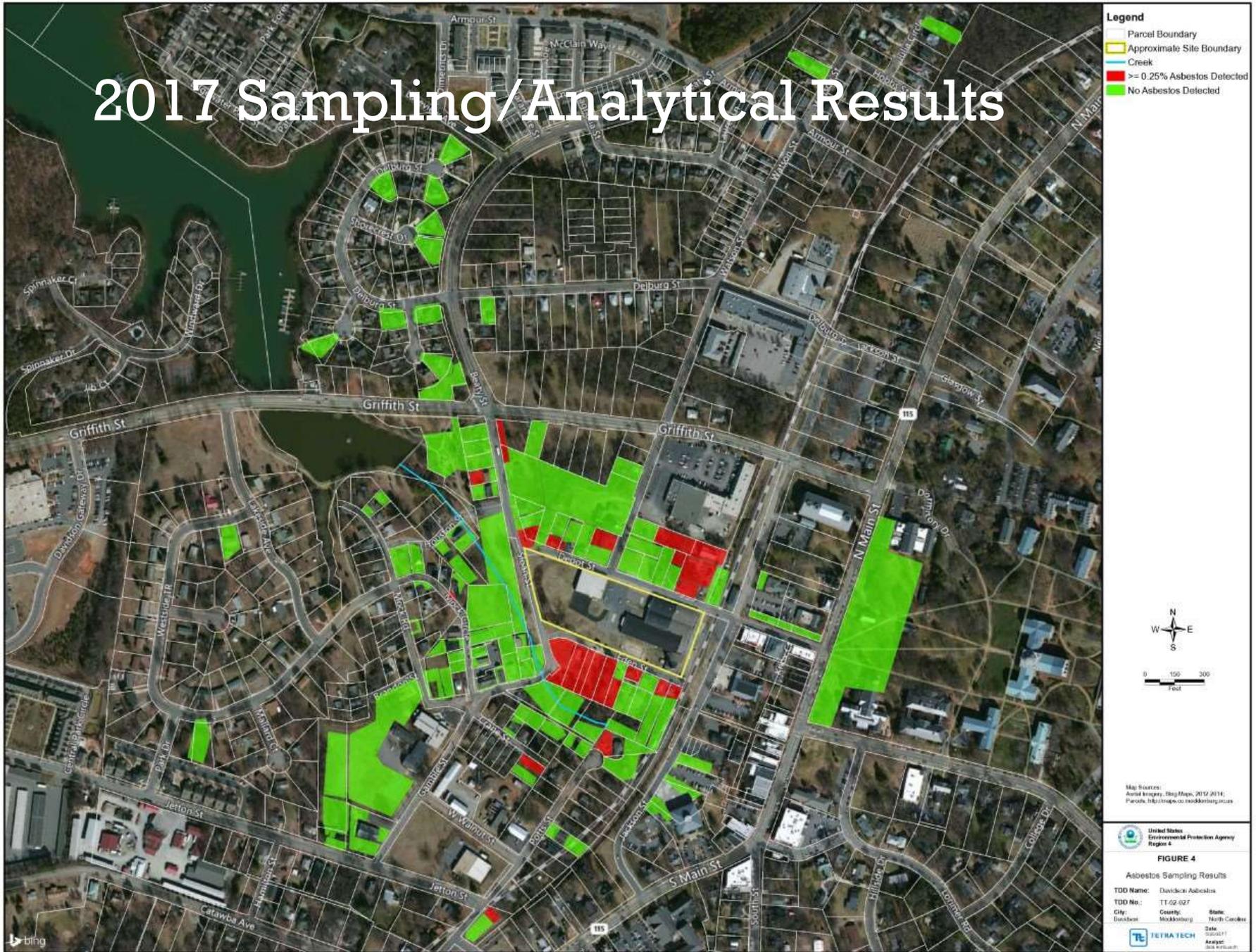
Excavated 32 properties

Temporary relocation was offered

Total of 6,204 tons of soil excavated and  
disposed

\$1.7 million was spent

# 2017 Sampling/Analytical Results



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Why is EPA sampling again?

Expanded sampling area

A few properties left to sample within this area, if property access is given by property owner

