

**North Carolina Department of Commerce  
Small Cities Community Development Block Grant Program (CDBG)**

**Environmental Review Record at the Community Level for  
Categorically Excluded Subject to 58.5 Projects**

|                                                                                                                                                                                                                 |                             |                                                                                                                                                                                                                                                                                                                           |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>1. Grantee (Responsible Entity) Name</b> <a href="#">[24 CFR 58.2]</a> :<br><br>City of Asheboro                                                                                                             |                             | <b>2. Grant Number:</b> 20-V-3510                                                                                                                                                                                                                                                                                         |  |
| <b>3. Responsible Entity Mailing Address:</b><br><br>City of Asheboro<br>P.O. Box 1106<br>Asheboro, NC 27204-1106                                                                                               |                             | <b>4. Project Name and Location (City and County):</b><br><br>205 S. Cox St., Asheboro, NC                                                                                                                                                                                                                                |  |
| <b>5. Local Government Project Representative</b><br>Name: Trevor Nuttall<br>Title: Assistant City Manager                                                                                                      |                             | Email: <a href="mailto:tnuttall@ci.asheboro.nc.us">tnuttall@ci.asheboro.nc.us</a><br>Telephone: 336-626-1201 x 2323                                                                                                                                                                                                       |  |
| <b>6. Preparer Contact Information</b><br>Name/Title/Organization: JoAnna McDonald, PhD,<br>Environmental Advisor, Insight Consulting<br>Address: 5030 New Centre Drive<br>City/State/ZIP: Wilmington, NC 28403 |                             | Phone: (910) 622-9852<br>E-mail: <a href="mailto:jmcdonald@consultinsight.com">jmcdonald@consultinsight.com</a><br>Date:<br>Signature:                                                                                                                                                                                    |  |
| <b>7. Responsible Entity Certifying Officer</b> <a href="#">[24 CFR 58.2]</a><br>Name: David H. Smith<br>Title: Mayor                                                                                           |                             | Date:<br>Signature:                                                                                                                                                                                                                                                                                                       |  |
| <b>8. Grant Category:</b> CDBG-CV Program Amendment                                                                                                                                                             |                             | <b>9. Checklists Included:</b><br><input type="checkbox"/> Exempt <a href="#">[24 CFR 58.34]</a><br><input type="checkbox"/> Categorical excluded (not subject to 58.5) <a href="#">[24 CFR 58.35(a)]</a><br><input checked="" type="checkbox"/> Categorical excluded (subject to 58.5) <a href="#">[24 CFR 58.35(b)]</a> |  |
| <b>10. Project Activities:</b>                                                                                                                                                                                  | <b>CDBG Funds Budgeted:</b> | <b>Other Funds Budgeted:</b>                                                                                                                                                                                                                                                                                              |  |
| Project and Administration                                                                                                                                                                                      | \$243,503.00                |                                                                                                                                                                                                                                                                                                                           |  |
| Additional Funding Request                                                                                                                                                                                      | \$790,335.56                |                                                                                                                                                                                                                                                                                                                           |  |
|                                                                                                                                                                                                                 |                             |                                                                                                                                                                                                                                                                                                                           |  |
|                                                                                                                                                                                                                 |                             |                                                                                                                                                                                                                                                                                                                           |  |
| Land & Water Conservation Fund                                                                                                                                                                                  |                             | \$298,720.00                                                                                                                                                                                                                                                                                                              |  |
|                                                                                                                                                                                                                 |                             |                                                                                                                                                                                                                                                                                                                           |  |
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|                                                                                                                                                                                                                 |                             |                                                                                                                                                                                                                                                                                                                           |  |
| <b>Total:</b>                                                                                                                                                                                                   | \$1,033,838.56              | \$298,720.00                                                                                                                                                                                                                                                                                                              |  |

**11. Project Description:** (Briefly describe the project. Include all contemplated actions which logically are either geographically or functionally a composite part of the project, regardless of the source of funding. [[24 CFR 58.32](#), [40 CFR 1508.25](#)]. Please include a project map. If the project is occurring in multiple places, identify all sites and provide addresses. Please provide labeled photos of all project sites. If structures are involved, please indicate age and what work is proposed.) **Program Amendment:** The City of Asheboro is proposing to utilize surplus CDBG-CV funding to convert an open space park to a community garden. The project is 3.5 acres. The rehabilitation/modernization activities will include planting bushes and flowers that attract birds and wildlife. There will be different gardens apiary, "bog," butterfly, rose, and shade. An ADA system will be built. There will be places to sit, water features, a gazebo or pavilion, parking lot, restroom, power for events, lighting, water for drinking and irrigation.

**12. Determination:**

☐ This project converts to Exempt, per Section [58.34\(a\)\(12\)](#), because it does not require any mitigation for compliance with any listed statutes or authorities, nor requires any formal permit or license; **Funds may be drawn down** for this (now) EXEMPT project; OR

☒ This project cannot convert to Exempt because one or more statutes/authorities require consultation or mitigation. Complete consultation/mitigation requirements, publish NOI/RROF and obtain Authority to Use Grant Funds per Section [58.70](#) and [58.71](#) before drawing down funds; OR

☐ The unusual circumstances of this project may result in a significant environmental impact. This project requires preparation of an Environmental Assessment (EA). Prepare the EA according to [24 CFR Part 58 Subpart E](#).

**13. Additional Studies Performed, if any (Attach studies or summaries):**

Archeology Survey of the Jarrell Garden Property, New South Associates, Inc, June 9, 2023  
Wetlands Delineation Report  
U.S. Corps of Engineers, Jurisdictional Determination Report, 2023  
Phase I ESA, Pilot Environmental Services, June 2024

**Environmental Review for Categorically Excluded Projects**

*In the items below, record the determination made regarding each listed statute, executive order, or regulation. Provide appropriate source documentation such as reviews or consultations, applicable permits or approvals obtained or required. Note dates of contact or page referenced. Provide compliance or consistency documentation. Attach additional material as appropriate. Note conditions, attenuation, or mitigation measures required.*



## 14. Planning and Zoning

- a. Is the project in compliance or conformance with local zoning?  
☒ Yes    ☐ No    Explain: The proposed site plan has gone through the zoning compliance permit review process and is eligible for a zoning permit.
- b. Is the proposal consistent or compatible with completed components of the local or regional comprehensive plan?  
☒ Yes    ☐ No    Explain: The proposed project is consistent and compatible with multiple goals of the Asheboro Land Development Plan, including:  
    Goal 4.1: Identification and protection of environmentally sensitive areas  
    Goal 4.2: Environmental impact mitigation and education  
    Goal 4.3: Opportunities for citizens to responsibly enjoy the natural environment  
Policy 4.3.1: The City will aid the Parks and Recreation Department in establishing opportunities for additional recreational facilities (parks, greenways, and trails) implementing the Parks and Recreation Master Plan, and obtaining state and federal funding.
- The Garden property and surrounding area is designated by the Asheboro Land Development Plan as an "Activity Center," which encourages a wide variety of complementary uses and neighborhood amenities including parks and walking trails.
- c. Are there any unresolved conflicts concerning the use of the site?  
☐ Yes    ☒ No    Explain:
- d. Does the project require mitigation in regards to local zoning?  
☐ Yes    ☒ No
- e. **Comments and Source Documentation:** The Garden project plan aligns with the adopted Master Plan for the facility. The adopted Master Plan, as well as the Asheboro Land Development Plan, may be accessed at [asheboronc.gov](http://asheboronc.gov). Source: City of Asheboro's Planning Director Justin Luck

## 15. Air Quality [\[Clean Air Act, Sections 176 \(c\) and \(d\), and 40 CFR 6, 51, 93\]](#)

- a. Is the project within a "[non-attainment](#)" or "maintenance" area identified in the air quality State Implementation Plan (SIP)?  
☐ Yes    ☒ No
- b. Does the project involve transportation facilities?    ☐ Yes    ☒ No
- c. Does the project comply with [the North Carolina Air Quality Implementation Plan \(SIP\)](#)?  
☒ Yes    ☐ No    Explain:
- d. Does the project require mitigation in regards to air quality?    ☐ Yes    ☒ No
- e. **Comments and Source Documentation:** The City of Asheboro is located in Randolph County. Randolph Co. is not listed in the EPA Green book as being in nonattainment/maintenance status. NCDEQ lists as attaining the 2015 8-hour ozone standard. Therefore, this project is in compliance with the Clean Air Act, Sections 176 (c) and (d), and 40 CFR 6, 51, 93. See North Carolina Nonattainment/Maintenance Status for Each County by Year for All Criteria Pollutants, Green Book, EPA and NC DEQ Counties Attaining the 2015 8-hour Ozone Standard Map, and Ozone 8-hr Map in **Clean Air Packet, located in the Appendix.**

**16. Coastal Zone Management Act and Coastal Barriers** [\[Sections 307\(c\),\(d\)\]](#)

- a. Is the project listed in a [Coastal Area Management Act](#) (CAMA) county?  
☐ Yes ☒ No
- b. Does the project involve new construction, land conversion, major rehabilitation, and substantial improvement activities?  
☐ Yes ☒ No

- c. Does the project require a [consistency review](#) with NCDCM? ☐ Yes ☒ No Explain:

If yes to c, please provide an analysis in the space below of how the proposed financial assistance would result in a project (when constructed) that would be consistent with the State's coastal management program.

- d. Is the project located within a coastal barrier designated on a current [FEMA flood map](#) or [Department of Interior coastal barrier resources map](#) ?  
☐ Yes ☒ No
- e. **Comments and Source Documentation:** The project is not located within a CAMA county or in a Coastal Barrier. Therefore, the proposed project has no potential to impact CZMA and is in compliance with the Coastal Zone Management Act. Compliance Factor determination and source documentation is based on the review of the North Carolina Division of Coastal Management mapper and FWS Coastal Barrier Resources Map, the proposed project is in compliance with CZMA and Coastal Barriers. **See attached Coastal Zone and Coastal Barrier Maps located in Appendix.**

**17. Historic Preservation** [\[36 CFR 800\]](#)

- a. Have you notified the [State Historic Preservation Office](#) (SHPO) and/or the [Advisory Council on Historical Places](#) (AHCP) of the project and requested their comments?  
☒ Yes ☐ No
- b. Is the property listed on or eligible for listing on the [National Register of Historic Places](#)?  
☐ Yes ☒ No
- c. Is the property located within or directly adjacent to an historic district?  
☐ Yes ☒ No
- d. Does the property's area of potential effects include an historic district or property?  
☐ Yes ☒ No
- e. Does the project require mitigation in regard to historic preservation?  
☐ Yes ☒ No
- f. **Comments and Source Documentation: Garden:** query was made to the North Carolina Office of State Archeology (OSA), 05/01/2025, State Historic Preservation Office (SHPO). A report was received from OSA/SHPO on 05/27/2025. OSA/SHPO conducted an archeology review of the project and found no historic resources that would affect the project.

## 18. Cultural Preservation [\[36 CFR 800\]](#)

a. What kind, if any, site preparation has already been conducted on the site? none

b. Has the area been previously surveyed by an archaeologist?

☒ Yes

☐ No

If so, give name of principal investigator and date of survey: Archeology Survey of the Jarrell Garden Property, New South Associates, Inc, June 9, 2023

c. Have you notified the Catawba Indian Nation Tribal Historic Preservation Officer of the project and requested their comments?

☒ Yes

☐ No

d. Have you notified the Eastern Band of Cherokee Indians Tribal Historic Preservation Officer of the project and requested their comments?

☐ Yes

☒ No

e. Have you notified the Tuscarora Nation of New York Tribal Historic Preservation Officer of the project and requested their comments?

☐ Yes

☒ No

f. Have you notified the Muscogee Tribal Historic Preservation Officer of the project and requested their comments?

☐ Yes

☒ No

g. Does the project require mitigation in regard to cultural preservation?

☐ Yes

☒ No

h. **Comments and Source Documentation:** Per the Tribal Directory Assessment Tool, Catawba is listed in Randolph County. A consultation letter was sent to Catawba on 06/06/2025. The proposed project will have no adverse effect on cultural or historical resources. Catawba replied on 06/12/2025. The Catawba have no immediate concerns with regard to traditional cultural properties. The Catawba will be notified if Native American artifacts or human remains are located during the ground disturbance phase of this project. The proposed project complies with 36 CFR 800. **See attached THPO Packet.** No further assessment is required.

## 19. Floodplain Management and Insurance [\(24 CFR Part 55, E.O. 11988\)](#)

a. Is the project area located within a 100-year floodplain (500-year for "critical actions") designated on a current FEMA flood map?

☐ Yes

☒ No

b. Identify and attach the FEMA flood map used to make this finding with the project site(s) clearly marked:

i. Community Name and Number: City of Asheboro, 370196

ii. Map Panel Number and Date of Map Panel: 3710775100J, 01/02/2008

c. Is the 8-step decision making process required for this project  [\(§ 55.20\)](#)? ☐ Yes ☒ No

d. Is there a building located or to be located within a [Special Flood Hazard Area](#) identified on a current Flood Insurance Rate Map (FIRM)?

☐ Yes

☒ No

e. Is flood insurance protection required for this project? ☐ Yes ☒ No Explain:

**19. Floodplain Management and Insurance** ([24 CFR Part 55](#), [E.O. 11988](#))

- f. Does the project require floodplain mitigation measures? ☐Yes ☒No
- g. **Comments and Source Documentation:** City of Asheboro, Panel #3710775100J, 01/02//2008; per City of Asheboro Flood Insurance Rate Map (FIRM), the work is located in an **X Zone**. Therefore, flood insurance is not required. See attached maps in **Floodplain Packet** located in the Appendix.

**20. Protection of Wetlands** ([E.O. 11990](#))

- a. Are there drainage ways, streams, rivers, or coastlines on or near the site? ☒Yes ☐No
- b. Are there ponds, marshes, bogs, swamps, or other wetlands on or near the site? ☐Yes ☒No
- c. Are there soils or vegetation characteristic of wetlands on or near the site? ☐Yes ☒No
- d. Does the project have the potential to affect or be affected by a wetland? ☐Yes ☒No
- e. For projects involving ground disturbance, are there any streams that surface waters drain into? (Attach a map).  
☐Yes ☒No
- f. For projects proposing ground disturbance, is the project located within a wetland designated on a [National Wetland Inventory Map](#) of the Department of Interior?  
☐Yes ☒No
- g. Is the 8-step decision-making process required for this project ([§ 55.20](#))? ☒Yes ☐No
- h. Does the project involve any impoundment or withdrawal of water? ☐Yes ☒No  
If so, please specify and describe with appropriate maps.
- i. Is the proposed project or activity subject to compliance with conditions set forth by the U.S. Army Corps of Engineers, concerning permits for dredge and fill activity?  
☒Yes ☐No
- j. Does the project require wetland mitigation measures? ☒Yes ☐No
- k. **Comments and Source Documentation:** The proposed project is located within a wetlands (bog) per USACE. The wetlands is not defined on the FWS Wetlands Mapper. An 8-Step was completed for this area of the project. Mitigation will include an elevated boardwalk above the base flood elevation in accordance with the local flood ordinances. The work also will be done in compliance with the most current State and Local codes and standards. The local floodplain administrator, Virginia Spillman, has been notified. DEQ Permit # RANDO-2025-0131. The project is in compliance with 24 CFR Part 55, EO11990. See attached documentation in the **Wetlands Packet**.

**21. Wild and Scenic Rivers Act** ([16 U.S.C. 1271 et seq. Sections 7 \(b\), \(c\)](#))

- a. Will the project affect a Wild and Scenic River or a river in the [Nationwide Rivers](#) inventory?  
☐Yes ☒No
- b. Does the project require mitigation measures in regard to wild and scenic rivers? ☐Yes ☒No
- c. **Comments and Source Documentation:** There are no Federal Wild and Scenic Rivers or State Natural and Scenic Rivers on or near the proposed project site in Randolph County. This project will not involve water resource projects or any work on or directly affecting any river on the Nationwide Rivers Inventory, nor will they result in significant adverse impacts to the values for which the listed rivers were designated. The proposed project is in compliance with the Wild and Scenic Act of 1968. See attached maps in **WSR Packet** located in the Appendix. No further assessment is required.

## 22. Noise Abatement [\[24 CFR 51, Subpart B\]](#)

- a. Is the project located within 5 miles of a civil airport? ☐Yes ☒No
- b. Is the project located within 15 miles of a military airfield? ☐Yes ☒No
- c. Is the project located within 1,000 feet of a major highway or busy road? ☒Yes ☐No
- d. Is the project located within 3,000 feet of a railroad? ☒Yes ☐No
- e. Does the project involve development of noise-sensitive uses? ☐Yes ☒No

If yes to e *and* any of a-d, calculate and attach the [Day/Night Noise Level](#) (DNL) [calculator](#) or Noise Assessment Guidelines [worksheets](#).

- f. Describe any temporary noise resulting from the project: Temporary noise will be created by power tools, equipment, and vehicles during construction.
- g. Does the project require noise attenuation or mitigation measures? ☐Yes ☒No
- h. **Comments and Source Documentation:** The project is in compliance see details below. All work will be completed using the latest NC Codes and Standards and local standardized noise attenuation measures.

**Civil and Military Airports:** per NEPAassist, there are no civil or military airports within five (5) miles or fifteen (15) miles of the five (5) properties. The project is in compliance with this section. See attached **Noise Packet** located in the Appendix.

### Major Highways/busy roads or Road with Readily Available AADT within 1000 feet:

**S. Cox St.:** per NCDOT (AADT) arcgis is 300 feet from project site. DNL Assessment is 45. The project is in compliance with this section. See attached AADT information in the **Noise Packet** located in the Appendix.

**S. Fayetteville St.:** per NCDOT (AADT) arcgis is 947 feet from project site. DNL Assessment is 42. The project is in compliance with this section. See attached AADT information in the **Noise Packet** located in the Appendix.

**E. Salisbury St:** per NCDOT (AADT) arcgis is 1,037 feet from project site. The project is in compliance with this section.

### Railroad within 3,000 feet: need to hear back from the railroad:

**Project Site:** per NCDOT (AADT) arcgis is 1,426 feet from a railroad. Combined Road and Railroad DNL Assessment is 61 decibels. The project is in compliance with this section. See attached AADT information in the **Noise Packet** located in the Appendix.

## 23. Airport Hazards [\[24 CFR Part 51, Subpart D\]](#)

- a. Is the project within 3,000 feet from the end of a runway at a civil airport?  
☐Yes ☒No
- b. Is the project within 2 ½ miles from the end of a runway at a military airfield?  
☐Yes ☒No
- c. If the project is located in a Runway Clear Zone or Clear Zone, will the project be frequently used or occupied by people?  
☐Yes ☒No
- d. Does the project require compliance with airport runway clear zones? ☐Yes ☒No
- e. **Comments and Source Documentation:** The proposed projects are all located in Asheboro, NC. Asheboro is not located within 3,000 feet of a civil airport or 2 ½ miles (13,200 feet) from a military airport. See attached **Airport Hazard Packet** located in the Appendix.

**24. Explosive and Flammable Hazard Operations** [\[24 CFR Part 51, Subpart C\]](#)

- a. Is this a construction or rehabilitation modernization project that will increase the number of people using the structure? ☒Yes ☐No
- b. Is this a rehabilitation/modernization project that will make a vacant building habitable? ☐Yes ☒No
- c. If yes to a or b, are there industrial facilities handling explosive or fire-prone materials such as liquid propane, gasoline or other storage tanks 1 mile from, adjacent to, or visible from the project site?  
☐Yes ☐No

**24. Explosive and Flammable Hazard Operations** [\[24 CFR Part 51, Subpart C\]](#)

- d. If yes to c, use the [HUD Hazards Guide](#) and attach [Acceptable Separation Distance](#) documentation.
- f. Does the project require mitigation for hazards? ☐Yes ☒No
- g. **Comments and Source Documentation:** There was one (1) 2,500 gal. diesel Above ground Storage Tank within 3,000 feet of project site. An ASD assessment was completed. ASD is at an acceptable distance. The proposed project is in compliance with 24 CFR Part 51, Subpart C. **See Explosive and Flammable Hazards' Packet located in the Appendix.**

**25. Toxic Chemicals and Radioactive Materials** [\[24 CFR 58.5\(i\)\]](#)

- a. Is the project near an industry disposing of chemicals or hazardous wastes?  
☐Yes ☒No
- b. Is the site listed on an EPA [Superfund](#) National Priorities or [CERCLA](#) or equivalent State list?  
☐Yes ☒No
- c. Is the site located within 3,000 feet of a toxic or solid waste landfill site?  
☐Yes ☒No
- d. Does the site have an underground storage tank?  
☐Yes ☒No
- e. Does the project require a [Phase I ASTM](#) report?  
☐Yes ☒No
- f. Does the project require a [Phase II ASTM](#) report?  
☐Yes ☒No
- g. Does the project require mitigation or remediation measures for toxins?  
☐Yes ☒No
- h. **Comments and Source Documentation:** Thirty-two (32) sites were identified from the above categories within 3,000 feet buffer of the project site. There was one (1) violation within the last five years. NCDEQ has sent a No Further Action letter. The proposed project is in compliance. See the attached site Toxic Chemicals and Radioactive Materials map and list of Toxic Chemicals and Radioactive Materials' sites and NCDEQ letter in the Toxic Chemicals Packet located in the Appendix.

**Radon:** Although this is an outdoor facility, a Radon Assessment was made. Per HUD Notice CPD-23-103, a Radon assessment was made using scientific data. The Notice states "When conducting a scientific data review in lieu of testing, there must be a minimum of 10 (ten) documented test results..."

CDC EPH Tracking map data tool was used to access currently available information about average radon test results. The average in Randolph County is 1.0 pCi/L. This is below the HUD 4.0 pCi/L action level.

The proposed project is in compliance. No further assessment is required. See CDC radon map located in Appendix.

**26. Endangered Species** [[50 CFR part 402](#)]

- a. Will there be any ground disturbance, vegetation removal, or unusually loud noise with this project?  
☒Yes    ☐No
- b. Review the [Department of Interior list of Endangered Species and Critical Habitats](#) list for the area. Is the project likely to affect any state or federally listed or proposed endangered or threatened species or critical habitats?  
☐Yes    ☒No

If yes attach consultation with the Fish and Wildlife Service.

- c. For projects involving ground disturbance or noise, what other classes of wildlife are known to exist in the general area? Amphibians, Crustaceans, Mammals
- d. **Comments and Source Documentation:** The proposed project activities, converting an open spaced park into a community garden, will have no effect on the listed resources or critical habitat, as past experience has shown. **See ESA Packet located in the Appendix.**

**27. Sole Source Aquifers:** [[40 CFR 149](#)]

- a. Will the proposed project affect a [sole source aquifer](#)?  
☐Yes    ☒No
- b. **Comments and Source Documentation:** There are no sole source aquifers in North Carolina.  
<http://www.epa.gov/region4/water/groundwater/r4ssa.html>

**28. Farmland Protection** [[7 CFR Part 658](#)]

- a. Will the proposed project be located on or directly adjacent to land that is categorized as prime, unique, or of State or local importance? ☐Yes    ☒No
- b. Does the project involve ground disturbance? ☒Yes    ☐No
- c. Does the project involve land conversion? ☐Yes    ☒No

If yes, will the project location, construction, or activities of project users adversely affect farmland on or near the site by conversion? ☐Yes    ☐No

- d. Does the project involve drainage that will adversely affect farmland? ☐Yes    ☒No
- e. Will the project create problems by introducing nuisance species of vegetation which may spread to adjacent farmland? ☐Yes    ☒No
- f. For projects involving ground disturbance, describe the topography in terms of slope, soil type, and vegetation. Cobble stones, well drained, deciduous trees, slopes
- g. Does the project require compliance mitigation with the [Farmland Protection Policy Act](#) and [HUD policy memo](#)?  
☐Yes    ☒No
- h. **Comments and Source Documentation:** The proposed project will not convert "Important Farmland" or other "Farmland of Statewide or Local Importance" as identified by the U.S. Department of Agriculture, Natural Resources Conservation Service (NRCS), formerly, the Soil Conservation Service to nonagricultural purposes. The proposed project is in compliance. See Soil Map and Soil Report in **Soil Packet** located in the Appendix. No further assessment is required.



29. **Environmental Justice** [\[E.O. 12898\]](#) In accordance with Executive Order 14173: Ending Illegal Discrimination and Restoring Merit-Based Opportunity, analysis of compliance for this authority is no longer required. No further assessment is required.

## DETERMINATION OF EXEMPTION [\[24 CFR 58.34\]](#)

Responsible Entity Name: City of Asheboro

Project Name: David and Pauline Jarrell Center City Garden

Grant Number: 20-V-3510

Except for the applicable requirements of [§ 58.6](#), the responsible entity does not have to comply with the requirements of this part or undertake any environmental review, consultation or other action under NEPA and the other provisions of law or authorities cited in [§ 58.5](#) for the activities exempt by this section or projects consisting solely of the exempt activities listed in [24 CFR 58.34 \(a\)](#). In accordance with [24 CFR 58.34 \(b\)](#), no further approval from HUD or the State is necessary for the drawdown of funds to implement these activities. However, the responsible entity must still document in writing its compliance with and/or applicability of the "other requirements" listed at [§ 58.6](#) and the Environmental Review Record (ERR) must contain a well organized written record of the process and determinations made under this section.

- ☒ (1) Environmental and other studies, resource identification and the development of plans and strategies;
- ☐ (2) Information and financial services;
- ☒ (3) Administrative and management activities;
- ☐ (4) Public services that will not have a physical impact or result in any physical change, including but not limited to services concerned with employment, crime prevention, child care, health, drug abuse, education, counseling, energy conservation and welfare or recreational needs;
- ☒ (5) Inspections and testing of properties for hazard or defects;
- ☐ (6) Purchase of insurance;
- ☐ (7) Purchase of tools;
- ☒ (8) Engineering or design cost;
- ☐ (9) Technical assistance and training;
- ☒ (10) Assistance for temporary or permanent improvements that do not alter environmental conditions and are limited to protection, repair or restoration activities necessary only to control or arrest the effects from disasters, imminent threats or physical deterioration;
- ☐ (11) Payment of principal and interest on loans made or obligations guaranteed by HUD;
- ☒ (12) Any of the categorical exclusions listed in 58.35(a) provided that there are not circumstances which require compliance with any other federal laws and authorities cited in 58.5.

I hereby certify that the activities selected above comprising the CDBG-CV Program Amendment have been reviewed and determined exempt per [24 CFR 58.34\(a\)](#):

David H. Smith Mayor, City of Asheboro  
Responsible Entity Certifying Official Name and Title (Please Print)

\_\_\_\_\_  
Responsible Entity Certifying Official Signature and Date

**CATEGORICAL EXCLUSION (Not Subject to 58.5) [[24 CFR 58.35 \(b\)](#)]**

Responsible Entity Name: City of Asheboro  
Project Name: David and Pauline Jarrell Center City Garden  
Grant Number: 20-V-3510

HUD has determined that the following categorically excluded activities would not alter any conditions that would require a review or compliance determination under the Federal laws and authorities cited in [§ 58.5](#). When the following kinds of activities are undertaken, following the award of the assistance, the responsible entity does not have to publish a NOI/RROF or execute a certification and the recipient does not have to submit a RROF to the State except in the circumstances requiring NEPA review. The recipient remains responsible for carrying out any applicable requirements under [§ 58.6](#) and the Environmental Review Record (ERR) must contain a well organized written record of the process and determinations made under this section.

☐ (1) Tenant-based rental assistance

☐ (2) Supportive services including, but not limited to, health care, housing services, permanent housing placement, daycare, nutritional services, short term payments for rent/mortgage/utility cost and assistance in gaining access to local, state, federal government benefits and services

☐ (3) Operating costs including maintenance, security, operation, utilities, furnishings, equipment, supplies, staff training and recruitment and other incidental costs;

☒ (4) Economic development activities including but not limited to equipment purchases, inventory financing, interest subsidy, operating expenses and similar cost not associated with construction or expansion of existing operations

☐ (5) Activities to assist homebuyers to purchase existing dwelling units or dwelling units under construction, including closing costs and down payment assistance, interest buydowns, and similar activities that result in the transfer of title

☐ (6) Affordable housing predevelopment construction including legal, consulting, developer and other cost related to obtaining site options project financing administrative cost and fees for loan commitments, zoning approvals, and other related activities, which do not have a physical impact.

☒ (7) Approval of supplemental assistance (including insurance or guarantee) to a project previously approved under this part, if the approval is made by the same responsible entity that conducted the environmental review on the original project and re-evaluation of the environmental findings is not required under [§ 58.47](#)

I hereby certify that the activities selected above comprising CDBG-CV Program Amendment have been reviewed and determined to be categorically excluded per [24 CFR 58.35 \(b\)](#):

David H. Smith Mayor, City of Asheboro  
Responsible Entity Certifying Official Name and Title (Please Print)

\_\_\_\_\_  
Responsible Entity Certifying Official Signature and Date

**CATEGORICAL EXCLUSION (Subject to 58.5) [24 CFR 58.35 (a)]**

Responsible Entity Name: City of Asheboro

Project Name: David and Pauline Jarrell Center City Garden

Grant Number: 20-V-3510

Categorical exclusion refers to a category of activities for which no environmental impact statement or environmental assessment and finding of no significant impact under NEPA is required, except in extraordinary circumstances [§ 58.2(a)(3)] in which a normally excluded activity may have a significant impact. Compliance with the other applicable Federal environmental laws and authorities listed in § 58.5 is required for any categorical exclusion listed below.

- ☐ (1) Acquisition, repair, improvement, reconstruction, or rehabilitation of public facilities and improvements (other than buildings) when the facilities and improvements are in place and will be retained in the same use without change in size or capacity of more than 20% (e.g., replacement of water or sewer lines, reconstruction of curbs and sidewalk, repaving of streets)
- ☐ (2) Special projects directed to the removal of material and architectural barriers that restrict the mobility of and accessibility to elderly and handicapped persons.
- ☐ (3) Rehabilitation of buildings and improvements of multifamily residential buildings when:
  - a. Unit density is not changed more than 20 percent;
  - b. The project does not involve changes in land use from residential to non-residential; and
  - c. The estimated cost of rehabilitation is less than 75 percent of the total estimated cost of replacement after rehabilitation.
- ☐ (4) Rehabilitation of buildings and improvements of non-residential structures, including commercial, industrial, and public buildings when:
  - a. The facilities and improvements are in place and will not be changed in size or capacity by more than 20 percent; and
  - b. The activity does not involve a change in land use, such as from non-residential to residential, commercial to industrial, or from one industrial use to another
- ☐ (5) Rehabilitation and improvements of a building for residential use (with one to four units), the density is not increased beyond four units, the land use is not changed, and the footprint of the building is not increased in a floodplain or in a wetland
- ☐ (6) An individual action on a one- to four-family four dwelling units where there is a maximum of four units on any one site. The units can be four one-unit buildings or one four-unit building or any combination in between.
- ☐ (7) An individual action on a project of five or more housing units developed on scattered sites when the sites are more than 2,000 feet apart and there are not more than four units on any one site.
- ☐ (8) Acquisition (including leasing) or disposition of, or equity loans on an existing structure, or acquisition (including leasing) of vacant land provided that the structure or land acquired or disposed of will be retained for the same use.
- ☒ (9) Combination of the above activities.

If there are circumstances that require compliance with any of the Federal laws and authorities cited in [24 CFR §58.5](#) you must complete consultation or mitigation requirements, publish a Notice of Intent to Request Release of Funds and obtain Authority to Use Grant Funds per 24 CFR §[58.70](#) and §[58.71](#) before drawing down funds.

If there are no circumstances that require compliance with any of the Federal laws and authorities cited in [24 CFR §58.5](#) the project converts to Exempt per [24 CFR §58.34\(a\)\(12\)](#); therefore, you do not have to submit a Request for Release of Funds and no further approval from the State is needed before drawing down funds. The recipient remains responsible for carrying out any applicable requirements under [§ 58.6](#) and the Environmental Review Record (ERR) must contain a well organized written record of the process and determinations made under this section.

I hereby certify that the activities selected above comprising CDBG-CV Program Amendment have been reviewed and determined to be categorically excluded per [24 CFR 58.35 \(a\)](#).

David H. Smith Mayor, City of Asheboro  
Responsible Entity Certifying Official Name and Title (Please Print)

\_\_\_\_\_  
Responsible Entity Certifying Official Signature and Date

## COMPLIANCE DOCUMENTATION CHECKLIST [\[24 CFR Part 58.6\]](#)

Responsible Entity Name: City of Asheboro  
Project Name: David and Pauline Jarrell Center City Garden  
Grant Number: 20-V-3510

The Environmental Review Record (ERR) must contain a well organized written record of the process and determinations made under this section.

### [The Flood Disaster Protection Act of 1973](#)

1. Does the project involve acquisition, construction or rehabilitation of structures located in a FEMA-identified Special Flood Hazard Area as designated on a current FEMA Flood Map?

☒ No - Source Documentation: Identify and attach the [FEMA flood map](#) used to make your finding.

☐ Yes – Continue to Question 2.

2. Is the community participating in the National Flood Insurance Program (or has less than one year passed since FEMA notification of Special Flood Hazards)?

☒ Yes - Flood Insurance under the National Flood Insurance Program must be obtained and maintained for the economic life of the project, in the amount of the total project cost. A copy of the flood insurance policy declaration is to be obtained as a condition of the approval of financial assistance to the property owner and must be in file.

☐ No - Federal assistance may not be used in the Special Flood Hazards Area unless the community is participating in the National Flood Insurance Program.

### [The Coastal Barrier Resources Act](#)

1. Is the project located in a coastal barrier resource area?

☒ Not Applicable - Non-Coastal County (attach source documentation)

☐ No – Coastal counties must identify and attach the source documentation:

☐ Yes - **Federal assistance may not be used in such an area.**

### [Runway Clear Zones and Clear Zones](#)

1. Is the project located within 3,000 feet from the end of the runway at a civil airport? Is the project located within 2.5 miles from the end a runway at a military airfield?

☒ No – Attach Source Documentation:

☐ Yes – Continue to Question 2.

2. Does the project involve the sale or acquisition of existing property within a Civil Airport's Runway Clear Zone or a Military Installation's Clear Zone?

☒ No - Attach Source Documentation: (Project complies with [24 CFR 51.303\[a\] \[3\]](#)).

☐ Yes – A disclosure statement must be **provided** to buyer and a copy of the signed disclosure must be maintained in this Environmental Review Record

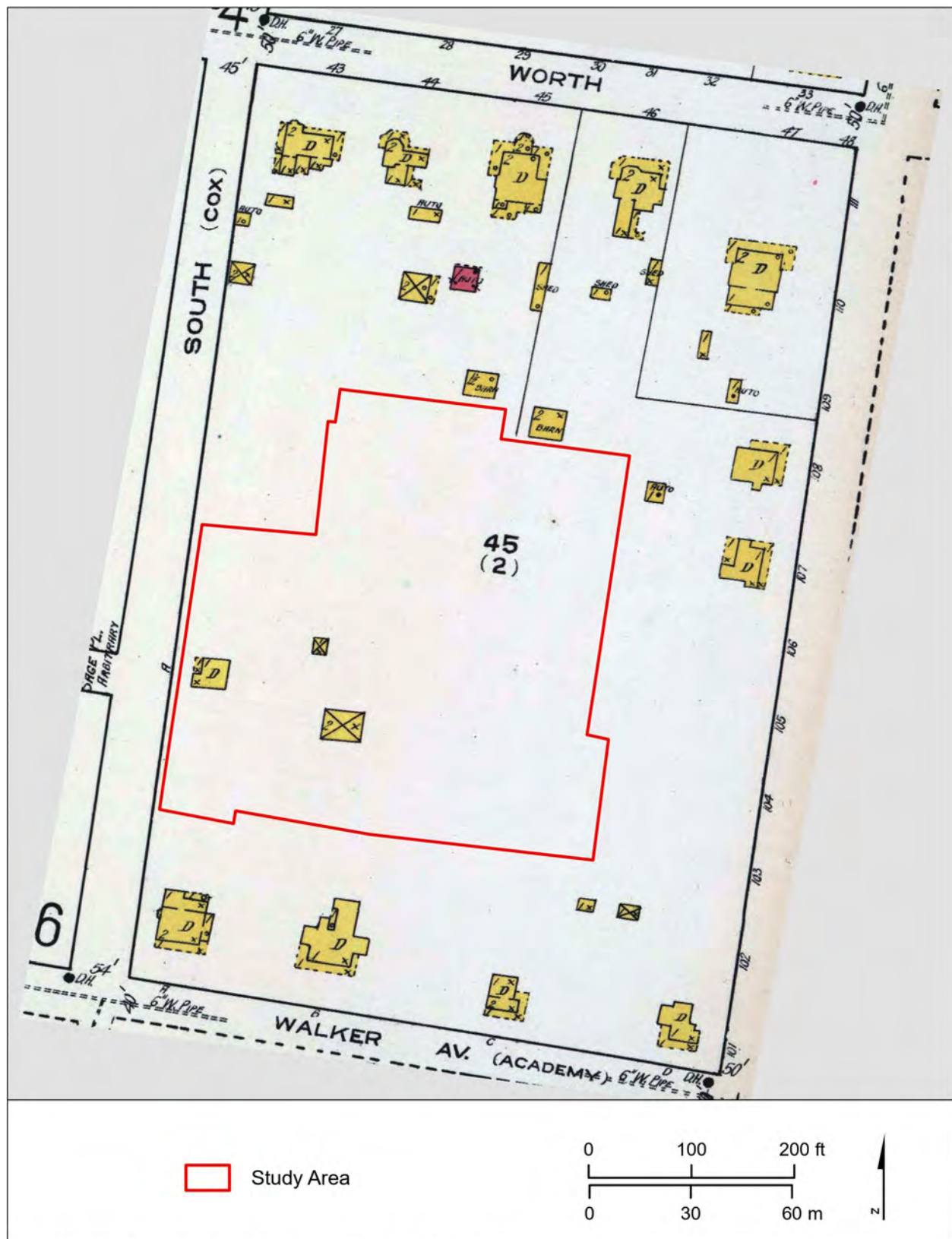
In all cases involving HUD assistance, subsidy, or insurance for the purchase or sale of an existing property in a runway Clear Zone or Clear Zone, the responsible entity shall advise the buyer that the property is in a runway clear zone or clear zone, what the implications of such a location are, and that there is a possibility that the property may, at later date, be acquired by the airport. The buyer must sign a statement acknowledging receipt of this information.

David H. Smith Mayor, City of Asheboro  
Responsible Entity Certifying Official Name and Title (Please Print)

\_\_\_\_\_  
Responsible Entity Certifying Official Signature and Date

Figure 4.

The Study Area as Depicted on the 1922 Sanborn Fire Insurance Map of Asheboro, North Carolina



Georeferenced Basemap: Sanborn Map Company (1922)



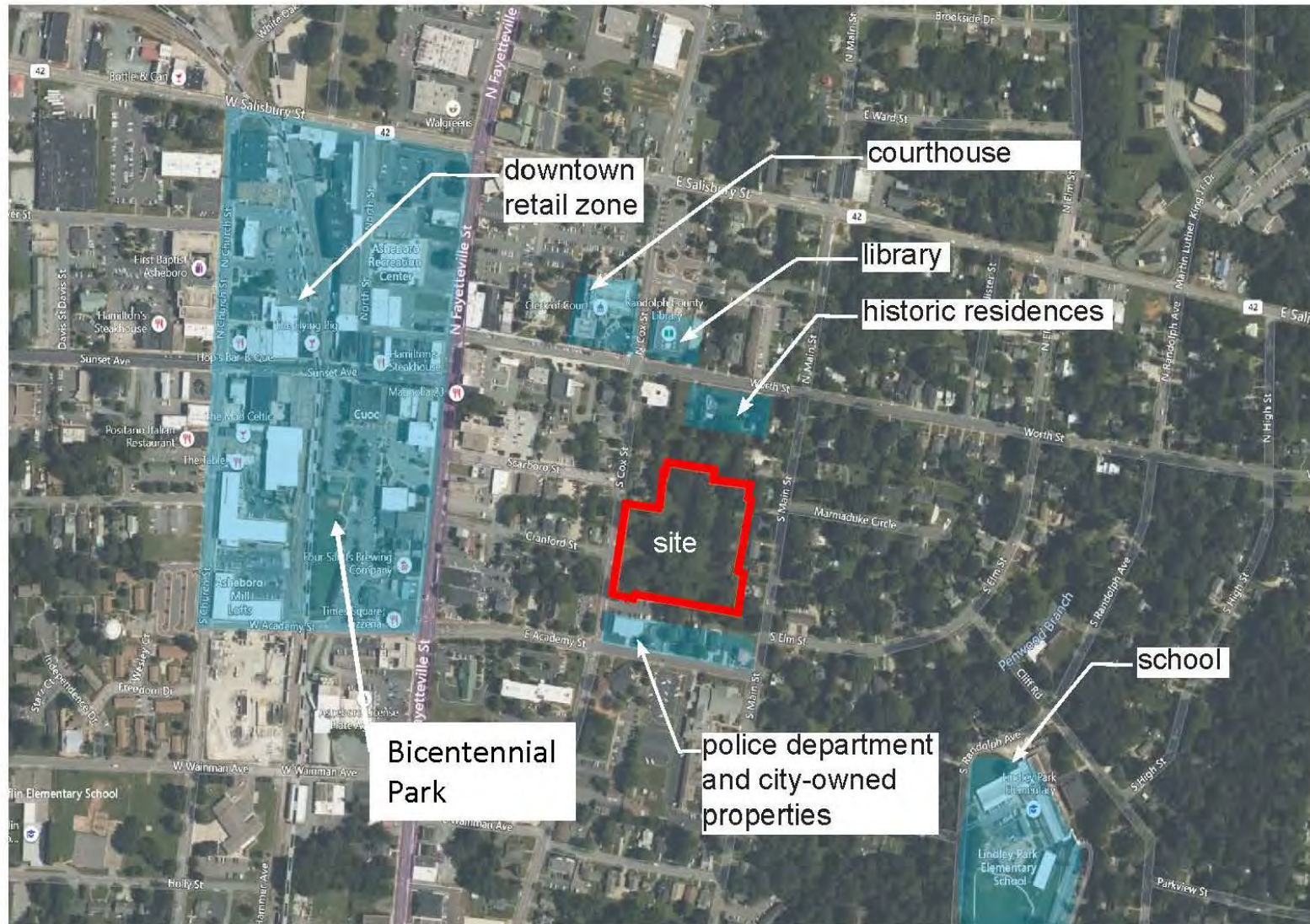
# **The David and Pauline Jarrell Center City Garden - UPDATE**

City Council Meeting

February 24, 2023

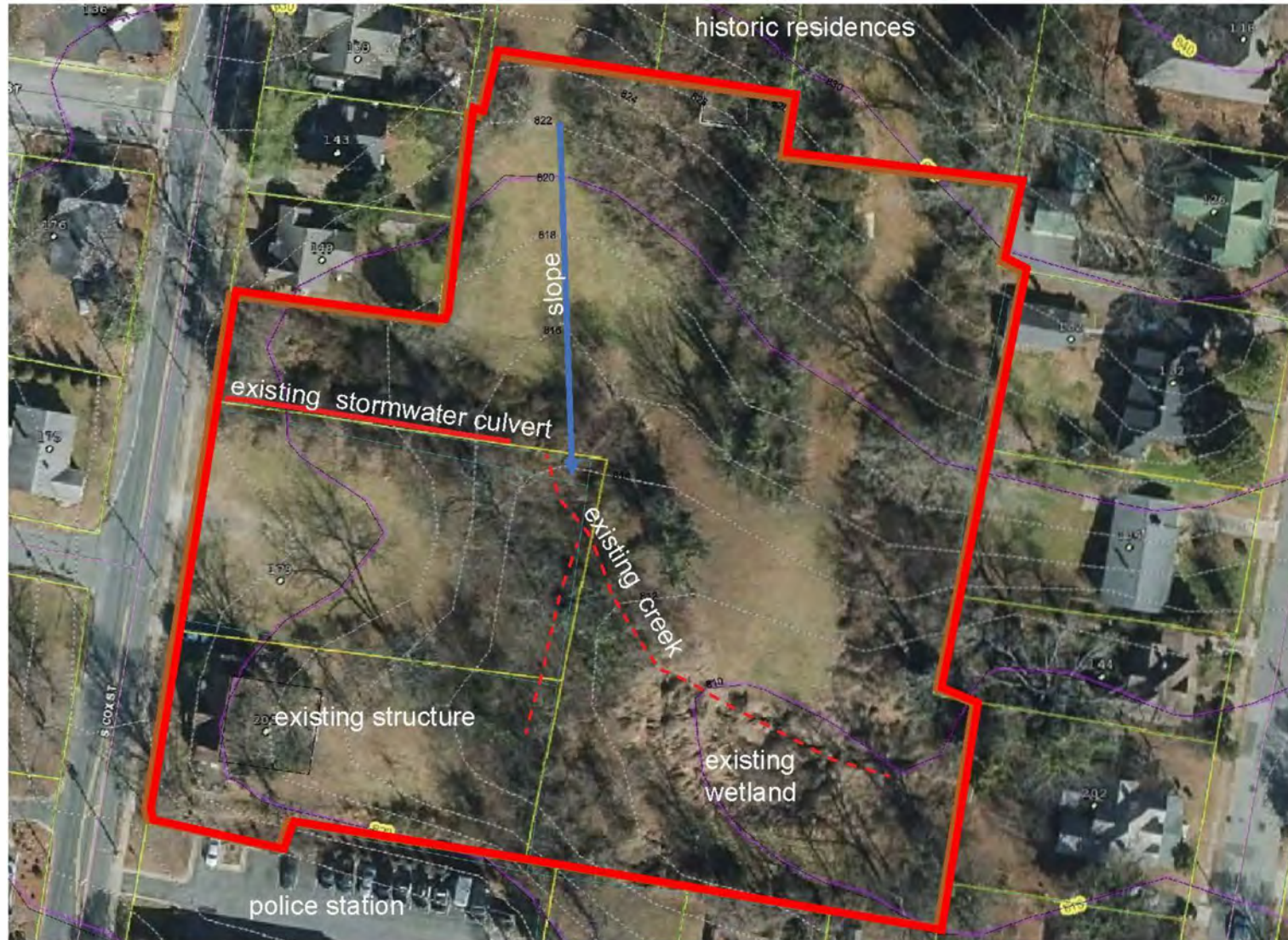


# Site Vicinity / Location



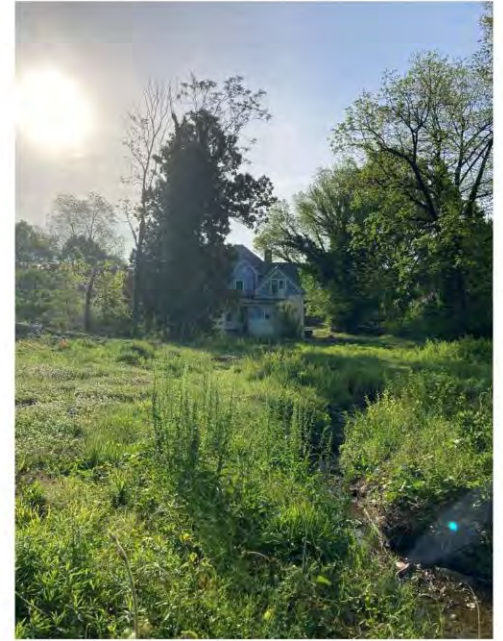


# Existing Site





# Existing Site Photos





# Existing Site Photos





# Programming for Site: Stakeholder Mtg 1

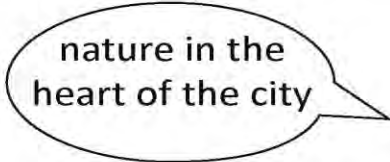
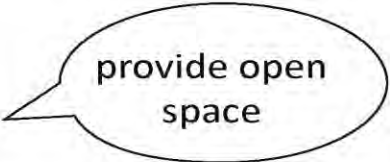
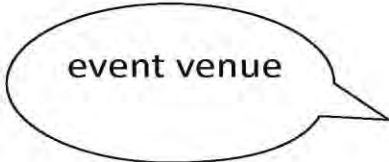
April 2021

- Bird and wildlife attracting plants
- Fragrant plants
- Different Gardens: apiary, bog, butterfly, rose, shade
- ADA path system
- Places to sit
- Water features
- Gazebo or pavilion – possible small wedding venue
- Parking for approx. 24-30
- Restrooms, hydration stations, emergency call box
- Power for events and possible holiday light show
- Lighting for safety, path, parking
- Water for drinking and irrigation
- Potentially use existing home onsite for visitor center
- Be mindful of the wetlands on site.



# Guiding Philosophy & User Experience...

what we heard at the 1<sup>st</sup> meeting

|                                                                                                            |                                                                                                                       |                                                                                                                        |
|------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|
|  attraction for<br>locals |  attract new<br>residents          |  nature in the<br>heart of the city |
|  outdoor<br>classroom     |  provide open<br>space             |  attraction for<br>tourists         |
|  community asset        |  celebrate the<br>site's history |  event venue                      |

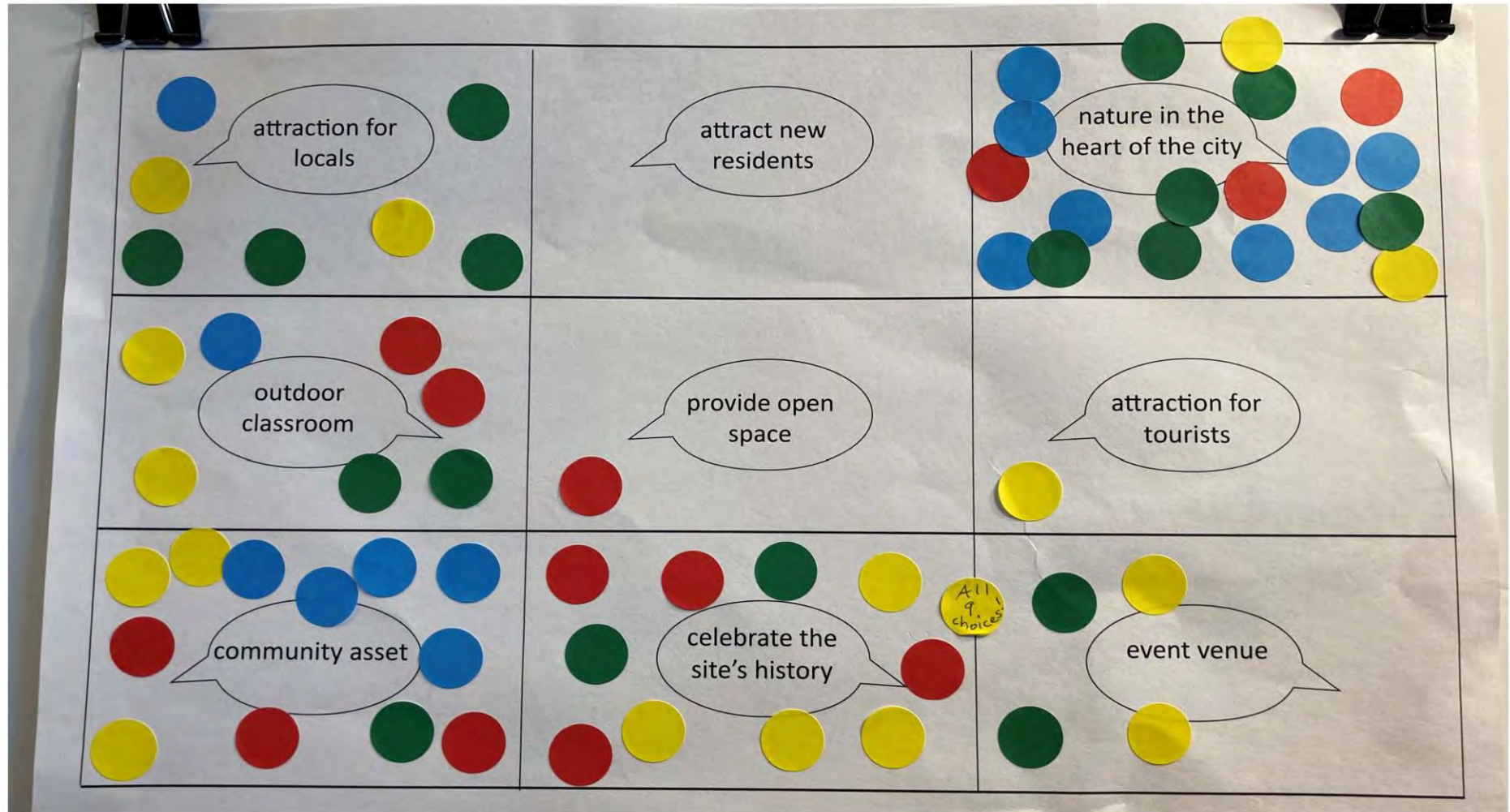


# Guiding Philosophy & User Experience...

what we heard at the 2<sup>nd</sup> meeting

Top 3:

- Nature in the heart of the city
- Community Asset
- Celebrate/Honor the site's history





# Initial Diagrams





# Early Options









# Proposed Master Plan





# Arrival



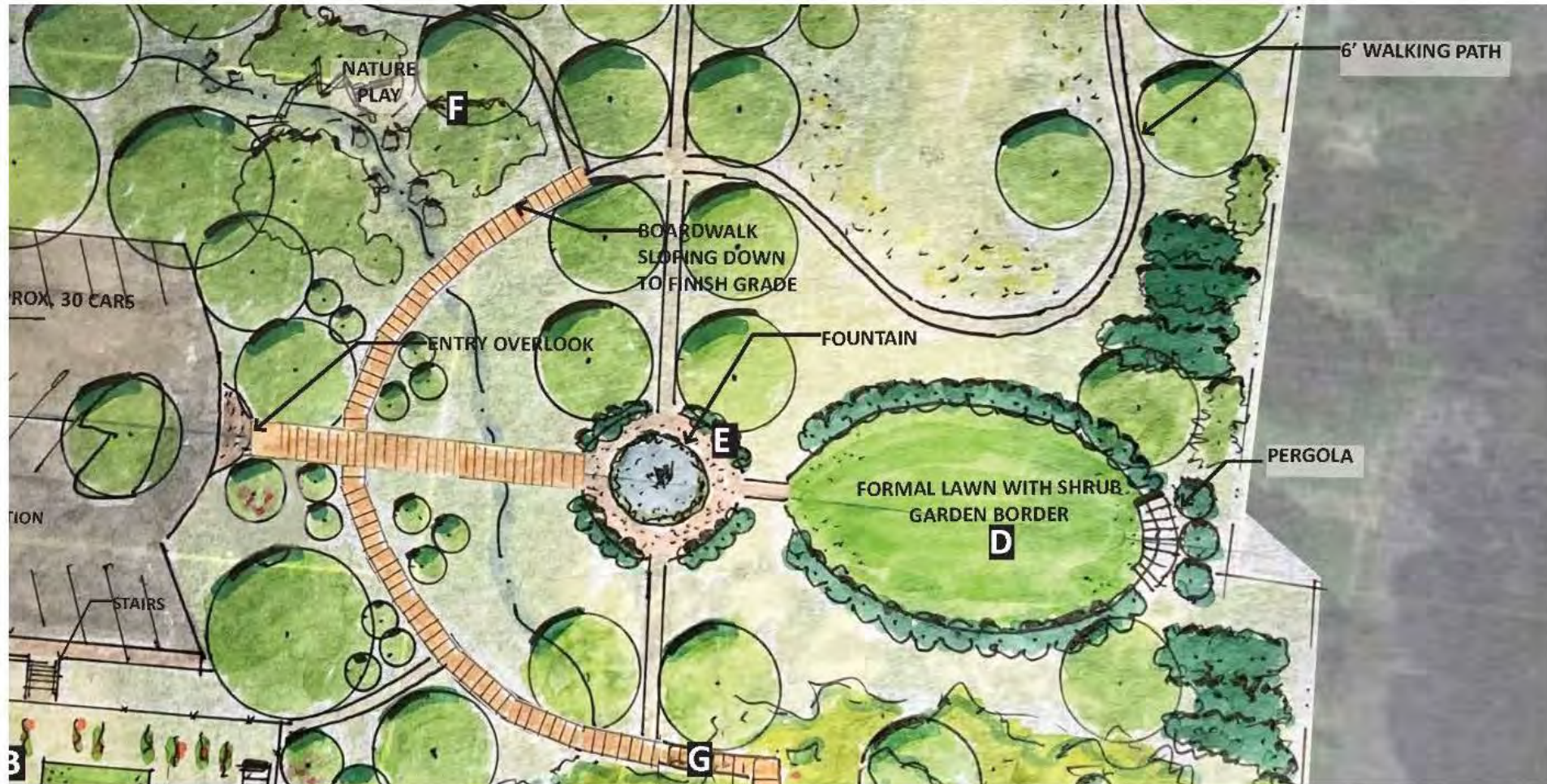


# Wetlands & Boardwalk





# Formal Lawn, Walkway & Fountain





# Flowering Shrub Garden & Meadow





# Woodland Walk & Nature Play





# Input on Concept: Public Mtg 3

February 23, 2023

- Can't wait! When will it be here?
- Please include native plants.
- Lots of interest in helping to create and maintain.
- How will restrooms be maintained and kept safe?
- Include bioretention.
- Is that too much parking? Is that not enough parking?
- Important to acquire easements to Worth Street and Main Street for pedestrian connections.
- Keep the existing house for the visitor's center if feasible.
- Education for school groups is important (ecological and cultural).
- Could a dog park be included?
- Any new construction should "fit" in the surroundings.
- No concessions.

**VOTE! - How would you like to use this building?**

**PREFERRED PROGRAM USES: (VOTE ON AS MANY YOU LIKE)**

- classrooms for field trips
- educational center (i.e. museum)
- environmental programming
- restrooms
- concessions/cafe
- rentable venue for events
- large room for meetings
- storage for gardening supplies, etc.
- city staff offices
- other...

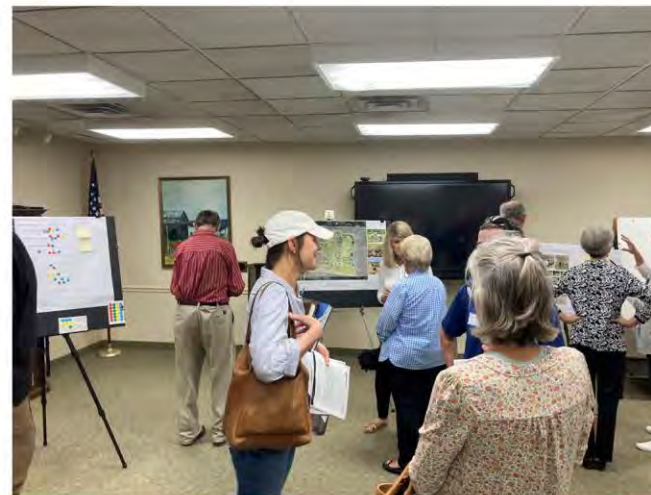
**ADDITIONAL THOUGHTS/PREFERENCES (PLACE STICKY NOTES HERE)**

Day Park

Washington Street Park

South Cox Street  
Asheboro, NC  
February 2023

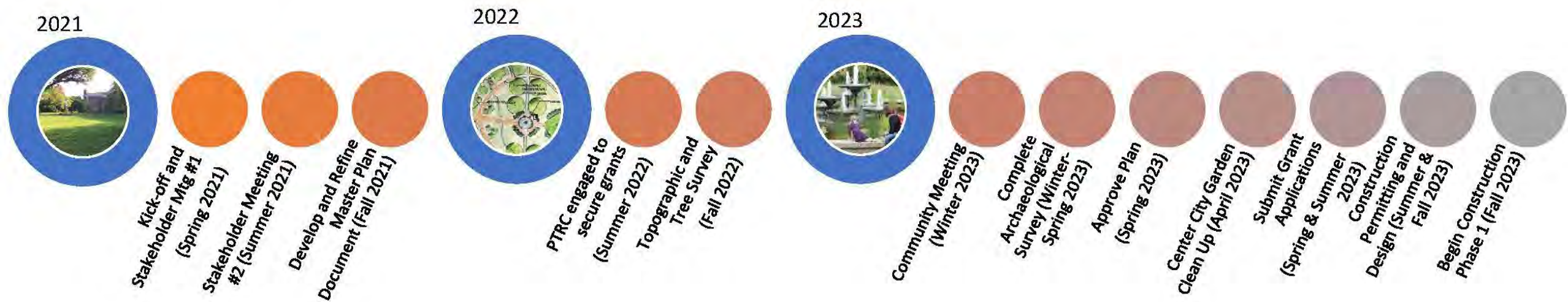
**POTENTIAL VISITOR'S CENTER**  
The David & Pauline Jarrell Center City Garden





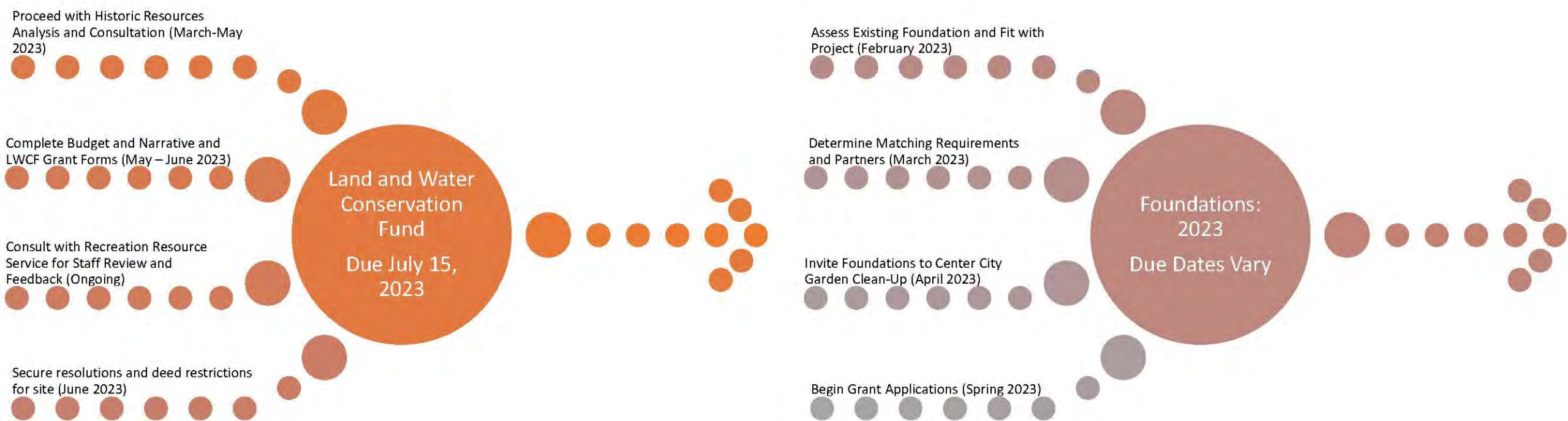
# Schedule/Timeline

## MASTER PLANNING & DESIGN PROCESS



# Schedule/Timeline

## GRANT FUNDING PROCESS





## Next steps:

- Archaeological Study: Spring 2023
- Wetland Delineation: Spring 2023
- City Council approve Masterplan: Spring - Summer 2023
- Grant submittal process: Spring – Summer 2023
- Permit and Construction Docs: Summer – Fall 2023

*Any Additional Questions?*

## City of Asheboro Garden Project

Source: City of Asheboro's Planning Director Justin Luck

### 14. Planning and Zoning

- a. Is the project in compliance or conformance with local zoning?

☒ Yes    ☐ No    Explain:

The proposed site plan has gone through the zoning compliance permit review process and is eligible for a zoning permit

- b. Is the proposal consistent or compatible with completed components of the local or regional comprehensive plan? ☒ Yes    ☐ No    Explain:

The proposed project is consistent and compatible with multiple goals of the Asheboro Land Development Plan, including:

Goal 4.1: Identification and protection of environmentally sensitive areas

Goal 4.2: Environmental impact mitigation and education

Goal 4.3: Opportunities for citizens to responsibly enjoy the natural environment

Policy 4.3.1: The City will aid the Parks and Recreation Department in establishing opportunities for additional recreational facilities (parks, greenways, and trails) implementing the Parks and Recreation Master Plan, and obtaining state and federal funding.

The Garden property and surrounding area is designated by the Asheboro Land Development Plan as an "Activity Center," which encourages a wide variety of complementary uses and neighborhood amenities including parks and walking trails.

- c. Are there any unresolved conflicts concerning the use of the site?

☐ Yes    ☒ No    Explain:

- d. Does the project require mitigation in regards to local zoning?

☐ Yes    ☒ No

- e. **Comments and Source Documentation:** The Garden project plan aligns with the adopted Master Plan for the facility. The adopted Master Plan, as well as the Asheboro Land Development Plan, may be accessed at [asheboronc.gov](http://asheboronc.gov). Source: City of Asheboro's Planning Director Justin Luck



**From:** [Trevor Nuttall](#)  
**To:** [JoAnna McDonald](#)  
**Cc:** [JoAnna McDonald](#); [Justin Luck](#)  
**Subject:** FW: planning and zoning  
**Date:** Monday, June 2, 2025 1:36:36 PM  
**Attachments:** [image002.png](#)  
[City of Asheboro Garden Project Zoning jl.docx](#)

---

JoAnna:

The City's Planning and Zoning Director has completed the attached. He has referred to specific goals and objectives from the city's adopted land use plan and provided source references. Please let us know if more detail is necessary.

---

**From:** Justin Luck <[jluck@ci.asheboro.nc.us](mailto:jluck@ci.asheboro.nc.us)>  
**Sent:** Monday, June 2, 2025 10:08 AM  
**To:** Trevor Nuttall <[tnuttall@ci.asheboro.nc.us](mailto:tnuttall@ci.asheboro.nc.us)>  
**Subject:** RE: planning and zoning

See if this info is sufficient.

-----  
Justin T. Luck, AICP  
*Planning & Zoning Director*  
**Planning & Zoning Dept.**  
336-626-1201 x 2392  
[www.asheboronc.gov](http://www.asheboronc.gov)



*Email correspondence to and from this sender is subject to the North Carolina Public Records Law and may be disclosed to third parties.*

---

**From:** Trevor Nuttall <[tnuttall@ci.asheboro.nc.us](mailto:tnuttall@ci.asheboro.nc.us)>  
**Sent:** Wednesday, May 28, 2025 4:46 PM  
**To:** Justin Luck <[jluck@ci.asheboro.nc.us](mailto:jluck@ci.asheboro.nc.us)>  
**Subject:** FW: planning and zoning

Justin:

Prior to June 5, would you mind preparing a brief response to the attached? This is for the pending ERR and our quest for CDBG funds – it doesn't have to be extensive but if you can reference the LDP and a few policies/objectives or narrative that lend support to the project that would be helpful. You can also mention that project plans have been reviewed locally and permits are ready to be issued for the project. I'd also mention that the project plan aligns with the adopted Master Plan for the facility. I'd do it but it technically needs to come from someone other than me since my name is elsewhere on the documentation. Next week is fine.

---

**From:** JoAnna McDonald <[jmcdonald@consultinsight.com](mailto:jmcdonald@consultinsight.com)>

**Sent:** Wednesday, May 28, 2025 4:08 PM

**To:** Trevor Nuttall <[tnuttall@ci.asheboro.nc.us](mailto:tnuttall@ci.asheboro.nc.us)>

**Subject:** [External Sender] planning and zoning

Hi Trevor – Part 14 Planning and Zoning of the ERR is a section REDD asks the Applicant to complete. If you need to correct or add anything go ahead.

I don't need this returned until next week, June 5. We are getting through this ERR.

**JoAnna McDonald, Ph.D.**

**Environmental Advisor | SOI Qualified**

☐ [910.392.0060](tel:910.392.0060) ☐ 910.622.9852

☐ [jmcdonald@consultinsight.com](mailto:jmcdonald@consultinsight.com)

☐ [5030 New Centre Drive, Suite A, Wilmington NC 28403](#)





# Zoning - November 7, 2024

## Zoning

- A
- A (CZ)
- B1
- B1 (CZ)
- B2
- B2 (CZ)
- B3
- B3 (CZ)
- I1
- I1 (CZ)
- I2
- I2 (CZ)
- I3
- I3 (CZ)
- M
- M (CZ)
- O&I
- O&I (CZ)
- OA6
- OA6 (CZ)
- R10
- R10 (CZ)
- R15
- R15 (CZ)
- R40
- R40 (CZ)
- R7.5
- R7.5 (CZ)
- RA6
- RA6 (CZ)
- TH
- TH (CZ)
- City Limits
- ETJ

## 2024 Amendments

| Case     | Old Zoning    | New Zoning | Amendment Date |
|----------|---------------|------------|----------------|
| RZ-23-21 | OA6           | B3         | 1/11/2024      |
| RZ-24-01 | R10/B1        | R10 (CZ)   | 2/8/2024       |
| RZ-24-02 | RA6 (CZ)      | RA6 (CZ)   | 3/7/2024       |
| RZ-24-03 | R10           | R7.5       | 4/4/2024       |
| RZ-24-04 | OA6 (CZ)      | OA6 (CZ)   | 4/4/2024       |
| RZ-24-06 | B2            | I1 (CZ)    | 4/4/2024       |
| RZ-24-07 | B2/I1/R10     | R15        | 5/9/2024       |
| RZ-24-08 | R7.5          | B2         | 5/9/2024       |
| RZ-24-09 | I2            | M          | 7/11/2024      |
| RZ-24-10 | R10           | O&I        | 8/8/2024       |
| RZ-24-11 | R10,R15&R40   | R7.5 (CZ)  | 8/8/2024       |
| RZ-24-12 | B2 (CZ)       | B2 (CZ)    | 9/5/2024       |
| RZ-24-14 | R10           | R7.5 (CZ)  | 9/5/2024       |
| RZ-24-15 | B2 (CZ)       | B2 (CZ)    | 9/5/2024       |
| RZ-24-16 | OA6 (CZ)/M    | OA6 (CZ)   | 9/5/2024       |
| RZ-24-13 | COUNTY RA/EI  | TH/R40     | 10/10/2024     |
| RZ-24-17 | OA6           | R7.5       | 10/10/2024     |
| RZ-24-18 | R40           | R40 (CZ)   | 10/10/2024     |
| RZ-24-19 | R10           | I2         | 11/7/2024      |
| RZ-24-20 | RA6 (CZ)/R7.5 | RA6 (CZ)   | 11/7/2024      |
| RZ-24-21 | R15 (CZ)      | R15        | 11/7/2024      |

Note: The effective date is the same as the amendment date unless otherwise noted.



Project Site  
Approx 205 S.  
Cox St



https://gis.randolphcountync.gov/randolphts/

gis.randolphcountync.gov/randolphts/

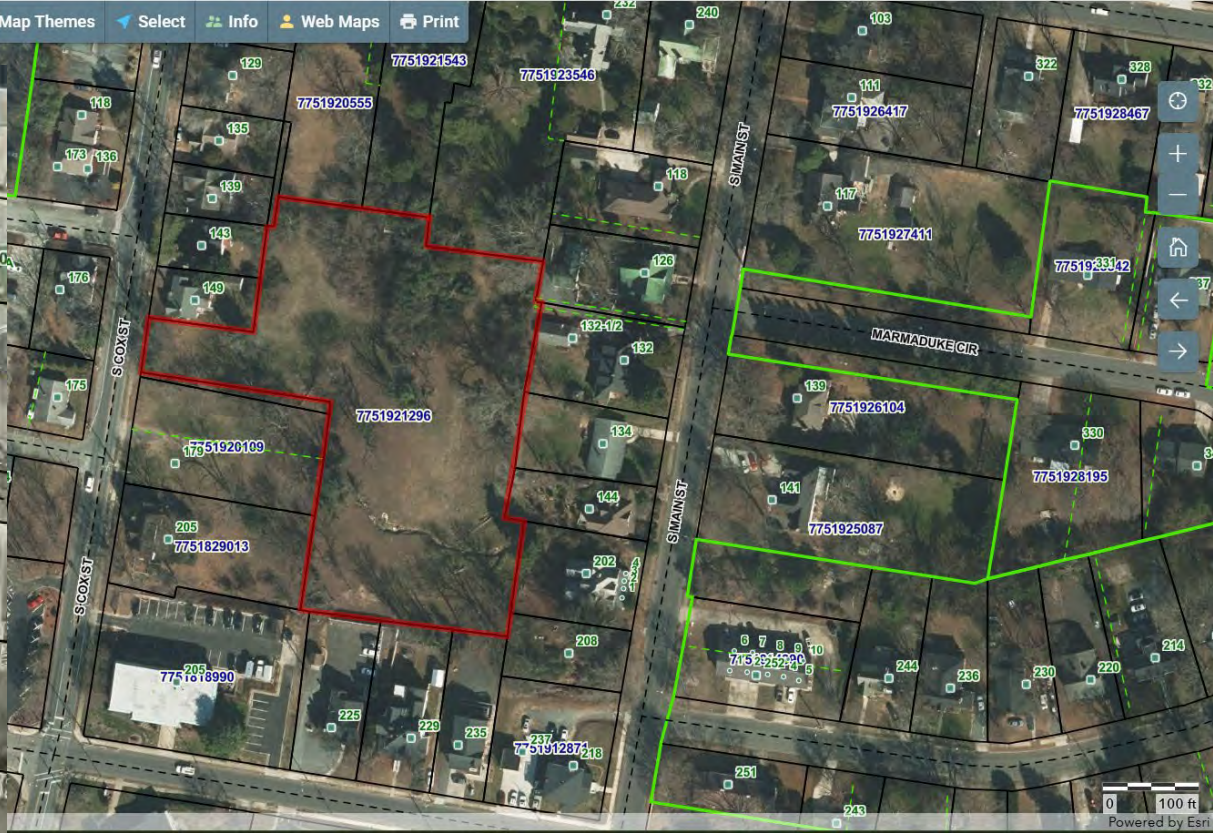
Search Results (1 Parcels)

More Clear

**7751921296**  
44688  
CITY OF ASHEBORO  
No Physical Address

[Community Info](#) [Tax Assessment](#) [Tax Bill](#)  
[Permit Records](#) [Oblique Photos](#) [All Owners](#)  
[All Addresses](#)

|                      |                              |
|----------------------|------------------------------|
| REID                 | 44688                        |
| PIN                  | 7751921296                   |
| TAXED ACREAGE        | 2.54                         |
| PROPERTY DESCRIPTION | COX ST;E                     |
| DEED BOOK & PAGE     | <a href="#">002629/00582</a> |
| PLAT BOOK & PAGE     |                              |
| OWNER                | CITY OF ASHEBORO             |
| OWNER ADDRESS        | PO BOX 1106                  |
| OWNER ADDRESS2       |                              |
| OWNER CITY           | ASHEBORO                     |
| OWNER STATE          | NC                           |
| OWNER ZIP            | 27204                        |
| LOCATION ADDRESS     | No Physical Address          |
| LOCATION ZIP         | No ZIP                       |
| DATA REFRESHED       | 6/1/2025                     |







North Carolina Nonattainment/Maintenance Status for Each County by Year for All Criteria Pollutants

Data is current as of March 31, 2025

Listed by County, NAAQS, Area. The 8-hour Ozone (1997) standard was revoked on April 6, 2015 and the 1-hour Ozone (1979) standard was revoked on June 15, 2005.

\* The 1997 Primary Annual PM-2.5 NAAQS (level of 15 µg/m³) is revoked in attainment and maintenance areas for that NAAQS. For additional information see the PM-2.5 NAAQS SIP Requirements Final Rule, effective October 24, 2016. (81 FR 58009)

Change the State:

NORTH CAROLINA

▼

GO

Important NotesDownload National Dataset: dbf | xls | Data dictionary (PDF)

| County           | NAAQS                             | Area Name                               | Nonattainment in Year | Redesignation to Maintenance | Classification      | Whole or/ Part County | Population (2010) | State/County FIPS Codes |
|------------------|-----------------------------------|-----------------------------------------|-----------------------|------------------------------|---------------------|-----------------------|-------------------|-------------------------|
| NORTH CAROLINA   |                                   |                                         |                       |                              |                     |                       |                   |                         |
| Cabarrus County  | 8-Hour Ozone (1997)-NAAQS revoked | Charlotte-Gastonia-Rock Hill, NC-SC     | 04050607080910111213  | 01/02/2014                   | Moderate            | Whole                 | 178,011           | 37/025                  |
| Cabarrus County  | 8-Hour Ozone (2008)               | Charlotte-Rock Hill, NC-SC              | 121314                | 08/27/2015                   | Marginal            | Part                  | 176,928           | 37/025                  |
| Catawba County   | PM-2.5 (1997)-NAAQS revoked       | Hickory-Morganton-Lenoir, NC            | 050607080910          | 12/19/2011 *                 | Former Subpart 1    | Whole                 | 154,358           | 37/035                  |
| Chatham County   | 8-Hour Ozone (1997)-NAAQS revoked | Raleigh-Durham-Chapel Hill, NC          | 040506                | 12/26/2007                   | Former Subpart 1    | Part                  | 32,372            | 37/037                  |
| Davidson County  | 1-Hour Ozone (1979)-NAAQS revoked | Greensboro-Winston-Salem-High Point, NC | 92                    | 11/08/1993                   | Moderate            | Whole                 | 162,878           | 37/057                  |
| Davidson County  | PM-2.5 (1997)-NAAQS revoked       | Greensboro-Winston Salem-High Point, NC | 050607080910          | 12/19/2011 *                 | Former Subpart 1    | Whole                 | 162,878           | 37/057                  |
| Davie County     | 1-Hour Ozone (1979)-NAAQS revoked | Greensboro-Winston-Salem-High Point, NC | 92                    | 11/08/1993                   | Moderate            | Part                  | 1                 | 37/059                  |
| Durham County    | 1-Hour Ozone (1979)-NAAQS revoked | Raleigh-Durham, NC                      | 9293                  | 06/17/1994                   | Moderate            | Whole                 | 267,587           | 37/063                  |
| Durham County    | 8-Hour Ozone (1997)-NAAQS revoked | Raleigh-Durham-Chapel Hill, NC          | 040506                | 12/26/2007                   | Former Subpart 1    | Whole                 | 267,587           | 37/063                  |
| Durham County    | Carbon Monoxide (1971)            | Raleigh-Durham, NC                      | 929394                | 09/18/1995                   | Moderate <= 12.7ppm | Whole                 | 267,587           | 37/063                  |
| Edgecombe County | 8-Hour Ozone (1997)-NAAQS revoked | Rocky Mount, NC                         | 040506                | 01/05/2007                   | Former Subpart 1    | Whole                 | 56,552            | 37/065                  |
| Forsyth County   | 1-Hour Ozone (1979)-NAAQS revoked | Greensboro-Winston-Salem-High Point, NC | 92                    | 11/08/1993                   | Moderate            | Whole                 | 350,670           | 37/067                  |
| Forsyth County   | Carbon Monoxide (1971)            | Winston-Salem, NC                       | 9293                  | 11/07/1994                   | Moderate <= 12.7ppm | Whole                 | 350,670           | 37/067                  |
| Franklin County  | 8-Hour Ozone (1997)-NAAQS revoked | Raleigh-Durham-Chapel Hill, NC          | 040506                | 12/26/2007                   | Former Subpart 1    | Whole                 | 60,619            | 37/069                  |
| Gaston County    | 1-Hour Ozone (1979)-NAAQS revoked | Charlotte-Gastonia, NC                  | 929394                | 07/05/1995                   | Moderate            | Whole                 | 206,086           | 37/071                  |

| County             | NAAQS                             | Area Name                                       | Nonattainment in Year | Redesignation to Maintenance | Classification   | Whole or/Part County | Population (2010) | State County FIPS Codes |
|--------------------|-----------------------------------|-------------------------------------------------|-----------------------|------------------------------|------------------|----------------------|-------------------|-------------------------|
| Gaston County      | 8-Hour Ozone (1997)-NAAQS revoked | Charlotte-Gastonia-Rock Hill, NC-SC             | 04050607080910111213  | 01/02/2014                   | Moderate         | Whole                | 206,086           | 37/071                  |
| Gaston County      | 8-Hour Ozone (2008)               | Charlotte-Rock Hill, NC-SC                      | 121314                | 08/27/2015                   | Marginal         | Part                 | 190,849           | 37/071                  |
| Granville County   | 1-Hour Ozone (1979)-NAAQS revoked | Raleigh-Durham, NC                              | 9293                  | 06/17/1994                   | Moderate         | Part                 | 17,725            | 37/077                  |
| Granville County   | 8-Hour Ozone (1997)-NAAQS revoked | Raleigh-Durham-Chapel Hill, NC                  | 040506                | 12/26/2007                   | Former Subpart 1 | Whole                | 59,916            | 37/077                  |
| Guilford County    | 1-Hour Ozone (1979)-NAAQS revoked | Greensboro-Winston-Salem-High Point, NC         | 92                    | 11/08/1993                   | Moderate         | Whole                | 488,406           | 37/081                  |
| Guilford County    | PM-2.5 (1997)-NAAQS revoked       | Greensboro-Winston Salem-High Point, NC         | 050607080910          | 12/19/2011 *                 | Former Subpart 1 | Whole                | 488,406           | 37/081                  |
| Haywood County     | 8-Hour Ozone (1997)-NAAQS revoked | Haywood and Swain Counties (Great Smoky NP), NC | 040506070809          | 01/06/2010                   | Former Subpart 1 | Part                 | 985               | 37/087                  |
| Iredell County     | 8-Hour Ozone (1997)-NAAQS revoked | Charlotte-Gastonia-Rock Hill, NC-SC             | 04050607080910111213  | 01/02/2014                   | Moderate         | Part                 | 68,089            | 37/097                  |
| Iredell County     | 8-Hour Ozone (2008)               | Charlotte-Rock Hill, NC-SC                      | 121314                | 08/27/2015                   | Marginal         | Part                 | 65,899            | 37/097                  |
| Johnston County    | 8-Hour Ozone (1997)-NAAQS revoked | Raleigh-Durham-Chapel Hill, NC                  | 040506                | 12/26/2007                   | Former Subpart 1 | Whole                | 168,878           | 37/101                  |
| Lincoln County     | 8-Hour Ozone (1997)-NAAQS revoked | Charlotte-Gastonia-Rock Hill, NC-SC             | 04050607080910111213  | 01/02/2014                   | Moderate         | Whole                | 78,265            | 37/109                  |
| Lincoln County     | 8-Hour Ozone (2008)               | Charlotte-Rock Hill, NC-SC                      | 121314                | 08/27/2015                   | Marginal         | Part                 | 64,189            | 37/109                  |
| Mecklenburg County | 1-Hour Ozone (1979)-NAAQS revoked | Charlotte-Gastonia, NC                          | 929394                | 07/05/1995                   | Moderate         | Whole                | 919,628           | 37/119                  |
| Mecklenburg County | 8-Hour Ozone (1997)-NAAQS revoked | Charlotte-Gastonia-Rock Hill, NC-SC             | 04050607080910111213  | 01/02/2014                   | Moderate         | Whole                | 919,628           | 37/119                  |
| Mecklenburg County | 8-Hour Ozone (2008)               | Charlotte-Rock Hill, NC-SC                      | 121314                | 08/27/2015                   | Marginal         | Whole                | 919,628           | 37/119                  |
| Mecklenburg County | Carbon Monoxide (1971)            | Charlotte, NC                                   | 929394                | 09/18/1995                   | Not Classified   | Whole                | 919,628           | 37/119                  |
| Nash County        | 8-Hour Ozone (1997)-NAAQS revoked | Rocky Mount, NC                                 | 040506                | 01/05/2007                   | Former Subpart 1 | Whole                | 95,840            | 37/127                  |
| Orange County      | 8-Hour Ozone (1997)-NAAQS revoked | Raleigh-Durham-Chapel Hill, NC                  | 040506                | 12/26/2007                   | Former Subpart 1 | Whole                | 133,801           | 37/135                  |
| Person County      | 8-Hour Ozone (1997)-NAAQS revoked | Raleigh-Durham-Chapel Hill, NC                  | 040506                | 12/26/2007                   | Former Subpart 1 | Whole                | 39,464            | 37/145                  |
| Rowan County       | 8-Hour Ozone (1997)-NAAQS revoked | Charlotte-Gastonia-Rock Hill, NC-SC             | 04050607080910111213  | 01/02/2014                   | Moderate         | Whole                | 138,428           | 37/159                  |



## Important Notes

### Discover.

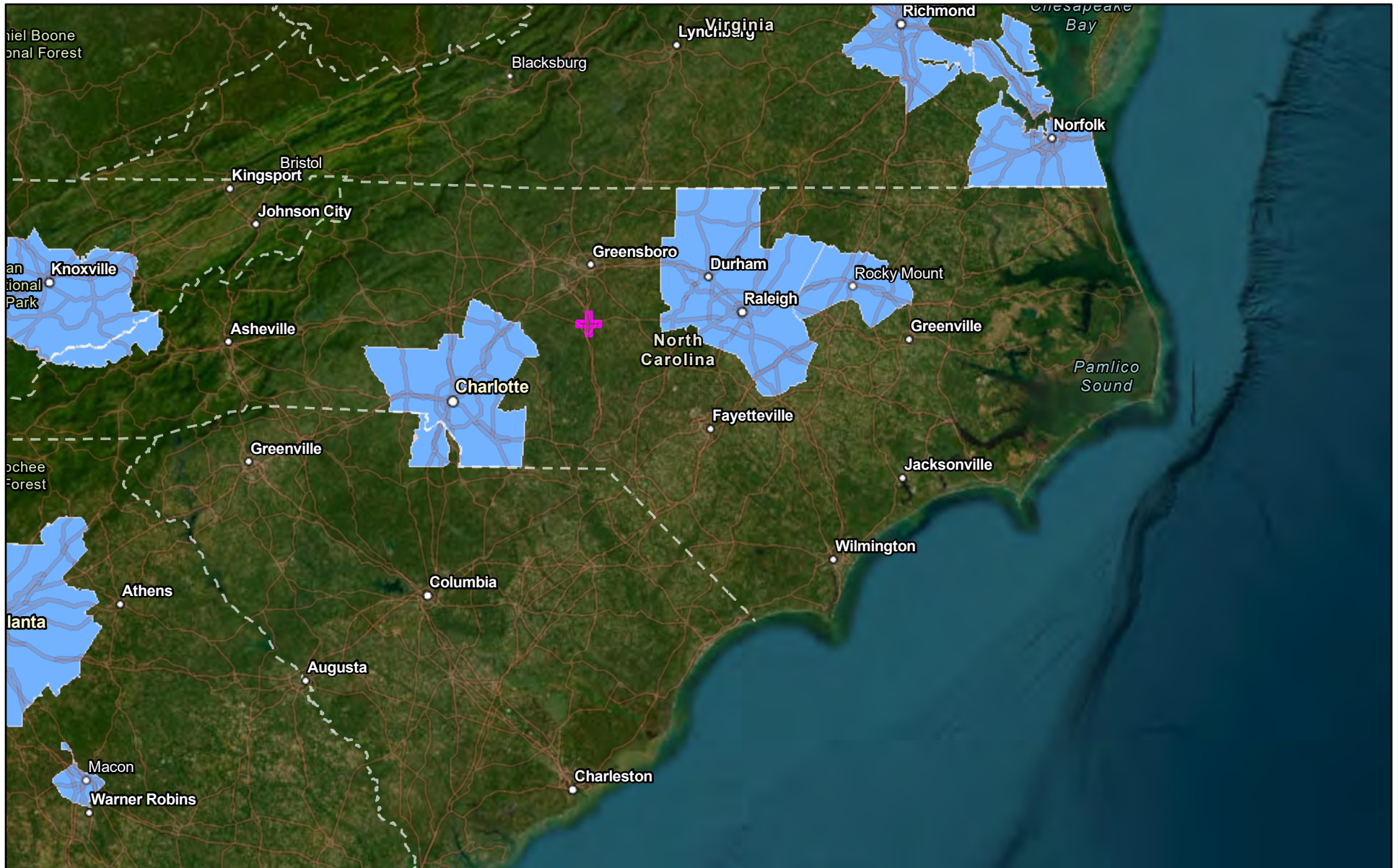
## Connect.

**Ask.**

**Follow.**

2025-03-31

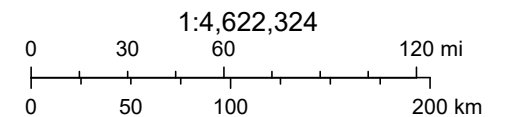
# Ozone 8-hr 2015



April 16, 2025

- + Search Result (point)
- Ozone 8-hr (1997 standard)
- Maintenance (NAAQS revoked)

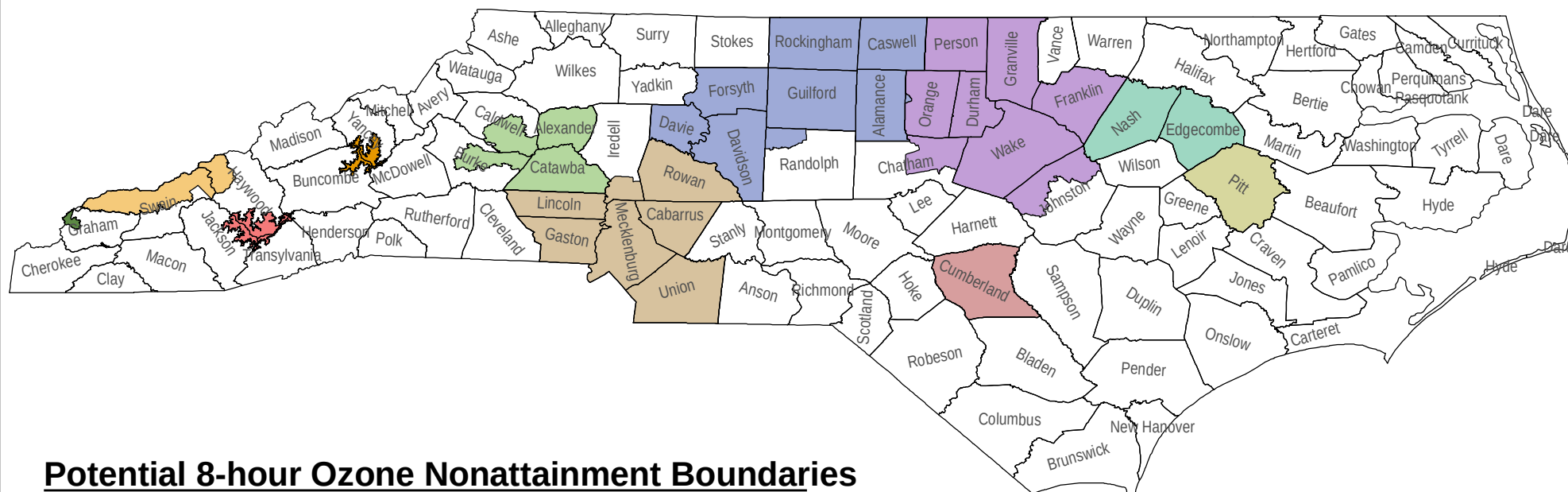
- Ozone 8-hr (2008 standard) Maintenance
- Ozone 8-hr (2015 Standard) Maintenance



Earthstar Geographics, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community, U.S.