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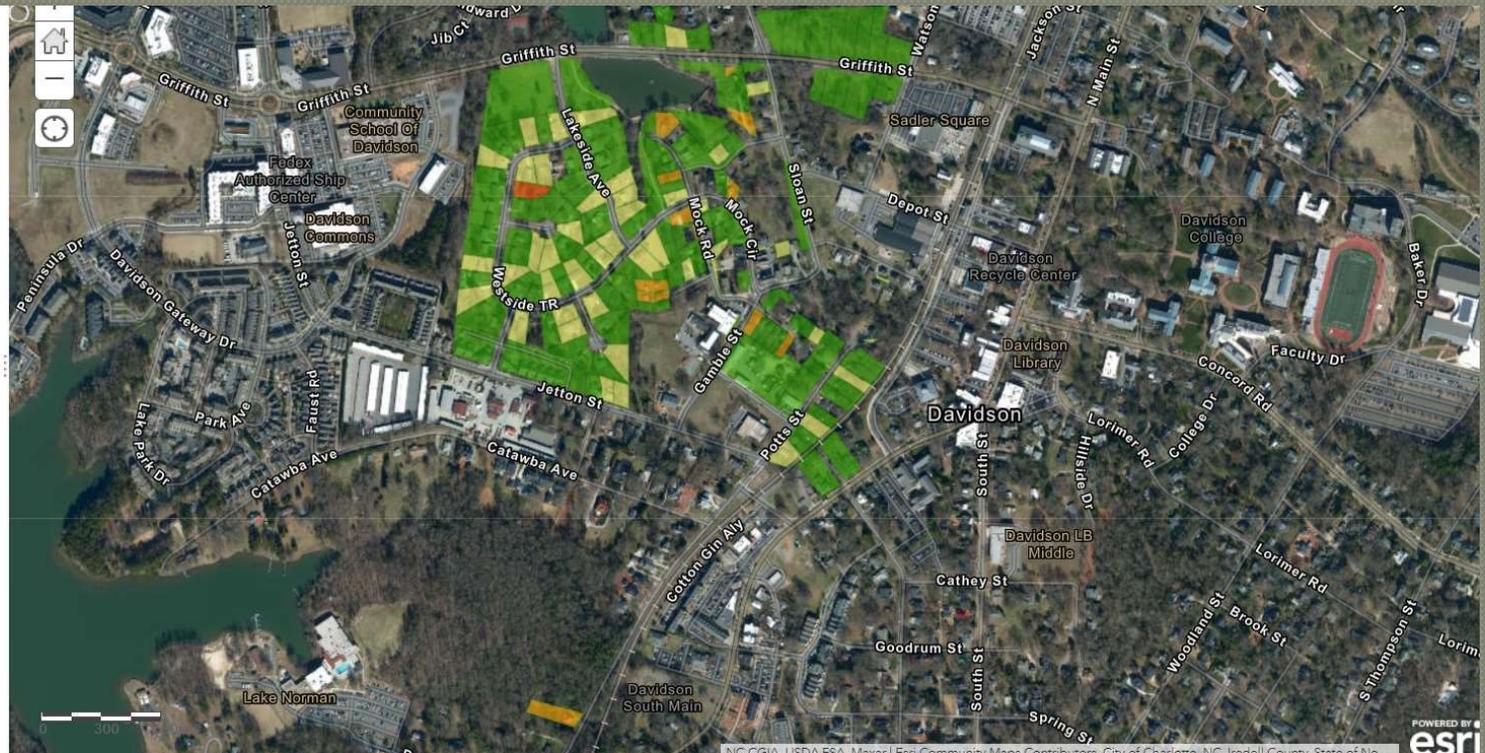
## Updated Map (as of 1/8/21)

### Legend

#### arcels\_for\_Assessment\_2020\_042320

- Access - Requested
- Access - Denied
- Access - Granted Not Sampled
- Sampled - Awaiting Results
- Sampled - No Further Action Required
- Sampled - Further Action Required
- Sampled - Remediated

#### arcels (Polygons) - Parcels



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EPA developed a sampling strategy to assess surface/shallow subsurface soils (0" to 3" and 3" to 6" below ground surface)



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## 2020 Sampling Summary

- 136 parcels sampled
- 521 soil samples collected
- 6 bulk material samples
- 125 parcels require No Further Action
- 11 parcels met the criteria for an EPA Removal Action
- 5 parcel interim mitigation measures applied

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## Next Steps

- Conduct necessary remaining sampling within the expanded area – access pending
- EPA to meet with property owners to offer temporary relocation during asbestos removal
- Virtual meeting to discuss EPA's cleanup plan
- Removal to begin late January/early February 2021
  - EPA staff will be on-site throughout the cleanup to address questions and concerns

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## Cleanup Work Protective Measures

- Residents that may be impacted by EPA cleanup operations will be offered temporary relocation.
- There will be dust suppression utilized via water trucks and water hoses spraying any asbestos contaminated soils.
- There will be perimeter air monitoring and sampling at properties where work is occurring and at the asbestos contaminated soil staging area. The staged piles will be on top of a barrier and covered.

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## Cleanup Work Protective Measures

- There will be personal air sampling taking place for EPA contractors performing soil removal work at properties.
- All EPA contractors will be wearing appropriate Personal Protective Equipment when working at properties.
- All work will be performed under approved Health and Safety Plans.
- Properties will be restored with clean backfill soil and grass.
- Asbestos containing soils will be properly transported and disposed of.

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## **Roosevelt Wilson Park**

- Park will be closed during asbestos removal process
- Air monitoring equipment will be on site during park removal

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## EPA Contact Information

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## DEQ Contact Information

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## Town of Davidson Contact Information

**Doug Wright, Project Manager**

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## NC DHHS Contact Information

For materials on exposure to asbestos:

919-707-5900 or visit [nchace@dhhs.nc.gov](mailto:nchace@dhhs.nc.gov)

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**Additional Site Information at US EPA Weblink:**

**[https://response.epa.gov/site/site\\_profile.aspx?site\\_id=14755](https://response.epa.gov/site/site_profile.aspx?site_id=14755)**

**Additional Site Information at Town of Davidson Weblink:**

**<http://www.ci.davidson.nc.us/1159/Asbestos>**

**Additional Site Information at NC DEQ Weblink:**

**<https://deq.nc.gov/about/divisions/waste-management/superfund-section/inactive-hazardous-sites-program/davidson>**