# North Carolina's Recommendation On 8-Hour Ozone Nonattainment Area Boundaries



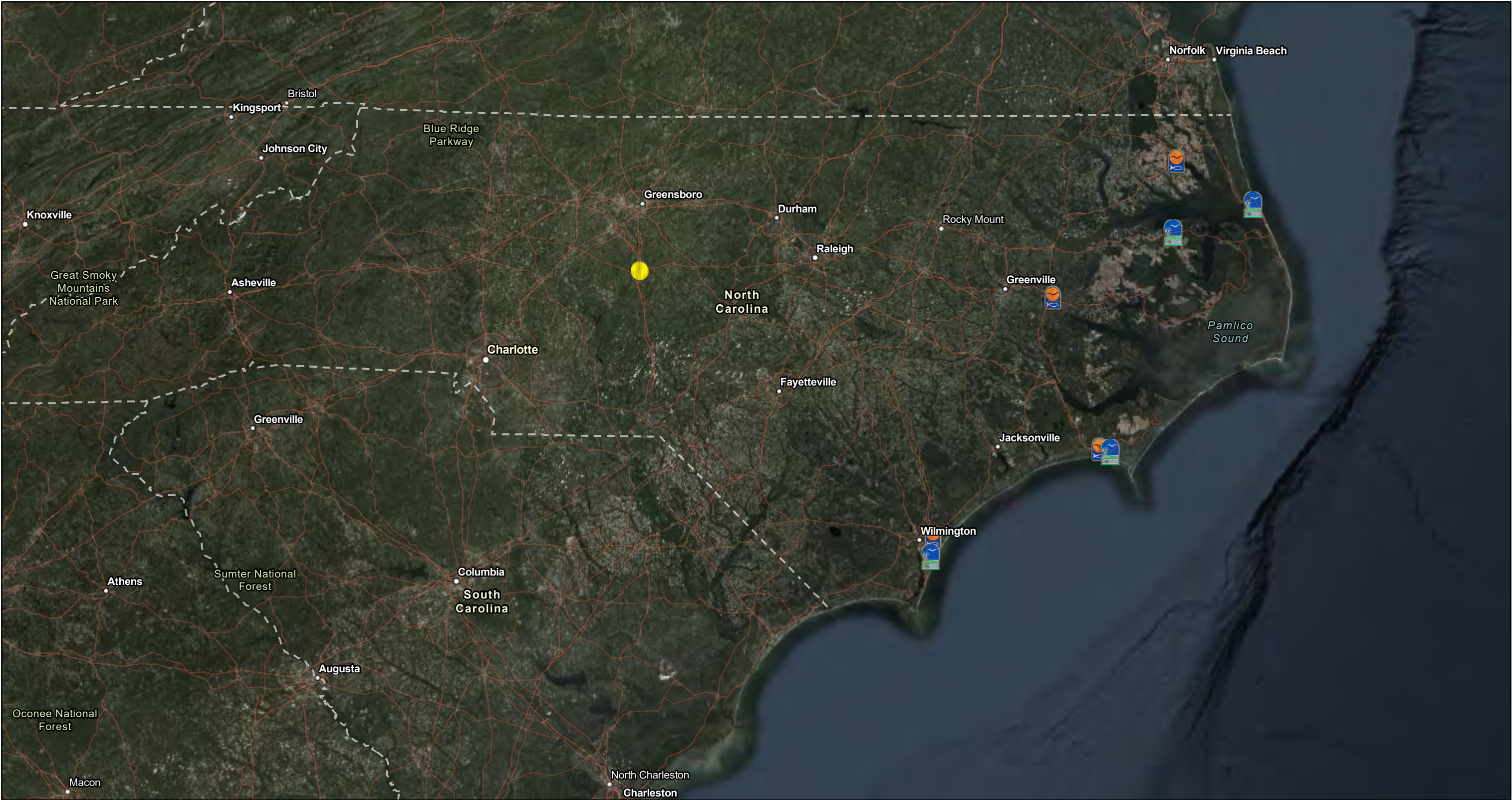
## Potential 8-hour Ozone Nonattainment Boundaries

- Snow Bird Mountains (4000 feet & greater) - Joyce Kilmer-Slickrock Wilderness, Nonattainment
- Great Smoky Mountains National Park, Nonattainment
- Great Balsam Mountains (4000 feet & greater) - Shining Rock Wilderness Area, Nonattainment
- Black Mountains (4000 feet & greater), Nonattainment
- Hickory-Lenoir-Morganton, Nonattainment
- Charlotte-Gastonia-Salisbury, Nonattainment
- Greensboro-Winston-Salem-High Point, Nonattainment
- Raleigh-Durham-Cary, Nonattainment
- Fayetteville, Nonattainment
- Rocky Mount, Nonattainment
- Greenville, Unclassifiable

Map Drawn To Approximate Scale  
North Is Represented As Up  
Map Valid: 03-12-2009



# NC Division of Coastal Management



4/21/2025, 11:11:54 AM

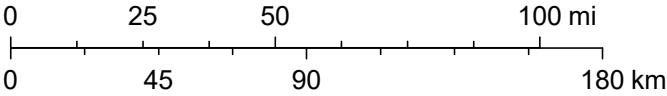
 ArcGIS World Geocoding Service

DCM Office Locations

 DCM

 DCM-NERRS

1:2,803,871



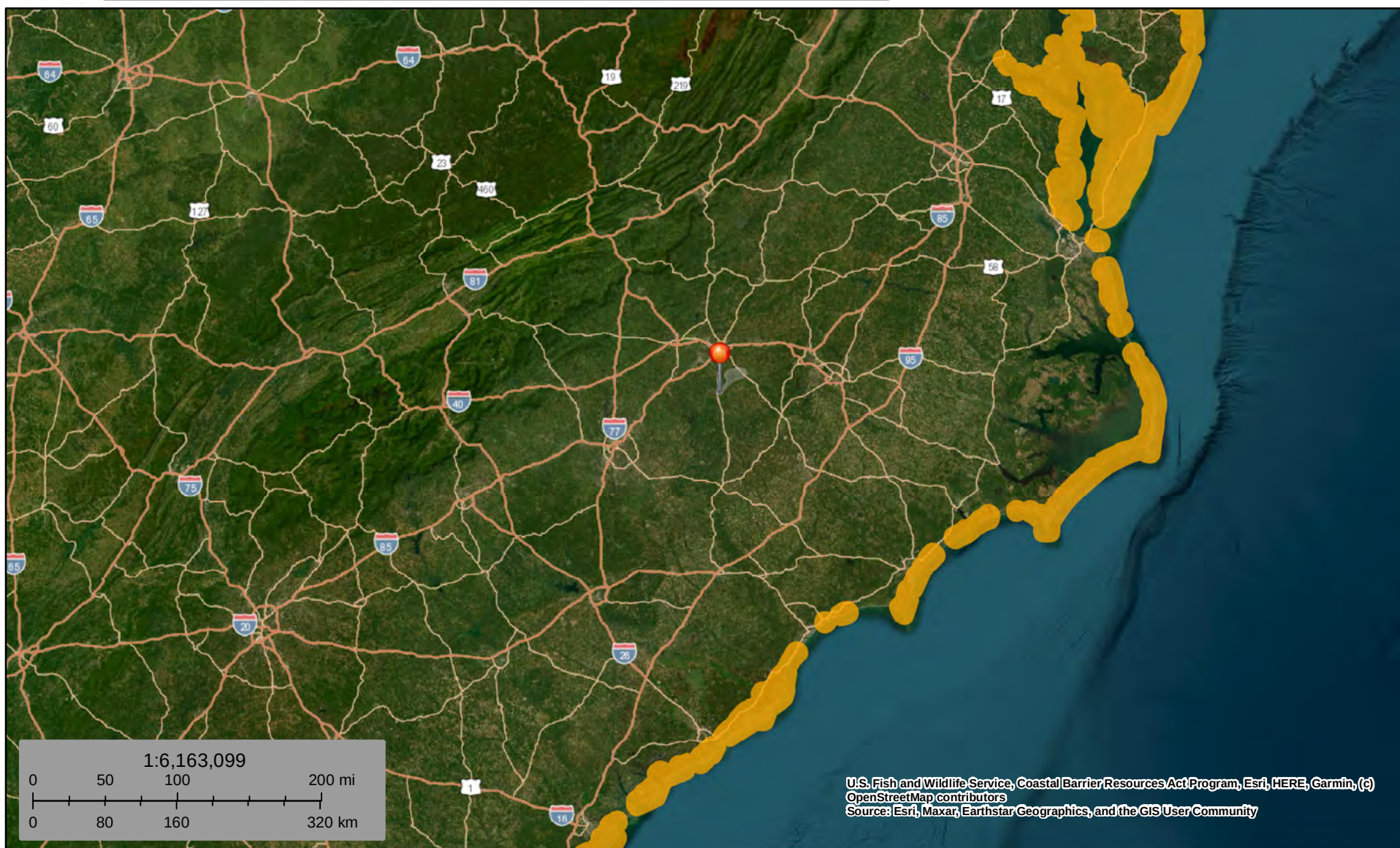
Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community, Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community





# U.S. Fish and Wildlife Service Coastal Barrier Resources System

Asheboro, NC



April 21, 2025

Generalized Units

This map is for general reference only. The Coastal Barrier Resources System (CBRS) boundaries depicted on this map are representations of the controlling CBRS boundaries, which are shown on the official maps, accessible at <https://www.fws.gov/library/collections/official-coastal-barrier-resources-system-maps>. All CBRS related data should be used in accordance with the layer metadata found on the CBRS Mapper website.

The CBRS Buffer Zone represents the area immediately adjacent to the CBRS boundary where users are advised to contact the Service for an official determination (<https://www.fws.gov/service/coastal-barrier-resources-system-property-documentation>) as to whether the property or project site is located "in" or "out" of the CBRS.

CBRS Units normally extend seaward out to the 20- or 30-foot bathymetric contour (depending on the location of the unit). The true seaward

This page was produced by the CBRS Mapper

**From:** [Trevor Nuttall](#)  
**To:** [environmental.review@dncr.nc.gov](mailto:environmental.review@dncr.nc.gov)  
**Cc:** [JoAnna McDonald](#)  
**Subject:** RE: 2020 CDBG-CV surplus funding, program amendment  
**Date:** Thursday, May 1, 2025 4:54:31 PM  
**Attachments:** [image002.png](#)  
[City of Asheboro Section 106 OSA Query Packet.pdf](#)

---

To: Whom It May Concern

RE: 2020 CDBG-CV surplus funding, program amendment

The City of Asheboro is notifying your Office that CDBG-CV funds will be used for this grant.

The city is requesting to consult with your Office on the proposed scope of work and is requesting your concurrence with the determination of No Adverse Effect on Historic Properties:

- The proposed garden project will be on previously disturbed ground. The project is behind one nationally registered structure and several surveyed only historic homes. The project site is not in the Asheboro Downtown Historic District. The garden project will be esthetically pleasing to the neighborhood and add to the city's historic charm. No Adverse Effect on Historic Properties.

Trevor L. Nuttall  
Assistant City Manager  
City of Asheboro  
146 N. Church St.  
Asheboro, NC 27203  
PH: (336) 626-1201 ext. 2323  
<http://www.asheboronc.gov>





## SHPO / OSA Concurrence Query

### **Project Contact Information:**

May 1, 2025

**Name:** Trevor Nuttall, Assistant City Manager

**Grantee:** City of Asheboro

**Address:** 146 N. Church St. P.O. Box 1106

**Phone:** 336-626-1201 x 2323

**Email:** [tnuttall@ci.asheboro.nc.us](mailto:tnuttall@ci.asheboro.nc.us)

**Recipient:** [environmental.review@dncr.nc.gov](mailto:environmental.review@dncr.nc.gov), cc: [renee.gledhill-earley@ncdcr.gov](mailto:renee.gledhill-earley@ncdcr.gov)

| Location Info       |                       |                    |                         |
|---------------------|-----------------------|--------------------|-------------------------|
| NCDCCR ER #:        |                       | Project Title      | Asheboro Garden Project |
|                     |                       | Grant #            | CV Surplus Funding      |
| Place Name:         | City of Asheboro      | City:              | Asheboro                |
| Street Address:     | S. Cox and E. Academy | County:            | Randolph                |
| GPS Location:       | 35.703915, -79.811136 | Other GPS 1:       |                         |
| Other GPS 2:        |                       | Other GPS 3:       |                         |
| Arch./Struct./Both: | Archaeology           | Construction Date: |                         |

### **Project Overview**

The City of Asheboro, Grantee, is using surplus CDBG-CV funds to convert an open space park into a community garden. The project is 3.5 acres on previously disturbed ground. The rehabilitation/modernization activities will include planting bushes and flowers that attract birds and other wildlife. There will be different gardens apiary, soggy ground “bog,” butterfly, rose, and shade. An ADA system will be built. There will be places to sit, water features, a gazebo or pavilion, parking lot, restroom, power for events, lighting, water for drinking and irrigation, and may use the house on site as a visitor center.

The project will be for the purpose of providing a place for citizens to come and relax and enjoy a peaceful garden. It will act as a venue for weddings and other special events. Outdoor classes may also be held.

The proposed garden project will be on previously disturbed ground. An archeology survey was conducted. This area may have been part of the mid-nineteenth century Worth Farm. The survey found no artifacts related to the historic farm. The project is also behind one nationally registered structure and several surveyed only historic homes. The project site is not in the Asheboro Downtown Historic District. The garden project will be esthetically pleasing to the neighborhood and add to the city’s historic charm. No Adverse Effect to Historic Properties.

**Area of Concern:**

The area of concern is located within 0.5-mile radius from the center of the property,

See Maps: Project Location, HPOWEB, Topographical and 0.5 Buffer of Project Site, Existing Site Photos, Proposed Master Plan Diagram, and Abstract from Archeology survey

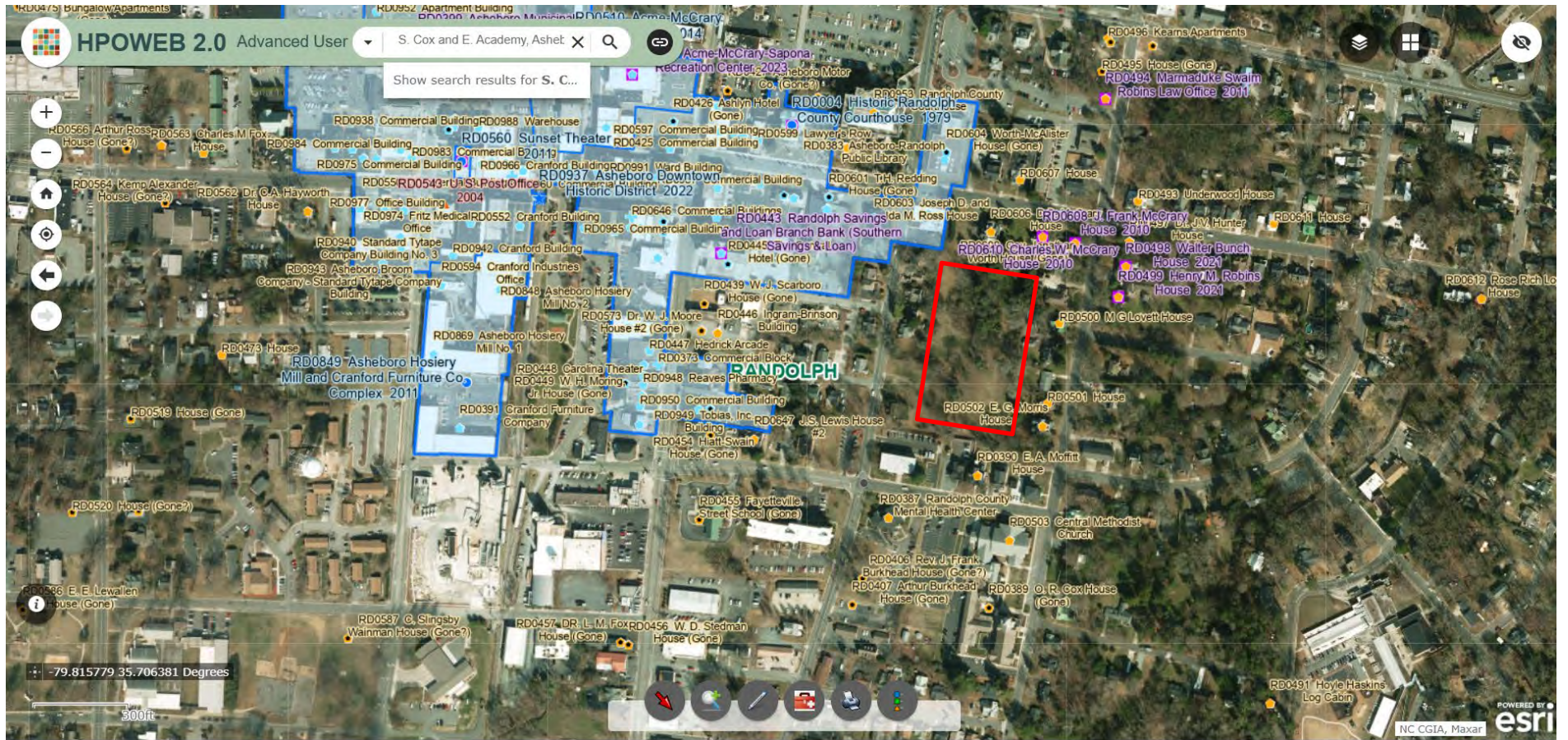


## Project Location Map



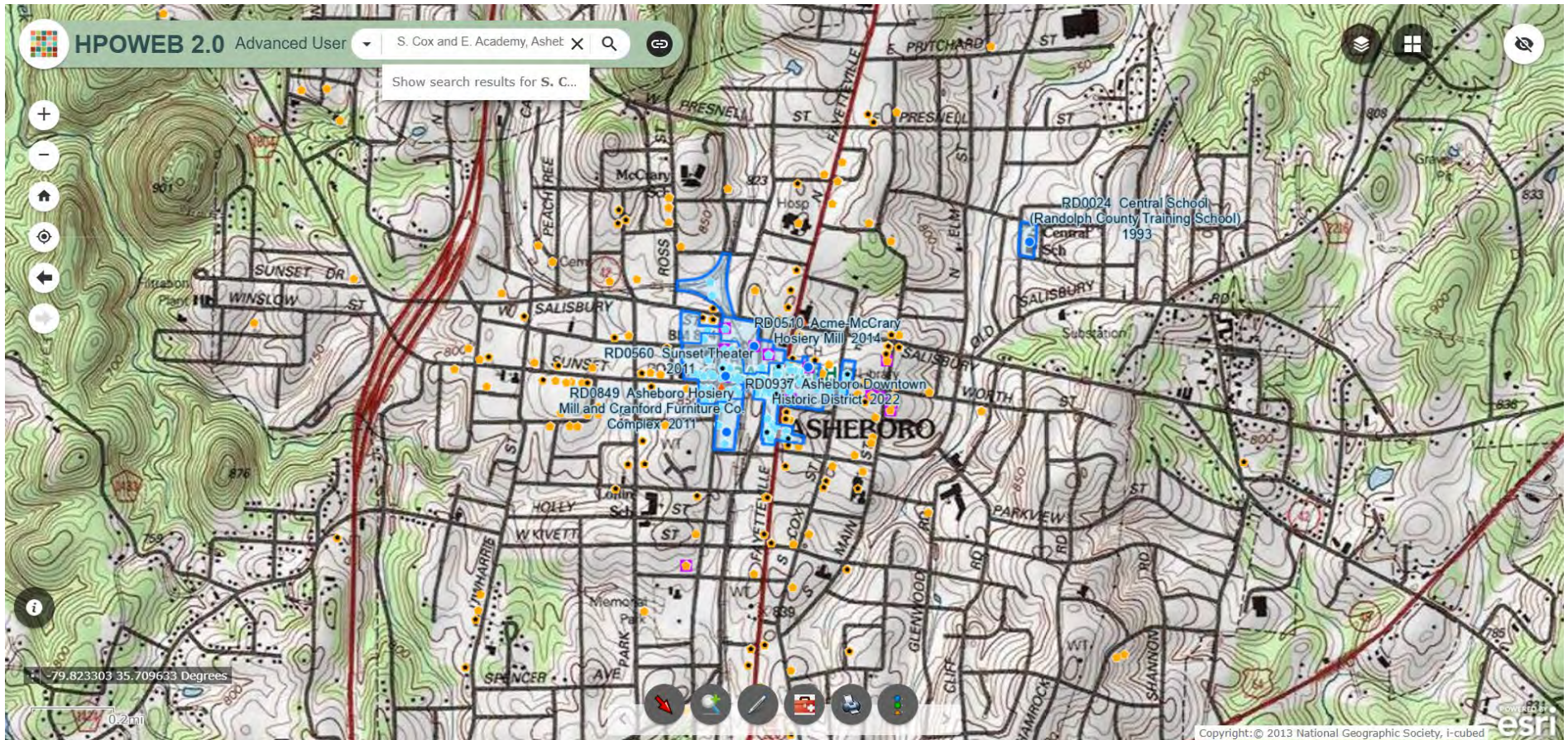


## HPOWEB 2.0 Map



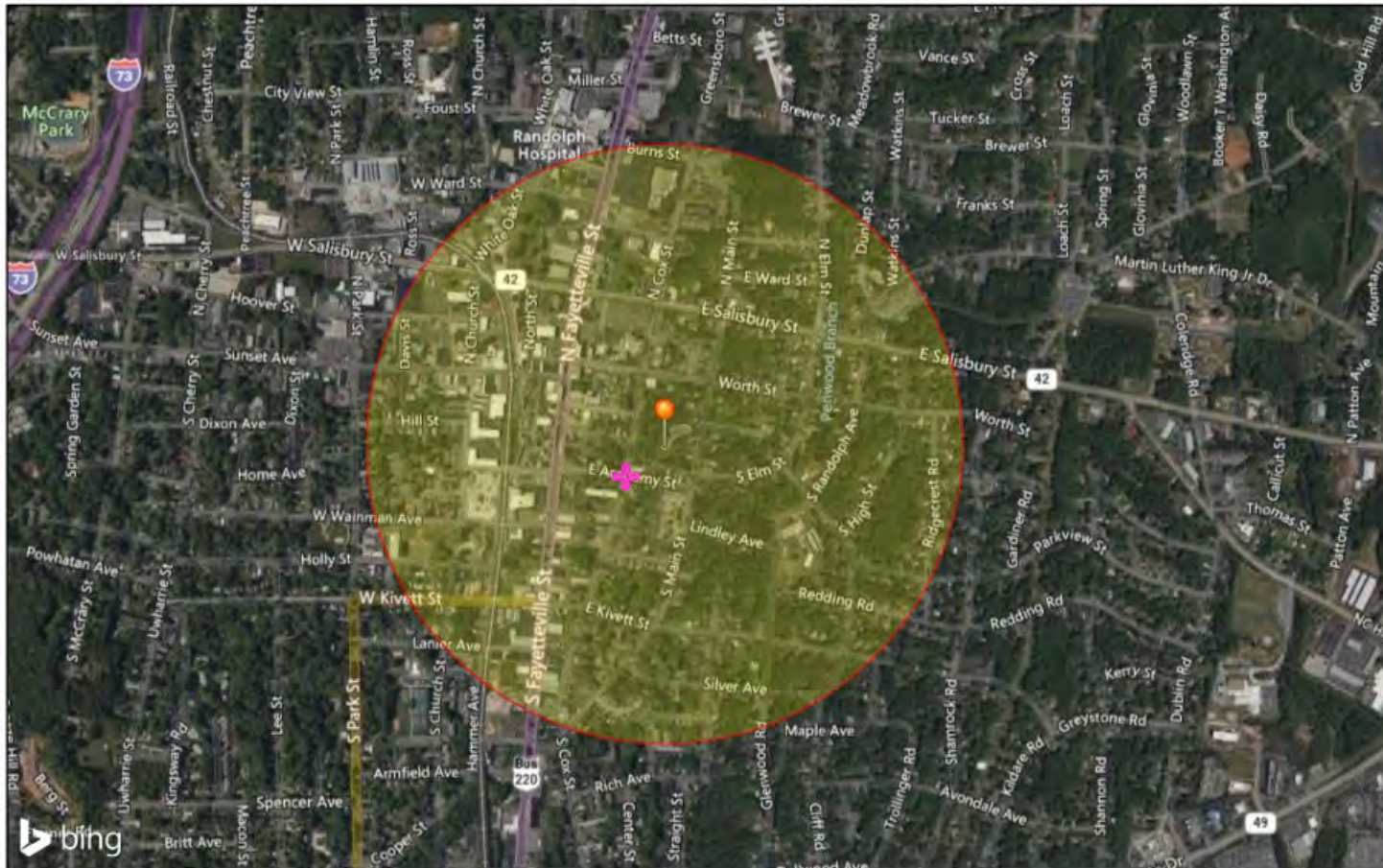


## Topographical Map





## .5 Buffer Asheboro Garden Project



April 29, 2025

 Project Buffer  Search Result (point)

 Project 1

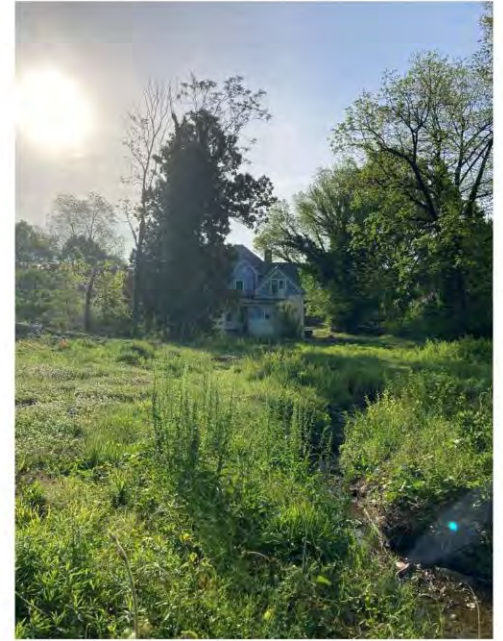
1:18,056

0 0.13 0.25 0.5 mi  
0 0.2 0.4 0.8 km

© 2025 Microsoft Corporation © 2025 Maxar © CNES (2025) Distribution  
Airbus DS © 2025 TomTom



# Existing Site Photos





# Existing Site Photos





# Proposed Master Plan





# ARCHAEOLOGICAL SURVEY OF THE JARRELL GARDEN PROPERTY

Randolph County, North Carolina



NEW SOUTH ASSOCIATES, INC.



# ABSTRACT

New South Associates, Inc. (NSA) conducted an archaeological survey and assessment of the 3.5-acre Jarrell Garden Property in central Asheboro, Randolph County, North Carolina. The survey was conducted on behalf of the City of Asheboro. The purpose of the survey was to determine what archaeological materials are present and whether they related to the nearby mid-nineteenth century Worth Farm.

This archaeological review is not in response to any formal requirements and is not for agency review purpose. It is strictly to provide the City of Asheboro with information to better understand the history and archaeology of the site.

The project included background research, pedestrian survey, metal detection, excavation of shovel tests, and in-field artifact analysis. The survey resulted in the identification of a single site: Site 31RD1606. Site 31RD1606 is an early to mid-twentieth century artifact scatter that was determined to be unrelated to the Worth Farm.

No archaeological resources related to the Worth Farm were identified. While it is possible that features associated with the Worth Farm were present in the study area and have been demolished beyond identification, it is more likely that structures relating to the Worth Farm, including the enslaved quarters mentioned in the 1863 property listing were located elsewhere on Worth's vast landholdings. Results do not indicate the presence of intact, significant archaeological resources related to the Worth Farm period.

NSA recommends that no additional archaeological work is necessary.

**From:** [DNCR - Environmental\\_Review](#)  
**To:** [JoAnna McDonald](#); [Trevor Nuttall](#)  
**Subject:** Re: [External] RE: 2020 CDBG-CV surplus funding, program amendment Garden ER 23-1253  
**Date:** Tuesday, May 27, 2025 4:30:48 PM  
**Attachments:** [image003.png](#)  
[image005.png](#)  
[Outlook-b3dggivb.png](#)  
[ER-23-1253\\_NC.pdf](#)

---

Our response is attached. Thank you.

Best,

Devon L. Borgardt, M.A. (she/her)  
Environmental Review Assistant - Project Registrar  
State Historic Preservation Office  
109 E Jones St MSC 4617 Raleigh, NC 27699  
919 814 6586 *office*



*Email correspondence to and from this address is subject to the North Carolina Public Records Law and may be disclosed to third parties.*

**Please Note:** Information on email project submittal is at: <https://www.hpo.nc.gov/environmental-review/environmental-review-project-submittal/project-review-checklist>

---

**From:** JoAnna McDonald <jmcdonald@consultinsight.com>  
**Sent:** Tuesday, May 27, 2025 11:04 AM  
**To:** DNCR - Environmental\_Review <Environmental.Review@dncr.nc.gov>; Trevor Nuttall <tnuttall@ci.asheboro.nc.us>  
**Subject:** RE: [External] RE: 2020 CDBG-CV surplus funding, program amendment Garden ER 23-1253

You don't often get email from jmcdonald@consultinsight.com. [Learn why this is important](#)

**CAUTION:** External email. Do not click links or open attachments unless verified. Report suspicious emails with the Report Message button located on your Outlook menu bar on the Home tab.

Good morning Devon, thank you for the consultation, ER 23 -1253.

When you get a chance, could you change the RE line to read "CDBG-CV Program Amendment" fund, please. The Grant # is 20-V-3510.



Asheboro already received funding from the Land and Water Conservation Fund. There's several components to this project.

Thanks!

photo



**JoAnna McDonald, Ph.D.**  
**Environmental Advisor | SOI Qualified**

 [910.392.0060](tel:910.392.0060)  910.622.9852

 [jmcdonald@consultinsight.com](mailto:jmcdonald@consultinsight.com)

 [5030 New Centre Drive, Suite A, Wilmington NC 28403](#)



**From:** DNCR - Environmental\_Review <Environmental.Review@dncr.nc.gov>  
**Sent:** Tuesday, May 27, 2025 8:27 AM  
**To:** Trevor Nuttall <tnuttall@ci.asheboro.nc.us>  
**Cc:** JoAnna McDonald <jmcdonald@consultinsight.com>  
**Subject:** Re: [External] RE: 2020 CDBG-CV surplus funding, program amendment

Our response is attached. Thank you.

Best,

Devon L. Borgardt, M.A. (she/her)  
Environmental Review Assistant - Project Registrar  
State Historic Preservation Office  
109 E Jones St MSC 4617 Raleigh, NC 27699  
919 814 6586 *office*



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**Please Note:** Information on email project submittal is at: <https://www.hpo.nc.gov/environmental->

[review/environmental-review-project-submittal/project-review-checklist](#)

---

**From:** Trevor Nuttall <[tnuttall@ci.asheboro.nc.us](mailto:tnuttall@ci.asheboro.nc.us)>  
**Sent:** Thursday, May 1, 2025 4:53 PM  
**To:** DNCR - Environmental\_Review <[Environmental.Review@dncr.nc.gov](mailto:Environmental.Review@dncr.nc.gov)>  
**Cc:** JoAnna McDonald <[jmcdonald@insight-pd.com](mailto:jmcdonald@insight-pd.com)>  
**Subject:** [External] RE: 2020 CDBG-CV surplus funding, program amendment

**CAUTION:** External email. Do not click links or open attachments unless verified. Report suspicious emails with the Report Message button located on your Outlook menu bar on the Home tab.

To: Whom It May Concern

RE: 2020 CDBG-CV surplus funding, program amendment

The City of Asheboro is notifying your Office that CDBG-CV funds will be used for this grant.

The city is requesting to consult with your Office on the proposed scope of work and is requesting your concurrence with the determination of No Adverse Effect on Historic Properties:

- The proposed garden project will be on previously disturbed ground. The project is behind one nationally registered structure and several surveyed only historic homes. The project site is not in the Asheboro Downtown Historic District. The garden project will be esthetically pleasing to the neighborhood and add to the city's historic charm. No Adverse Effect on Historic Properties.

Trevor L. Nuttall  
Assistant City Manager  
City of Asheboro  
146 N. Church St.  
Asheboro, NC 27203  
PH: (336) 626-1201 ext. 2323  
<http://www.asheboronc.gov>

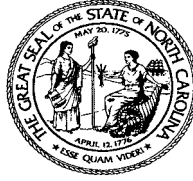




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---

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**North Carolina Department of Natural and Cultural Resources  
State Historic Preservation Office**

Ramona M. Bartos, Administrator

Governor Josh Stein  
Secretary Pamela B. Cashwell

Office of Archives and History  
Deputy Secretary Darin J. Waters, Ph.D.

May 27, 2025

Trevor L. Nuttall  
The City of Asheboro  
146 North Church Street  
PO Box 1106  
Asheboro, NC 27204

[tnuttall@ci.asheboro.nc.us](mailto:tnuttall@ci.asheboro.nc.us)

Re: CDBG-CV Program Amendment: Asheboro Center City Gardens (Jarrell Garden property),  
South Cox Street, Asheboro, Randolph County, ER 23-1253

Dear Mr. Nuttall:

Thank you for your email of May 1, 2025, regarding the above-referenced undertaking. We have reviewed the submission and offer the following comments.

We have conducted a review of the project and are aware of no historic resources which would be affected by the project. Therefore, we have no comment on the project as proposed.

The above comments are made pursuant to Section 106 of the National Historic Preservation Act and the Advisory Council on Historic Preservation's Regulations for Compliance with Section 106 codified at 36 CFR Part 800.

Thank you for your cooperation and consideration. If you have questions concerning the above comment, contact Renee Gledhill-Earley, environmental review coordinator, at 919-814-6579 or [environmental.review@dncr.nc.gov](mailto:environmental.review@dncr.nc.gov). In all future communication concerning this project, please cite the above referenced tracking number.

Sincerely,

  
for Ramona Bartos, Deputy  
State Historic Preservation Officer





# Tribal Directory Assessment Information



## Contact Information for Tribes with Interests in Randolph County, North Carolina

|   | Tribal Name                                                        | County Name |
|---|--------------------------------------------------------------------|-------------|
| + | Catawba Indian Nation (aka Catawba Indian Tribe of South Carolina) | Randolph    |

1 - 1 of 1 results

« ‹ 1 › » 10 ▼



**City of Asheboro**  
146 North Church Street  
Post Office Box 1106  
Asheboro, North Carolina 27204-1106



May 6, 2025

Ms. Caitlin Rogers  
Tribal Historic Preservation Office  
Catawba Indian Nation  
THPO Archaeology Department  
1536 Tom Steven Road  
Rock Hill, SC 29730

Re: City of Asheboro 2020 CV Program Amendment  
Environmental Review Record  
Grant #20-V-3510

Dear Ms. Rogers:

The City of Asheboro is in the process of conducting an environmental review for their CDBG-CV funds in a Program Amendment project. The project will convert an open space park into a community garden. The project is 3.5 acres on previously disturbed ground. The rehabilitation/modernization activities will include planting bushes and flowers that attract birds and other wildlife. There will be different gardens apiary, soggy ground "bog," butterfly, rose, and shade. An ADA system will be built. There will be places to sit, water features, a gazebo or pavilion, parking lot, restroom, power for events, lighting, water for drinking and irrigation, and may use the house on site as a visitor center.

The project will be for the purpose of providing a place for citizens to come and relax and enjoy a peaceful garden. It will act as a venue for weddings and other special events. Outdoor classes may also be held. An archeology survey was conducted. This area may have been part of the mid-nineteenth century farm, the Worth Farm. The survey found no artifacts related to the historic farm.

Please send an e-mail to Trevor Nutall, Assistant City Manager at [tnuttall@ci.asheboro.nc.us](mailto:tnuttall@ci.asheboro.nc.us) and cc: JoAnna McDonald, [jmcdonald@insight-pd.com](mailto:jmcdonald@insight-pd.com). Thank you for your assistance with this request. We look forward to your response.

Sincerely,

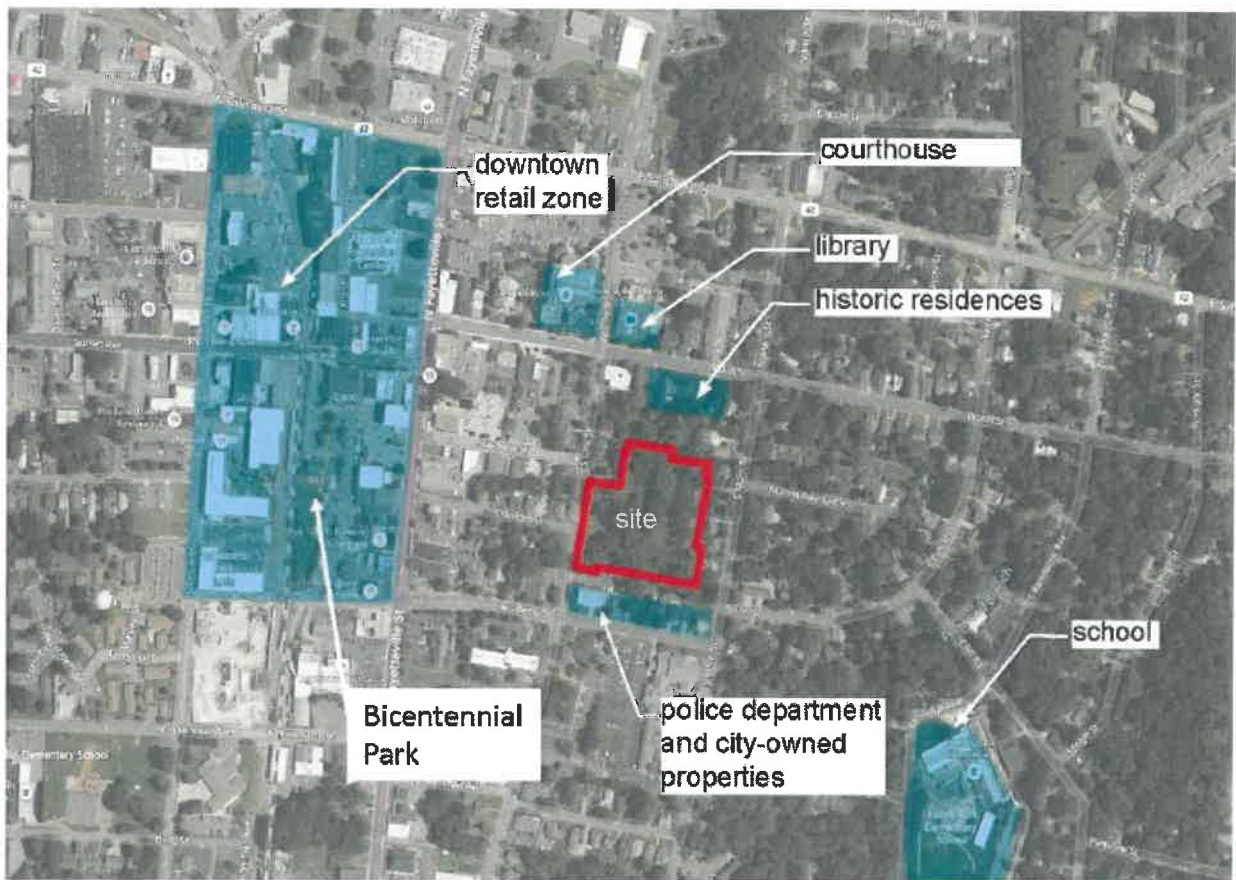
A handwritten signature in black ink, appearing to read "Trevor Nutall".

Trevor Nutall, Asst. City Manager  
Enclosures

Prepared by:  
JoAnna McDonald, Ph.D.  
Environmental Advisor/SOI Qualified  
Insight Planning & Development



**Project Location Map**



## Existing Site Photos





# Proposed Master Plan



# ABSTRACT

New South Associates, Inc. (NSA) conducted an archaeological survey and assessment of the 3.5-acre Jarrell Garden Property in central Asheboro, Randolph County, North Carolina. The survey was conducted on behalf of the City of Asheboro. The purpose of the survey was to determine what archaeological materials are present and whether they related to the nearby mid-nineteenth century Worth Farm.

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The project included background research, pedestrian survey, metal detection, excavation of shovel tests, and in-field artifact analysis. The survey resulted in the identification of a single site: Site 31RD1606. Site 31RD1606 is an early to mid-twentieth century artifact scatter that was determined to be unrelated to the Worth Farm.

No archaeological resources related to the Worth Farm were identified. While it is possible that features associated with the Worth Farm were present in the study area and have been demolished beyond identification, it is more likely that structures relating to the Worth Farm, including the enslaved quarters mentioned in the 1863 property listing were located elsewhere on Worth's vast landholdings. Results do not indicate the presence of intact, significant archaeological resources related to the Worth Farm period.

NSA recommends that no additional archaeological work is necessary.



COMMUNITY DEVELOPMENT DIVISION  
CITY OF ASHEBORO  
146 N. CHURCH ST., P.O. BOX 1106  
ASHEBORO, NORTH CAROLINA 27204-1106

Ms. Cathlin Rogers  
Tribal Historic Preservation Office  
Catawba Indian Nation  
1536 Tom Steven Rd.  
Rock Hill, SC 29790

FIRST-CLASS



US POSTAGE TM PITNEY BOWES

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02 7H  
0006030496

\$ 000.97<sup>0</sup>

MAY 06 2025

**From:** [Caitlin Rogers](#)  
**To:** [tnuttall@ci.asheboro.nc.us](mailto:tnuttall@ci.asheboro.nc.us)  
**Cc:** [JoAnna McDonald](#)  
**Subject:** City of Asheboro 2020 CV Program Amendment  
**Date:** Monday, June 9, 2025 1:52:06 PM  
**Attachments:** [2025-1259-2.docx](#)

---

Good afternoon,

Attached is the concurrence letter for your project.

Hawuu<sup>h</sup> (Thank you)

Caitlin Rogers  
Catawba Nation  
Cultural Division Programs Manager  
Tribal Historic Preservation Office  
1536 Tom Steven Road  
Rock Hill, SC 29730

803-328-2427 ext. 226

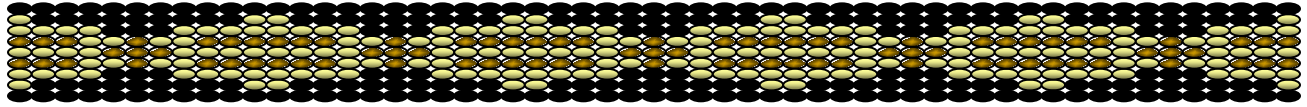
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Catawba Indian Nation  
Tribal Historic Preservation Office  
1536 Tom Steven Road  
Rock Hill, South Carolina 29730

Office 803-328-2427



June 9, 2025

Attention: Trevor Nutall  
City of Asheboro  
146 North Church Street  
Asheboro, NC 27204

|             |        |                                                                    |
|-------------|--------|--------------------------------------------------------------------|
| Re. THPO #  | TCNS # | Project Description                                                |
| 2025-1259-2 |        | City of Asheboro 2020 CV Program Amendment – ERR Grant # 20-V-3510 |

Dear Mr. Nutall,

The Catawba have no immediate concerns with regard to traditional cultural properties, sacred sites or Native American archaeological sites within the boundaries of the proposed project areas. **However, the Catawba are to be notified if Native American artifacts and / or human remains are located during the ground disturbance phase of this project.**

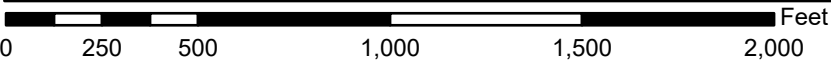
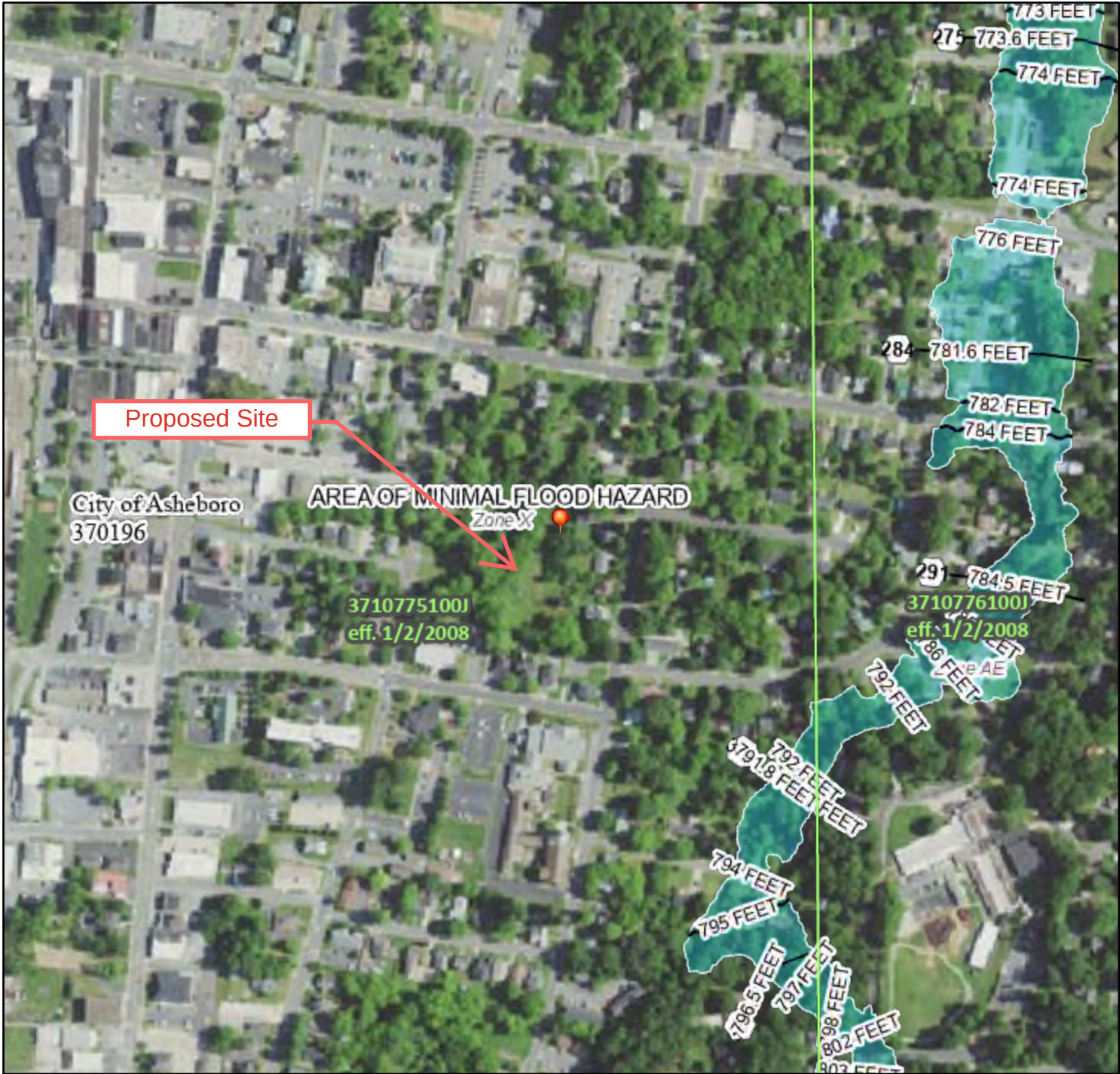
If you have questions, please contact Caitlin Rogers at 803-328-2427 ext. 226, or e-mail [Caitlin.Rogers@catawba.com](mailto:Caitlin.Rogers@catawba.com).

Sincerely,

Wenonah G. Haire  
Tribal Historic Preservation Officer

# National Flood Hazard Layer FIRMMette

79°48'58"W 35°42'30"N



1:6,000

79°48'20"W 35°42'1"N

Basemap Imagery Source: USGS National Map 2023

## Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

|                             |  |                                                                                                                                                                   |
|-----------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SPECIAL FLOOD HAZARD AREAS  |  | Without Base Flood Elevation (BFE)<br>Zone A, V, A99                                                                                                              |
|                             |  | With BFE or Depth Zone AE, AO, AH, VE, AR                                                                                                                         |
|                             |  | Regulatory Floodway                                                                                                                                               |
| OTHER AREAS OF FLOOD HAZARD |  | 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X |
|                             |  | Future Conditions 1% Annual Chance Flood Hazard Zone X                                                                                                            |
|                             |  | Area with Reduced Flood Risk due to Levee. See Notes. Zone X                                                                                                      |
|                             |  | Area with Flood Risk due to Levee Zone D                                                                                                                          |
| OTHER AREAS                 |  | NO SCREEN Area of Minimal Flood Hazard Zone X                                                                                                                     |
|                             |  | Effective LOMRs                                                                                                                                                   |
| GENERAL STRUCTURES          |  | Area of Undetermined Flood Hazard Zone D                                                                                                                          |
|                             |  | Channel, Culvert, or Storm Sewer                                                                                                                                  |
|                             |  | Levee, Dike, or Floodwall                                                                                                                                         |
|                             |  | Cross Sections with 1% Annual Chance Water Surface Elevation                                                                                                      |
|                             |  | Coastal Transect                                                                                                                                                  |
|                             |  | Base Flood Elevation Line (BFE)                                                                                                                                   |
|                             |  | Limit of Study                                                                                                                                                    |
|                             |  | Jurisdiction Boundary                                                                                                                                             |
| OTHER FEATURES              |  | Coastal Transect Baseline                                                                                                                                         |
|                             |  | Profile Baseline                                                                                                                                                  |
|                             |  | Hydrographic Feature                                                                                                                                              |
| MAP PANELS                  |  | Digital Data Available                                                                                                                                            |
|                             |  | No Digital Data Available                                                                                                                                         |
|                             |  | Unmapped                                                                                                                                                          |



The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 4/15/2025 at 7:34 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.



## **City of Asheboro, NC 2020 CV Surplus Funds, Program Amendment, Garden Project SUMMARY OF 8-STEP Wetlands NOTIFICATION PROCESS**

Project includes utilizing surplus CDBG-CV funding to convert an open space park to a community garden. The project is 3.5 acres. The rehabilitation/modernization activities will include planting creating different types of gardens such as apiary, bog, butterfly, rose, and shade. An ADA system will be built. There will be places to sit, water features, a gazebo or pavilion, boardwalk, parking lot, restroom, power for events, lighting, water for drinking and irrigation, and may use the house on site as a visitor center. The City proposes removing a culvert pipe on the project site and restoring the natural and beneficial values of the wetlands with ripples and pools. The lower channel of the wetlands will be incorporated into the city garden.

The National Wetlands Inventory and U.S. Corps of Engineers were consulted. NWI shows no wetlands. There is, however, a small unnamed drainage ditch that intersects the eastern half of the study area. Half of the drainage ditch was culverted years ago. The pipes are now broken, and the area becomes waterlogged when the ditch overflows. The city consulted with the U.S. Corps of Engineers, and it was determined that this ground is a “potential aquatic resource”.

### ***Step 1: Determine whether the action is located in a 100-year floodplain (or a 500-year floodplain for critical actions) or wetland.***

Per the U.S. Corps of Engineers, a section of the project site is located in a “potentially aquatic resource.” This is a reconstruction project and does not meet the exceptions for 24 CFR 55.12. Therefore, the project requires an 8-step analysis of the direct and indirect impacts associated with the construction, occupancy, and modification of the wetlands.

### ***Step 2: Notify the public for early review of the proposal and involve the affected and interested public in the decision-making process.***

An Early Notice and Public Review of a Proposed Activity in Wetlands was published in The Courier Tribune newspaper in Asheboro, North Carolina, on May 22, 2025. The notice contained information regarding requests for comments and provided a comment period through June 6, 2025. A copy of the notice is attached for reference. No comments regarding the project were received.

### ***Step 3: Identify and evaluate practicable alternatives.***

#### **No Action**

The “No Action” alternative would mean that projects located within wetlands would not receive grant assistance, such as reconstruction/modernization of an open space park to a garden as described in this project. Without this assistance, the City of Asheboro could not modernize the site for the community’s economic benefit and recreational and educational use. As such, the “No Action” alternative would have a negative impact on the community.

## **Buyout**

“Buyout” alternative would mean that properties would be reverted to their natural state. While this alternative would be beneficial to the wetlands, it would adversely affect the community resulting in negative social and economic impacts.

### **Step 4: *Identify Potential Direct and Indirect Impacts Associated with Floodplain Development.***

The proposed action is based on complete information. The proposed action is in compliance with the NFIP. The proposed action will not increase the risk of flood loss. Direct impacts include construction in the wetlands and excavating and removing vegetation. These will be temporary impacts. There are no indirect impacts.

### **Step 5: *Where practicable, design or modify the proposed action to minimize the potential adverse impacts to lives, property, and natural values within the floodplain and to restore, and preserve the values of the floodplain/wetlands.***

The wetlands will be restored and preserved to its natural and beneficial values. Work in or near the wetlands will be minimized by following NC building codes and local floodplain ordinances. To minimize further impacts, an elevated boardwalk will be built over the wetlands garden. This minimization will be beneficial as it allows for continued open space and natural moderation of water during flooding events. It also allows visitors to learn about the wetlands' ecosystem



## **Step 6: *Reevaluate the Alternatives.***

### **No Action**

The “No Action” alternative would mean that the City of Asheboro could not modernize the site for the community’s economic benefit and recreational and educational use. As such, the “No Action” alternative would have a negative impact on the community.

### **Buyout**

“Buyout” alternative would mean this property would be acquired and the community could not develop a garden, resulting in negative social and economic impacts.

## **Step 7: *Determination of No Practicable Alternative***

It is the City of Asheboro’s determination that there are no practicable alternatives. The No Action and Buyout Alternatives would have a negative economic impact on the community. Work in wetlands will be temporary. An elevated boardwalk will be built over part of the wetlands. The applicant will use the most current construction methods, codes, and materials as set by the NC codes and standards. As such, the proposed project will reduce its impediment on the function of the wetlands and will minimize the potential adverse impacts to lives, property, and moderately preserve the natural values of the wetlands.

A final notice was published and posted consistent with the prior notice. The notice explains the reasons why the project must be located in a wetlands, offers a list of alternatives considered at Steps 3 and 6, and describes all mitigation measures at Step 5 taken to minimize adverse impacts and preserve natural and beneficial wetlands values. The notice is attached to this document. No concerns were expressed by the public concerning this notice.

## **Step 8: *Implement the Proposed Action***

The City of Asheboro will ensure that the most current construction methods, codes, and materials as set by the state of North Carolina will be used. Flood insurance will be obtained for this facility from the local flood administrator.



May 7, 2025

Wetlands

- |                                                                                     |                                |                                                                                     |                                   |                                                                                       |          |
|-------------------------------------------------------------------------------------|--------------------------------|-------------------------------------------------------------------------------------|-----------------------------------|---------------------------------------------------------------------------------------|----------|
|  | Estuarine and Marine Deepwater |  | Freshwater Emergent Wetland       |  | Lake     |
|  | Estuarine and Marine Wetland   |  | Freshwater Forested/Shrub Wetland |  | Other    |
|                                                                                     |                                |  | Freshwater Pond                   |  | Riverine |

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.



**City of Asheboro - NORTH CAROLINA**  
**Early Notice and Public Review of a Proposed**  
**Activity in a Wetlands**

May 22, 2025

To: All interested Federal, State, and Local Agencies, Groups, and Individuals

This is to give notice that the City of Asheboro has conducted an evaluation as required by Executive Order 11988 in accordance with HUD regulations at 24 CFR 55.20 Subpart C Procedures for Making Determinations on Floodplains and Wetlands, to determine the potential effect that its activity in the wetlands will have on the human environment for City of Asheboro Community Development Block Grant (CDBG-CV) Program Amendment, Grant # 20-V-3510.

The proposed project will convert an open space park to a community garden. The project is 3.5 acres. The rehabilitation/modernization activities will include planting creating different types of gardens such as apiary, bog, butterfly, rose, and shade. An ADA system will be built. There will be places to sit, water features, a gazebo or pavilion, boardwalk, parking lot, restroom, power for events, lighting, water for drinking and irrigation, and may use the house on site as a visitor center. Mitigation will include removing culvert pipes and restoring the natural and beneficial values of the drainage ditch with ripples and pools. An elevated boardwalk will be built over the lower channel of wetlands and incorporated into the city garden.

The proposed project is at: 179 S. Cox St. and 205 S. Cox St.

There are three primary purposes for this notice. First, people who may be affected by activities in floodplains and wetlands and those who have an interest in the protection of the natural environment should be given an opportunity to express their concerns and provide information about these areas. Second, an adequate public notice program can be an important public educational tool. The dissemination of information about wetlands can facilitate and enhance Federal efforts to reduce the risks associated with the occupancy and modification of these special areas. Third, as a matter of fairness, when the Federal government determines it will participate in actions taking place in a wetlands, it must inform those who may be put at greater or continued risk.

Written comments must be received by the City of Asheboro at the following address on or before June 6, 2025, 146 N. Church St., Asheboro, NC 27203. Attention: Trevor Nuttall, Asst. City Manager, Phone (336) 626-1201 ext. 2323. Comments may also be submitted, or further information can be requested, via email at [tnuttall@ci.asheboro.nc.us](mailto:tnuttall@ci.asheboro.nc.us). A full description of the project can be reviewed from 8:30 am to 4:30 pm at 146 N. Church St., Asheboro, NC 27203.

This information is available in Spanish or any other language upon request. Please contact Trevor Nuttall, Asst. City Manager, Phone (336) 626-1201 ext. 2323, 146 N. Church St., Asheboro, NC 27203, for accommodation for this request.

Esta información está disponible en español o en cualquier otro idioma bajo petición. Por favor, póngase en contacto con Trevor Nuttall, Asst. City Manager, Phone (336) 626-1201 ext. 2323, 146 N. Church St., Asheboro, NC 27203, de alojamiento para esta solicitud.

## **WETLANDS FINAL PUBLIC NOTICE**

The City of Asheboro has applied to a Federal Community Development Block Grant Covid funding (CDBG-CV) Program Amendment, Grant # 20-V-3510 through the North Carolina Rural Economic Development Division (REDD).

Under the National Environmental Policy Act (NEPA), federal actions must be reviewed and evaluated for feasible alternatives and for social, economic, historic, environmental, legal, and safety considerations. Under Executive Order (EO) 11988 and EO 11990, The City of Asheboro is required to consider alternatives, and to provide public notice of any proposed actions in or affecting floodplains or wetlands. EO 12898 also requires the City of Asheboro to provide the opportunity for public participation in the planning process and to consider potential impacts to minority and low-income populations. This notice may also fulfill requirements under Section 106 of the National Historic Preservation Act (NHPA).

Funding for the proposed project will be conditional upon compliance with all applicable federal, tribal, state, and local laws, regulations, floodplain standards, permit requirements and conditions.

**Sub-Applicant:** City of Asheboro

**Project Title:** City of Asheboro, 2020 CDBG-CV Program

**Location of Proposed Work:**

| Facility and Address      | Latitude  | Longitude  |
|---------------------------|-----------|------------|
| S. Cox St. and E. Academy | 35.703915 | -79.811136 |

**Special Flood Hazard Area Zone:** The proposed project will demolish a home, and the lot will be prepped for construction of a house in the existing footprint. Confirmation of location in a Wetlands was determined by U.S. Corps of Engineers. The proposed work conforms to all applicable State of North Carolina and local wetlands regulations. Measures have been identified to minimize the short-term and long-term impacts on the wetlands.

**Proposed Work and Purpose:** The proposed project will convert an open space park to a community garden. The project is 3.5 acres. The rehabilitation/modernization activities will include planting creating different types of gardens such as apiary, bog, butterfly, rose, and shade. An ADA system will be built. There will be places to sit, water features, a gazebo or pavilion, boardwalk, parking lot, restroom, power for events, lighting, water for drinking and irrigation, and may use the house on site as a visitor center. Mitigation will include removing culvert pipes and restoring the natural and beneficial values of the drainage ditch with ripples and pools. An elevated boardwalk will be built over the lower channel of wetlands and incorporated into the city garden. This minimization should be beneficial as it will allow for more natural moderation of floods during flooding events and still allow the community to enjoy the wetlands ecosystem.



**Project Alternatives:**

**Alternative #1** The “No Action” alternative would mean that projects located within wetlands would not receive grant assistance, such as reconstruction/modernization of an open space park to a garden as described in this project. Without this assistance, the City of Asheboro could not modernize the site for the community's economic benefit and recreational and educational use. As such, the “No Action” alternative would have a negative impact on the community.

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**All comments are due by no later than 7 days of the published date of this notice.**

**PUBLISHED ON: May 22,2025**

**End of Notice**

AFFP  
Early Wetland ATTN T. Nuttall

Affidavit of Publication

STATE OF NC }  
COUNTY OF } SS  
Randolph

Brenda Poole, being duly sworn, says:

That she is Classified Rep of the The Courier-Tribune, a daily newspaper of general circulation, printed and published in Asheboro, County, NC; that the publication, a copy of which is attached hereto, was published in the said newspaper on the following dates:

May 22, 2025

That said newspaper was regularly issued and circulated on those dates.  
SIGNED:

Brenda Poole

Classified Rep

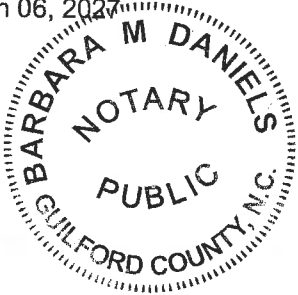
Subscribed to and sworn to me this 22nd day of May 2025.

Barbara M Daniels, Notary Guilford, County, NC

My commission expires: March 06, 2027

70082642 71234558

CITY OF ASHEBORO  
P.O. BOX 1106  
ASHEBORO, NC 27204



City of Asheboro  
- NORTH CAROLINA  
Early Notice and Public  
Review of a Proposed  
Activity in a Wetlands

May 22, 2025

To: All interested Federal,  
State, and Local Agencies,  
Groups, and Individuals

This is to give notice that the City of Asheboro has conducted an evaluation as required by Executive Order 11988 in accordance with HUD regulations at 24 CFR 55.20 Subpart C Procedures for Making Determinations on Floodplains and Wetlands, to determine the potential effect that its activity in the wetlands will have on the human environment for City of Asheboro Community Development Block Grant (CDBG-CV) Program Amendment, Grant # 20-V-3510.

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11: 5/22/2025

AFFP  
Wetlands FINAL Attn T. Nuttall

Affidavit of Publication

STATE OF NC }  
COUNTY OF } SS  
Randolph

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That she is Classified Rep of the The Courier-Tribune, a daily newspaper of general circulation, printed and published in Asheboro, County, NC; that the publication, a copy of which is attached hereto, was published in the said newspaper on the following dates:

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SIGNED:

Brenda Poole

Classified Rep

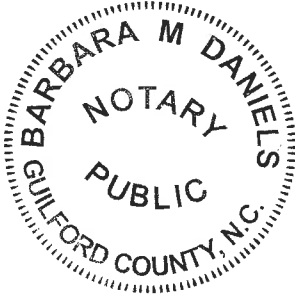
Subscribed to and sworn to me this 22nd day of May 2025.

Barbara M Daniels, Notary Guilford, County, NC

My commission expires: March 06, 2027

70082642 71234585

CITY OF ASHEBORO  
P.O. BOX 1106  
ASHEBORO, NC 27204



WETLANDS FINAL  
PUBLIC NOTICE

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Sub-Applicant: City of Asheboro

Project Title: City of Asheboro, 2020 CDBG-CV Program

Location of Proposed Work:

Facility and Address  
S. Cox St. and E. Academy  
Latitude Longitude  
35.72915 -79.81136

Special Flood Hazard Area Zone: The proposed project will demolish a home, and the lot will be prepared for construction of a house in the existing footprint. Confirmation of location in Wetlands was determined by U.S. Corps of Engineers. The proposed work conforms to all applicable State of North Carolina and local wetlands regulations. Measures have been identified to minimize the short-term and long-term impacts on the wetlands.

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All comments are due by no later than 7 days of the published date of this notice.

11: 5/22/2025



**From:** [JoAnna McDonald](#)  
**To:** [region-D-rep@ncafpn.org](mailto:region-D-rep@ncafpn.org)  
**Cc:** [Trevor Nuttall](#)  
**Subject:** Wetlands 8 Step Notification Asheboro Grant # 2020-V-3510  
**Date:** Wednesday, June 4, 2025 2:02:00 PM

---

To Whom it May Concern, this email is to notify you that a Wetlands 8 Step was completed for CDBG-CV Program Amendment, Grant #2020-V-3510. The City of Asheboro will use surplus funds to convert an open space park to a community garden. Mitigation will include building a boardwalk over the required area. The project is in compliance with EO11990.

# Jurisdictional Determination Request

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**US Army Corps  
of Engineers**  
Wilmington District

This form is intended for use by anyone requesting a jurisdictional determination (JD) from the U.S. Army Corps of Engineers, Wilmington District (Corps). Please include all supporting information, as described within each category, with your request. You may submit your request to the appropriate Corps Field Office (or project manager, if known) via mail, electronic mail, or facsimile. A current list of county assignments by Field Office and project manager can be found on-line at: <http://www.saw.usace.army.mil/Missions/RegulatoryPermitProgram.aspx>, by telephoning: 910-251-4633, or by contacting any of the field offices listed below:

## **ASHEVILLE REGULATORY FIELD OFFICE**

US Army Corps of Engineers  
151 Patton Avenue, Room 208  
Asheville, North Carolina 28801-5006  
General Number: (828) 271-7980  
Fax Number: (828) 281-8120

## **WASHINGTON REGULATORY FIELD OFFICE**

US Army Corps of Engineers  
2407 West Fifth Street  
Washington, North Carolina 27889  
General Number: (910) 251-4610  
Fax Number: (252) 975-1399

## **RALEIGH REGULATORY FIELD OFFICE**

US Army Corps of Engineers  
3331 Heritage Trade Drive, Suite 105  
Wake Forest, North Carolina 27587  
General Number: (919) 554-4884  
Fax Number: (919) 562-0421

## **WILMINGTON REGULATORY FIELD OFFICE**

US Army Corps of Engineers  
69 Darlington Avenue  
Wilmington, North Carolina 28403  
General Number: 910-251-4633  
Fax Number: (910) 251-4025



## Jurisdictional Determination Request

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### INSTRUCTIONS:

**All requestors must complete Parts A, B, C, D, E and F.**

**NOTE TO CONSULTANTS AND AGENCIES:** If you are requesting a JD on behalf of a paying client or your agency, please note the specific submittal requirements in **Part G**.

**NOTE ON PART D – PROPERTY OWNER AUTHORIZATION:** Please be aware that all JD requests must include the current property owner authorization for the Corps to proceed with the determination, which may include inspection of the property when necessary. This form must be signed by the current property owner to be considered a complete request.

**NOTE ON PART D - NCDOT REQUESTS:** Property owner authorization/notification for JD requests associated with North Carolina Department of Transportation (NCDOT) projects will be conducted according to the current NCDOT/USACE protocols.

**NOTE TO USDA PROGRAM PARTICIPANTS:** A Corps approved or preliminary JD may not be valid for the wetland conservation provisions of the Food Security Act of 1985. If you or your tenant are USDA Program participants, or anticipate participation in USDA programs, you should also request a certified wetland determination from the local office of the Natural Resources Conservation Service, prior to starting work.

## Jurisdictional Determination Request

### A. PARCEL INFORMATION

Street Address: 205 South Cox Street  
City, State: Asheboro, North Carolina  
County: Randolph  
Directions: East side of downtown, entrance is at intersection of South Cox Street and Cranford Street  
See attached map

Parcel Index Number(s) (PIN): 7751920109, 7751921296, 7751829013, 7751920235

### B. REQUESTOR INFORMATION

Name: Barrett Kays  
Mailing Address: 3908 Bentley Brook Drive, Raleigh, NC 27612  
Telephone Number: 919-696-6930  
Electronic Mail Address<sup>1</sup>: barrettkays@gmail.com

Select one:

- ☐ I am the current property owner.
- ☒ I am an Authorized Agent or Environmental Consultant<sup>2</sup>
- ☐ Interested Buyer or Under Contract to Purchase
- ☐ Other, please explain.

### C. PROPERTY OWNER INFORMATION

Name: Mr. John N. Ogburn, City Manager  
Mailing Address: 146 North Church Street  
Asheboro, North Carolina 27204-1108  
Telephone Number: 336-626-1201 x 2301  
Electronic Mail Address<sup>3</sup>:

☒ Proof of Ownership Attached (e.g. a copy of Deed, County GIS/Parcel/Tax Record data)

<sup>1</sup> If available

<sup>2</sup> Must attach completed Agent Authorization Form

<sup>3</sup> If available



## Jurisdictional Determination Request

### D. PROPERTY OWNER CERTIFICATION<sup>4</sup>

I, the undersigned, a duly authorized owner of record of the property/properties identified herein, do authorize representatives of the Wilmington District, U.S. Army Corps of Engineers (Corps) to enter upon the property herein described for the purpose of conducting on-site investigations and issuing a determination associated with Waters of the U.S. subject to Federal jurisdiction under Section 404 of the Clean Water Act and/or Section 10 of the Rivers and Harbors Act of 1899.

Mr. John N. Ogburn, City Manager

Property Owner (please print)

Date

July 31, 2023

Property Owner Signature

### E. JURISDICTIONAL DETERMINATION TYPE

Select One:



I am requesting that the Corps provide a preliminary JD for the property identified herein. This request does include a delineation.



I am requesting that the Corps provide a preliminary JD for the property identified herein. This request does NOT include a delineation.



I am requesting that the Corps investigate the property/project area for the presence or absence of WoUS<sup>5</sup> and provide an approved JD for the property identified herein. This request does NOT include a request for a verified delineation.



I am requesting that the Corps delineate the boundaries of all WoUS on a property/project area and provide an approved JD (this may or may not include a survey plat).



I am requesting that the Corps evaluate and approve a delineation of WoUS (conducted by others) on a property/project area and provide an approved JD (may or may not include a survey plat).

<sup>4</sup> For NCDOT requests following the current NCDOT/USACE protocols, skip to Part E.

<sup>5</sup> Waters of the United States

## Jurisdictional Determination Request

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### F. ALL REQUESTS

- ☒ Map of Property or Project Area (attached). This Map must clearly depict the boundaries of the area of evaluation.
- ☒ Size of Property or Project Area 3.60 acres
- ☒ I verify that the property (or project) boundaries have recently been surveyed and marked by a licensed land surveyor OR are otherwise clearly marked or distinguishable.

### G. JD REQUESTS FROM CONSULTANTS OR AGENCIES

#### (1) Preliminary JD Requests:

- ☒ Completed and signed Preliminary Jurisdictional Determination Form<sup>6</sup>.
- ☒ Project Coordinates: 35 42.256 Latitude 79 48.723 Longitude

#### Maps (no larger than 11x17) with Project Boundary Overlay:

- ☒ Large and small scale maps that depict, at minimum: streets, intersections, towns
- ☐ Aerial Photography of the project area
- ☒ USGS Topographic Map
- ☐ Soil Survey Map
- ☐ Other Maps, as appropriate (e.g. National Wetland Inventory Map, Proposed Site Plan, previous delineation maps, LIDAR maps, FEMA floodplain maps)

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<sup>6</sup> See Appendix A of this Form. From Regulatory Guidance Letter No. 08-02, dated June 26, 2008



## Jurisdictional Determination Request

Delineation Information (when applicable)<sup>7</sup>:

Wetlands:

☒ Wetland Data Sheets<sup>8</sup>

☒ Upland Data Sheets

☐ Landscape Photos, if taken

☒ Field Sketch overlain on legible Map that includes:

- All aquatic resources (for sites with multiple resources, label and identify)
- Locations of wetland data points and/or tributary assessment reaches
- Locations of photo stations
- Approximate acreage/linear footage of aquatic resources

Tributaries:

☐ USACE Assessment Forms

☐ Other Assessment Forms  
(when appropriate)

(2) Approved JDs including Verification of a Delineation:

☒ Project Coordinates: 35 42.256 Latitude 79 48.723 Longitude

Maps (no larger than 11x17) with Project Boundary Overlay:

☒ Large and small scale maps that depict, at minimum: streets, intersections, towns

☐ Aerial Photography of the project area

☒ USGS Topographic Map

☐ Soil Survey Map

☒ Other Maps, as appropriate (e.g. National Wetland Inventory Map, Proposed Site Plan, previous delineation maps)

<sup>7</sup> 1987 Manual Regional Supplements and Data forms can be found at:

[http://www.usace.army.mil/Missions/CivilWorks/RegulatoryProgramandPermits/reg\\_supp.aspx](http://www.usace.army.mil/Missions/CivilWorks/RegulatoryProgramandPermits/reg_supp.aspx)

Wetland and Stream Assessment Methodologies can be found at:

[http://portal.nce.dnr.org/c/document\\_library/get\\_file?uuid=76f3c58b-dab8-4960-ba43-45b7faf06f4c&groupId=38364](http://portal.nce.dnr.org/c/document_library/get_file?uuid=76f3c58b-dab8-4960-ba43-45b7faf06f4c&groupId=38364) and,

[http://www.saw.usace.army.mil/Portals/59/docs/regulatory/publicnotices/2013/NCSAM\\_Draft\\_User\\_Manual\\_130318.pdf](http://www.saw.usace.army.mil/Portals/59/docs/regulatory/publicnotices/2013/NCSAM_Draft_User_Manual_130318.pdf)

<sup>8</sup> Delineation information must include, at minimum, one wetland data sheet for each wetland/community type.

## Jurisdictional Determination Request

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Delineation Information (when applicable):

Wetlands:

☒ Wetland Data Sheets<sup>9</sup>

☒ Upland Data Sheets

☐ Landscape Photos, if taken

☒ Field Sketch overlain on legible Map that includes:

- All aquatic resources (for sites with multiple resources, label and identify)
- Locations of wetland data points and/or tributary assessment reaches
- Locations of photo stations
- Approximate acreage/linear footage of aquatic resources

Tributaries:

☐ USACE Assessment Forms

☐ Other Assessment Forms  
(when appropriate)

Supporting Jurisdictional Information (for Approved JDs only)

☐ Approved Jurisdictional Determination Form(s) (also known as "Rapanos Form(s)")

☐ Map(s) depicting the potential (or lack of potential) hydrologic connection(s), adjacency, etc. to navigable waters.

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<sup>9</sup> Delineation information must include, at minimum, one wetland data sheet for each wetland/community type.



## Jurisdictional Determination Request

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### I. REQUESTS FOR CORPS APPROVAL OF SURVEY PLAT

Prior to final production of a Plat, the Wilmington District recommends that the Land Surveyor electronically submit a draft of a Survey Plat to the Corps project manager for review.

Due to storage limitations of our administrative records, the Corps requires that all hard-copy submittals include at least one original Plat (to scale) that is no larger than 11"x17" (the use of match lines for larger tracts acceptable). Additional copies of a plat, including those larger than 11"x17", may also be submitted for Corps signature as needed. The Corps also accepts electronic submittals of plats, such as those transmitted as a Portable Document Format (PDF) file. Upon verification, the Corps can electronically sign these plats and return them via e-mail to the requestor.

#### (1) PLATS SUBMITTED FOR APPROVAL

- ☒ Must be sealed and signed by a licensed professional land surveyor
- ☒ Must be to scale (all maps must include both a graphic scale and a verbal scale)
- ☒ Must be legible
- ☒ Must include a North Arrow, Scale(s), Title, Property Information
- ☒ Must include a legible WoUS Delineation Table of distances and bearings/metres and bounds/GPS coordinates of all surveyed delineation points
- ☒ Must clearly depict surveyed property or project boundaries
- ☒ Must clearly identify the known surveyed point(s) used as reference (e.g. property corner, USGS monument)
- ☒ When wetlands are depicted:
  - Must include acreage (or square footage) of wetland polygons
  - Must identify each wetland polygon using an alphanumeric system

## Jurisdictional Determination Request

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☐

When tributaries are depicted:

- Must include either a surveyed, approximate centerline of tributary with approximate width of tributary OR surveyed Ordinary High Water Marks (OHWM) of tributary
- Must identify each tributary using an alphanumeric system
- Must include linear footage of tributaries and calculated area (using approximate widths or surveyed OHWM)
- Must include name of tributary (based on the most recent USGS topographic map) or, when no USGS name exists, identify as “unnamed tributary”

☒

all depicted WoUS (wetland polygons and tributary lines) must intersect or tie-to surveyed project/property boundaries

☒

Must include the location of wetland data points and/or tributary assessment reaches

☒

Must include, label accordingly, and depict acreage of all waters not currently subject to the requirements of the CWA (e.g. “isolated wetlands”, “non-jurisdictional waters”). NOTE: An approved JD must be conducted in order to make an official Corps determination that a particular waterbody or wetland is not jurisdictional.

☐

Must include and survey all existing conveyances (pipes, culverts, etc.) that transport WoUS



## Jurisdictional Determination Request

### (2) CERTIFICATION LANGUAGE



When the entire actual Jurisdictional Boundary is depicted:

include the following Corps Certification language:

*"This certifies that this copy of this plat accurately depicts the boundary of the jurisdiction of Section 404 of the Clean Water Act as determined by the undersigned on this date. Unless there is a change in the law or our published regulations, the determination of Section 404 jurisdiction may be relied upon for a period not to exceed five (5) years from this date. The undersigned completed this determination utilizing the appropriate Regional Supplement to the 1987 U.S. Army Corps of Engineers Wetlands Delineation Manual."*

Regulatory Official: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

USACE Action ID No.: \_\_\_\_\_



When uplands may be present within a depicted Jurisdictional Boundary:

include the following Corps Certification language:

*"This certifies that this copy of this plat identifies all areas of waters of the United States regulated pursuant to Section 404 of the Clean Water Act as determined by the undersigned on this date. Unless there is change in the law or our published regulations, this determination of Section 404 jurisdiction may be relied upon for a period not to exceed five years from this date. The undersigned completed this determination utilizing the appropriate Regional Supplement to the 1987 U.S. Army Corps of Engineers Wetlands Delineation Manual."*

Regulatory Official: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

USACE Action ID No.: \_\_\_\_\_

## Jurisdictional Determination Request

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### (3) GPS SURVEYS

For Surveys prepared using a Global Positioning System (GPS), the Survey must include all of the above, as well as:

- ☒ be at sub-meter accuracy at each survey point.
- ☒ include an accuracy verification:  
One or more known points (property corner, monument) shall be located with the GPS and cross-referenced with the existing traditional property survey (metes and bounds).
- ☐ include a brief description of the GPS equipment utilized.



BK 2629 PG 582 (3)

This document presented and filed:

12/28/2018 11:22:35 AM

DEED

Fee \$26.00 Excise Tax: \$0.00



20071705

Randolph County North Carolina  
Krista M. Lowe, Register of Deeds

Excise Tax \$ 0.00

Recording Time, Book and Page

Tax Lot No. \_\_\_\_\_ Parcel No./PIN: 7751.92.1296

Verified by \_\_\_\_\_ County on the \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_

by \_\_\_\_\_

✓ Mail after recording to: p/a Wilhoit

This instrument was prepared by: Robert E. Wilhoit ~ 200 Worth Street, Suite A, Asheboro, NC 27203

Brief Description for the index

WITHOUT TITLE EXAMINATION

## NORTH CAROLINA GENERAL WARRANTY DEED

THIS DEED made December 27, 2018, by and between

### GRANTOR

David H. Jarrell and wife,  
Pauline A. Jarrell  
of Randolph County, North Carolina

### GRANTEE

The City of Asheboro, a North Carolina body politic and  
municipal corporation

Mailing Address:  
Post Office Box 1106  
Asheboro, NC 27204

Property Addresses:  
"0" South Cox Street  
Asheboro, NC 27203

Enter in appropriate block for each party: name, address, and, if appropriate, character of entity, e.g., corporation or partnership.

The designation Grantor and Grantee as used herein shall include said parties, their heirs, successors, and assigns, and shall include singular, plural, masculine, feminine or neuter as required by context.

WITNESSETH, that the Grantor, for a valuable consideration paid by the Grantee, the receipt of which is hereby acknowledged, has and by these presents does grant, bargain, sell and convey unto the Grantee in fee simple, all their respective undivided interest and all that certain lot or parcel of land situated in the Asheboro Township, Randolph County, North Carolina and more particularly described as follows:

See Attached Exhibit "A"

This transfer does not include the primary residence of the Grantor.

This deed was prepared on information supplied by the parties hereto and no title examination was requested or performed by Garrett Walker Law Group, PLLC a/k/a Garrett Walker Aycoth & Olson.

This is a deed of gift.

The property hereinabove described was acquired by Grantor by instrument recorded in Deed Book 1979, Page 2336, Randolph County Registry.

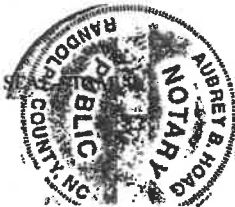
TO HAVE AND TO HOLD the aforesaid lot or parcel of land and all privileges and appurtenances thereto belonging to the Grantee in fee simple.

And the Grantor covenants with the Grantee, that Grantor is seized of the premises in fee simple, has the right to convey the same in fee simple, that title is marketable and free and clear of all encumbrances, and that Grantor will warrant and defend the title against the lawful claims of all persons whomsoever except for the exceptions hereinafter stated.

IN WITNESS WHEREOF, the Grantor has hereunto set his hand and seal, or if corporate, has caused this instrument to be signed in its corporate name by its duly authorized officers and its seal to be hereunto affixed by authority of its Board of Directors, the day and year first above written.

David H. Jarrell (SEAL)  
David H. Jarrell

Pauline A. Jarrell (SEAL)  
Pauline A. Jarrell



NORTH CAROLINA, Randolph County

certify that the following person personally appeared before me this day, acknowledging to me that she voluntarily signed the foregoing document for the purpose stated therein and in the capacity indicated: David H. Jarrell and Pauline A. Jarrell

Date: 12/28/2018

Aubrey B. Hoag  
Aubrey B. Hoag, Notary Public

My Commission Expires: July 7, 2019



**Exhibit "A"**  
**"0" S. Cox Street**  
**Asheboro, NC 27203**

**Asheboro Township, Randolph County, North Carolina:**

**BEGINNING** at an existing iron pipe on the East side of concrete sidewalk on the East side of South Cox Street, the Southwest corner of now or formerly Larry Elliott; thence from said beginning point along Elliott South 82 degrees 33 minutes 04 seconds East 114.59 feet to an existing iron pipe, and North 07 degrees 09 minutes 56 seconds East 109.72 feet to an existing iron pipe; thence South 83 degrees 48 minutes 27 seconds East 5.00 feet; thence North 07 degrees 09 minutes 56 seconds East 35.00 feet to the Walker Southern line; thence along Walker South 83 degrees 48 minutes 27 seconds East 162.19 feet to an existing iron pipe; thence South 07 degrees 09 minutes 56 seconds West 35.00 feet; thence South 83 degrees 48 minutes 27 seconds East 139.46 feet to a new iron pipe in now or formerly Thiel's line; thence South 10 degrees 40 minutes 29 seconds West 273.64 feet to a new iron pipe; thence South 77 degrees 38 minutes 04 seconds East 22.00 feet to an existing iron pipe; thence along now or formerly Larry W. Cagle in part, South 09 degrees 11 minutes 42 seconds West 120.22 feet to an existing iron pipe; thence North 82 degrees 26 minutes 00 seconds West 221.86 feet to an existing iron pipe; thence along now or formerly Edward L. Thomas in part, North 09 degrees 35 minutes 59 seconds East 217.54 feet to an existing iron pipe; thence North 82 degrees 35 minutes 02 seconds West 209.31 feet to an existing iron pipe on the East side of the concrete sidewalk on the East side of Cox Street; thence along the sidewalk, North 07 degrees 02 minutes 55 seconds East 61.09 feet to the point and place of Beginning.

This description is in accord with a survey entitled "Property of Mrs. J.F. McCrary", dated September 30, 1987, prepared by Henley Surveying & Mapping Co. and designated as Job. No. S-938.

BK 2674 PG 1733 (3)

This document presented and filed:

11/08/2019 03:33:04 PM

DEED

Fee \$26.00 Excise Tax: \$330.00



20088372

Randolph County North Carolina  
Krista M. Lowe, Register of Deeds

### NORTH CAROLINA GENERAL WARRANTY DEED

Excise Tax: 330.00

Parcel Identifier No. 7751920210 Verified by \_\_\_\_\_ County on the \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_  
By: \_\_\_\_\_

Mail/Box to: PU IVEY & EGGLESTON

This instrument was prepared by: IVEY & EGGLESTON, Attorneys at Law, 111 Worth Street, Asheboro, NC 27203

Brief description for the Index: LOT 23.245 Sq. Ft (0.534 ac) City Ctr Garden

THIS DEED made this 5th day of November, 2019, by and between

**GRANTOR**

David H. Jarrell and wife Pauline A. Jarrell  
322 Worth Street  
Asheboro, NC 27203

**GRANTEE**

City of Asheboro  
PO Box 1106  
Asheboro, NC 27204

Enter in appropriate block for each Grantor and Grantee: name, mailing address, and, if appropriate, character of entity, e.g. corporation or partnership.

The designation Grantor and Grantee as used herein shall include said parties, their heirs, successors, and assigns, and shall include singular, plural, masculine, feminine or neuter as required by context.

WITNESSETH, that the Grantor, for a valuable consideration paid by the Grantee, the receipt of which is hereby acknowledged, has and by these presents does grant, bargain, sell and convey unto the Grantee in fee simple, all that certain lot, parcel of land or condominium unit situated in the City of \_\_\_\_\_, Asheboro Township, Randolph County, North Carolina and more particularly described as follows:

EXHIBIT "A" ATTACHED HERETO

The property hereinabove described was acquired by Grantor by instrument recorded in Book 2142 page 1347  
All or a portion of the property herein conveyed \_\_\_\_\_ includes or X does not include the primary residence of a Grantor.

A map showing the above described property is recorded in Plat Book 162 page 2.

Page 1 of 2

TO HAVE AND TO HOLD the aforesaid lot or parcel of land and all privileges and appurtenances thereto belonging to the Grantee in fee simple.

And the Grantor covenants with the Grantee, that Grantor is seized of the premises in fee simple, has the right to convey the same in fee simple, that title is marketable and free and clear of all encumbrances, and that Grantor will warrant and defend the title against the lawful claims of all persons whomsoever, other than the following exceptions:

IN WITNESS WHEREOF, the Grantor has duly executed the foregoing as of the day and year first above written.

By: \_\_\_\_\_ (Entity Name) Print/Type Name: David H. Jarrell (SEAL)  
 By: \_\_\_\_\_ Print/Type Name: Pauline A. Jarrell (SEAL)  
 Print/Type Name & Title: \_\_\_\_\_  
 By: \_\_\_\_\_ Print/Type Name: \_\_\_\_\_ (SEAL)  
 Print/Type Name & Title: \_\_\_\_\_  
 By: \_\_\_\_\_ Print/Type Name: \_\_\_\_\_ (SEAL)  
 Print/Type Name & Title: \_\_\_\_\_

State of North Carolina - County or City of Randolph and State aforesaid, certify that  
 I, the undersigned Notary Public of the County or City of Randolph personally appeared before me this day and acknowledged the due  
David H. Jarrell and wife Pauline A. Jarrell execution of the foregoing instrument for the purposes therein expressed. Witness my hand and Notarial stamp or seal this 5th day of  
November, 2019.

My Commission Expires: 7-24-2022 (Affix Seal) Notary's Printed or Typed Name: Deborah B. Moffett  
 Notary Public  
 RANDOLPH COUNTY, NC  
 My Commission Expires 07/24/2023

State of \_\_\_\_\_ - County or City of \_\_\_\_\_ and State aforesaid, certify that  
 I, the undersigned Notary Public of the County or City of \_\_\_\_\_ personally appeared before me this day and acknowledged the due  
 execution of the foregoing instrument for the purposes therein expressed. Witness my hand and Notarial stamp or seal this \_\_\_\_\_ day of  
 \_\_\_\_\_, 20\_\_\_\_.

My Commission Expires: \_\_\_\_\_ (Affix Seal) Notary's Printed or Typed Name: \_\_\_\_\_  
 Notary Public

State of \_\_\_\_\_ - County or City of \_\_\_\_\_ and State aforesaid, certify that  
 I, the undersigned Notary Public of the County or City of \_\_\_\_\_ personally came before me this day and acknowledged that  
he is the \_\_\_\_\_ of \_\_\_\_\_, a North Carolina or  
 \_\_\_\_\_ corporation/limited liability company/general partnership/limited partnership (strike through the  
 inapplicable), and that by authority duly given and as the act of such entity, he signed the foregoing instrument in its name on its  
 behalf as its act and deed. Witness my hand and Notarial stamp or seal, this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

My Commission Expires: \_\_\_\_\_ (Affix Seal) Notary's Printed or Typed Name: \_\_\_\_\_  
 Notary Public



EXHIBIT "A"

LEGAL DESCRIPTION FOR

CITY OF ASHEBORO

ASHEBORO TOWNSHIP, RANDOLPH COUNTY, NORTH CAROLINA:

BEING ALL of that 23,245 square feet (0.534 of an acre) of land, more or less, on the east side of South Cox Street and shown as the "Jarrell Tract 1" on the plat of survey drawn under the supervision of Thomas Scaramastra, Professional Land Surveyor with License Number L-4421, and titled "Property Acquisitions for the City of Asheboro THE DAVID AND PAULINE JARRELL CITY CENTER GARDEN." This plat of survey is recorded in the Office of the Register of Deeds for Randolph County, North Carolina in Plat Book 162, Page 2.

BK 2674 PG 1736 (3)

This document presented and filed:

11/08/2019 03:34:25 PM

DEED  
Fee \$26.00 Excise Tax: \$408.00



20086373

Randolph County North Carolina  
Krista M. Lowe, Register of Deeds

### NORTH CAROLINA GENERAL WARRANTY DEED

Excise Tax: 408.00

Parcel Identifier No. 7751829013 Verified by \_\_\_\_\_ County on the \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_

By: \_\_\_\_\_

Mail/Box to: PU IVEY & EGGLESTON

This instrument was prepared by: IVEY & EGGLESTON, Attorneys at Law, 111 Worth Street, Asheboro, NC 27203

Brief description for the Index: LOT 21,367 Sq. Ft. (.490 Ac) City Ctr Garden

THIS DEED made this 5th day of November, 2019, by and between

**GRANTOR**

Sharon A. Farkas, f/k/a Sharon M. Ahn, unmarried  
205 S. Cox Street  
Asheboro, NC 27203

**GRANTEE**

City of Asheboro  
PO Box 1106  
Asheboro, NC 27204

Enter in appropriate block for each Grantor and Grantee: name, mailing address, and, if appropriate, character of entity, e.g. corporation or partnership.

The designation Grantor and Grantee as used herein shall include said parties, their heirs, successors, and assigns, and shall include singular, plural, masculine, feminine or neuter as required by context.

WITNESSETH, that the Grantor, for a valuable consideration paid by the Grantee, the receipt of which is hereby acknowledged, has and by these presents does grant, bargain, sell and convey unto the Grantee in fee simple, all that certain lot, parcel of land or condominium unit situated in the City of \_\_\_\_\_, \_\_\_\_\_ Township, \_\_\_\_\_ County, North Carolina and more particularly described as follows:

EXHIBIT "A" ATTACHED HERETO

The property hereinabove described was acquired by Grantor by instrument recorded in Book 2218 page 356.  
All or a portion of the property herein conveyed X includes or \_\_\_\_\_ does not include the primary residence of a Grantor.

A map showing the above described property is recorded in Plat Book 162 page 2.

TO HAVE AND TO HOLD the aforesaid lot or parcel of land and all privileges and appurtenances thereto belonging to the Grantee in fee simple.

And the Grantor covenants with the Grantee, that Grantor is seized of the premises in fee simple, has the right to convey the same in fee simple, that title is marketable and free and clear of all encumbrances, and that Grantor will warrant and defend the title against the lawful claims of all persons whomsoever, other than the following exceptions:

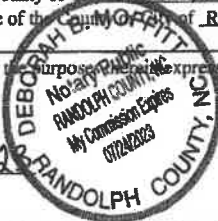
IN WITNESS WHEREOF, the Grantor has duly executed the foregoing as of the day and year first above written.

By: \_\_\_\_\_ (Entity Name) Sharon A. Farkas (SEAL)  
 Print/Type Name: Sharon A. Farkas, f/k/a Sharon M. Aho  
 By: \_\_\_\_\_ (SEAL)  
 Print/Type Name & Title: \_\_\_\_\_ Print/Type Name: \_\_\_\_\_  
 By: \_\_\_\_\_ (SEAL)  
 Print/Type Name & Title: \_\_\_\_\_ Print/Type Name: \_\_\_\_\_  
 By: \_\_\_\_\_ (SEAL)  
 Print/Type Name & Title: \_\_\_\_\_ Print/Type Name: \_\_\_\_\_

State of North Carolina - County or City of Randolph

I, the undersigned Notary Public of the County or City of Randolph and State aforesaid, certify that Sharon A. Farkas, f/k/a Sharon M. Aho personally appeared before me this day and acknowledged the due execution of the foregoing instrument for the purposes therein expressed. Witness my hand and Notarial stamp or seal this 5th day of November, 20 19.

My Commission Expires: 7-24-2023  
 (Affix Seal)



Deborah B. Margett  
 Notary's Printed or Typed Name

State of \_\_\_\_\_ - County or City of \_\_\_\_\_

I, the undersigned Notary Public of the County or City of \_\_\_\_\_ and State aforesaid, certify that \_\_\_\_\_ personally appeared before me this day and acknowledged the due execution of the foregoing instrument for the purposes therein expressed. Witness my hand and Notarial stamp or seal this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

My Commission Expires: \_\_\_\_\_  
 (Affix Seal)

\_\_\_\_\_  
 Notary's Printed or Typed Name

State of \_\_\_\_\_ - County or City of \_\_\_\_\_

I, the undersigned Notary Public of the County or City of \_\_\_\_\_ and State aforesaid, certify that \_\_\_\_\_ personally came before me this day and acknowledged that \_\_\_\_\_ he is the \_\_\_\_\_ of \_\_\_\_\_, a North Carolina or \_\_\_\_\_ corporation/limited liability company/general partnership/limited partnership (strike through the inapplicable), and that by authority duly given and as the act of such entity, \_\_\_\_\_ he signed the foregoing instrument in its name on its behalf as its act and deed. Witness my hand and Notarial stamp or seal, this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

My Commission Expires: \_\_\_\_\_  
 (Affix Seal)

\_\_\_\_\_  
 Notary's Printed or Typed Name



EXHIBIT "A"

LEGAL DESCRIPTION FOR

CITY OF ASHEBORO

ASHEBORO TOWNSHIP, RANDOLPH COUNTY, NORTH CAROLINA:

BEING ALL of that 21,367 square feet (0.490 of an acre) of land, more or less, on the east side of South Cox Street and shown as the "Farkas Tract" on the plat of survey drawn under the supervision of Thomas Scaramastra, Professional Land Surveyor with License Number L-4421, and titled "Property Acquisitions for the City of Asheboro THE DAVID AND PAULINE JARRELL CITY CENTER GARDEN." This plat of survey is recorded in the Office of the Register of Deeds for Randolph County, North Carolina in Plat Book 162, Page 2.

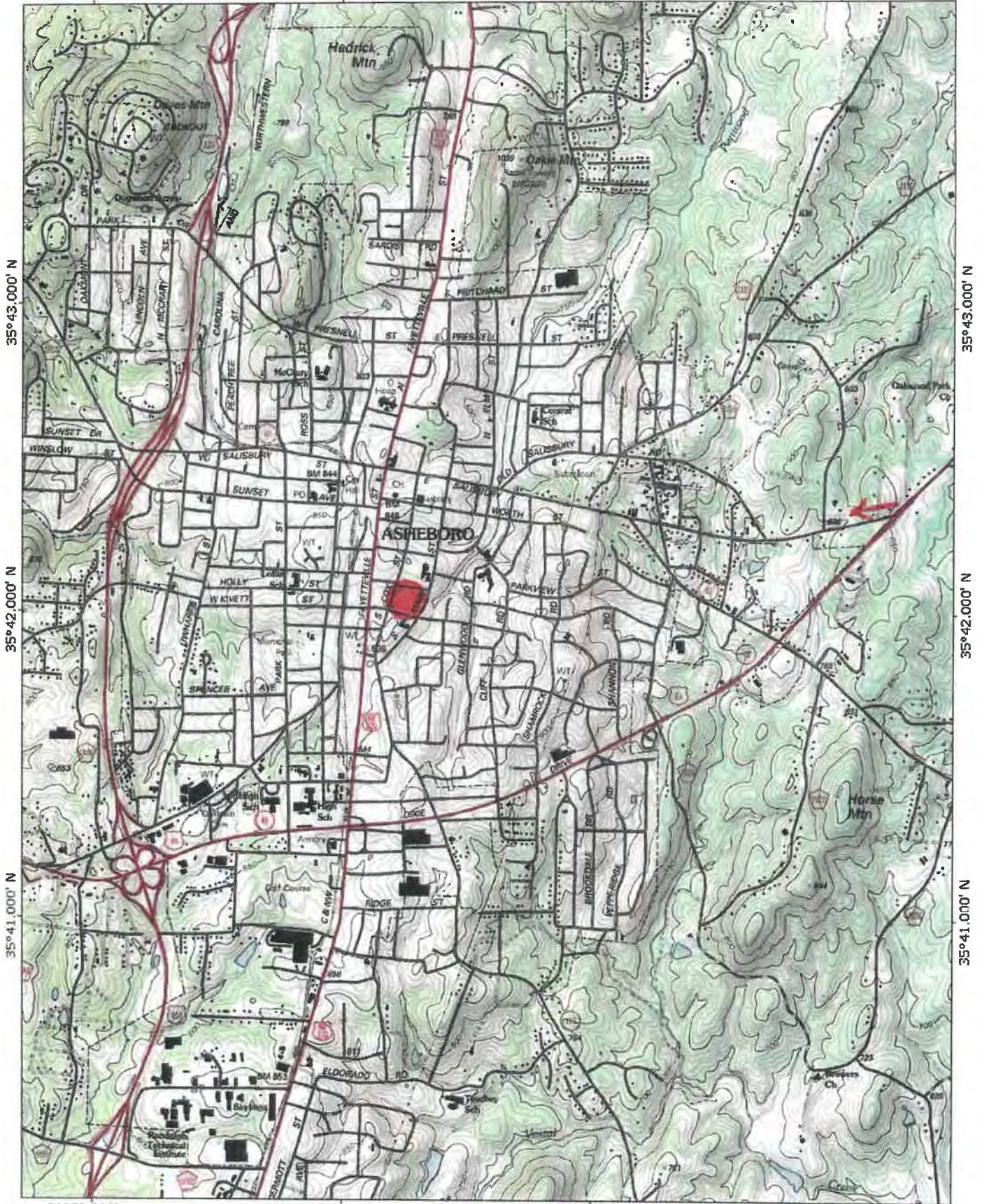


79°50.000' W

79°49.000' W

79°48.000' W

WGS84 79°47.000' W



35°43.000' N

35°42.000' N

35°41.000' N

35°43.000' N

35°42.000' N

35°41.000' N

79°50.000' W

79°49.000' W

79°48.000' W

WGS84 79°47.000' W

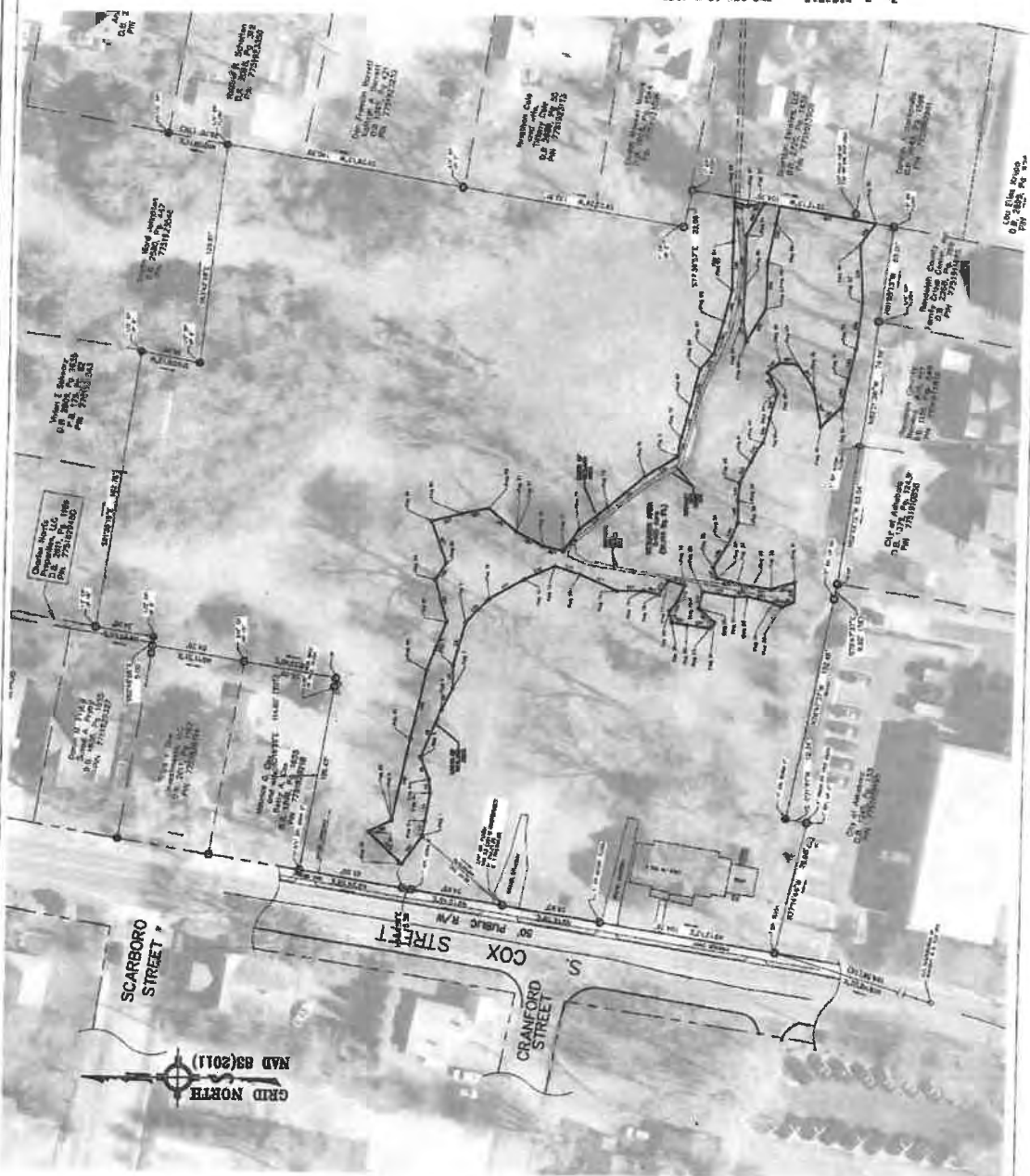
ASHEBORO, NC

0 1000 FEET 0 500 1000 METERS



THE DAVID AND PAULINE JARRELL  
CITY CENTER GARDEN

CITY OF ASHEBORO  
ENGINEERING DEPARTMENT  
148 NORTH CHURCH STREET  
ASHEBORO, NORTH CAROLINA

[illegible][illegible]



# WETLAND DETERMINATION DATA FORM – Atlantic and Gulf Coastal Plain Region

Project/Site: David & Pauline Jarrell Center City Ga City/County: Asheboro Sampling Date: 18 Jan 23  
 Applicant/Owner: City of Asheboro State: NC Sampling Point: 1 - W  
 Investigator(s): Barrett L. Kays Section, Township, Range: South Cox Avenue  
 Landform (hillslope, terrace, etc.): bottomland Local relief (concave, convex, none): Concave Slope (%): 2  
 Subregion (LRR or MLRA): \_\_\_\_\_ Lat: \_\_\_\_\_ Long: \_\_\_\_\_ Datum: \_\_\_\_\_  
 Soil Map Unit Name: Georgeville Silt Loam, 4 to 15% slopes NWI classification: \_\_\_\_\_

Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No \_\_\_\_\_ (If no, explain in Remarks.)  
 Are Vegetation No, Soil No, or Hydrology No significantly disturbed? Are "Normal Circumstances" present? Yes Yes No \_\_\_\_\_  
 Are Vegetation No, Soil No, or Hydrology No naturally problematic? (If needed, explain any answers in Remarks.)

## SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

|                                                       |                                                             |
|-------------------------------------------------------|-------------------------------------------------------------|
| Hydrophytic Vegetation Present? Yes <u>X</u> No _____ | Is the Sampled Area within a Wetland? Yes <u>X</u> No _____ |
| Hydric Soil Present? Yes <u>X</u> No _____            |                                                             |
| Wetland Hydrology Present? Yes <u>X</u> No _____      |                                                             |
| Remarks:                                              |                                                             |

## HYDROLOGY

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Wetland Hydrology Indicators:</b><br><b>Primary Indicators (minimum of one is required; check all that apply)</b><br><input type="checkbox"/> Surface Water (A1) <input type="checkbox"/> Aquatic Fauna (B13)<br><input type="checkbox"/> High Water Table (A2) <input type="checkbox"/> Marl Deposits (B15) (LRR U)<br><input type="checkbox"/> Saturation (A3) <input type="checkbox"/> Hydrogen Sulfide Odor (C1)<br><input checked="" type="checkbox"/> Water Marks (B1) <input type="checkbox"/> Oxidized Rhizospheres along Living Roots (C3)<br><input checked="" type="checkbox"/> Sediment Deposits (B2) <input type="checkbox"/> Presence of Reduced Iron (C4)<br><input type="checkbox"/> Drift Deposits (B3) <input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6)<br><input type="checkbox"/> Algal Mat or Crust (B4) <input type="checkbox"/> Thin Muck Surface (C7)<br><input type="checkbox"/> Iron Deposits (B5) <input type="checkbox"/> Other (Explain in Remarks)<br><input type="checkbox"/> Inundation Visible on Aerial Imagery (B7)<br><input type="checkbox"/> Water-Stained Leaves (B9) |  | <b>Secondary Indicators (minimum of two required)</b><br><input type="checkbox"/> Surface Soil Cracks (B6)<br><input type="checkbox"/> Sparsely Vegetated Concave Surface (B8)<br><input checked="" type="checkbox"/> Drainage Patterns (B10)<br><input type="checkbox"/> Moss Trim Lines (B16)<br><input type="checkbox"/> Dry-Season Water Table (C2)<br><input type="checkbox"/> Crayfish Burrows (C8)<br><input type="checkbox"/> Saturation Visible on Aerial Imagery (C9)<br><input type="checkbox"/> Geomorphic Position (D2)<br><input type="checkbox"/> Shallow Aquitard (D3)<br><input type="checkbox"/> FAC-Neutral Test (D5)<br><input type="checkbox"/> Sphagnum moss (D8) (LRR T, U) |
| <b>Field Observations:</b><br>Surface Water Present? Yes _____ No <u>X</u> Depth (inches): _____<br>Water Table Present? Yes _____ No <u>X</u> Depth (inches): _____<br>Saturation Present? Yes <u>X</u> No _____ Depth (inches): <u>18+</u><br>(includes capillary fringe)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  | <b>Wetland Hydrology Present?</b> Yes <u>X</u> No _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Remarks:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

**VEGETATION (Four Strata) – Use scientific names of plants.**

Sampling Point: \_\_\_\_\_

| Tree Stratum (Plot size: _____)                                                  | Absolute<br>% Cover | Dominant<br>Species? | Indicator<br>Status |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                   |              |                   |             |                        |                 |                       |                  |                    |             |                   |             |                           |                    |
|----------------------------------------------------------------------------------|---------------------|----------------------|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|--------------|-------------------|-------------|------------------------|-----------------|-----------------------|------------------|--------------------|-------------|-------------------|-------------|---------------------------|--------------------|
| 1. <u>Acer rubrum</u>                                                            |                     | X                    | FAC                 | <b>Dominance Test worksheet:</b><br>Number of Dominant Species That Are OBL, FACW, or FAC: <u>4</u> (A)<br><br>Total Number of Dominant Species Across All Strata: <u>4</u> (B)<br><br>Percent of Dominant Species That Are OBL, FACW, or FAC: <u>100</u> (A/B)                                                                                                                                                                                                                                                                                                                                                          |                   |              |                   |             |                        |                 |                       |                  |                    |             |                   |             |                           |                    |
| 2. _____                                                                         |                     |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                   |              |                   |             |                        |                 |                       |                  |                    |             |                   |             |                           |                    |
| 3. _____                                                                         |                     |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                   |              |                   |             |                        |                 |                       |                  |                    |             |                   |             |                           |                    |
| 4. _____                                                                         |                     |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                   |              |                   |             |                        |                 |                       |                  |                    |             |                   |             |                           |                    |
| 5. _____                                                                         |                     |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                   |              |                   |             |                        |                 |                       |                  |                    |             |                   |             |                           |                    |
| 6. _____                                                                         |                     |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                   |              |                   |             |                        |                 |                       |                  |                    |             |                   |             |                           |                    |
| 7. _____                                                                         |                     |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                   |              |                   |             |                        |                 |                       |                  |                    |             |                   |             |                           |                    |
| 8. _____                                                                         |                     |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                   |              |                   |             |                        |                 |                       |                  |                    |             |                   |             |                           |                    |
| _____ = Total Cover                                                              |                     |                      |                     | <b>Prevalence Index worksheet:</b><br><table style="width: 100%;"> <tr> <td style="width: 50%;">Total % Cover of:</td> <td style="width: 50%;">Multiply by:</td> </tr> <tr> <td>OBL species _____</td> <td>x 1 = _____</td> </tr> <tr> <td>FACW species <u>25</u></td> <td>x 2 = <u>50</u></td> </tr> <tr> <td>FAC species <u>75</u></td> <td>x 3 = <u>225</u></td> </tr> <tr> <td>FACU species _____</td> <td>x 4 = _____</td> </tr> <tr> <td>UPL species _____</td> <td>x 5 = _____</td> </tr> <tr> <td>Column Totals: <u>100</u></td> <td>(A) <u>275</u> (B)</td> </tr> </table> Prevalence Index = B/A = <u>2.75</u> | Total % Cover of: | Multiply by: | OBL species _____ | x 1 = _____ | FACW species <u>25</u> | x 2 = <u>50</u> | FAC species <u>75</u> | x 3 = <u>225</u> | FACU species _____ | x 4 = _____ | UPL species _____ | x 5 = _____ | Column Totals: <u>100</u> | (A) <u>275</u> (B) |
| Total % Cover of:                                                                | Multiply by:        |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                   |              |                   |             |                        |                 |                       |                  |                    |             |                   |             |                           |                    |
| OBL species _____                                                                | x 1 = _____         |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                   |              |                   |             |                        |                 |                       |                  |                    |             |                   |             |                           |                    |
| FACW species <u>25</u>                                                           | x 2 = <u>50</u>     |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                   |              |                   |             |                        |                 |                       |                  |                    |             |                   |             |                           |                    |
| FAC species <u>75</u>                                                            | x 3 = <u>225</u>    |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                   |              |                   |             |                        |                 |                       |                  |                    |             |                   |             |                           |                    |
| FACU species _____                                                               | x 4 = _____         |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                   |              |                   |             |                        |                 |                       |                  |                    |             |                   |             |                           |                    |
| UPL species _____                                                                | x 5 = _____         |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                   |              |                   |             |                        |                 |                       |                  |                    |             |                   |             |                           |                    |
| Column Totals: <u>100</u>                                                        | (A) <u>275</u> (B)  |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                   |              |                   |             |                        |                 |                       |                  |                    |             |                   |             |                           |                    |
| 50% of total cover: _____ 20% of total cover: _____                              |                     |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                   |              |                   |             |                        |                 |                       |                  |                    |             |                   |             |                           |                    |
| <b>Sapling/Shrub Stratum (Plot size: _____)</b>                                  |                     |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                   |              |                   |             |                        |                 |                       |                  |                    |             |                   |             |                           |                    |
| 1. <u>Ligustrum amurense</u>                                                     |                     |                      | FAC                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                   |              |                   |             |                        |                 |                       |                  |                    |             |                   |             |                           |                    |
| 2. _____                                                                         |                     |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                   |              |                   |             |                        |                 |                       |                  |                    |             |                   |             |                           |                    |
| 3. _____                                                                         |                     |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                   |              |                   |             |                        |                 |                       |                  |                    |             |                   |             |                           |                    |
| 4. _____                                                                         |                     |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                   |              |                   |             |                        |                 |                       |                  |                    |             |                   |             |                           |                    |
| 5. _____                                                                         |                     |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                   |              |                   |             |                        |                 |                       |                  |                    |             |                   |             |                           |                    |
| 6. _____                                                                         |                     |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                   |              |                   |             |                        |                 |                       |                  |                    |             |                   |             |                           |                    |
| 7. _____                                                                         |                     |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                   |              |                   |             |                        |                 |                       |                  |                    |             |                   |             |                           |                    |
| 8. _____                                                                         |                     |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                   |              |                   |             |                        |                 |                       |                  |                    |             |                   |             |                           |                    |
| _____ = Total Cover                                                              |                     |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                   |              |                   |             |                        |                 |                       |                  |                    |             |                   |             |                           |                    |
| 50% of total cover: _____ 20% of total cover: _____                              |                     |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                   |              |                   |             |                        |                 |                       |                  |                    |             |                   |             |                           |                    |
| <b>Herb Stratum (Plot size: _____)</b>                                           |                     |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                   |              |                   |             |                        |                 |                       |                  |                    |             |                   |             |                           |                    |
| 1. _____                                                                         |                     |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                   |              |                   |             |                        |                 |                       |                  |                    |             |                   |             |                           |                    |
| 2. _____                                                                         |                     |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                   |              |                   |             |                        |                 |                       |                  |                    |             |                   |             |                           |                    |
| 3. _____                                                                         |                     |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                   |              |                   |             |                        |                 |                       |                  |                    |             |                   |             |                           |                    |
| 4. _____                                                                         |                     |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                   |              |                   |             |                        |                 |                       |                  |                    |             |                   |             |                           |                    |
| 5. _____                                                                         |                     |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                   |              |                   |             |                        |                 |                       |                  |                    |             |                   |             |                           |                    |
| 6. _____                                                                         |                     |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                   |              |                   |             |                        |                 |                       |                  |                    |             |                   |             |                           |                    |
| 7. _____                                                                         |                     |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                   |              |                   |             |                        |                 |                       |                  |                    |             |                   |             |                           |                    |
| 8. _____                                                                         |                     |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                   |              |                   |             |                        |                 |                       |                  |                    |             |                   |             |                           |                    |
| 9. _____                                                                         |                     |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                   |              |                   |             |                        |                 |                       |                  |                    |             |                   |             |                           |                    |
| 10. _____                                                                        |                     |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                   |              |                   |             |                        |                 |                       |                  |                    |             |                   |             |                           |                    |
| 11. _____                                                                        |                     |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                   |              |                   |             |                        |                 |                       |                  |                    |             |                   |             |                           |                    |
| 12. _____                                                                        |                     |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                   |              |                   |             |                        |                 |                       |                  |                    |             |                   |             |                           |                    |
| _____ = Total Cover                                                              |                     |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                   |              |                   |             |                        |                 |                       |                  |                    |             |                   |             |                           |                    |
| 50% of total cover: _____ 20% of total cover: _____                              |                     |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                   |              |                   |             |                        |                 |                       |                  |                    |             |                   |             |                           |                    |
| <b>Woody Vine Stratum (Plot size: _____)</b>                                     |                     |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                   |              |                   |             |                        |                 |                       |                  |                    |             |                   |             |                           |                    |
| 1. <u>Smilax herbacera</u>                                                       |                     |                      | FACW                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                   |              |                   |             |                        |                 |                       |                  |                    |             |                   |             |                           |                    |
| 2. <u>Vitis rotundifolia</u>                                                     |                     |                      | FAC                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                   |              |                   |             |                        |                 |                       |                  |                    |             |                   |             |                           |                    |
| 3. _____                                                                         |                     |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                   |              |                   |             |                        |                 |                       |                  |                    |             |                   |             |                           |                    |
| 4. _____                                                                         |                     |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                   |              |                   |             |                        |                 |                       |                  |                    |             |                   |             |                           |                    |
| 5. _____                                                                         |                     |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                   |              |                   |             |                        |                 |                       |                  |                    |             |                   |             |                           |                    |
| _____ = Total Cover                                                              |                     |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                   |              |                   |             |                        |                 |                       |                  |                    |             |                   |             |                           |                    |
| 50% of total cover: _____ 20% of total cover: _____                              |                     |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                   |              |                   |             |                        |                 |                       |                  |                    |             |                   |             |                           |                    |
| <b>Remarks: (If observed, list morphological adaptations below).</b><br><br><br> |                     |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                   |              |                   |             |                        |                 |                       |                  |                    |             |                   |             |                           |                    |

**Hydrophytic Vegetation Indicators:**  
☐ 1 - Rapid Test for Hydrophytic Vegetation  
☒ 2 - Dominance Test is >50%  
☐ 3 - Prevalence Index is ≤3.0<sup>1</sup>  
☐ Problematic Hydrophytic Vegetation<sup>1</sup> (Explain)

**Definitions of Four Vegetation Strata:**  
  
**Tree** – Woody plants, excluding vines, 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.  
  
**Sapling/Shrub** – Woody plants, excluding vines, less than 3 in. DBH and greater than 3.28 ft (1 m) tall.  
  
**Herb** – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.  
  
**Woody vine** – All woody vines greater than 3.28 ft in height.

**Hydrophytic Vegetation Present?**      Yes X      No \_\_\_\_\_

## SOIL

Sampling Point: \_\_\_\_\_

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

| Depth<br>(inches) | Matrix        |     | Redox Features |     |                   |                  | Texture | Remarks                   |
|-------------------|---------------|-----|----------------|-----|-------------------|------------------|---------|---------------------------|
|                   | Color (moist) | %   | Color (moist)  | %   | Type <sup>1</sup> | Loc <sup>2</sup> |         |                           |
| 0 to 8            | 10 YR 3/2     | 100 | 10 YR 3/2      | 100 | RM                | M                | CL      | Very Dark Grayish Brown   |
| 8 to 18           | 10 YR 5/3     | 75  | 10 YR 3/2      | 25  | D                 | M                | CL      | Brown/Very Dark Grayish f |
|                   |               |     |                |     |                   |                  |         |                           |
|                   |               |     |                |     |                   |                  |         |                           |
|                   |               |     |                |     |                   |                  |         |                           |
|                   |               |     |                |     |                   |                  |         |                           |
|                   |               |     |                |     |                   |                  |         |                           |
|                   |               |     |                |     |                   |                  |         |                           |

<sup>1</sup>Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains.<sup>2</sup>Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

- |                                                                        |                                                                                     |
|------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <input type="checkbox"/> Histosol (A1)                                 | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR S, T, U)                 |
| <input type="checkbox"/> Histic Epipedon (A2)                          | <input type="checkbox"/> Thin Dark Surface (S9) (LRR S, T, U)                       |
| <input type="checkbox"/> Black Histic (A3)                             | <input type="checkbox"/> Loamy Mucky Mineral (F1) (LRR O)                           |
| <input type="checkbox"/> Hydrogen Sulfide (A4)                         | <input checked="" type="checkbox"/> Loamy Gleyed Matrix (F2)                        |
| <input type="checkbox"/> Stratified Layers (A5)                        | <input type="checkbox"/> Depleted Matrix (F3)                                       |
| <input type="checkbox"/> Organic Bodies (A6) (LRR P, T, U)             | <input type="checkbox"/> Redox Dark Surface (F6)                                    |
| <input type="checkbox"/> 5 cm Mucky Mineral (A7) (LRR P, T, U)         | <input type="checkbox"/> Depleted Dark Surface (F7)                                 |
| <input type="checkbox"/> Muck Presence (A8) (LRR U)                    | <input type="checkbox"/> Redox Depressions (F8)                                     |
| <input type="checkbox"/> 1 cm Muck (A9) (LRR P, T)                     | <input type="checkbox"/> Marl (F10) (LRR U)                                         |
| <input type="checkbox"/> Depleted Below Dark Surface (A11)             | <input type="checkbox"/> Depleted Ochric (F11) (MLRA 151)                           |
| <input type="checkbox"/> Thick Dark Surface (A12)                      | <input type="checkbox"/> Iron-Manganese Masses (F12) (LRR O, P, T)                  |
| <input type="checkbox"/> Coast Prairie Redox (A16) (MLRA 150A)         | <input type="checkbox"/> Umbric Surface (F13) (LRR P, T, U)                         |
| <input type="checkbox"/> Sandy Mucky Mineral (S1) (LRR O, S)           | <input type="checkbox"/> Delta Ochric (F17) (MLRA 151)                              |
| <input type="checkbox"/> Sandy Gleyed Matrix (S4)                      | <input type="checkbox"/> Reduced Vertic (F18) (MLRA 160A, 160B)                     |
| <input type="checkbox"/> Sandy Redox (S5)                              | <input checked="" type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 149A)     |
| <input type="checkbox"/> Stripped Matrix (S6)                          | <input type="checkbox"/> Anomalous Bright Loamy Soils (F20) (MLRA 149A, 153C, 153D) |
| <input checked="" type="checkbox"/> Dark Surface (S7) (LRR P, S, T, U) |                                                                                     |

Indicators for Problematic Hydric Soils<sup>3</sup>:

- ☐ 1 cm Muck (A9) (LRR O)
- ☐ 2 cm Muck (A10) (LRR S)
- ☐ Reduced Vertic (F18) (outside MLRA 150A,B)
- ☐ Piedmont Floodplain Soils (F19) (LRR P, S, T)
- ☐ Anomalous Bright Loamy Soils (F20) (MLRA 153B)
- ☐ Red Parent Material (TF2)
- ☐ Very Shallow Dark Surface (TF12)
- ☐ Other (Explain in Remarks)

<sup>3</sup>Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (If observed):

Type: None

Depth (inches): \_\_\_\_\_

Hydric Soil Present? Yes X No \_\_\_\_\_

Remarks:





# WETLAND DETERMINATION DATA FORM – Atlantic and Gulf Coastal Plain Region

Project/Site: David & Pauline Jarrell Center City Gar City/County: Asheboro Sampling Date: 18 Jan 23  
 Applicant/Owner: City of Asheboro State: NC Sampling Point: 1 - NW  
 Investigator(s): Barrett L. Kays Section, Township, Range: South Cox Avenue  
 Landform (hillslope, terrace, etc.): bottomland Local relief (concave, convex, none): Convex Slope (%): 8 to 12  
 Subregion (LRR or MLRA): \_\_\_\_\_ Lat: \_\_\_\_\_ Long: \_\_\_\_\_ Datum: \_\_\_\_\_  
 Soil Map Unit Name: Georgeville Silt Loam, 4 to 15% slopes NWI classification: \_\_\_\_\_

Are climatic / hydrologic conditions on the site typical for this time of year? Yes X No \_\_\_\_\_ (If no, explain in Remarks.)  
 Are Vegetation No, Soil No, or Hydrology No significantly disturbed? Are "Normal Circumstances" present? Yes Yes No \_\_\_\_\_  
 Are Vegetation No, Soil No, or Hydrology No naturally problematic? (If needed, explain any answers in Remarks.)

## SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

|                                                       |                                                             |
|-------------------------------------------------------|-------------------------------------------------------------|
| Hydrophytic Vegetation Present? Yes <u>X</u> No _____ | Is the Sampled Area within a Wetland? Yes _____ No <u>X</u> |
| Hydric Soil Present? Yes _____ No <u>X</u>            |                                                             |
| Wetland Hydrology Present? Yes _____ No <u>X</u>      |                                                             |
| Remarks:                                              |                                                             |

## HYDROLOGY

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Wetland Hydrology Indicators:</b><br><u>Primary Indicators (minimum of one is required; check all that apply)</u><br><input type="checkbox"/> Surface Water (A1) <input type="checkbox"/> Aquatic Fauna (B13)<br><input type="checkbox"/> High Water Table (A2) <input type="checkbox"/> Marl Deposits (B15) (LRR U)<br><input type="checkbox"/> Saturation (A3) <input type="checkbox"/> Hydrogen Sulfide Odor (C1)<br><input type="checkbox"/> Water Marks (B1) <input type="checkbox"/> Oxidized Rhizospheres along Living Roots (C3)<br><input type="checkbox"/> Sediment Deposits (B2) <input type="checkbox"/> Presence of Reduced Iron (C4)<br><input type="checkbox"/> Drift Deposits (B3) <input type="checkbox"/> Recent Iron Reduction in Tilled Soils (C6)<br><input type="checkbox"/> Algal Mat or Crust (B4) <input type="checkbox"/> Thin Muck Surface (C7)<br><input type="checkbox"/> Iron Deposits (B5) <input type="checkbox"/> Other (Explain in Remarks)<br><input type="checkbox"/> Inundation Visible on Aerial Imagery (B7)<br><input type="checkbox"/> Water-Stained Leaves (B9) |  | <u>Secondary Indicators (minimum of two required)</u><br><input type="checkbox"/> Surface Soil Cracks (B6)<br><input type="checkbox"/> Sparsely Vegetated Concave Surface (B8)<br><input type="checkbox"/> Drainage Patterns (B10)<br><input type="checkbox"/> Moss Trim Lines (B16)<br><input type="checkbox"/> Dry-Season Water Table (C2)<br><input type="checkbox"/> Crayfish Burrows (C8)<br><input type="checkbox"/> Saturation Visible on Aerial Imagery (C9)<br><input type="checkbox"/> Geomorphic Position (D2)<br><input type="checkbox"/> Shallow Aquitard (D3)<br><input type="checkbox"/> FAC-Neutral Test (D5)<br><input type="checkbox"/> Sphagnum moss (D8) (LRR T, U) |
| <b>Field Observations:</b><br>Surface Water Present? Yes _____ No <u>X</u> Depth (inches): <u>18</u><br>Water Table Present? Yes _____ No <u>X</u> Depth (inches): <u>18</u><br>Saturation Present? Yes _____ No <u>X</u> Depth (inches): <u>18</u><br>(includes capillary fringe)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  | Wetland Hydrology Present? Yes _____ No <u>X</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Remarks:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

**VEGETATION (Four Strata) – Use scientific names of plants.**

Sampling Point: \_\_\_\_\_

| Tree Stratum (Plot size: _____)                                                   | Absolute<br>% Cover | Dominant<br>Species? | Indicator<br>Status |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                   |              |                   |             |                    |             |                        |                  |                    |             |                   |             |                               |                |                                      |  |
|-----------------------------------------------------------------------------------|---------------------|----------------------|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|--------------|-------------------|-------------|--------------------|-------------|------------------------|------------------|--------------------|-------------|-------------------|-------------|-------------------------------|----------------|--------------------------------------|--|
| 1. <i>Carya illinoensis</i>                                                       |                     | X                    | FAC                 | <b>Dominance Test worksheet:</b><br>Number of Dominant Species That Are OBL, FACW, or FAC: <u>1</u> (A)<br><br>Total Number of Dominant Species Across All Strata: <u>1</u> (B)<br><br>Percent of Dominant Species That Are OBL, FACW, or FAC: <u>100</u> (A/B)                                                                                                                                                                                                                                                                                                                                                                                                               |                   |              |                   |             |                    |             |                        |                  |                    |             |                   |             |                               |                |                                      |  |
| 2. _____                                                                          |                     |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                   |              |                   |             |                    |             |                        |                  |                    |             |                   |             |                               |                |                                      |  |
| 3. _____                                                                          |                     |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                   |              |                   |             |                    |             |                        |                  |                    |             |                   |             |                               |                |                                      |  |
| 4. _____                                                                          |                     |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                   |              |                   |             |                    |             |                        |                  |                    |             |                   |             |                               |                |                                      |  |
| 5. _____                                                                          |                     |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                   |              |                   |             |                    |             |                        |                  |                    |             |                   |             |                               |                |                                      |  |
| 6. _____                                                                          |                     |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                   |              |                   |             |                    |             |                        |                  |                    |             |                   |             |                               |                |                                      |  |
| 7. _____                                                                          |                     |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                   |              |                   |             |                    |             |                        |                  |                    |             |                   |             |                               |                |                                      |  |
| 8. _____                                                                          |                     |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                   |              |                   |             |                    |             |                        |                  |                    |             |                   |             |                               |                |                                      |  |
| _____ = Total Cover                                                               |                     |                      |                     | <b>Prevalence Index worksheet:</b><br><table style="width: 100%;"> <tr> <th style="width: 50%;">Total % Cover of:</th> <th style="width: 50%;">Multiply by:</th> </tr> <tr> <td>OBL species _____</td> <td>x 1 = _____</td> </tr> <tr> <td>FACW species _____</td> <td>x 2 = _____</td> </tr> <tr> <td>FAC species <u>100</u></td> <td>x 3 = <u>300</u></td> </tr> <tr> <td>FACU species _____</td> <td>x 4 = _____</td> </tr> <tr> <td>UPL species _____</td> <td>x 5 = _____</td> </tr> <tr> <td>Column Totals: <u>100</u> (A)</td> <td><u>300</u> (B)</td> </tr> <tr> <td colspan="2" style="text-align: center;">Prevalence Index = B/A = <u>3.00</u></td> </tr> </table> | Total % Cover of: | Multiply by: | OBL species _____ | x 1 = _____ | FACW species _____ | x 2 = _____ | FAC species <u>100</u> | x 3 = <u>300</u> | FACU species _____ | x 4 = _____ | UPL species _____ | x 5 = _____ | Column Totals: <u>100</u> (A) | <u>300</u> (B) | Prevalence Index = B/A = <u>3.00</u> |  |
| Total % Cover of:                                                                 | Multiply by:        |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                   |              |                   |             |                    |             |                        |                  |                    |             |                   |             |                               |                |                                      |  |
| OBL species _____                                                                 | x 1 = _____         |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                   |              |                   |             |                    |             |                        |                  |                    |             |                   |             |                               |                |                                      |  |
| FACW species _____                                                                | x 2 = _____         |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                   |              |                   |             |                    |             |                        |                  |                    |             |                   |             |                               |                |                                      |  |
| FAC species <u>100</u>                                                            | x 3 = <u>300</u>    |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                   |              |                   |             |                    |             |                        |                  |                    |             |                   |             |                               |                |                                      |  |
| FACU species _____                                                                | x 4 = _____         |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                   |              |                   |             |                    |             |                        |                  |                    |             |                   |             |                               |                |                                      |  |
| UPL species _____                                                                 | x 5 = _____         |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                   |              |                   |             |                    |             |                        |                  |                    |             |                   |             |                               |                |                                      |  |
| Column Totals: <u>100</u> (A)                                                     | <u>300</u> (B)      |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                   |              |                   |             |                    |             |                        |                  |                    |             |                   |             |                               |                |                                      |  |
| Prevalence Index = B/A = <u>3.00</u>                                              |                     |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                   |              |                   |             |                    |             |                        |                  |                    |             |                   |             |                               |                |                                      |  |
| 50% of total cover: _____ 20% of total cover: _____                               |                     |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                   |              |                   |             |                    |             |                        |                  |                    |             |                   |             |                               |                |                                      |  |
| Sapling/Shrub Stratum (Plot size: _____)                                          |                     |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                   |              |                   |             |                    |             |                        |                  |                    |             |                   |             |                               |                |                                      |  |
| 1. _____                                                                          |                     |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                   |              |                   |             |                    |             |                        |                  |                    |             |                   |             |                               |                |                                      |  |
| 2. _____                                                                          |                     |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                   |              |                   |             |                    |             |                        |                  |                    |             |                   |             |                               |                |                                      |  |
| 3. _____                                                                          |                     |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                   |              |                   |             |                    |             |                        |                  |                    |             |                   |             |                               |                |                                      |  |
| 4. _____                                                                          |                     |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                   |              |                   |             |                    |             |                        |                  |                    |             |                   |             |                               |                |                                      |  |
| 5. _____                                                                          |                     |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                   |              |                   |             |                    |             |                        |                  |                    |             |                   |             |                               |                |                                      |  |
| 6. _____                                                                          |                     |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                   |              |                   |             |                    |             |                        |                  |                    |             |                   |             |                               |                |                                      |  |
| 7. _____                                                                          |                     |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                   |              |                   |             |                    |             |                        |                  |                    |             |                   |             |                               |                |                                      |  |
| 8. _____                                                                          |                     |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                   |              |                   |             |                    |             |                        |                  |                    |             |                   |             |                               |                |                                      |  |
| _____ = Total Cover                                                               |                     |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                   |              |                   |             |                    |             |                        |                  |                    |             |                   |             |                               |                |                                      |  |
| 50% of total cover: _____ 20% of total cover: _____                               |                     |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                   |              |                   |             |                    |             |                        |                  |                    |             |                   |             |                               |                |                                      |  |
| Herb Stratum (Plot size: _____)                                                   |                     |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                   |              |                   |             |                    |             |                        |                  |                    |             |                   |             |                               |                |                                      |  |
| 1. _____                                                                          |                     |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                   |              |                   |             |                    |             |                        |                  |                    |             |                   |             |                               |                |                                      |  |
| 2. _____                                                                          |                     |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                   |              |                   |             |                    |             |                        |                  |                    |             |                   |             |                               |                |                                      |  |
| 3. _____                                                                          |                     |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                   |              |                   |             |                    |             |                        |                  |                    |             |                   |             |                               |                |                                      |  |
| 4. _____                                                                          |                     |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                   |              |                   |             |                    |             |                        |                  |                    |             |                   |             |                               |                |                                      |  |
| 5. _____                                                                          |                     |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                   |              |                   |             |                    |             |                        |                  |                    |             |                   |             |                               |                |                                      |  |
| 6. _____                                                                          |                     |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                   |              |                   |             |                    |             |                        |                  |                    |             |                   |             |                               |                |                                      |  |
| 7. _____                                                                          |                     |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                   |              |                   |             |                    |             |                        |                  |                    |             |                   |             |                               |                |                                      |  |
| 8. _____                                                                          |                     |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                   |              |                   |             |                    |             |                        |                  |                    |             |                   |             |                               |                |                                      |  |
| 9. _____                                                                          |                     |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                   |              |                   |             |                    |             |                        |                  |                    |             |                   |             |                               |                |                                      |  |
| 10. _____                                                                         |                     |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                   |              |                   |             |                    |             |                        |                  |                    |             |                   |             |                               |                |                                      |  |
| 11. _____                                                                         |                     |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                   |              |                   |             |                    |             |                        |                  |                    |             |                   |             |                               |                |                                      |  |
| 12. _____                                                                         |                     |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                   |              |                   |             |                    |             |                        |                  |                    |             |                   |             |                               |                |                                      |  |
| _____ = Total Cover                                                               |                     |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                   |              |                   |             |                    |             |                        |                  |                    |             |                   |             |                               |                |                                      |  |
| 50% of total cover: _____ 20% of total cover: _____                               |                     |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                   |              |                   |             |                    |             |                        |                  |                    |             |                   |             |                               |                |                                      |  |
| Woody Vine Stratum (Plot size: _____)                                             |                     |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                   |              |                   |             |                    |             |                        |                  |                    |             |                   |             |                               |                |                                      |  |
| 1. _____                                                                          |                     |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                   |              |                   |             |                    |             |                        |                  |                    |             |                   |             |                               |                |                                      |  |
| 2. _____                                                                          |                     |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                   |              |                   |             |                    |             |                        |                  |                    |             |                   |             |                               |                |                                      |  |
| 3. _____                                                                          |                     |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                   |              |                   |             |                    |             |                        |                  |                    |             |                   |             |                               |                |                                      |  |
| 4. _____                                                                          |                     |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                   |              |                   |             |                    |             |                        |                  |                    |             |                   |             |                               |                |                                      |  |
| 5. _____                                                                          |                     |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                   |              |                   |             |                    |             |                        |                  |                    |             |                   |             |                               |                |                                      |  |
| _____ = Total Cover                                                               |                     |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                   |              |                   |             |                    |             |                        |                  |                    |             |                   |             |                               |                |                                      |  |
| 50% of total cover: _____ 20% of total cover: _____                               |                     |                      |                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                   |              |                   |             |                    |             |                        |                  |                    |             |                   |             |                               |                |                                      |  |
| Remarks: (If observed, list morphological adaptations below).<br><br><br><br><br> |                     |                      |                     | <b>Hydrophytic Vegetation Indicators:</b><br><input type="checkbox"/> 1 - Rapid Test for Hydrophytic Vegetation<br><input checked="" type="checkbox"/> 2 - Dominance Test is >50%<br><input type="checkbox"/> 3 - Prevalence Index is ≤3.0 <sup>1</sup><br><input type="checkbox"/> Problematic Hydrophytic Vegetation <sup>1</sup> (Explain)                                                                                                                                                                                                                                                                                                                                 |                   |              |                   |             |                    |             |                        |                  |                    |             |                   |             |                               |                |                                      |  |
|                                                                                   |                     |                      |                     | <b>Definitions of Four Vegetation Strata:</b><br><br><b>Tree</b> – Woody plants, excluding vines, 3 in. (7.6 cm) or more in diameter at breast height (DBH), regardless of height.<br><br><b>Sapling/Shrub</b> – Woody plants, excluding vines, less than 3 in. DBH and greater than 3.28 ft (1 m) tall.<br><br><b>Herb</b> – All herbaceous (non-woody) plants, regardless of size, and woody plants less than 3.28 ft tall.<br><br><b>Woody vine</b> – All woody vines greater than 3.28 ft in height.                                                                                                                                                                      |                   |              |                   |             |                    |             |                        |                  |                    |             |                   |             |                               |                |                                      |  |
|                                                                                   |                     |                      |                     | <b>Hydrophytic Vegetation Present?</b> Yes <u>X</u> No _____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                   |              |                   |             |                    |             |                        |                  |                    |             |                   |             |                               |                |                                      |  |

## SOIL

Sampling Point: \_\_\_\_\_

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

| Depth<br>(inches) | Matrix        |     | Redox Features |   |                   |                  | Texture | Remarks          |
|-------------------|---------------|-----|----------------|---|-------------------|------------------|---------|------------------|
|                   | Color (moist) | %   | Color (moist)  | % | Type <sup>1</sup> | Loc <sup>2</sup> |         |                  |
| 0 to 6            | 10 YR 4/3     | 100 |                |   |                   |                  | CL      | Dark Brown/Brown |
| 6 to 18           | 2.5 YR 5/4    | 85  |                |   |                   |                  | C       | Reddish Brown    |
|                   | 10 YR 5/4     | 15  |                |   |                   |                  | C       | Yellowish Brown  |
|                   |               |     |                |   |                   |                  |         |                  |
|                   |               |     |                |   |                   |                  |         |                  |
|                   |               |     |                |   |                   |                  |         |                  |
|                   |               |     |                |   |                   |                  |         |                  |

<sup>1</sup>Type: C=Concentration, D=Depletion, RM=Reduced Matrix, MS=Masked Sand Grains.<sup>2</sup>Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

- |                                                                |                                                                                     |
|----------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <input type="checkbox"/> Histosol (A1)                         | <input type="checkbox"/> Polyvalue Below Surface (S8) (LRR S, T, U)                 |
| <input type="checkbox"/> Histic Epipedon (A2)                  | <input type="checkbox"/> Thin Dark Surface (S9) (LRR S, T, U)                       |
| <input type="checkbox"/> Black Histic (A3)                     | <input type="checkbox"/> Loamy Mucky Mineral (F1) (LRR O)                           |
| <input type="checkbox"/> Hydrogen Sulfide (A4)                 | <input type="checkbox"/> Loamy Gleyed Matrix (F2)                                   |
| <input type="checkbox"/> Stratified Layers (A5)                | <input type="checkbox"/> Depleted Matrix (F3)                                       |
| <input type="checkbox"/> Organic Bodies (A6) (LRR P, T, U)     | <input type="checkbox"/> Redox Dark Surface (F6)                                    |
| <input type="checkbox"/> 5 cm Mucky Mineral (A7) (LRR P, T, U) | <input type="checkbox"/> Depleted Dark Surface (F7)                                 |
| <input type="checkbox"/> Muck Presence (A8) (LRR U)            | <input type="checkbox"/> Redox Depressions (F8)                                     |
| <input type="checkbox"/> 1 cm Muck (A9) (LRR P, T)             | <input type="checkbox"/> Marl (F10) (LRR U)                                         |
| <input type="checkbox"/> Depleted Below Dark Surface (A11)     | <input type="checkbox"/> Depleted Ochric (F11) (MLRA 151)                           |
| <input type="checkbox"/> Thick Dark Surface (A12)              | <input type="checkbox"/> Iron-Manganese Masses (F12) (LRR O, P, T)                  |
| <input type="checkbox"/> Coast Prairie Redox (A16) (MLRA 150A) | <input type="checkbox"/> Umbric Surface (F13) (LRR P, T, U)                         |
| <input type="checkbox"/> Sandy Mucky Mineral (S1) (LRR O, S)   | <input type="checkbox"/> Delta Ochric (F17) (MLRA 161)                              |
| <input type="checkbox"/> Sandy Gleyed Matrix (S4)              | <input type="checkbox"/> Reduced Vertic (F18) (MLRA 160A, 150B)                     |
| <input type="checkbox"/> Sandy Redox (S5)                      | <input type="checkbox"/> Piedmont Floodplain Soils (F19) (MLRA 149A)                |
| <input type="checkbox"/> Stripped Matrix (S6)                  | <input type="checkbox"/> Anomalous Bright Loamy Soils (F20) (MLRA 149A, 153C, 153D) |
| <input type="checkbox"/> Dark Surface (S7) (LRR P, S, T, U)    |                                                                                     |

Indicators for Problematic Hydric Soils<sup>3</sup>:

- ☐ 1 cm Muck (A9) (LRR O)
- ☐ 2 cm Muck (A10) (LRR S)
- ☐ Reduced Vertic (F18) (outside MLRA 150A,B)
- ☐ Piedmont Floodplain Soils (F19) (LRR P, S, T)
- ☐ Anomalous Bright Loamy Soils (F20)
- (MLRA 153B)**
- ☐ Red Parent Material (TF2)
- ☐ Very Shallow Dark Surface (TF12)
- ☐ Other (Explain in Remarks)

<sup>3</sup>Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if observed):

Type: None

Depth (inches): \_\_\_\_\_

Hydric Soil Present? Yes \_\_\_\_\_ No X

Remarks:





**U.S. ARMY CORPS OF ENGINEERS  
APPLICATION FOR DEPARTMENT OF THE ARMY PERMIT  
33 CFR 325. The proponent agency is CECW-CO-R.**

OMB APPROVAL NO. 0710-0003  
EXPIRES: 28 FEBRUARY 2013

Public reporting for this collection of information is estimated to average 11 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of the collection of information, including suggestions for reducing this burden, to Department of Defense, Washington Headquarters, Executive Services and Communications Directorate, Information Management Division and to the Office of Management and Budget, Paperwork Reduction Project (0710-0003). Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please DO NOT RETURN your form to either of those addresses. Completed applications must be submitted to the District Engineer having jurisdiction over the location of the proposed activity.

**PRIVACY ACT STATEMENT**

Authorities: Rivers and Harbors Act, Section 10, 33 USC 403; Clean Water Act, Section 404, 33 USC 1344; Marine Protection, Research, and Sanctuaries Act, Section 103, 33 USC 1413; Regulatory Programs of the Corps of Engineers; Final Rule 33 CFR 320-332. Principal Purpose: Information provided on this form will be used in evaluating the application for a permit. Routine Uses: This information may be shared with the Department of Justice and other federal, state, and local government agencies, and the public and may be made available as part of a public notice as required by Federal law. Submission of requested information is voluntary, however, if information is not provided the permit application cannot be evaluated nor can a permit be issued. One set of original drawings or good reproducible copies which show the location and character of the proposed activity must be attached to this application (see sample drawings and/or instructions) and be submitted to the District Engineer having jurisdiction over the location of the proposed activity. An application that is not completed in full will be returned.

**(ITEMS 1 THRU 4 TO BE FILLED BY THE CORPS)**

|                    |                      |                  |                              |
|--------------------|----------------------|------------------|------------------------------|
| 1. APPLICATION NO. | 2. FIELD OFFICE CODE | 3. DATE RECEIVED | 4. DATE APPLICATION COMPLETE |
|--------------------|----------------------|------------------|------------------------------|

**(ITEMS BELOW TO BE FILLED BY APPLICANT)**

|                                                                                                                                                                                    |  |                                                                                                                                                                                                                       |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| 5. APPLICANT'S NAME<br>First - John                      Middle - N.                      Last - Ogburn<br>Company - City of Asheboro, City Manager<br>E-mail Address -            |  | 8. AUTHORIZED AGENT'S NAME AND TITLE (agent is not required)<br>First - Barrett                      Middle - L.                      Last - Kays<br>Company - Landis, PLLC<br>E-mail Address - barrettkays@gmail.com |  |
| 6. APPLICANT'S ADDRESS:<br>Address- 146 North Church Street<br>City - Asheboro                      State - NC                      Zip - 27204                      Country - USA |  | 9. AGENT'S ADDRESS:<br>Address- 3908 Bentley Brook Drive<br>City - Raleigh                      State - NC                      Zip - 27612                      Country - USA                                        |  |
| 7. APPLICANT'S PHONE NOS. w/AREA CODE<br>a. Residence                      b. Business                      c. Fax<br>336-626-1201                      336-626-1218               |  | 10. AGENTS PHONE NOS. w/AREA CODE<br>a. Residence                      b. Business                      c. Fax<br>Cell 919-696-6930                      919-787-1617                                                 |  |

**STATEMENT OF AUTHORIZATION**

11. I hereby authorize, Barrett L. Kays to act in my behalf as my agent in the processing of this application and to furnish, upon request, supplemental information in support of this permit application.

\_\_\_\_\_  
SIGNATURE OF APPLICANT

\_\_\_\_\_  
DATE

**NAME, LOCATION, AND DESCRIPTION OF PROJECT OR ACTIVITY**

|                                                                                                                                                                                                 |  |                                                                                                                                                              |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| 12. PROJECT NAME OR TITLE (see instructions)<br>David and Pauline Jarrell Center City Garden                                                                                                    |  |                                                                                                                                                              |  |
| 13. NAME OF WATERBODY, IF KNOWN (if applicable)<br>Unnamed Stream                                                                                                                               |  | 14. PROJECT STREET ADDRESS (if applicable)<br>Address 205 South Cox Street<br>City - Asheboro                      State- NC                      Zip- 27603 |  |
| 15. LOCATION OF PROJECT<br>Latitude: •N 35 42.256                      Longitude: •W 79 48.723                                                                                                  |  |                                                                                                                                                              |  |
| 16. OTHER LOCATION DESCRIPTIONS, IF KNOWN (see instructions)<br>State Tax Parcel ID                      Municipality<br>Section -                      Township -                      Range - |  |                                                                                                                                                              |  |

**17. DIRECTIONS TO THE SITE**

Traveling West on US 64, Exit onto Salisbury Street, Left onto S. Cox Street, Go to 205 S. Cox Street

**18. Nature of Activity (Description of project, include all features)**

The David and Pauline Jarrell Center City Garden is being developed as a garden and park by the City of Asheboro. A parking lot is to be constructed in the upland landscape. About one-half of unnamed tributary stream has been culverted many years ago and the pipes are broken and the City is proposing to removed the pipes and to daylight the stream with ripples and pools. On the lower stream channel access will be provided via elevated walkway above the flood elevation. The other wetland areas will be protected and will remain natural.

**19. Project Purpose (Describe the reason or purpose of the project, see instructions)**

The project purpose is protect the property as a public garden and park for the enjoyment of the public.

**USE BLOCKS 20-23 IF DREDGED AND/OR FILL MATERIAL IS TO BE DISCHARGED****20. Reason(s) for Discharge**

- a. The proposed discharge will consist of footings for the elevated walkway.
- b. The proposed discharge will consist of day lighting of the stream channel to the north and east of the parking lot.

**21. Type(s) of Material Being Discharged and the Amount of Each Type in Cubic Yards:**

| Type<br>Amount in Cubic Yards   | Type<br>Amount in Cubic Yards | Type<br>Amount in Cubic Yards |
|---------------------------------|-------------------------------|-------------------------------|
| Concrete footings 4-cubic yards |                               |                               |

**22. Surface Area in Acres of Wetlands or Other Waters Filled (see instructions)**

Acres 0.093 acres of wetlands impacted by day lighting the culverted portion of the unnamed stream  
or  
Linear Feet

**23. Description of Avoidance, Minimization, and Compensation (see instructions)**

The design of the garden and park has been prepared to avoid wetland impacts if at all possible, and to minimize impacts by use of elevated walkways.

24. Is Any Portion of the Work Already Complete? ☐ Yes ☒ No IF YES, DESCRIBE THE COMPLETED WORK

25. Addresses of Adjoining Property Owners, Lessees, Etc., Whose Property Adjoins the Waterbody (if more than can be entered here, please attach a supplemental list).

a. Address- Sheridon Estates, LLC, 202 South Main Street

City - Asheboro

State - North Carolina

Zip - 27603

b. Address- Carolyn T. Santanella, 208 South Main Street

City - Asheboro

State - North Carolina

Zip - 27603

c. Address-

City -

State -

Zip -

d. Address-

City -

State -

Zip -

e. Address-

City -

State -

Zip -

26. List of Other Certificates or Approvals/Denials received from other Federal, State, or Local Agencies for Work Described In This Application.

| AGENCY | TYPE APPROVAL* | IDENTIFICATION<br>NUMBER | DATE APPLIED | DATE APPROVED | DATE DENIED |
|--------|----------------|--------------------------|--------------|---------------|-------------|
|        |                |                          |              |               |             |
|        |                |                          |              |               |             |
|        |                |                          |              |               |             |
|        |                |                          |              |               |             |

\* Would include but is not restricted to zoning, building, and flood plain permits

27. Application is hereby made for permit or permits to authorize the work described in this application. I certify that this information in this application is complete and accurate. I further certify that I possess the authority to undertake the work described herein or am acting as the duly authorized agent of the applicant.

SIGNATURE OF APPLICANT

12/31/2023  
DATE

SIGNATURE OF AGENT

DATE

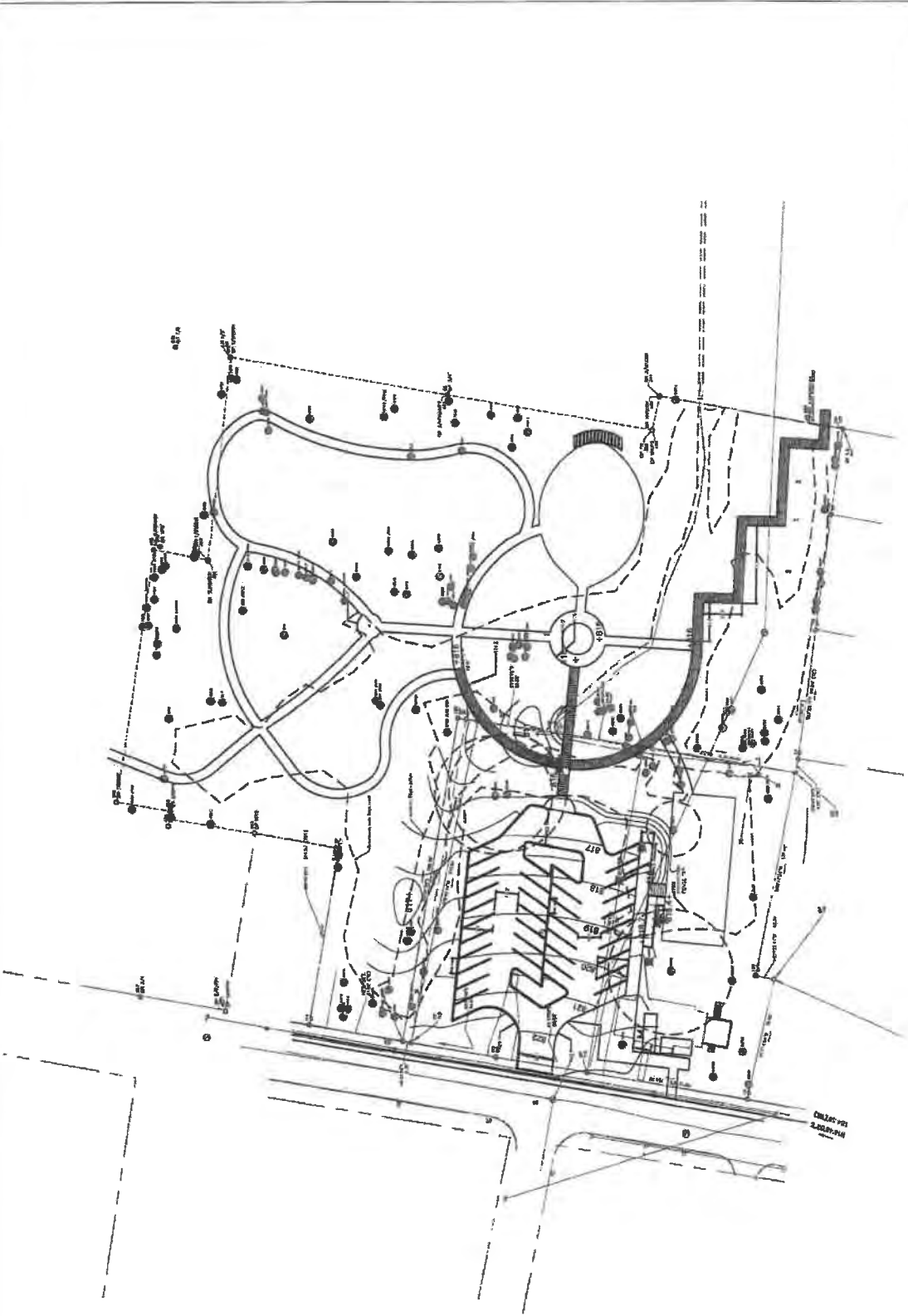
The Application must be signed by the person who desires to undertake the proposed activity (applicant) or it may be signed by a duly authorized agent if the statement in block 11 has been filled out and signed.

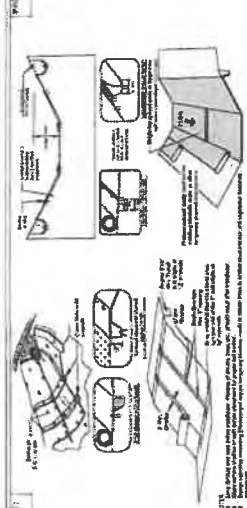
18 U.S.C. Section 1001 provides that: Whoever, in any manner within the jurisdiction of any department or agency of the United States knowingly and willfully falsifies, conceals, or covers up any trick, scheme, or disguises a material fact or makes any false, fictitious or fraudulent statements or representations or makes or uses any false writing or document knowing same to contain any false, fictitious or fraudulent statements or entry, shall be fined not more than \$10,000 or imprisoned not more than five years or both.



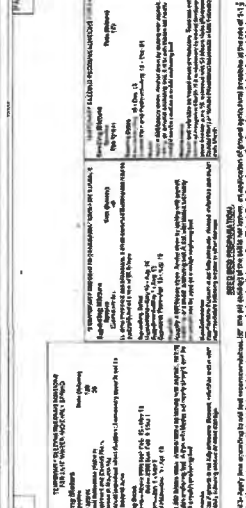
[illegible]

|                                                                                                                                                                                                     |                    |                          |                  |              |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|--------------------------|------------------|--------------|
| COMMENTS<br><br>                                                                                                                                                                                    |                    | No.<br><br>              | Revision<br><br> | Date<br><br> |
| DRAWN BY:<br>BARRETT L. JANE, P.E., CPE, L.E., P.E., S.E., S.A.<br>1800 UNIVERSITY AVENUE, SUITE 200<br>1800 UNIVERSITY AVENUE, SUITE 200<br>1800 UNIVERSITY AVENUE, SUITE 200<br>WWW.LANDMARKS.COM |                    |                          |                  |              |
| PROJECT:<br>CITY OF ANNEBORO<br>1100 N. JEFFERSON STREET<br>ANNEBORO, MA 01921                                                                                                                      |                    |                          |                  |              |
| Project<br>CENTER CITY GARDEN                                                                                                                                                                       | Sheet<br>0005 PLAN | Scale<br>1"=20'<br>1:200 |                  |              |

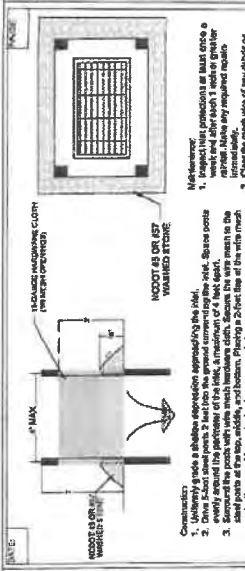


[illegible]

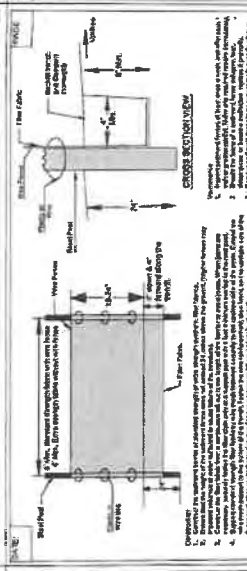
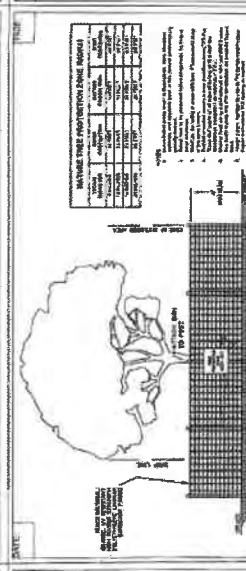
1. The first step is to determine the number of subjects who are eligible for the study. This is done by reviewing the medical records of all subjects who have been referred to the study.
2. The second step is to determine the number of subjects who are actually enrolled in the study. This is done by reviewing the enrollment list.
3. The third step is to determine the number of subjects who are actually completing the study. This is done by reviewing the completion list.
4. The fourth step is to determine the number of subjects who are actually dropping out of the study. This is done by reviewing the dropout list.
5. The fifth step is to determine the number of subjects who are actually being lost to follow-up. This is done by reviewing the lost to follow-up list.
6. The sixth step is to determine the number of subjects who are actually being excluded from the study. This is done by reviewing the exclusion list.
7. The seventh step is to determine the number of subjects who are actually being included in the study. This is done by reviewing the inclusion list.
8. The eighth step is to determine the number of subjects who are actually being analyzed in the study. This is done by reviewing the analysis list.
9. The ninth step is to determine the number of subjects who are actually being reported in the study. This is done by reviewing the report list.
10. The tenth step is to determine the number of subjects who are actually being published in the study. This is done by reviewing the publication list.

[illegible]

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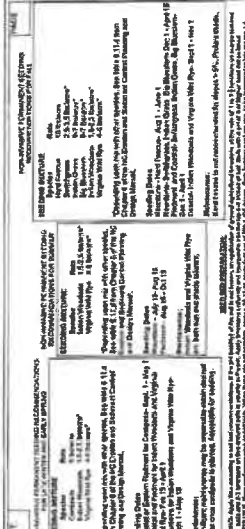
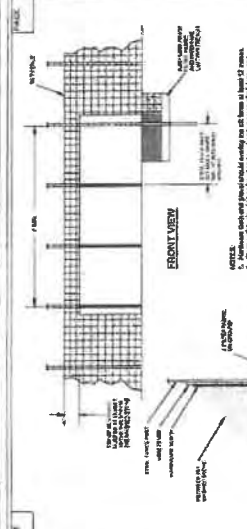
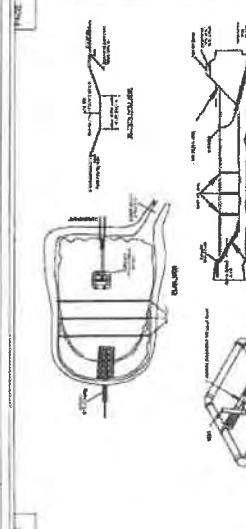
- Place chain saw (NO DCS or ESR) around a 2" scope with a height of 16 inches around tree base, and insert it in an even groove.
- Use the contributing equipment base has been split and, remove accumulated sawdust, and establish final grading elevations.
- Compact the area properly and stabilize with groundcover.

[illegible][illegible]

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[illegible][illegible][illegible]

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[illegible]





**From:** [Jennifer Wagner](#)  
**To:** [Trevor Nuttall](#)  
**Subject:** Fw: [External Sender] NCDEQ Erosion & Sedimentation Control Letter of Plan Approval with Modifications Needed CRM:0170238  
**Date:** Wednesday, October 30, 2024 10:30:42 AM  
**Attachments:** [RANDO-2025-0131\\_David & Pauline Jarrell Center City Garden.pdf](#)  
[Application Report - Wednesday, October 30, 2024 855 AM.pdf](#)

---

APPROVED!! Now, that's what I call a fast permit process. We now have all permits in hand to proceed with work.

Jennifer Wagner, PLA  
Prospect Landscape Architecture  
919-607-0025  
[www.prospect-la.com](http://www.prospect-la.com)

---

**From:** SVC\_DoNotReply-DEQPermits <DoNotReply-DEQPermits@deq.nc.gov>  
**Sent:** Wednesday, October 30, 2024 8:59 AM  
**To:** City of Asheboro <jogburn@ci.asheboro.nc.us>; Prospect Landscape Architecture, PLLC <jenwagnerlandscape@gmail.com>  
**Subject:** NCDEQ Erosion & Sedimentation Control Letter of Plan Approval with Modifications Needed CRM:0170238



North Carolina Department of Environmental Quality

Division of Energy, Mineral & Land Resources

Land Quality Section

**Roy Cooper**

*Governor*

**Mary Penny Kelley**

*Secretary*

**William Vinson Jr. (Acting)**

*Director*

10-30-2024

**LETTER OF APPROVAL WITH MODIFICATIONS**

City of Asheboro  
PO Box 1106  
Asheboro, NC 27204

RE: Project Name: David & Pauline Jarrell Center City Garden



Acres Approved: 1.29

Application ID: PA-007462

Permit Number: RANDO-2025-0131

Address: 205 S. Cox Street

City: Asheboro

County: Randolph

River Basin: Cape Fear

Stream Classification: C: Aquatic Life, Secondary Contact Recreation, Fresh water

Plan Type: New Plan

Dear City of Asheboro,

This office has reviewed the subject erosion and sedimentation control plan. We find the plan to be acceptable with modifications and hereby issue this Letter of Approval with Modifications. The Modifications Required for Approval are listed on the attached page. The Certificate of Approval must be posted at the job site. Please see the attached Application Report (FRO form), Letter of Approval (LOA) and the Certificate of Approval (COA), if

applicable. This plan approval shall expire three (3) years following the date of approval, if no land-disturbing activity has been undertaken, as is required by Title 15A NCAC 4B .0129.

The attached, signed, digital copy of the letter may be used to submit with your electronic Notice of Intent (eNOI) in order to receive your Certificate of Coverage (COC). As of April 1, 2019, all new construction activities are required to complete and submit an electronic Notice of Intent (eNOI) form requesting a Certificate of Coverage (COC) under the NCG010000 Construction General Permit. After the form is reviewed and found to be complete, you will receive a link with payment instructions for the \$120 annual permit fee. After the fee is processed, you will receive the COC via email. As the Financially Responsible Party shown on the FRO form submitted for this project, you MUST obtain the COC prior to commencement of any land disturbing activity. The eNOI form may be accessed at [deq.nc.gov/NCG01](http://deq.nc.gov/NCG01). Please direct questions about the eNOI form to the [Stormwater Program staff](#) in the Raleigh central office. If the owner/operator of this project changes in the future, the new responsible party must obtain a new COC.

Title 15A NCAC 4B .0118(a) and the NCG01 permit require that the following documentation be kept on file at the job site:

1. The approved E&SC plan as well as any approved deviation.
2. The NCG01 permit and the COC, once it is received.
3. Records of inspections made during the previous 12 months.

Also, this letter gives the notice required by G.S. 113A-61.1(a) of our right of periodic inspection to ensure compliance with the approved plan.

North Carolina's Sedimentation Pollution Control Act is performance-oriented, requiring protection of existing natural resources and adjoining properties. If, following the commencement of this project, the erosion and sedimentation control plan is inadequate to meet the requirements of the Sedimentation Pollution Control Act of 1973 (North Carolina General Statute 113A-51 through 66), this office may require revisions to the plan and implementation of the revisions to insure compliance with the Act.

Acceptance and approval of this plan is conditioned upon your compliance with Federal and State water quality laws, regulations, and rules. In addition, local city or county ordinances or rules may also apply to this land-disturbing activity. This approval does not supersede any other permit or approval.

Please note that this approval is based in part on the accuracy of the information provided in the Financial Responsibility/Ownership Form, which you provided. You are requested to file an amended form if there is any change in the information included on the form. This permit allows for a land-disturbance, as called for on the application and plan, not to exceed the approved acres. Exceeding the acreage can be a violation of this permit and may require a revised plan and additional application fee. In addition, it would be helpful if you notify this office of a change to the proposed starting date for this project.

### **Modifications Required for Approval:**

Please notify this office prior to your pre-construction conference for this project by calling (336) 776-9800 and asking to speak with the Land Quality inspector for your county. [GS 113A-51, 15A NCAC 4B .0120]

### **General Comments:**

1. Please print this email as your Letter of Approval for your NCG010000 Certificate of Coverage application.

2. Please notify this office prior to your pre-construction conference for this project by calling (336) 776-9800 and asking to speak with the Land Quality inspector for your county. Permission must be obtained and granted from NC DEQ DEMLR prior to the removal of any ESC measures. All additional permits should be obtained, as necessary, prior to beginning

construction. [GS 113A-51, 15A NCAC 4B .0120]

3. Any off-site borrow and waste required for this project must come from a site with an approved erosion control plan, a site regulated under the Mining Act of 1971, or a landfill regulated by the Division of Solid Waste Management. Trash/debris from demolition activities or generated by any activities on site must be disposed of at a facility regulated by the Division of Solid Waste Management or per Division of Solid Waste Management or Division of Water Resources rules and regulations. [15A NCAC 4B .0110]

4. Additional measures may be required - The applicant is responsible for the control of sediment on-site. If the approved erosion and sedimentation control measures prove insufficient, the applicant must take those additional steps necessary to stop sediment from leaving this site. [15A NCAC 4B .0115]

5. The NCG01 has a \$120 yearly fee and our office often receives closure inspection requests days prior to yearly NCG01 fee payment due dates. Be advised the project requires a closure inspection report by DEMLR prior to filing the Notice of Termination (NOT) to terminate NCG01 coverage. The closure inspection should not be requested until after the site has achieved full vegetative stabilization and measures have been removed. The removal of temporary ESC measures, including basins, requires prior approval. Often, a full growing season is necessary between initial seeding/mulching and removal of measures. Please plan your construction accordingly to avoid contacting our office prematurely for a closure inspection. Also be advised you may be asked for representative site pictures prior to a closure inspection. [General Comment]

Your cooperation is appreciated.

Sincerely,  
Jack Lawry-Popelka, EIT  
336-776-9659

North Carolina Department of Environmental Quality  
Division of Energy, Mineral & Land Resources  
Land Quality Section

Enclosures: Certificate of Approval  
Modifications Required for Approval





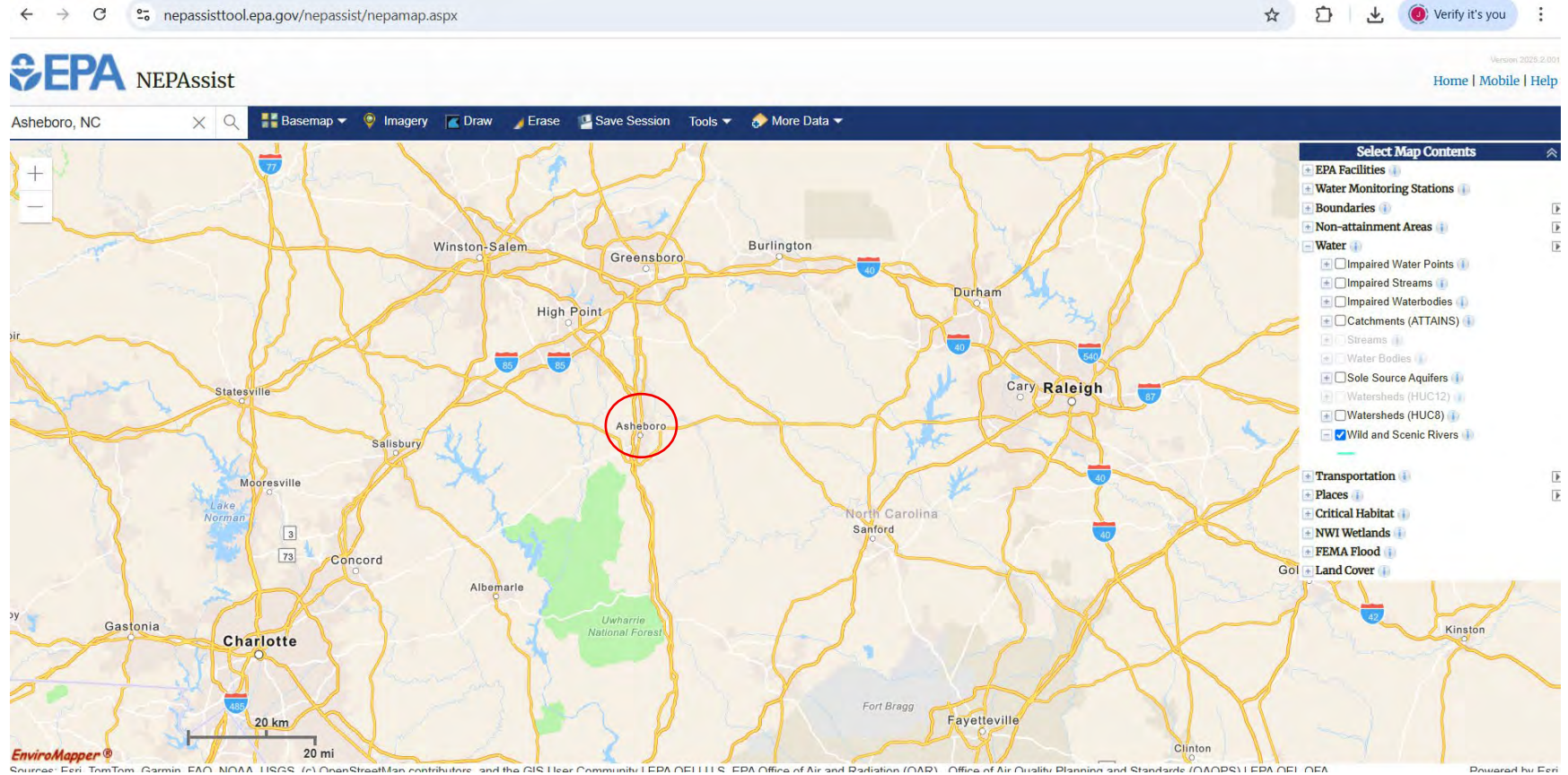
North Carolina Department of Environmental Quality | Division of Energy, Mineral  
and Land Resources  
Winston-Salem Regional Office | 450 West Hanes Mill Road, Suite 300 | Winston-  
Salem NC, 27105  
336-776-9800

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Email correspondence to and from this address may be subject to the North Carolina Public Records Law and may be disclosed to third parties by an authorized state official.

# City of Asheboro

## Wild and Scenic Rivers Act (two maps)





## Nationwide Rivers Inventory

A listing of free-flowing river segments in the U.S. believed to possess one or more "outstandingly remarkable" values

Search by River Name, Federal Management Entities, Management Area, or State



### Legend

- NPS Nationwide Rivers Inventory Official
- National Wild and Scenic River System

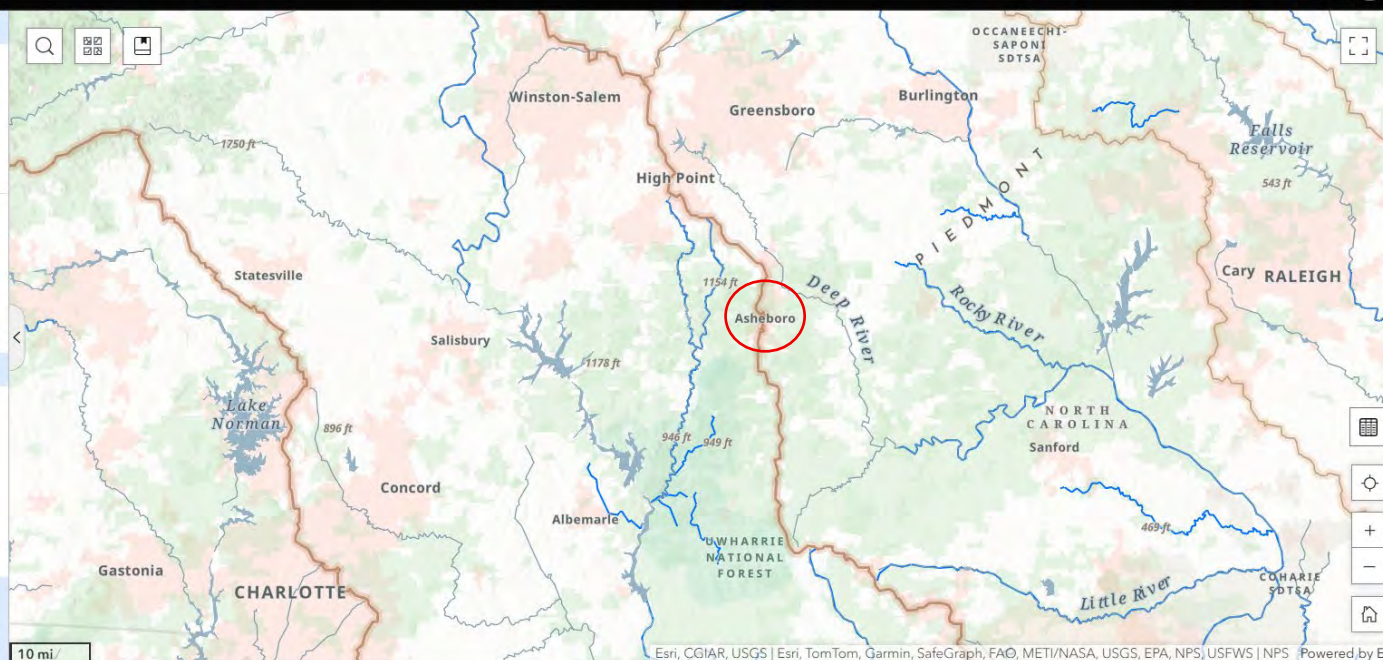
### Add Data to Map



There is currently no added data.

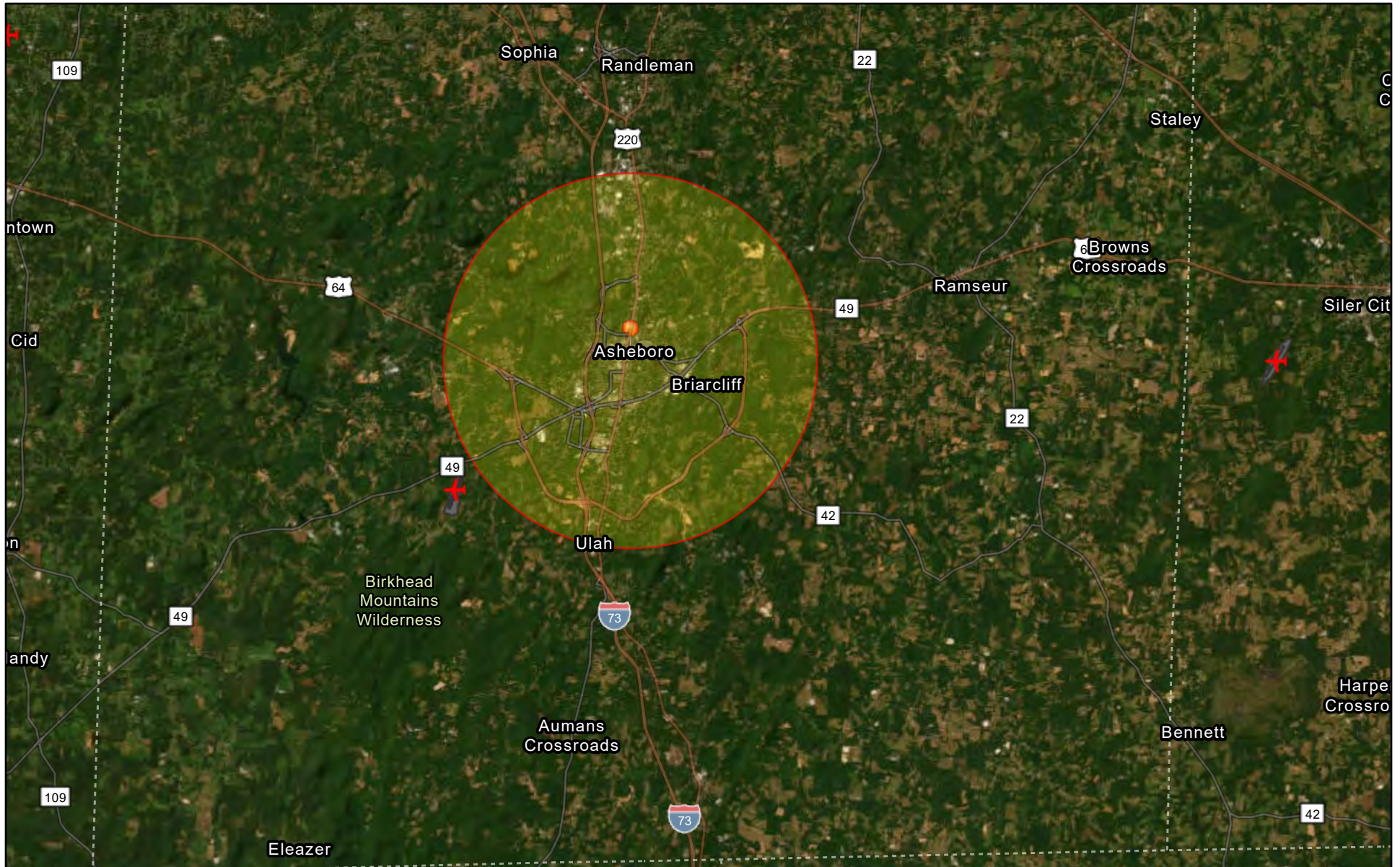
+ Click to add data

↓ Download NRI Data

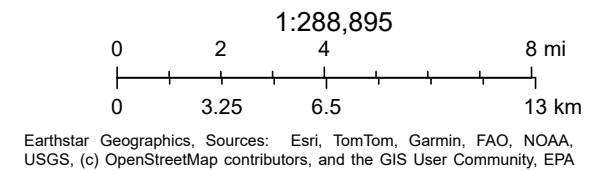




# Noise Abatement 5 mile buffer airports

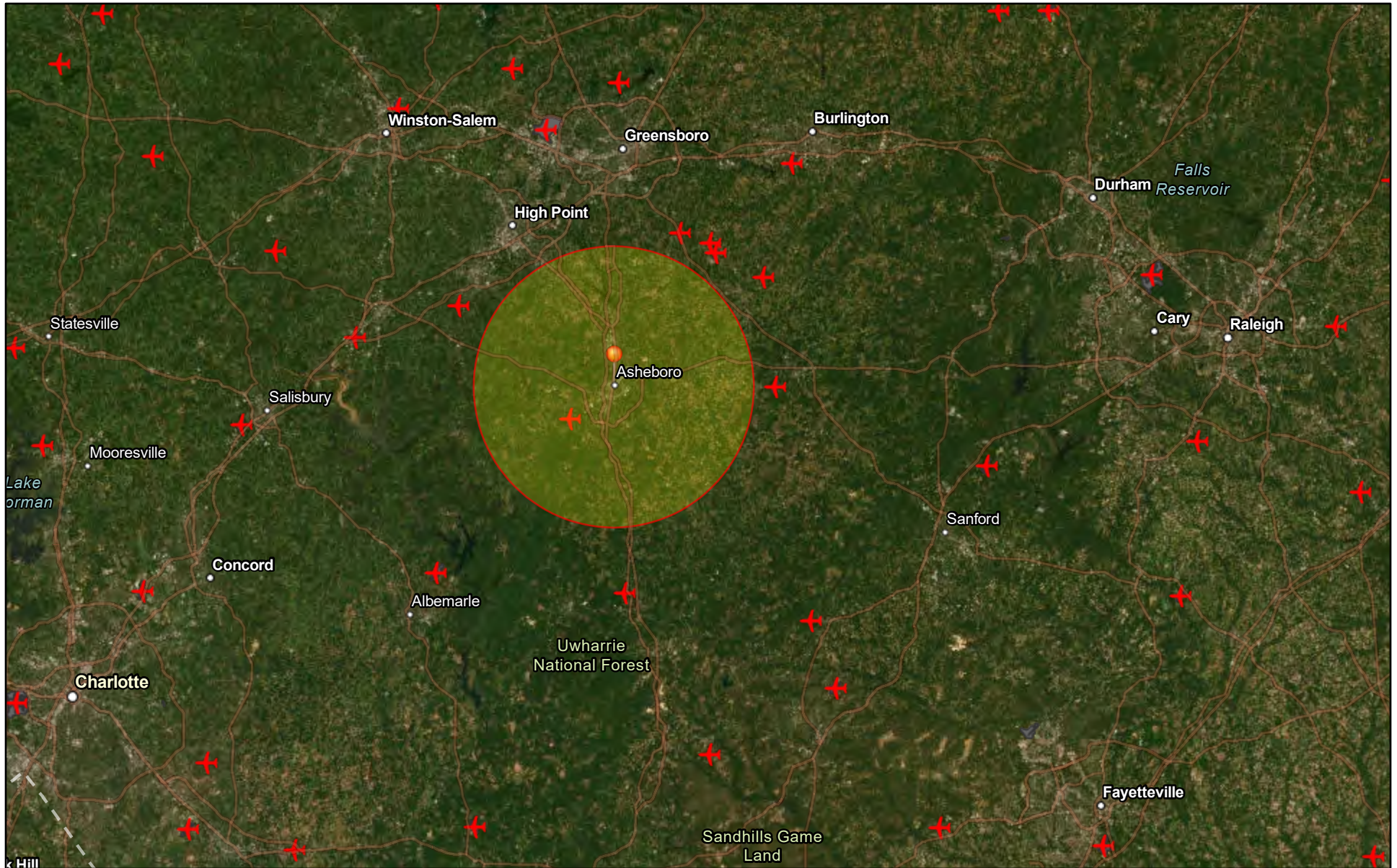


May 20, 2025

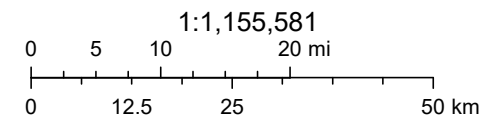




# Noise Abatement 15 mile buffer airports

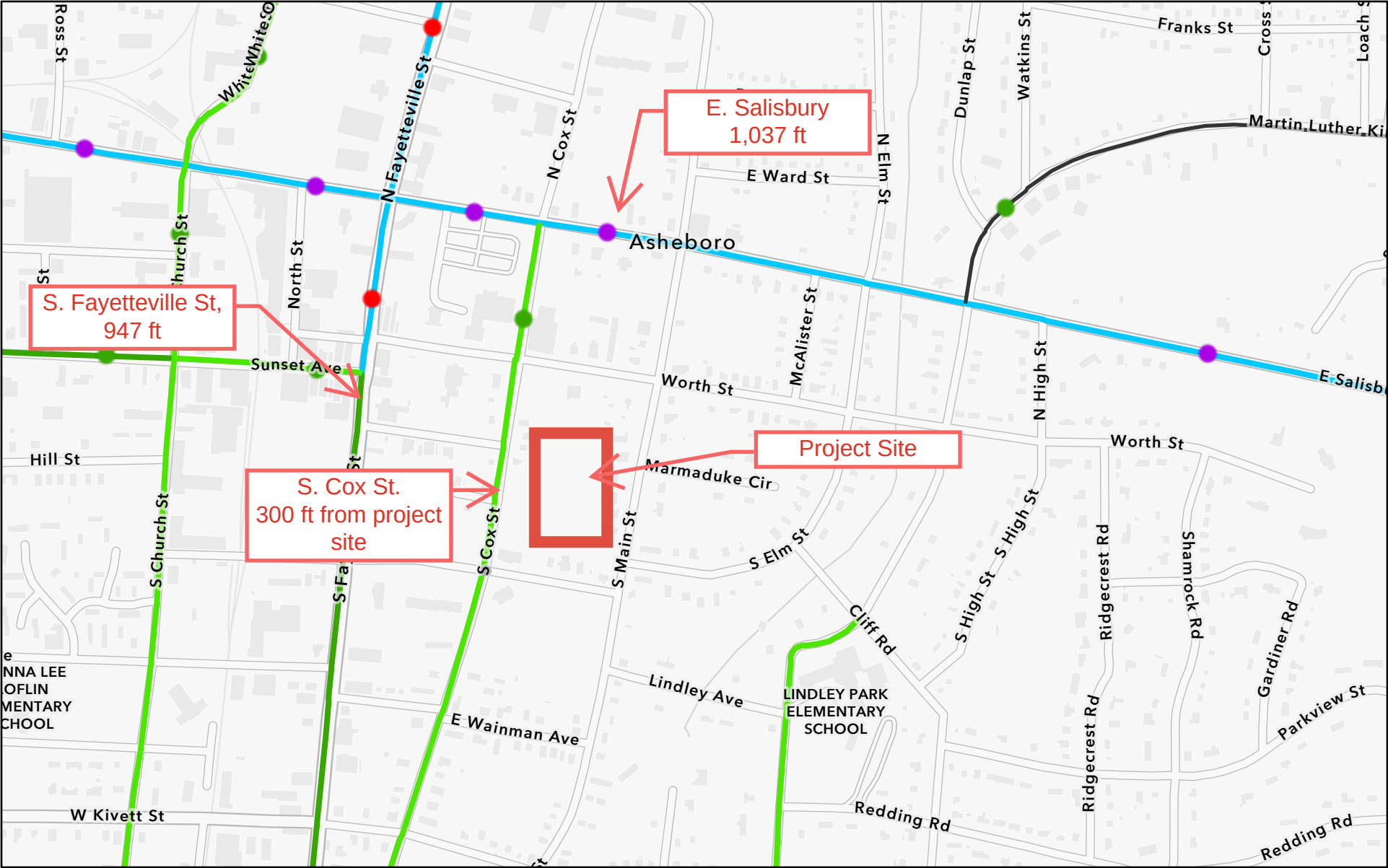


May 20, 2025



Earthstar Geographics, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community, EPA

# NCDOT AADT Map

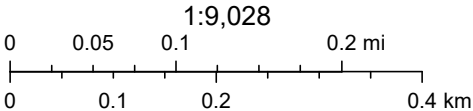


5/19/2025, 7:57:41 AM

NCDOT AADT Stations

- US Routes
- NC Hwys
- Secondary Routes
- NCDOT AADT Traffic Segments Secondary Non-System
- 5,000 - 9,999
- 2,000 - 4,999

- 500 - 1,999
- NCDOT AADT Traffic Segments Primaries
- 10,000 - 19,999
- 5,000 - 9,999



Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community



[illegible]

(1 of 2)

N. Cox Rd measurement

NCDOT AADT Stations: 0760000070

|            |                               |
|------------|-------------------------------|
| LocationID | 0760000070                    |
| COUNTY     | RANDOLPH                      |
| RTE_CLS    | Secondary Routes              |
| ROUTE      | SR 2327 (N Cox St)            |
| LOCATION   | SOUTH OF NC 42 E Salisbury St |
| AADT_2002  |                               |
| AADT_2003  | 5100                          |
| AADT_2004  |                               |
| AADT_2005  | 5300                          |
| AADT_2006  |                               |
| AADT_2007  | 4800                          |
| AADT_2008  |                               |
| AADT_2009  | 4700                          |
| AADT_2010  |                               |
| AADT_2011  |                               |
| AADT_2012  |                               |
| AADT_2013  | 4800                          |
| AADT_2014  |                               |
| AADT_2015  | 6400                          |
| AADT_2016  |                               |
| AADT_2017  | 5200                          |
| AADT_2018  |                               |
| AADT_2019  | 5500                          |
| AADT_2020  | 4400                          |
| AADT_2021  | 4200                          |
| AADT_2022  |                               |
| AADT_2023  | 4400                          |

[Zoom to](#)

App State

Click to restore the map extent and layers visibility where you left off.

(2 of 2)

NCDOT AADT Traffic Segments Secondary Non-System: 40002327076

|          |             |
|----------|-------------|
| RoutelID | 40002327076 |
| BeginMp  | 0.659800    |
| EndMp    | 1.369000    |
| SU_PCT   | 0.000000    |
| MU_PCT   | 0.000000    |
| SU_AADT  | 0.000000    |
| MU_AADT  | 0.000000    |
| SOURCE   | Maintenance |
| AADT     | 4400        |
| AADTT    | 0           |
| TMS_ID   | 0760000070  |

[Zoom to](#)

App State

Click to restore the map extent and layers visibility where you left off.



**Noise Abatement  
Roads  
S. Cox Speed limit**



[Home \(/\)](#) > [Programs \(/programs/\)](#) > [Environmental Review \(/programs/environmental-review/\)](#) > Day/Night Noise Level (DNL) Calculator

## Day/Night Noise Level (DNL) Calculator

The Day/Night Noise Level Calculator is an electronic assessment tool that calculates the Day/Night Noise Level (DNL) from roadway and railway traffic. For more information on using the DNL calculator, view the [Day/Night Noise Level Calculator Electronic Assessment Tool Overview \(/programs/environmental-review/daynight-noise-level-electronic-assessment-tool/\)](#).

### Guidelines

- To display the Road and/or Rail DNL calculator(s), click on the "Add Road Source" and/or "Add Rail Source" button(s) below.
- All Road and Rail input values must be positive non-decimal numbers.
- All Road and/or Rail DNL value(s) must be calculated separately before calculating the Site DNL.
- All checkboxes that apply must be checked for vehicles and trains in the tables' headers.
- **Note #1:** Tooltips, containing field specific information, have been added in this tool and may be accessed by hovering over all the respective data fields (site identification, roadway and railway assessment, DNL calculation results, roadway and railway input variables) with the mouse.
- **Note #2:** DNL Calculator assumes roadway data is always entered.

## DNL Calculator

**Site ID**

S. Cox Street

**Record Date**

05/20/2025

**User's Name**

Freddy

**Road # 1 Name:**

N. Cox Street

**Road #1****Vehicle Type****Cars** ☒**Medium Trucks** ☐**Heavy Trucks** ☐

Effective Distance

300

Distance to Stop Sign

Average Speed

25

Average Daily Trips (ADT)

3667

Night Fraction of ADT

15

Road Gradient (%)

Vehicle DNL

45

0

0

Calculate Road #1 DNL

45

Reset

Add Road Source

Add Rail Source

Airport Noise Level

Loud Impulse Sounds?

☐ Yes ☐ No



---

|                                            |                                |
|--------------------------------------------|--------------------------------|
| Combined DNL for all Road and Rail sources | <input type="text" value="0"/> |
| Combined DNL including Airport             | <input type="text"/>           |
| Site DNL with Loud Impulse Sound           | <input type="text"/>           |

---

## Mitigation Options

If your site DNL is in Excess of 65 decibels, your options are:

- **No Action Alternative:** Cancel the project at this location
- **Other Reasonable Alternatives:** Choose an alternate site
- **Mitigation**
  - Contact your Field or Regional Environmental Officer (</programs/environmental-review/hud-environmental-staff-contacts/>)
  - Increase mitigation in the building walls (only effective if no outdoor, noise sensitive areas)
  - Reconfigure the site plan to increase the distance between the noise source and noise-sensitive uses
  - Incorporate natural or man-made barriers. See *The Noise Guidebook* (</resource/313/hud-noise-guidebook/>)
  - Construct noise barrier. See the Barrier Performance Module (</programs/environmental-review/bpm-calculator/>)

## Tools and Guidance

Day/Night Noise Level Assessment Tool User Guide (</resource/3822/day-night-noise-level-assessment-tool-user-guide/>)

Day/Night Noise Level Assessment Tool Flowcharts (</resource/3823/day-night-noise-level-assessment-tool-flowcharts/>)

[illegible]

(1 of 2)

NCDOT AADT Stations: 0760000280

S. Fayetteville Rd

|            |                               |
|------------|-------------------------------|
| LocationID | 0760000280                    |
| COUNTY     | RANDOLPH                      |
| RTE_CLS    | US Routes                     |
| ROUTE      | US 220 BUS                    |
| LOCATION   | SOUTH OF NC 42 W Salisbury St |
| AADT_2002  | 13000                         |
| AADT_2003  | 12000                         |
| AADT_2004  | 12000                         |
| AADT_2005  | 12000                         |
| AADT_2006  |                               |
| AADT_2007  | 13000                         |
| AADT_2008  | 13000                         |
| AADT_2009  | 14000                         |
| AADT_2010  | 16000                         |
| AADT_2011  | 13000                         |
| AADT_2012  | 14000                         |
| AADT_2013  | 11000                         |
| AADT_2014  | 11000                         |
| AADT_2015  | 12000                         |
| AADT_2016  | 13000                         |
| AADT_2017  | 11000                         |
| AADT_2018  |                               |
| AADT_2019  | 9300                          |
| AADT_2020  |                               |
| AADT_2021  | 9800                          |
| AADT_2022  | 10500                         |
| AADT_2023  | 10500                         |

[Zoom to](#)

ASHEBORO  
MEMORIAL  
PARK

Hamm

Fayetteville-S

S Main St

Esri C

600ft

-79.808 35.710 Degrees

App State

Click to restore the map extent and layers visibility where you left off.



(2 of 2)

NCDOT AADT Traffic Segments Primaries: 29000220076

|          |             |
|----------|-------------|
| RoutelID | 29000220076 |
| SU_PCT   | 0.013000    |
| MU_PCT   | 0.003000    |
| SU_AADT  | 140.000000  |
| MU_AADT  | 32.000000   |
| SOURCE   | Maintenance |
| AADT     | 10500       |
| AADTT    | 172         |
| TMS_ID   | 0760000280  |
| BeginMp  | 6.029400    |
| EndMp    | 6.177000    |

[Zoom to](#)

**Noise Abatement  
Roads  
S. Fayetteville 20 mph Speed limit**



[Home \(/\)](#) > [Programs \(/programs/\)](#) > [Environmental Review \(/programs/environmental-review/\)](#) > Day/Night Noise Level (DNL) Calculator

## Day/Night Noise Level (DNL) Calculator

The Day/Night Noise Level Calculator is an electronic assessment tool that calculates the Day/Night Noise Level (DNL) from roadway and railway traffic. For more information on using the DNL calculator, view the [Day/Night Noise Level Calculator Electronic Assessment Tool Overview \(/programs/environmental-review/daynight-noise-level-electronic-assessment-tool/\)](#).

### Guidelines

- To display the Road and/or Rail DNL calculator(s), click on the "Add Road Source" and/or "Add Rail Source" button(s) below.
- All Road and Rail input values must be positive non-decimal numbers.
- All Road and/or Rail DNL value(s) must be calculated separately before calculating the Site DNL.
- All checkboxes that apply must be checked for vehicles and trains in the tables' headers.
- **Note #1:** Tooltips, containing field specific information, have been added in this tool and may be accessed by hovering over all the respective data fields (site identification, roadway and railway assessment, DNL calculation results, roadway and railway input variables) with the mouse.
- **Note #2:** DNL Calculator assumes roadway data is always entered.

## DNL Calculator



|             |                        |
|-------------|------------------------|
| Site ID     | S. Fayetteville Street |
| Record Date | 05/20/2025             |
| User's Name | Freddy                 |

|                |                 |
|----------------|-----------------|
| Road # 1 Name: | US 220 Business |
|----------------|-----------------|

|                           |                                          |                                        |                                                  |
|---------------------------|------------------------------------------|----------------------------------------|--------------------------------------------------|
| Road #1                   |                                          |                                        |                                                  |
| Vehicle Type              | Cars <input checked="" type="checkbox"/> | Medium Trucks <input type="checkbox"/> | Heavy Trucks <input checked="" type="checkbox"/> |
| Effective Distance        | 947                                      |                                        | 947                                              |
| Distance to Stop Sign     |                                          |                                        |                                                  |
| Average Speed             | 20                                       |                                        | 20                                               |
| Average Daily Trips (ADT) | 7904                                     |                                        | 24                                               |
| Night Fraction of ADT     | 15                                       |                                        | 15                                               |
| Road Gradient (%)         |                                          |                                        | 2                                                |
| Vehicle DNL               | 39                                       | 0                                      | 39                                               |
| Calculate Road #1 DNL     | 42                                       | Reset                                  |                                                  |

|                 |                 |
|-----------------|-----------------|
| Add Road Source | Add Rail Source |
|-----------------|-----------------|

|                     |  |
|---------------------|--|
| Airport Noise Level |  |
|---------------------|--|

|                      |                                                    |
|----------------------|----------------------------------------------------|
| Loud Impulse Sounds? | <input type="radio"/> Yes <input type="radio"/> No |
|----------------------|----------------------------------------------------|

---

|                                            |                                |
|--------------------------------------------|--------------------------------|
| Combined DNL for all Road and Rail sources | <input type="text" value="0"/> |
| Combined DNL including Airport             | <input type="text"/>           |
| Site DNL with Loud Impulse Sound           | <input type="text"/>           |

## Mitigation Options

If your site DNL is in Excess of 65 decibels, your options are:

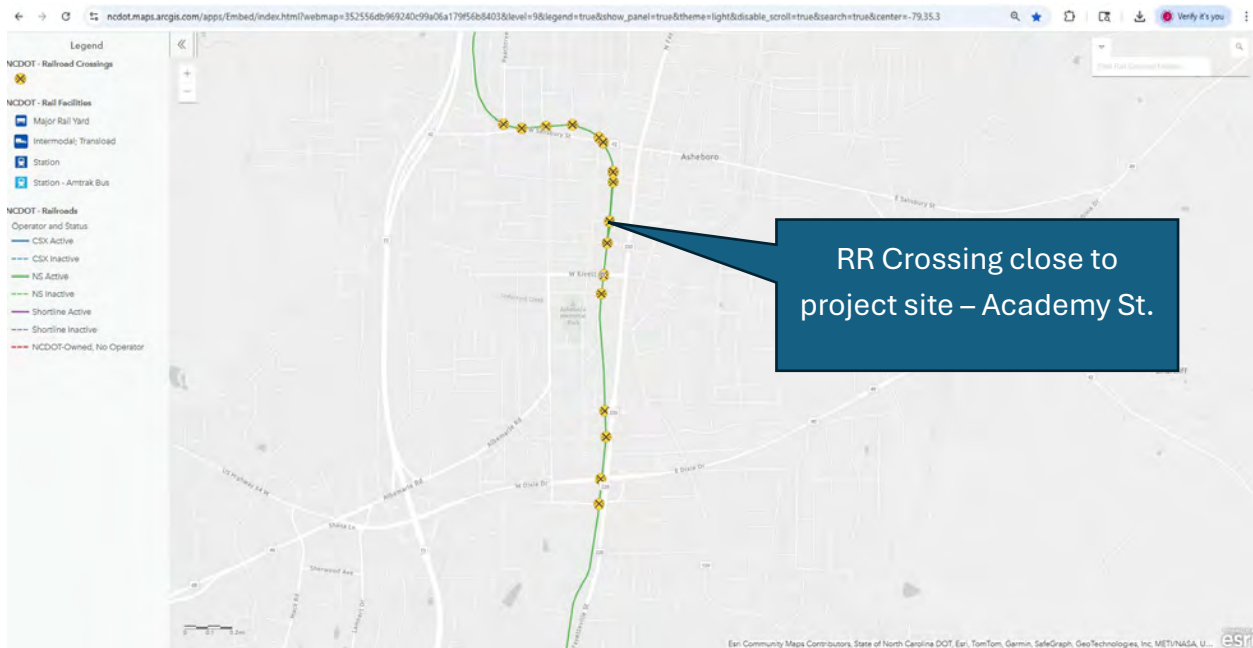
- **No Action Alternative:** Cancel the project at this location
- **Other Reasonable Alternatives:** Choose an alternate site
- **Mitigation**
  - Contact your Field or Regional Environmental Officer (</programs/environmental-review/hud-environmental-staff-contacts/>)
  - Increase mitigation in the building walls (only effective if no outdoor, noise sensitive areas)
  - Reconfigure the site plan to increase the distance between the noise source and noise-sensitive uses
  - Incorporate natural or man-made barriers. See *The Noise Guidebook* (</resource/313/hud-noise-guidebook/>)
  - Construct noise barrier. See the Barrier Performance Module (</programs/environmental-review/bpm-calculator/>)

## Tools and Guidance

Day/Night Noise Level Assessment Tool User Guide (</resource/3822/day-night-noise-level-assessment-tool-user-guide/>)

Day/Night Noise Level Assessment Tool Flowcharts (</resource/3823/day-night-noise-level-assessment-tool-flowcharts/>)

# Noise Abatement Railroad Asheboro Garden Project





**Photo Facing North**  
**Asheboro Garden Project**  
**722489U - ACADEMY STREET**



# Day/Night Noise Level (DNL) Calculator

The Day/Night Noise Level Calculator is an electronic assessment tool that calculates the Day/Night Noise Level (DNL) from roadway and railway traffic. For more information on using the DNL calculator, view the [Day/Night Noise Level Calculator Electronic Assessment Tool Overview \(/programs/environmental-review/daynight-noise-level-electronic-assessment-tool/\)](/programs/environmental-review/daynight-noise-level-electronic-assessment-tool/).

## Guidelines

- To display the Road and/or Rail DNL calculator(s), click on the "Add Road Source" and/or "Add Rail Source" button(s) below.
- All Road and Rail input values must be positive non-decimal numbers.
- All Road and/or Rail DNL value(s) must be calculated separately before calculating the Site DNL.
- All checkboxes that apply must be checked for vehicles and trains in the tables' headers.
- **Note #1:** Tooltips, containing field specific information, have been added in this tool and may be accessed by hovering over all the respective data fields (site identification, roadway and railway assessment, DNL calculation results, roadway and railway input variables) with the mouse.
- **Note #2:** DNL Calculator assumes roadway data is always entered.

|             |                             |
|-------------|-----------------------------|
| Site ID     | S. Cox St. Community Garden |
| Record Date | 06/05/2025                  |
| User's Name | JoAnna McDonald             |

|                |            |
|----------------|------------|
| Road # 1 Name: | N. Cox St. |
|----------------|------------|

#### Road #1

|                           |                                          |                                        |                                       |
|---------------------------|------------------------------------------|----------------------------------------|---------------------------------------|
| Vehicle Type              | Cars <input checked="" type="checkbox"/> | Medium Trucks <input type="checkbox"/> | Heavy Trucks <input type="checkbox"/> |
| Effective Distance        | 300                                      |                                        |                                       |
| Distance to Stop Sign     |                                          |                                        |                                       |
| Average Speed             | 25                                       |                                        |                                       |
| Average Daily Trips (ADT) | 3667                                     |                                        |                                       |
| Night Fraction of ADT     | 15                                       |                                        |                                       |
| Road Gradient (%)         |                                          |                                        |                                       |
| Vehicle DNL               | 45                                       | 0                                      | 0                                     |
| Calculate Road #1 DNL     | 45                                       | Reset                                  |                                       |

|                |                                     |
|----------------|-------------------------------------|
| Road # 2 Name: | S. Fayetteville St./US 220 Business |
|----------------|-------------------------------------|

#### Road #2

|                           |                                          |                                        |                                                  |
|---------------------------|------------------------------------------|----------------------------------------|--------------------------------------------------|
| Vehicle Type              | Cars <input checked="" type="checkbox"/> | Medium Trucks <input type="checkbox"/> | Heavy Trucks <input checked="" type="checkbox"/> |
| Effective Distance        | 947                                      |                                        | 947                                              |
| Distance to Stop Sign     |                                          |                                        |                                                  |
| Average Speed             | 20                                       |                                        | 20                                               |
| Average Daily Trips (ADT) | 7904                                     |                                        | 24                                               |



|                           |     |       |
|---------------------------|-----|-------|
| Average Daily Trips (ADT) | 750 | 21    |
| Night Fraction of ADT     | 15  | 15    |
| Road Gradient (%)         |     | 2     |
| Vehicle DNL               | 39  | 0     |
| Calculate Road #2 DNL     | 42  | Reset |

|                               |                                       |
|-------------------------------|---------------------------------------|
| Railroad #1 Track Identifier: | Crossing ID: 722489U - ACADEMY STREET |
|-------------------------------|---------------------------------------|

Rail # 1

|                                |                                                            |                                                                       |
|--------------------------------|------------------------------------------------------------|-----------------------------------------------------------------------|
| Train Type                     | Electric <input type="checkbox"/>                          | Diesel <input checked="" type="checkbox"/>                            |
| Effective Distance             |                                                            | 1426                                                                  |
| Average Train Speed            |                                                            | 10                                                                    |
| Engines per Train              |                                                            | 2                                                                     |
| Railway cars per Train         |                                                            | 30                                                                    |
| Average Train Operations (ATO) |                                                            | 14                                                                    |
| Night Fraction of ATO          |                                                            | 6                                                                     |
| Railway whistles or horns?     | Yes: <input type="checkbox"/> No: <input type="checkbox"/> | Yes: <input checked="" type="checkbox"/> No: <input type="checkbox"/> |
| Bolted Tracks?                 | Yes: <input type="checkbox"/> No: <input type="checkbox"/> | Yes: <input type="checkbox"/> No: <input checked="" type="checkbox"/> |
| Train DNL                      | 0                                                          | 61                                                                    |
| Calculate Rail #1 DNL          | 61                                                         | Reset                                                                 |

|                 |                 |
|-----------------|-----------------|
| Add Road Source | Add Rail Source |
|-----------------|-----------------|

|                      |                                                               |
|----------------------|---------------------------------------------------------------|
| Airport Noise Level  | 0                                                             |
| Loud Impulse Sounds? | <input type="radio"/> Yes <input checked="" type="radio"/> No |

|                      |    |
|----------------------|----|
| Combined DNL for all | 61 |
|----------------------|----|

|                                  |     |
|----------------------------------|-----|
| Road and Rail sources            | 61  |
| Combined DNL including Airport   | N/A |
| Site DNL with Loud Impulse Sound |     |

Calculate

Reset

## Mitigation Options

If your site DNL is in Excess of 65 decibels, your options are:

- **No Action Alternative:** Cancel the project at this location
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- **Mitigation**
  - **Contact your Field or Regional Environmental Officer** (</programs/environmental-review/hud-environmental-staff-contacts/>)
  - Increase mitigation in the building walls (only effective if no outdoor, noise sensitive areas)
  - Reconfigure the site plan to increase the distance between the noise source and noise-sensitive uses
  - Incorporate natural or man-made barriers. See *The Noise Guidebook* (</resource/313/hud-noise-guidebook/>)
  - Construct noise barrier. See the **Barrier Performance Module** (</programs/environmental-review/bpm-calculator/>)

## Tools and Guidance

Day/Night Noise Level Assessment Tool User Guide (</resource/3822/day-night-noise-level-assessment-tool-user-guide/>)

Day/Night Noise Level Assessment Tool Flowcharts (</resource/3823/day-night-noise-level-assessment-tool-flowcharts/>)

**From:** [Bergman, Zachary](#)  
**To:** [JoAnna McDonald](#); [ATL NOC Coordinators](#)  
**Subject:** RE: Railroad Q&A for City of Asheboro project  
**Date:** Monday, June 2, 2025 6:35:20 AM

---

Good morning,

Crossing ID: 722489U - ACADEMY STREET

Number of trains per day - 14 Trains  
Avg train speed – 10 MPH  
Avg railcars per train – 30 Railcars  
Night fraction ATO – 6 Trains  
Whistle horn required - Yes  
Tracks bolted or welded - Welded  
Is train electric or diesel - Diesel  
How many engines per train – 2 Locomotives

**Zachary Bergman**

Network Operations Center Coordinator  
**470-463-1000**

**NORFOLK SOUTHERN**

650 West Peachtree St. NW  
Atlanta, GA 30308  
[Zachary.Bergman@nscorp.com](mailto:Zachary.Bergman@nscorp.com)



---

**From:** JoAnna McDonald <jmcdonald@consultinsight.com>  
**Sent:** Tuesday, May 20, 2025 12:49 PM  
**To:** ATL NOC Coordinators <ATLNOCSID@nscorp.com>  
**Subject:** [EXTERNAL] Railroad Q&A for City of Asheboro project

Good afternoon,

Per HUD regulations, we need to get some details about the railroad that runs within 3,000 feet of our project in Asheboro.

Crossing ID: 722489U - ACADEMY STREET

Questions:

Number of trains per day  
Avg train speed  
Avg railcars per train



Night fraction ATO  
Whistle horn required  
Tracks bolted or welded  
Is train electric or diesel  
How many engines per train

photo



**JoAnna McDonald, Ph.D.**

**Environmental Advisor | SOI Qualified**

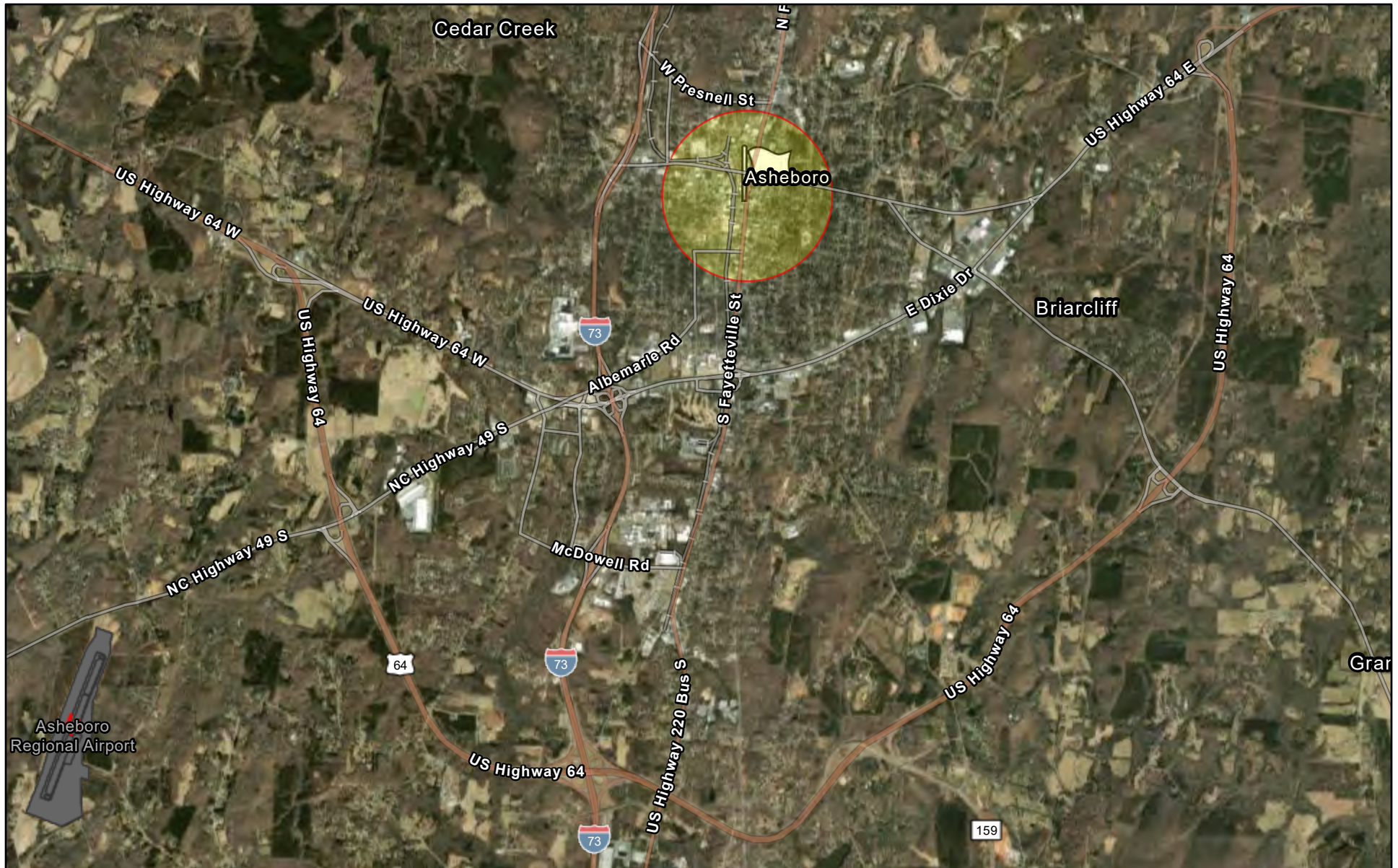
☐ [910.392.0060](tel:910.392.0060) ☐ 910.622.9852

☐ [jmcdonald@consultinsight.com](mailto:jmcdonald@consultinsight.com)

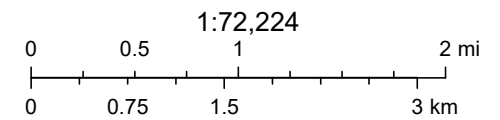
☐ [5030 New Centre Drive, Suite A, Wilmington NC 28403](#)



# Airport Hazards 3,000 ft Buffer



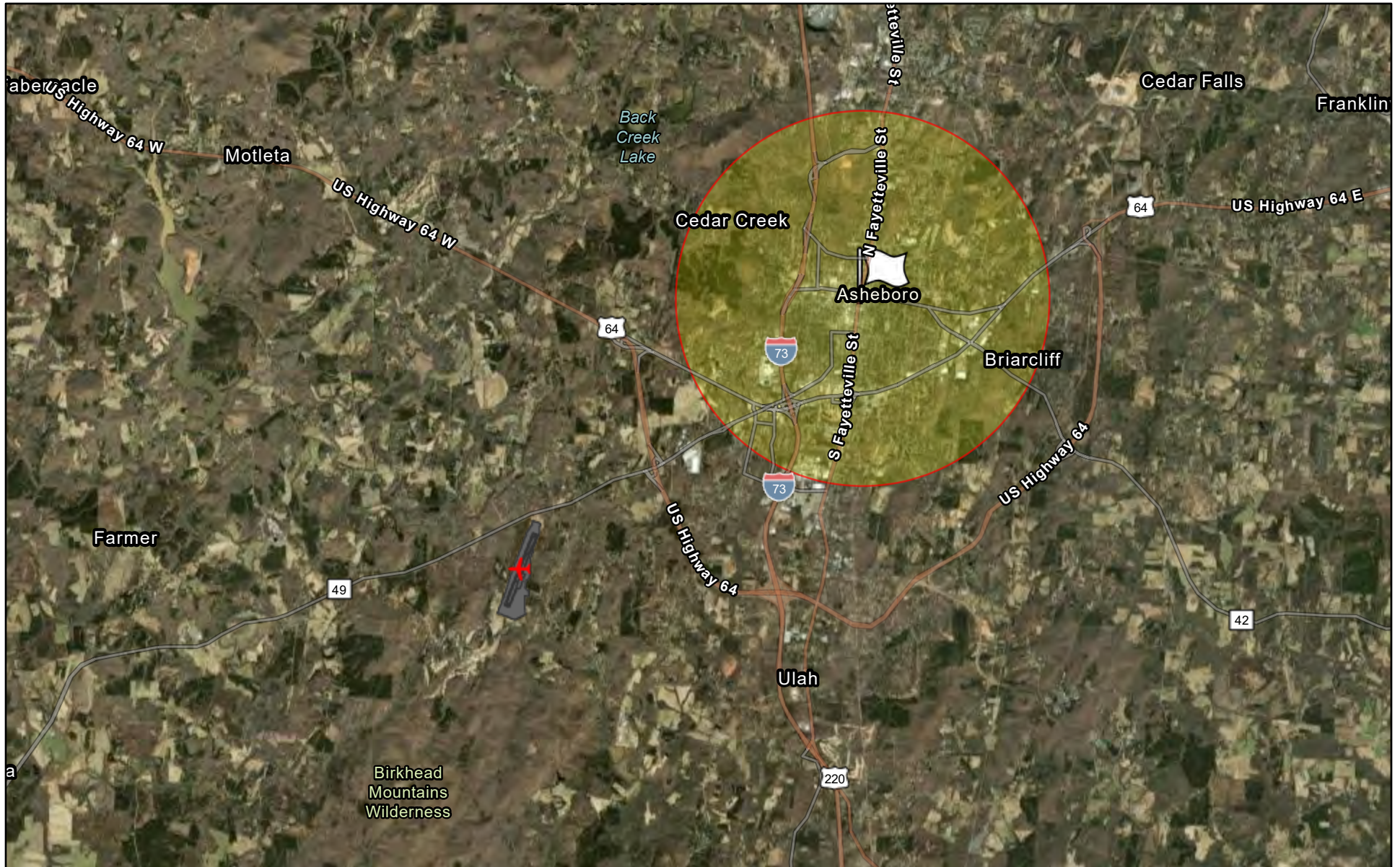
May 22, 2025



Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community, NC CGIA, Earthstar Geographics,



# Airport Hazards 13200 ft Buffer



May 22, 2025



Project 1



Project Buffer

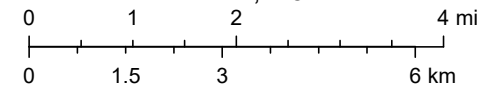


Airport Points



Airport Polygons

1:144,448



Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community, NC CGIA, Earthstar Geographics,





## Thermal and Explosive Hazards

| Project Name          | Investigator(s) | Site Visit Date |
|-----------------------|-----------------|-----------------|
| Asheboro Park Project | Anthony Fruitt  | 5-21-2025       |

### Part I –Above Ground Storage Tanks – Site Review

Are any above ground storage tanks visible from the site?

☐

Yes

☒

No

If yes, are these tanks 100-gallons or larger?

☐

Yes

☐

No

| List visible tanks |                    |                    |                        |                          |                                         |                         |
|--------------------|--------------------|--------------------|------------------------|--------------------------|-----------------------------------------|-------------------------|
| Tank Identifier    | Tank Distance (ft) | Tank Size/Contents | Flammable? (Yes or No) | Pressurized? (Yes or No) | ASD <sup>1</sup> (ft) Thermal Radiation | ASD (ft) Blast Pressure |
|                    |                    |                    |                        |                          |                                         |                         |
|                    |                    |                    |                        |                          |                                         |                         |
|                    |                    |                    |                        |                          |                                         |                         |
|                    |                    |                    |                        |                          |                                         |                         |

<sup>1</sup>ASD = Acceptable Separation Distance as defined in "Siting of HUD-Assisted Projects Near Hazardous Facilities"

Is the project site within the ASD of any above ground storage tank visible from the site?

☐

Yes

☐

No

If yes, list the proposed mitigation strategies or reject the site?

|                                                     |
|-----------------------------------------------------|
| <b>Mitigation (attach additional documentation)</b> |
|                                                     |
|                                                     |
|                                                     |

### Part II –Above Ground Storage Tanks – Agency Consultation

Has consultation with the Local Planning, Building, Public Safety or Fire Department indicated the presence of existing or planned thermal/explosive hazards that may affect the site (Attach record of consultation)?

☐

Yes

☐

No

If yes, list the proposed mitigation strategies or reject the site?

|                                                     |
|-----------------------------------------------------|
| <b>Mitigation (attach additional documentation)</b> |
|                                                     |
|                                                     |



### Part III – Above Ground Storage Tanks – Record Review

Are above ground storage tanks, which are visible on aerial photographs and USGS topographic maps, located within 1-mile of the site (Attach copies of documents reviewed)?

☒

Yes

☐

No

If yes, are these tanks 100-gallons or larger?

☒

Yes

☐

No

| List visible tanks |                    |                    |                        |                          |                                         |                         |
|--------------------|--------------------|--------------------|------------------------|--------------------------|-----------------------------------------|-------------------------|
| Chandler Concrete  |                    |                    |                        |                          |                                         |                         |
| Tank Identifier    | Tank Distance (ft) | Tank Size/Contents | Flammable? (Yes or No) | Pressurized? (Yes or No) | ASD <sup>1</sup> (ft) Thermal Radiation | ASD (ft) Blast Pressure |
| Chandler           | 1,472 ft.          | 2,500 gal/Diesel   | YES                    | NO                       | 405.12/ASDPPU<br>76.80/ASDBPU           |                         |
|                    |                    |                    |                        |                          |                                         |                         |
|                    |                    |                    |                        |                          |                                         |                         |
|                    |                    |                    |                        |                          |                                         |                         |
|                    |                    |                    |                        |                          |                                         |                         |
|                    |                    |                    |                        |                          |                                         |                         |
|                    |                    |                    |                        |                          |                                         |                         |
|                    |                    |                    |                        |                          |                                         |                         |
|                    |                    |                    |                        |                          |                                         |                         |

<sup>1</sup>ASD = Acceptable Separation Distance as defined in "Siting of HUD-Assisted Projects Near Hazardous Facilities"

Is the project site within the ASD of any above ground storage tank?

☐

Yes

☒

No

If yes are there acceptable barriers (natural or manmade) between the site and the tank?

☒

Yes

☐

No

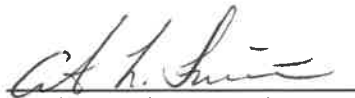
| Identify Acceptable Barriers <sup>2</sup> |
|-------------------------------------------|
|                                           |
|                                           |
|                                           |

<sup>2</sup>Acceptable barriers must meet the conditions of 24 CFR § 51.205

If no, list the proposed mitigation strategies or reject the site?



|                                                                                                                                                                  |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>Mitigation (attach additional documentation)</b>                                                                                                              |  |
|                                                                                                                                                                  |  |
|                                                                                                                                                                  |  |
|                                                                                                                                                                  |  |
| <b>Additional Comments or Recommendations</b>                                                                                                                    |  |
|                                                                                                                                                                  |  |
|                                                                                                                                                                  |  |
| Also, on the map showing the diesel tank at Chandler Concrete, the initial quantity was underestimated and was found to be a 2500-gallon tank. (See updated map) |  |

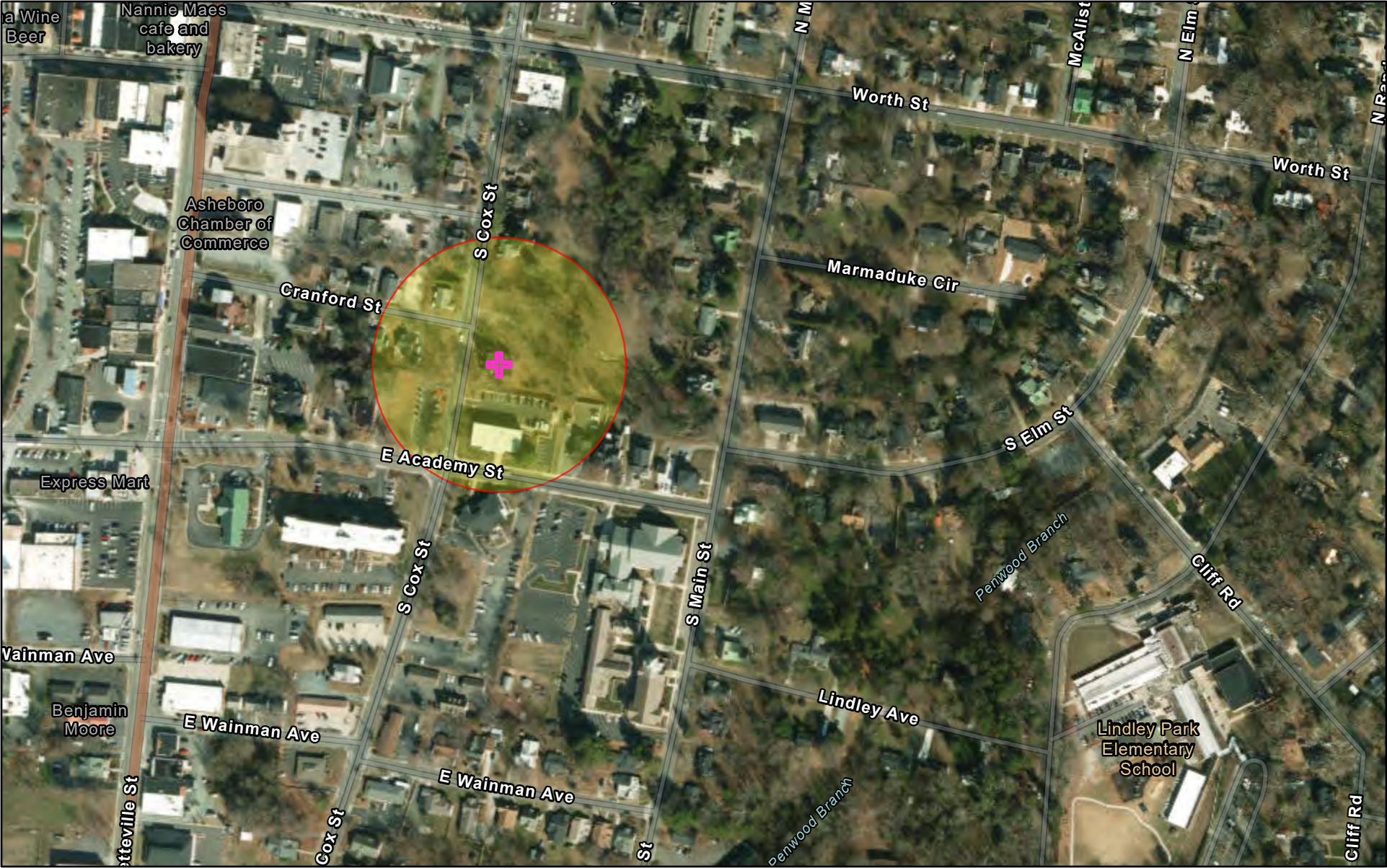
  
Lead Investigator's Signature

6-3-25  
Date

To Be Completed by Insight

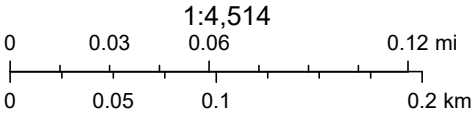


# Explosives 280 ft buffer



June 4, 2025

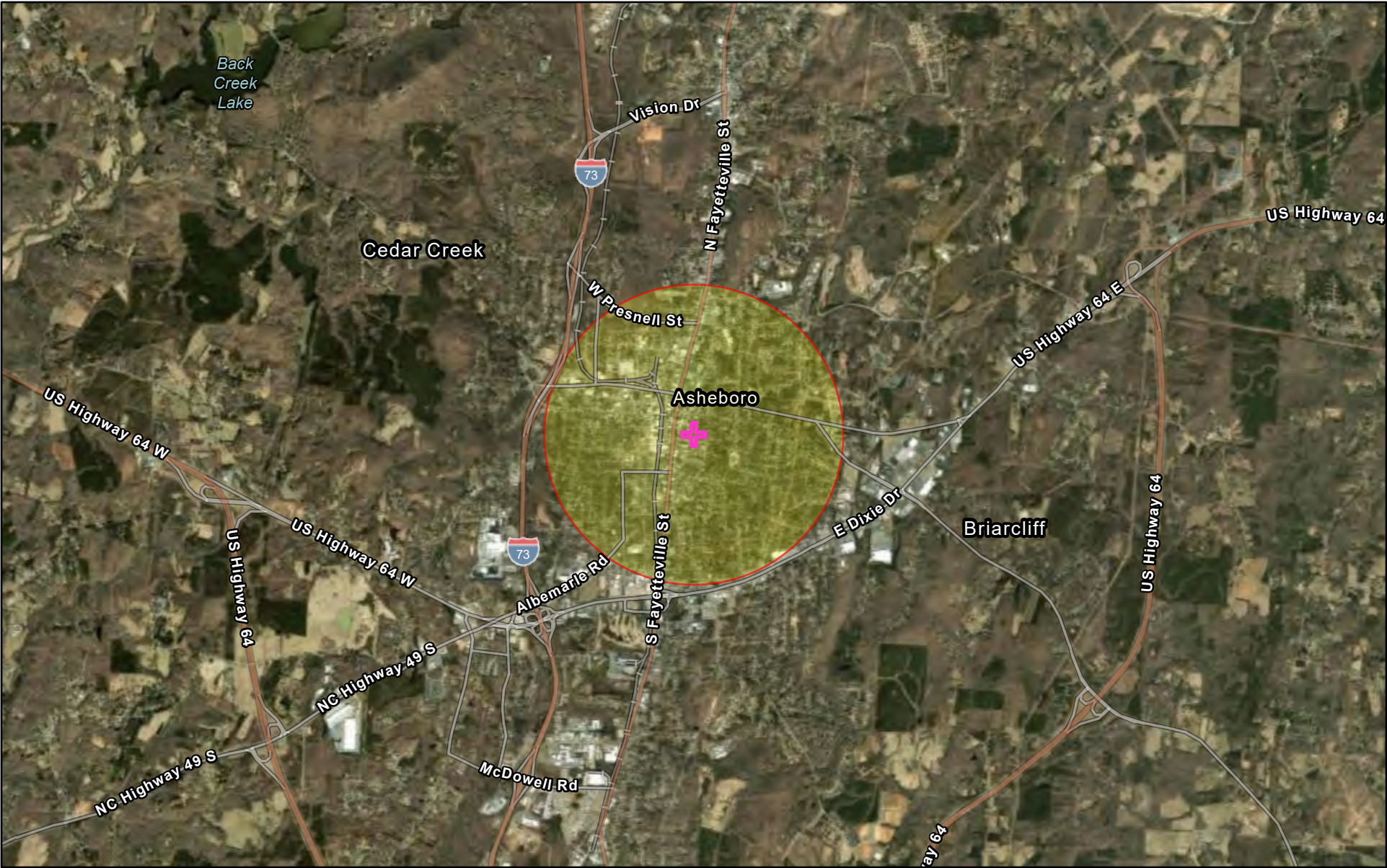
-  Project Buffer
-  Search Result (point)



NC CGIA, Maxar, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community

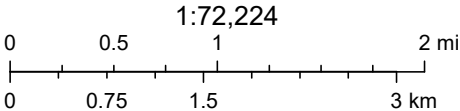


# Explosives Map 1-mile buffer



June 5, 2025

-  Project Buffer
-  Search Result (point)



Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community, NC CGIA, Earthstar Geographics



# Chandler Concrete

2500 gallon fuel tank on site within the 1 mile buffer-1750 feet from project site

## Legend

- 205 W Academy St
- Central Global Methodist Church
- Feature 1
- Feature 2
- Frazier Park



## Ruler

Line Path Polygon Circle 3D path 3D polygon

Measure the distance between two points on the ground

Map Length: 1,750.45 Feet

Ground Length: 1,750.67

Heading: 72.50 degrees

☒ Mouse Navigation

Save

Clear



[Home \(/\)](#) > [Programs \(/programs/\)](#) > [Environmental Review \(/programs/environmental-review/\)](#) > ASD Calculator

## Acceptable Separation Distance (ASD) Electronic Assessment Tool

The Environmental Planning Division (EPD) has developed an electronic-based assessment tool that calculates the Acceptable Separation Distance (ASD) from stationary hazards. The ASD is the distance from above ground stationary containerized hazards of an explosive or fire prone nature, to where a HUD assisted project can be located. The ASD is consistent with the Department's standards of blast overpressure (0.5 psi-buildings) and thermal radiation (450 BTU/ft<sup>2</sup> - hr - people and 10,000 BTU/ft<sup>2</sup> - hr - buildings). Calculation of the ASD is the first step to assess site suitability for proposed HUD-assisted projects near stationary hazards. Additional guidance on ASDs is available in the Department's guidebook "Siting of HUD- Assisted Projects Near Hazardous Facilities" and the regulation 24 CFR Part 51, Subpart C, Siting of HUD-Assisted Projects Near Hazardous Operations Handling Conventional Fuels or Chemicals of an Explosive or Flammable Nature.

**Note:** Tool tips, containing field specific information, have been added in this tool and may be accessed by hovering over the ASD result fields with the mouse.

### Acceptable Separation Distance Assessment Tool

Is the container above ground?

Yes: ☒ No: ☐

Is the container under pressure?

Yes: ☐ No: ☒

Does the container hold a cryogenic liquified gas?

Yes: ☐ No: ☐

Is the container diked?

Yes: ☐ No: ☒

What is the volume (gal) of the container?

2500

What is the Diked Area Length (ft)?

What is the Diked Area Width (ft)?

Calculate Acceptable Separation Distance

Diked Area (sqft)

ASD for Blast Over Pressure (ASDROP)

|                                                   |        |
|---------------------------------------------------|--------|
| ASD for Blast Over Pressure (ASDBOP)              |        |
| ASD for Thermal Radiation for People (ASDPPU)     | 405.12 |
| ASD for Thermal Radiation for Buildings (ASDBPU)  | 76.80  |
| ASD for Thermal Radiation for People (ASDPNPD)    |        |
| ASD for Thermal Radiation for Buildings (ASDBNPD) |        |

**For mitigation options, please click on the following link:** [Mitigation Options \(/resource/3846/acceptable-separation-distance-asd-hazard-mitigation-options/\)](/resource/3846/acceptable-separation-distance-asd-hazard-mitigation-options/)

## Providing Feedback & Corrections

After using the ASD Assessment Tool following the directions in this User Guide, users are encouraged to provide feedback on how the ASD Assessment Tool may be improved. Users are also encouraged to send comments or corrections for the improvement of the tool.

Please send comments or other input using the **Contact Us** (<https://www.hudexchange.info/contact-us/>) form.

## Related Information

- [ASD User Guide \(/resource/3839/acceptable-separation-distance-asd-assessment-tool-user-guide/\)](/resource/3839/acceptable-separation-distance-asd-assessment-tool-user-guide/)
- [ASD Flow Chart \(/resource/3840/acceptable-separation-distance-asd-flowchart/\)](/resource/3840/acceptable-separation-distance-asd-flowchart/)

The map displays the town of Asheboro, North Carolina, with a red circular boundary highlighting the central area. The map includes various streets, landmarks, and colored markers. Key streets shown include Spring Garden St, S McCrary St, Pershing St, W Kivett St, Lee St, Spencer Ave, Britt Ave, Macon St, Cooper St, Rich Ave, Center St, Straight St, Glenwood Rd, Cliff Rd, Maple Ave, Shamrock Rd, Kildare Rd, Kennelwood Dr, Shannon Rd, Dublin Rd, Worth St, Parkview St, Redding Rd, E Kivett St, Redding Rd, S Elm St, S High St, Ridgecrest Rd, N Cox St, N Elm St, Dunlap St, Watkins St, Cross St, Loach St, Spring St, Glover St, Woodlawn St, Booker T Wash, Daisy Rd, and Patton Ave. Landmarks include Randolph Hospital, Mount Calvary Cemetery, Lindley Park Elementary School, and Asheboro Memorial Park. Colored markers (yellow, green, blue, red) are scattered throughout the map, indicating specific locations. A large red circle is centered in the town, and a yellow rectangle highlights a specific area within it. The map also shows surrounding areas like Randolph and Mount Calvary Cemetery.

- Water Dischargers (NPDES)
- Water Dischargers (NPDES)
- Toxic Releases (TRI)

-  Hazardous Waste (RCRAInfo)
-  Hazardous Waste (RCRAInfo)
-  Air Pollution (ICIS-AIR)

-  Air Pollution (ICIS-AIR)
-  Project Buffer
-  Air Quality Permit Sites
-  NPDES Stormwater Permits

 Brownfields Program Sites

-  Hazardous Waste Sites
-  Underground Storage Tank

-  Above Ground Storage Tank Incidents
-  Underground Storage Tank Active Facilities
-  Land Use Restriction and/or Notices

NCDEQ's Potentially Underserved Block Groups 2024

Census Block Group

Potentially Underserved Block Group

NC DEQ's Potentially Underserved Block Groups 2019

Not Potentially Underserved

County and State

County Boundary

A number line with two scales. The top scale is labeled in miles (mi) with major tick marks at 0, 0.13, 0.25, and 0.5. The bottom scale is labeled in kilometers (km) with major tick marks at 0, 0.2, 0.4, and 0.8. There are 8 equal intervals between 0 and 0.5 miles, and 4 equal intervals between 0 and 0.8 kilometers. The scales are aligned such that 0.25 miles corresponds to 0.4 kilometers.

NCDOT GIS Unit, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, (c) OpenStreetMap contributors, and the GIS User Community



## Toxic Chemicals and Radioactive Materials Sites

**Title and Project #:** Jarrell Community Garden 2020 CDBG-CV Program Amend.

**Date:** 05/29/2025

**Address:** Site near 205 S. Cox St., Asheboro

**County:** Randolph

**Reviewer:** JoAnna McDonald, Ph.D/SOI Qualified, Insight Enviro. Advisor

1. 2,850 feet from the project site **FRS ID** 110001480736, Dixie Furniture Company Incorporated, 728 S. Fayetteville St. No Violations identified. [Report Link](#)
2. 2,335 feet from the project site, UST Incident #10218, Powell Property, H. Harold 731 S. Fayetteville St. DEHNR Letter asking owner to monitor water in 1995. No further correspondence within the past five (5) years. [Report Link](#)
3. 2,169 feet from the project site, UST Incident #14462, Matlab, Inc., Plant #6 713 S. Fayetteville St. No results found. [Report Link](#)
4. 2,333 feet from the project site **FRS ID** 110004032387, Wayne Thomas Chevrolet, 624 S. Fayetteville St. No Violations identified. [Report Link](#)
5. 2,829 feet from the project site **FRS ID** 110071911311, Memorial Square Apartments, 617 S. Church St. [Report Link](#)
6. 1,370 feet from project site **FRS ID** 110000345494, B & H Panel Co., 230 W. Academy St. No Violations identified. [Report Link](#)
7. 1,451 feet from project site **FRS ID** 110070515218, Cranford Industries Mill, 133 S. Church St. No Violations identified. [Report Link](#)
8. 1,651 feet from project site Facility #00-0-0000019906, Calderon Automotive 605 S Fayetteville Street. No results found.
9. 1,594 feet from the project site UST Incident #48702 Mckenzie Real Estate 516 S. Fayetteville St. Abandoned UST dating 1984. No further records. [Report Link](#)
10. 1,640 feet from project site **FRS ID** 110006368304, Federal Bldg, 241 Sunset St. No Violations identified. [Report Link](#)
11. 1,603 feet from project site **FRS ID** 110001480594 Acme McCrary Corporation North St. Finishing Plant 159 North St. No Violations identified. [Report Link](#)
12. 1,729 feet from project site CVS PHARMACY #7544, 285 North Fayetteville St. No Violations identified. [Report Link](#)
13. 2,531 feet from project site **FRS ID** 110014008965 Randolph Hospital Inc., 373 N. Fayetteville St. No Violations identified. [Report Link](#)
14. 2,863 feet from project site **FRS ID** 110045403835 Asheboro Elastics Corporation, 150 N. Park St. No Violations identified. [Report Link](#)
15. 2,895 feet from project site **FRS ID** 110004048762 Courier-Tribune, 500 Sunset Ave. No Violations identified. [Report Link](#)

16. 2,466 feet from the project site UST Incident #45050 King Property, Jonnie 615 Redding Road. Leaking report dated 2018. No further violations within the last five (5) years. [Report Link](#)
17. 543 feet from the project site UST Incident #49002 Asheboro Affordable Housing Diesel Release 156 Academy St. Notice of Regulatory Residual 2023. No other records available. [Report Link](#)
18. 444 feet from the project site UST Incident #45244 Randolph County Property 323 S. Cox St. No records found.
19. 935 feet from project site Facility #00-0-0000019708 Express Mart 1002 316 S Fayetteville St. No records found.
20. 1,376 feet from project site UST Incident #17646 B & H Panel Company 230 W. Academy St. Letter siting petroleum leak, 1997. No violations with the last five (5) years. [Report Link](#)
21. 646 feet from project site UST Incident #22003 Henley Building and Randolph Courthouse, 145 Worth St. No Further Action. [Report Link](#)
22. 980 feet Site ID: Facility #00-0-0000026374, First American Savings Bank 158 Worth St. No Records Found.
23. 1,804 feet from the project site UST Incident #44964, Quick Pick #7, 408 E. Salisbury Street. DEQ Notice of Residual Petroleum, 2022. No further violations recorded.
24. 2,012 feet from the project site UST Incident #12903, Shaw Property, Reid 243 E. Salisbury St., Soil Survey Results, 1992. [Report Link](#)
25. 1,613 feet from the project site Facility #00-0-0000018607, C-store, 401 East Salisbury St. Soil Sampling Investigation, 1997. No further violations within the last five (5) years. [Report Link](#)
26. 1,862 feet from the project site UST Incident #30570, Tank & Tummy #12 1960 N. Fayetteville St. Contamination report, 2005. No further reports within the last five (5) years. [Report Link](#)
27. 2,070 feet from project site UST Incident #44512, Darrell's BP, 306 N. Fayetteville St. Monitoring Well and Inside Air Quality Report, 2019. No further reports within the last five (5) years. [Report Link](#)
28. 2,883 feet from project site UST Incident #37249, Randolph Hospital-b, 364 White Oak St. No results found. [Report Link](#)
29. 2,864 feet from the project site UST Incident #30514, Mid Town Texaco - B 207 N. Fayetteville St. No Results Found. [Report Link](#)
30. 2,857 feet from the project site UST Incident #49492, Historic Mill Property 159 North St. Corrective action for petroleum UST, 2024. No Further Action Letter, May 2024, see letter in Toxic Chemical Packet. [Report Link](#)
31. 1,727 feet from the project site UST Incident #20421, Asheboro - Former Bus Station, 151 Sunset St. Soil Remediation Report, 1999. [Report Link](#)

32. 1,379 feet from the project site Facility #00-0-0000001395, Asheboro Hosiery Mills Inc., 139 S Church St. UST Risk, Rank, and Abatement Form, 2008. No further reports within the last five (5) years. [Report Link](#)



ROY COOPER  
*Governor*  
ELIZABETH S. BISER  
*Secretary*  
MICHAEL SCOTT  
*Director*



City of Asheboro  
Jimmy Cagle  
146 N. Church Street  
Asheboro, NC 27302

Re: Notice of No Further Action  
15A NCAC 2L .0407(e)  
Risk-based Assessment and Corrective  
Action for Petroleum Underground  
Storage Tanks

Historic Mill Property  
159 North Street  
Asheboro, Randolph County  
Incident Number: 49492  
Risk Classification: Low  
Ranking: LOR

Dear Mr. Cagle:

The Limited Site Assessment Report received by the UST Section, Division of Waste Management, Winston-Salem Regional Office on May 21, 2024, has been reviewed. The review indicates that soil contamination does not exceed the residential maximum soil contaminant concentrations (MSCCs), established in Title 15A NCAC 2L .0411 and that groundwater contamination does not exceed the groundwater quality standards established in Title 15A NCAC 2L .0202.

The UST Section determines that no further action is warranted for this incident. All required actions have been completed.

This determination shall apply unless the UST Section later finds that the discharge or release poses an unacceptable risk or a potentially unacceptable risk to human health or the environment. Pursuant to Title 15A NCAC 2L .0407(a) you have a continuing obligation to notify the Department of any changes that might affect the risk or land use classifications that have been assigned.

This No Further Action determination applies only to the subject incident; for any other incidents at the subject site, the responsible party must continue to address contamination as required.

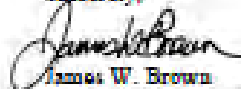


North Carolina Department of Environmental Quality | Division of Waste Management  
Winston-Salem Regional Office | 450 West Hanes Mill Road | Suite 300 | Winston-Salem,  
NC 27105 | (336) 776-8800

May 21, 2024

If you have any questions regarding the actions that were taken or the rules mentioned in this letter, please contact Karen J. Hall at the address or telephone number listed below.

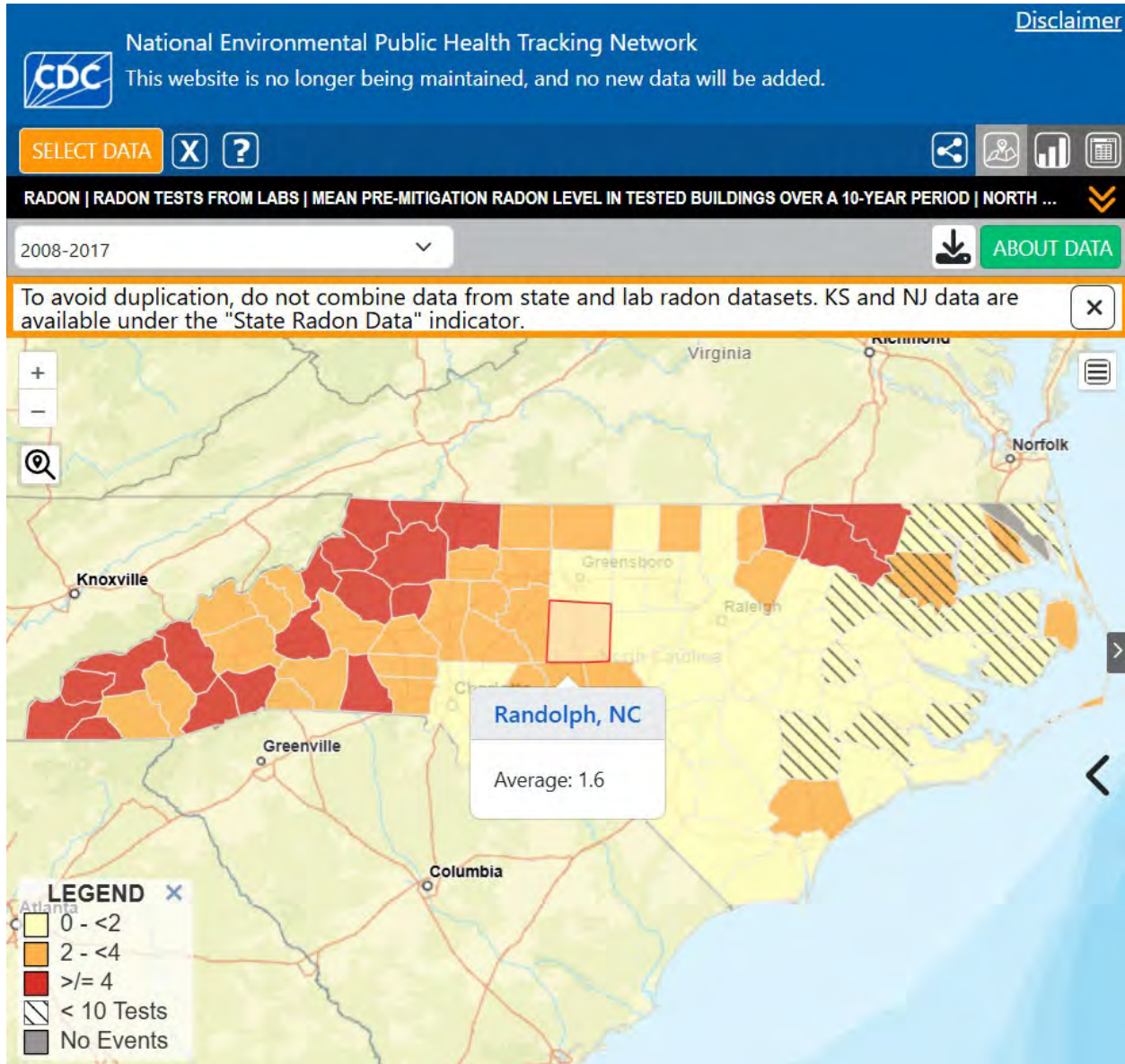
Sincerely,



James W. Brown  
Regional Supervisor  
Winston-Salem Regional Office  
UST Section, Division of Waste Management, NCDEQ

cc: Randolph County Health Department  
Jason Ricks, P.G., Pilot Environmental

**Jarrell Community Garden, Asheboro**  
**205 S. Cox St**



<https://ephtracking.cdc.gov/DataExplorer/>





## United States Department of the Interior

FISH AND WILDLIFE SERVICE  
Raleigh Ecological Services Field Office  
3916 Sunset Ridge Rd  
Raleigh, NC 27607  
Phone: (919) 856-4520 Fax: (919) 856-4556



In Reply Refer To:  
Project Code: 2025-0084141  
Project Name: Asheboro Garden Park

04/16/2025 17:08:52 UTC

Subject: List of threatened and endangered species that may occur in your proposed project location or may be affected by your proposed project

### To Whom It May Concern:

The enclosed species list identifies threatened, endangered, proposed and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 *et seq.*). If your project area contains suitable habitat for any of the federally-listed species on this species list, the proposed action has the potential to adversely affect those species. If suitable habitat is present, surveys should be conducted to determine the species' presence or absence within the project area. The use of this species list and/or North Carolina Natural Heritage program data should not be substituted for actual field surveys.

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the IPaC system by completing the same process used to receive the enclosed list.

The purpose of the Act is to provide a means whereby threatened and endangered species and the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the Act and its implementing regulations (50 CFR 402 *et seq.*), Federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered

species and to determine whether projects may affect threatened and endangered species and/or designated critical habitat.

A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2)(c)). For projects other than major construction activities, the Service suggests that a biological evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.

If a Federal agency determines, based on the Biological Assessment or biological evaluation, that listed species and/or designated critical habitat may be affected by the proposed project, the agency is required to consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species, proposed species and proposed critical habitat be addressed within the consultation. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at:

<https://www.fws.gov/sites/default/files/documents/endangered-species-consultation-handbook.pdf>

**Migratory Birds:** In addition to responsibilities to protect threatened and endangered species under the Endangered Species Act (ESA), there are additional responsibilities under the Migratory Bird Treaty Act (MBTA) and the Bald and Golden Eagle Protection Act (BGEPA) to protect native birds from project-related impacts. Any activity, intentional or unintentional, resulting in take of migratory birds, including eagles, is prohibited unless otherwise permitted by the U.S. Fish and Wildlife Service (50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)). For more information regarding these Acts, see <https://www.fws.gov/program/migratory-bird-permit/what-we-do>.

The MBTA has no provision for allowing take of migratory birds that may be unintentionally killed or injured by otherwise lawful activities. It is the responsibility of the project proponent to comply with these Acts by identifying potential impacts to migratory birds and eagles within applicable NEPA documents (when there is a federal nexus) or a Bird/Eagle Conservation Plan (when there is no federal nexus). Proponents should implement conservation measures to avoid or minimize the production of project-related stressors or minimize the exposure of birds and their resources to the project-related stressors. For more information on avian stressors and recommended conservation measures, see <https://www.fws.gov/library/collections/threats-birds>.

In addition to MBTA and BGEPA, Executive Order 13186: *Responsibilities of Federal Agencies to Protect Migratory Birds*, obligates all Federal agencies that engage in or authorize activities that might affect migratory birds, to minimize those effects and encourage conservation measures that will improve bird populations. Executive Order 13186 provides for the protection of both migratory birds and migratory bird habitat. For information regarding the implementation of Executive Order 13186, please visit <https://www.fws.gov/partner/council-conservation-migratory-birds>.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. Please include the Consultation Code in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment(s):

- Official Species List
- USFWS National Wildlife Refuges and Fish Hatcheries
- Bald & Golden Eagles
- Migratory Birds

## OFFICIAL SPECIES LIST

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

**Raleigh Ecological Services Field Office**  
3916 Sunset Ridge Rd  
Raleigh, NC 27607  
(919) 856-4520



## PROJECT SUMMARY

Project Code: 2025-0084141

Project Name: Asheboro Garden Park

Project Type: Federal Grant / Loan Related

Project Description: The Applicant will convert previous disturb ground to a garden park for the city. The City of Asheboro is using covid funds that were not used and a private donation.

Project Location:

The approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@35.70440985,-79.81110571707421,14z>



Counties: Randolph County, North Carolina

## ENDANGERED SPECIES ACT SPECIES

There is a total of 2 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries<sup>1</sup>, as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

- 
1. [NOAA Fisheries](#), also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

## INSECTS

| NAME                                                                                                                                                                                                                                                                        | STATUS                 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|
| Monarch Butterfly <i>Danaus plexippus</i><br>There is <b>proposed</b> critical habitat for this species. Your location does not overlap the critical habitat.<br>Species profile: <a href="https://ecos.fws.gov/ecp/species/9743">https://ecos.fws.gov/ecp/species/9743</a> | Proposed<br>Threatened |

## FLOWERING PLANTS

| NAME                                                                                                                                                                                                                             | STATUS     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| Schweinitz's Sunflower <i>Helianthus schweinitzii</i><br>No critical habitat has been designated for this species.<br>Species profile: <a href="https://ecos.fws.gov/ecp/species/3849">https://ecos.fws.gov/ecp/species/3849</a> | Endangered |

## CRITICAL HABITATS

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

YOU ARE STILL REQUIRED TO DETERMINE IF YOUR PROJECT(S) MAY HAVE EFFECTS ON ALL ABOVE LISTED SPECIES.

## USFWS NATIONAL WILDLIFE REFUGE LANDS AND FISH HATCHERIES

Any activity proposed on lands managed by the [National Wildlife Refuge](#) system must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

REFUGE INFORMATION WAS NOT AVAILABLE WHEN THIS SPECIES LIST WAS GENERATED. PLEASE CONTACT THE FIELD OFFICE FOR FURTHER INFORMATION.

## BALD & GOLDEN EAGLES

Bald and Golden Eagles are protected under the Bald and Golden Eagle Protection Act <sup>2</sup> and the Migratory Bird Treaty Act (MBTA) <sup>1</sup>. Any person or organization who plans or conducts activities that may result in impacts to Bald or Golden Eagles, or their habitats, should follow appropriate regulations and consider implementing appropriate avoidance and minimization measures, as described in the various links on this page.

- 
1. The [Bald and Golden Eagle Protection Act](#) of 1940.
  2. The [Migratory Birds Treaty Act](#) of 1918.
  3. 50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)



There are Bald Eagles and/or Golden Eagles in your [project](#) area.

### Measures for Proactively Minimizing Eagle Impacts

For information on how to best avoid and minimize disturbance to nesting bald eagles, please review the [National Bald Eagle Management Guidelines](#). You may employ the timing and activity-specific distance recommendations in this document when designing your project/activity to avoid and minimize eagle impacts. For bald eagle information specific to Alaska, please refer to [Bald Eagle Nesting and Sensitivity to Human Activity](#).

The FWS does not currently have guidelines for avoiding and minimizing disturbance to nesting Golden Eagles. For site-specific recommendations regarding nesting Golden Eagles, please consult with the appropriate Regional [Migratory Bird Office](#) or [Ecological Services Field Office](#).

If disturbance or take of eagles cannot be avoided, an [incidental take permit](#) may be available to authorize any take that results from, but is not the purpose of, an otherwise lawful activity. For assistance making this determination for Bald Eagles, visit the [Do I Need A Permit Tool](#). For assistance making this determination for golden eagles, please consult with the appropriate Regional [Migratory Bird Office](#) or [Ecological Services Field Office](#).

### Ensure Your Eagle List is Accurate and Complete

If your project area is in a poorly surveyed area in IPaC, your list may not be complete and you may need to rely on other resources to determine what species may be present (e.g. your local FWS field office, state surveys, your own surveys). Please review the [Supplemental Information on Migratory Birds and Eagles](#), to help you properly interpret the report for your specified location, including determining if there is sufficient data to ensure your list is accurate.

For guidance on when to schedule activities or implement avoidance and minimization measures to reduce impacts to bald or golden eagles on your list, see the "Probability of Presence Summary" below to see when these bald or golden eagles are most likely to be present and breeding in your project area.

| NAME                                                                                                                                                                                                                                                                                                                                                           | BREEDING SEASON        |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|
| Bald Eagle <i>Haliaeetus leucocephalus</i><br>This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.<br><a href="https://ecos.fws.gov/ecp/species/1626">https://ecos.fws.gov/ecp/species/1626</a> | Breeds Sep 1 to Jul 31 |

## PROBABILITY OF PRESENCE SUMMARY

The graphs below provide our best understanding of when birds of concern are most likely to be present in your project area. This information can be used to tailor and schedule your project activities to avoid or minimize impacts to birds. Please make sure you read ["Supplemental Information on Migratory Birds and Eagles"](#), specifically the FAQ section titled "Proper Interpretation and Use of Your Migratory Bird Report" before using or attempting to interpret this report.

### Probability of Presence (■)

Green bars; the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during that week of the year.

### Breeding Season (■)

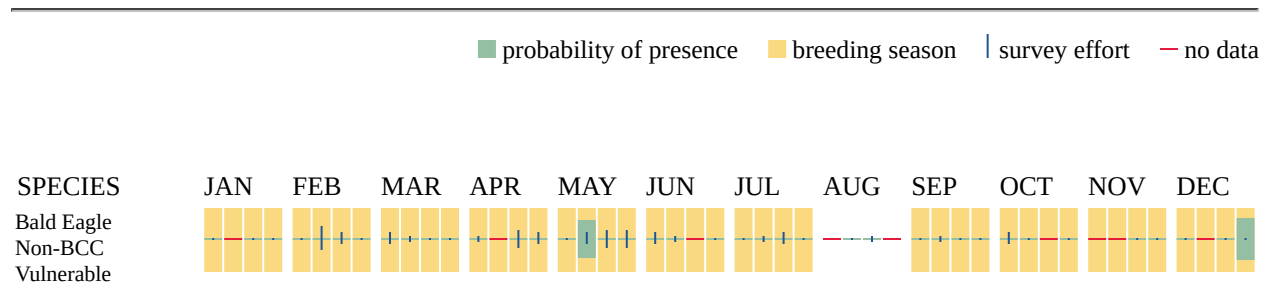
Yellow bars; liberal estimate of the timeframe inside which the bird breeds across its entire range.

### Survey Effort (|)

Vertical black lines; the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps.

### No Data (—)

A week is marked as having no data if there were no survey events for that week.



Additional information can be found using the following links:

- Eagle Management <https://www.fws.gov/program/eagle-management>
- Measures for avoiding and minimizing impacts to birds <https://www.fws.gov/library/collections/avoiding-and-minimizing-incidental-take-migratory-birds>
- Nationwide avoidance and minimization measures for birds <https://www.fws.gov/sites/default/files/documents/nationwide-standard-conservation-measures.pdf>
- Supplemental Information for Migratory Birds and Eagles in IPaC <https://www.fws.gov/media/supplemental-information-migratory-birds-and-bald-and-golden-eagles-may-occur-project-action>

## MIGRATORY BIRDS

The Migratory Bird Treaty Act (MBTA) <sup>1</sup> prohibits the take (including killing, capturing, selling, trading, and transport) of protected migratory bird species without prior authorization by the Department of Interior U.S. Fish and Wildlife Service (Service). The incidental take of migratory birds is the injury or death of birds that results from, but is not the purpose, of an activity. The Service interprets the MBTA to prohibit incidental take.

- 
1. The [Migratory Birds Treaty Act](#) of 1918.
  2. The [Bald and Golden Eagle Protection Act](#) of 1940.

## 3. 50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)

For guidance on when to schedule activities or implement avoidance and minimization measures to reduce impacts to migratory birds on your list, see the "Probability of Presence Summary" below to see when these birds are most likely to be present and breeding in your project area.

| NAME                                                                                                                                                                                                                                                                                                                                                                  | BREEDING SEASON         |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| <b>Bald Eagle <i>Haliaeetus leucocephalus</i></b><br>This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.<br><a href="https://ecos.fws.gov/ecp/species/1626">https://ecos.fws.gov/ecp/species/1626</a> | Breeds Sep 1 to Jul 31  |
| <b>Chimney Swift <i>Chaetura pelagica</i></b><br>This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.<br><a href="https://ecos.fws.gov/ecp/species/9406">https://ecos.fws.gov/ecp/species/9406</a>                                                                                                                    | Breeds Mar 15 to Aug 25 |
| <b>Prairie Warbler <i>Setophaga discolor</i></b><br>This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.<br><a href="https://ecos.fws.gov/ecp/species/9513">https://ecos.fws.gov/ecp/species/9513</a>                                                                                                                 | Breeds May 1 to Jul 31  |
| <b>Red-headed Woodpecker <i>Melanerpes erythrocephalus</i></b><br>This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.<br><a href="https://ecos.fws.gov/ecp/species/9398">https://ecos.fws.gov/ecp/species/9398</a>                                                                                                   | Breeds May 10 to Sep 10 |
| <b>Wood Thrush <i>Hylocichla mustelina</i></b><br>This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.<br><a href="https://ecos.fws.gov/ecp/species/9431">https://ecos.fws.gov/ecp/species/9431</a>                                                                                                                   | Breeds May 10 to Aug 31 |

## PROBABILITY OF PRESENCE SUMMARY

The graphs below provide our best understanding of when birds of concern are most likely to be present in your project area. This information can be used to tailor and schedule your project activities to avoid or minimize impacts to birds. Please make sure you read "[Supplemental Information on Migratory Birds and Eagles](#)", specifically the FAQ section titled "Proper Interpretation and Use of Your Migratory Bird Report" before using or attempting to interpret this report.

### Probability of Presence (■)

Green bars; the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during that week of the year.

### Breeding Season (■)



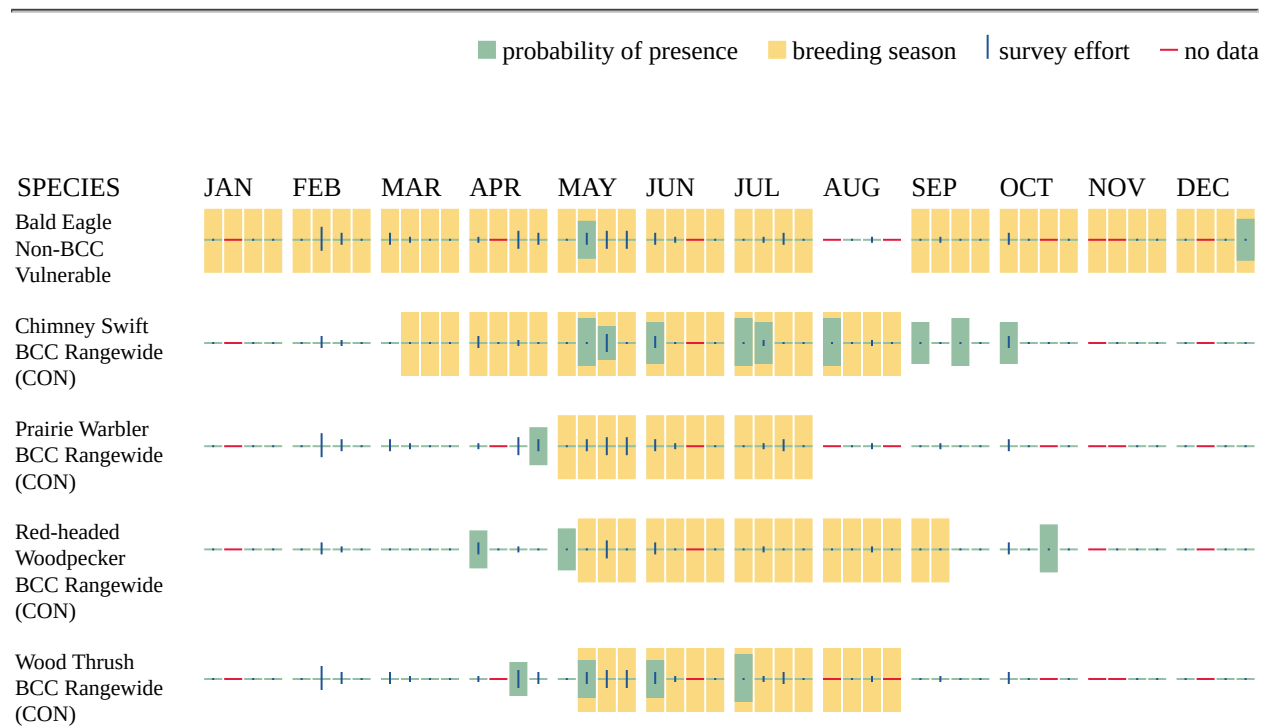
Yellow bars; liberal estimate of the timeframe inside which the bird breeds across its entire range.

### Survey Effort (|)

Vertical black lines; the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps.

### No Data (—)

A week is marked as having no data if there were no survey events for that week.



Additional information can be found using the following links:

- Eagle Management <https://www.fws.gov/program/eagle-management>
- Measures for avoiding and minimizing impacts to birds <https://www.fws.gov/library/collections/avoiding-and-minimizing-incident-take-migratory-birds>
- Nationwide avoidance and minimization measures for birds
- Supplemental Information for Migratory Birds and Eagles in IPaC <https://www.fws.gov/media/supplemental-information-migratory-birds-and-bald-and-golden-eagles-may-occur-project-action>

## **IPAC USER CONTACT INFORMATION**

Agency: Insight Planning & Development

Name: JoAnna McDonald

Address: 5030 New Centre Drive Suite A

City: Wilmington

State: NC

Zip: 28403

Email: [jmcdonald@insight-pd.com](mailto:jmcdonald@insight-pd.com)

Phone: 9106229852

## NC Heritage Report, Randolph Co.

| Taxonomic            | Scientific Name                          | Common Name       | NC Status   | Federal Status | State Rank | Global Rank | County   | County Status | Notes              |                  |
|----------------------|------------------------------------------|-------------------|-------------|----------------|------------|-------------|----------|---------------|--------------------|------------------|
| Vascular Plant       | <i>Acemispion</i>                        | Carolina Bluebell |             | none           | S3         | G5T3        | Randolph | Current       | woodlands          |                  |
| Vascular Plant       | <i>Agalinis</i>                          | Piedmont Cuckoo   | W-RS        | none           | S3         | G3G4        | Randolph | Current       | dry, open sites    |                  |
| Freshwater Alga      | <i>Midon</i>                             | Triangle Flag     |             | none           | S3         | G4          | Randolph | Current       | Roanoke, C         |                  |
| Freshwater Alga      | <i>Midon</i>                             | Uwharrie Eel      | SR          | none           | S1S2       | G1?         | Randolph | Current       | Pee Dee drainage   |                  |
| Freshwater Alga      | <i>Midon</i>                             | Brook Floater     |             | none           | S3         | G3          | Randolph | Current       | Cape Fear drainage |                  |
| Freshwater Amphibian | <i>lit</i>                               | Roanoke Blue      | SR          | none           | S2         | G3          | Randolph | Current       | streams in         |                  |
| Bird                 | <i>Ammodramus</i>                        | Grasshopper       | W-PD, W-T   | none           | S3B,S1N    | G5          | Randolph | Current       | pastures and       |                  |
| Vascular Plant       | <i>Amorpha</i>                           | Piedmont Locust   | W-RS        | none           | S3         | G3G4        | Randolph | Current       | dry forests        |                  |
| Vascular Plant       | <i>Anemone</i>                           | Southern Arrow    |             | none           | S1S2       | G4G5        | Randolph | Current       | thin soils and     |                  |
| Reptile              | <i>Apalone</i>                           | sp. Gulf Coast    | W-RS        | none           | S3         | G5T5        | Randolph | Current       | large stream       |                  |
| Moth                 | <i>Baltodonta</i>                        | a new Pron        | W-PK        | none           | S2S3       | G3G4        | Randolph | Current       | bottomlands        |                  |
| Vascular Plant       | <i>Baptisia</i>                          | all Thicket       |             | none           | S2S3       | G5          | Randolph | Current       | open wood          |                  |
| Natural Community    | Basic Mesic Forest (Piedmont Sub         |                   |             | none           | S3S4       | G3G4        | Randolph | Current       | null               |                  |
| Vascular Plant       | <i>Berberis</i>                          | ca. American      | E SC-V      | none           | S2         | G3G4        | Randolph | Historical    | open forest        |                  |
| Moth                 | <i>Bleptina</i>                          | sa. a Litter      | Mot SR      | none           | S1S2       | GU          | Randolph | Current       | habitats not       |                  |
| Sawfly, Wasp         | <i>Bombus</i>                            | pe. American      | E W-PK      | none           | S3S4       | G3G4        | Randolph | Current       | open habitats      |                  |
| Crustacean           | <i>Cambarus</i>                          | Greensboro        | SC          | none           | S1         | G2          | Randolph | Historical    | Cape Fear drainage |                  |
| Crustacean           | <i>Cambarus</i>                          | Carolina          | L SR        | none           | S3         | G3          | Randolph | Current       | Neuse and          |                  |
| Vascular Plant       | <i>Cardamine</i>                         | Dissected         | SC-V        | none           | S2         | G4?         | Randolph | Current       | rich woods,        |                  |
| Vascular Plant       | <i>Carex</i>                             | leaves            | Leavenworth | W-RS           | none       | S3          | G5       | Randolph      | Historical         | dry woods        |
| Vascular Plant       | <i>Carex</i>                             | sparsely          | Bur-reed    | S W-PK         | none       | S2?         | G5       | Randolph      | Historical         | rich cove forest |
| Vascular Plant       | <i>Celastrus</i>                         | s. American       | E E         | none           | S2?        | G5          | Randolph | Historical    | cove forest        |                  |
| Reptile              | <i>Cemophorus</i>                        | Scarlet Snake     | W-PD, W-T   | none           | S3         | G5          | Randolph | Current       | sandhills, s       |                  |
| Caddisfly            | <i>Ceraclea</i>                          | tz. Dot-footed    | W-PK        | none           | S3         | G5          | Randolph | Current       | Cane Creek         |                  |
| Mammal               | <i>Condylura</i>                         | Star-nosed        | SC          | none           | S2         | G5T2Q       | Randolph | Current       | moist meadows      |                  |
| Reptile              | <i>Crotalus</i>                          | h. Timber         | Rat SC      | none           | S3         | G4          | Randolph | Current       | wetland for        |                  |
| Crustacean           | <i>Dactylocytha</i>                      | Pee Dee           | Cr W-PK     | none           | S2?        | GNR         | Randolph | Current       | symbiotic c        |                  |
| Butterfly            | <i>Danaus</i>                            | ple. Monarch      | W-PD        | PT             | S4         | G4          | Randolph | Current       | patches of         |                  |
| Vascular Plant       | <i>Dirca</i>                             | palustris         | Leatherwort | W-RS           | none       | S3          | G5       | Randolph      | Current            | rich woods,      |
| Natural Community    | Dry Basic Oak--Hickory Forest            |                   |             | none           | S2S3       | G2G3        | Randolph | Current       | null               |                  |
| Natural Community    | Dry Oak--Hickory Forest (Piedmont)       |                   |             | none           | S4         | G4G5        | Randolph | Current       | null               |                  |
| Natural Community    | Dry-Mesic Basic Oak--Hickory Forest      |                   |             | none           | S3         | G3G4        | Randolph | Current       | null               |                  |
| Natural Community    | Dry-Mesic Oak--Hickory Forest (Piedmont) |                   |             | none           | S4         | G4G5        | Randolph | Current       | null               |                  |
| Vascular Plant       | <i>Echinacea</i>                         | Purple Cone       | SR-O        | none           | S1         | G5          | Randolph | Current       | open wood          |                  |
| Vascular Plant       | <i>Eleocharis</i>                        | Horsetail         | S W-RS      | none           | S3         | G4          | Randolph | Current       | limesink po        |                  |
| Freshwater Elliptio  | con. Carolina                            | Sl W-RS, W-T      |             | none           | S3         | G3          | Randolph | Current       | drainages r        |                  |
| Freshwater Elliptio  | roanoke                                  | Sl SC             |             | none           | S3         | G3          | Randolph | Current       | Roanoke, T         |                  |
| Moss                 | <i>Entosthodon</i>                       | A Cord Moss       | W-PK        | none           | SH         | G4G5        | Randolph | Historical    | primarily s        |                  |
| Moss                 | <i>Entosthodon</i>                       | A Cord Moss       | W-PK        | none           | SH         | G4          | Randolph | Historical    | on soil of di      |                  |
| Freshwater Etheostom | Carolina D                               | SC                |             | none           | S3         | G3          | Randolph | Current       | Roanoke, T         |                  |
| Vascular Plant       | <i>Eupatorium</i>                        | Tall Boneset      | W-RS        | none           | S2         | GNR         | Randolph | Current       | woodlands          |                  |
| Mayfly               | <i>Eurylophella</i>                      | Eno River         | S W-TH      | none           | S3         | G4          | Randolph | Current       | wide-rangir        |                  |
| Natural Community    | Floodplain Pool                          |                   |             | none           | S2         | G3          | Randolph | Current       | null               |                  |



|             |                                  |                 |           |      |      |       |          |            |                |
|-------------|----------------------------------|-----------------|-----------|------|------|-------|----------|------------|----------------|
| Vascular PI | Fraxinus bi                      | Biltmore A      | W-QT      | none | S2S4 | G5    | Randolph | Current    | mesic slope    |
| Freshwater  | Fusconaia                        | Atlantic Pig    | T         | T    | S3   | G1    | Randolph | Current    | Roanoke, T     |
| Moth        | Gabara pul                       | an Erebid       | W-PK      | none | S3?  | G4    | Randolph | Current    | habitats po    |
| Vascular PI | Glandularia                      | Rose Mock       | W-PK      | none | S1?  | G5    | Randolph | Historical | sandhills, d   |
| Vascular PI | Helianthus                       | Schweinitz      | E         | E    | S3   | G2?   | Randolph | Current    | open woodl     |
| Amphibian   | Hemidactyl                       | Four-toed       | SC        | none | S3   | G5    | Randolph | Current    | pools, bogs    |
| Butterfly   | Hesperia le                      | Leonard's       | W-RS      | none | S2S3 | G4    | Randolph | Current    | wooded bo      |
| Butterfly   | Hesperia rr                      | Cobweb Sk       | SR        | none | S2   | G4    | Randolph | Historical | dry barren s   |
| Vascular PI | Heuchera c                       | Carolina Al     | W-PK      | none | S3   | G3    | Randolph | Historical | rich, rocky v  |
| Vascular PI | Hexalectris                      | Crested Cc      | SR-P      | none | S2   | G5    | Randolph | Current    | dry or mesic   |
| Natural Co  | Hillside Seepage                 | Bog             |           | none | S1   | G2    | Randolph | Current    | null           |
| Vascular PI | Humulus a                        | Hops            | W-PK      | none | S1?  | G5T5  | Randolph | Historical | alluvial fore  |
| Vascular PI | Humulus p                        | Hops            | W-NN      | none | SU   | G5T4? | Randolph | Historical | bottomland     |
| Dragonfly c | Hylogomph                        | Spine-crow      | W-RS      | none | S3S4 | G4    | Randolph | Historical | rivers (Cass   |
| Moth        | Hypomecis                        | Broadly Pe      | W-PK      | none | S3S4 | G3G4  | Randolph | Current    | hardwood s     |
| Vascular PI | Isotria verti                    | Large Who       | W-RS      | none | S2S3 | G5    | Randolph | Current    | forests        |
| Reptile     | Lampropelt                       | Scarlet Kin     | W-PD, W-T | none | S3   | G5    | Randolph | Current    | pine flatwo    |
| Freshwater  | Lampsilis c                      | Yellow Larr     | E         | none | S3   | G3G4  | Randolph | Current    | Chowan, Ro     |
| Freshwater  | Lampsilis r                      | Eastern Lar     | T         | none | S3   | G5    | Randolph | Current    | Chowan, Ro     |
| Freshwater  | Lampsilis s                      | Chameleor       | SR        | none | S2   | G2    | Randolph | Current    | Tar, Neuse,    |
| Freshwater  | Lasmigona                        | Green Floa      | E         | PT   | S2   | G2G3  | Randolph | Current    | New, Watai     |
| Vascular PI | Lespedeza                        | Violet Lesp     | W-PK      | none | S2?  | G5    | Randolph | Current    | woodlands      |
| Vascular PI | Lilium can                       | Canada Lil      | E         | none | S1   | G5    | Randolph | Current    | bogs, wet n    |
| Freshwater  | Lioplax sub                      | Ridged Lio      | SC        | none | S3   | G4G5  | Randolph | Current    | streams an     |
| Natural Co  | Low Elevation Seep               | (Typic Subtype) |           | none | S3   | G3?   | Randolph | Current    | null           |
| Vascular PI | Manfreda v                       | Eastern Ag      | W-RS      | none | S3   | G5    | Randolph | Current    | granite flatl  |
| Grasshopp   | Melanoplus                       | Hubbell's       | W-PK      | none | SU   | G4    | Randolph | Current    | dry woodlan    |
| Grasshopp   | Melanoplus                       | Black-side      | W-PK      | none | S3?  | GU    | Randolph | Current    | upland fore    |
| Natural Co  | Mesic Mixed Hardwood Forest      | (Pie            |           | none | S4   | G3G4  | Randolph | Current    | null           |
| Vascular PI | Monotrops                        | Sweet Pine      | SR-O      | none | S3   | G3    | Randolph | Current    | dry forests    |
| Freshwater  | Moxostoma                        | Carolina R      | T         | none | S2   | G1G2Q | Randolph | Current    | Cape Fear a    |
| Vascular PI | Najas graci                      | Slender W       | W-PK      | none | S2   | G4G5  | Randolph | Historical | pools and l    |
| Freshwater  | Notropis m                       | Cape Fear       | E         | E    | S1   | G1    | Randolph | Current    | Cape Fear c    |
| Caddisfly   | Padunia je                       | a Caddisfly     | W-RS      | none | S3   | G4    | Randolph | Current    | streams an     |
| Vascular PI | Panax quin                       | Ginseng         | SR-O      | none | S3   | G3G4  | Randolph | Current    | cove forest    |
| Moth        | Papaipema                        | Cup Plant       | W-PK      | none | SU   | G4?   | Randolph | Current    | rich cove fo   |
| Mammal      | Perimyotis                       | Tricolored      | I E       | PE   | S3   | G3G4  | Randolph | Current    | roosts in cli  |
| Vascular PI | Philadelph                       | Scentless       | W-RS      | none | S3   | G4G5  | Randolph | Current    | bluffs, cliffs |
| Natural Co  | Piedmont Acidic Glade            |                 |           | none | S2   | G2    | Randolph | Current    | null           |
| Natural Co  | Piedmont Alluvial Forest         |                 |           | none | S4   | G4    | Randolph | Current    | null           |
| Natural Co  | Piedmont Basic Glade (Typic Subt |                 |           | none | S2   | G2    | Randolph | Current    | null           |
| Natural Co  | Piedmont Cliff (Acidic Subtype)  |                 |           | none | S2   | G2?   | Randolph | Current    | null           |
| Natural Co  | Piedmont Headwater Stream Fore   |                 |           | none | S3S4 | G3G4  | Randolph | Current    | null           |
| Natural Co  | Piedmont Monadnock Forest (Hea   |                 |           | none | S2   | G3    | Randolph | Current    | null           |

|                                                   |      |      |          |            |              |
|---------------------------------------------------|------|------|----------|------------|--------------|
| Natural Co Piedmont Monadnock Forest (Pine none   | S2   | G2   | Randolph | Current    | null         |
| Natural Co Piedmont Monadnock Forest (Typi none   | S3   | G3G4 | Randolph | Current    | null         |
| Natural Co Piedmont/Coastal Plain Heath Blu none  | S3   | G3   | Randolph | Current    | null         |
| Natural Co Rocky Bar and Shore (Mixed Bar St none | S3   | G4   | Randolph | Current    | null         |
| Natural Co Rocky Bar and Shore (Water Willow none | S4   | G4G5 | Randolph | Current    | null         |
| Grasshopp Romalea r Eastern Lul W-PK none         | SU   | G5   | Randolph | Current    | open wood    |
| Vascular Pl Ruellia pur Pursh's Wil SC-V none     | S2   | G3   | Randolph | Historical | glades and   |
| Vascular Pl Sabatia qu Four-angle W-PK none       | S2   | G4G5 | Randolph | Historical | moist to me  |
| Freshwater Sagittunio Carolina Cl E none          | S3   | G2G3 | Randolph | Current    | Cape Fear,   |
| Vascular Pl Schoenopl Canby's Bu SR-P none        | S3   | G3G4 | Randolph | Historical | blackwater   |
| Vascular Pl Stewartia c Mountain C SR-P none      | S3   | G4   | Randolph | Current    | bluffs and f |
| Freshwater Strophitus Creeper T none              | S3   | G5   | Randolph | Current    | Roanoke, T   |
| Vascular Pl Symphyotr Georgia As T C              | S3   | G3   | Randolph | Current    | open wood    |
| Moss Thuidium r Hokkaido F W-PK none              | S2?  | G5   | Randolph | Historical | on moist sc  |
| Freshwater Toxolasma Savannah I E none            | S2   | G2   | Randolph | Current    | Cape Fear,   |
| Vascular Pl Tradescant Virginia Spi SR-O none     | S2S3 | G5   | Randolph | Current    | rich woods   |
| Caddisfly Triaenodes Bordered L W-PK none         | S3   | G5   | Randolph | Current    | Stewart Cre  |
| Caddisfly Triaenodes Funeral Lor W-PK none        | S3   | G5   | Randolph | Current    | small Piedr  |
| Vascular Pl Trifolium re Buffalo Clo T none       | S1S2 | G3G4 | Randolph | Historical | open wood    |
| Vascular Pl Triosteum Smooth Le W-PK none         | S2   | G5T5 | Randolph | Historical | mesic fores  |
| Natural Co Upland Depression Swamp Forest none    | S2S3 | G2G3 | Randolph | Current    | null         |
| Natural Co Upland Pool (Typic Piedmont Subt none  | S1   | G1   | Randolph | Current    | null         |
| Vascular Pl Valerianell Woodland W-PK none        | S2?  | G4   | Randolph | Historical | moist and c  |
| Freshwater Venustaco Notched R T none             | S3   | G3   | Randolph | Current    | Roanoke, T   |
| Freshwater Villosa deli Eastern Cr SR none        | S4   | G4   | Randolph | Current    | Cape Fear,   |
| Reptile Virginia val Smooth Ea W-RS none          | S3   | G5   | Randolph | Current    | deciduous    |
| Natural Co Xeric Hardpan Forest (Basic Hardp none | S2   | G2G3 | Randolph | Current    | null         |
| Stonefly Zealeuctra Uwharrie NSR none             | S2   | G2   | Randolph | Current    | springs and  |

milkweed [breeding evidence only]; foraging habitat diverse; nectar sources at roosting locations along coastal flyw



sites, such as powerline clearings and pine/oak sandhills; host plants -- mainly broomsedge (*Andropogon*)

ods, mesic pine-hardwood forests (Alamance, Beaufort, Bertie, Bladen, Brunswick, Carteret, Chowan, Columbus, C







Craven, Currituck, Dare, Harnett, Hoke, Hyde, Jones, Lenoir, Macon, Mecklenburg, Montgomery, New Hanover, Onslow







ow, Orange, Pamlico, Pasquotank, Pender, Perquimans, Pitt, Polk, Randolph, Richmond, Rutherford, Sampson, Scot







land, Stanly, Stokes, Tyrrell, Wake)