



U.S. Department of Housing and Urban
Development
451 Seventh Street, SW
Washington, DC 20410
www.hud.gov
espanol.hud.gov

Environmental Assessment Determinations and Compliance Findings for HUD-assisted Projects 24 CFR Part 58

Project Information

Project Name: Installation of Sunshades at Playground – Henderson Park

Responsible Entity: City of New Bern

Grant Recipient (if different than Responsible Entity):

State/Local Identifier: North Carolina

Preparer: Sue Steinhauser, Community Development Coordinator

Certifying Officer Name and Title: Dana E. Outlaw, Mayor

Grant Recipient (if different than Responsible Entity):

Consultant (if applicable):

Direct Comments to: Sue Steinhauser
Community Development Coordinator
City of New Bern
P.O. Box 1129
New Bern, NC 28563-1129

Phone: (252) 639-7586

Fax: (252) 636-2146

Email: steinhausers@newbern-nc.org

Project Location: 901 Chapman Street – Henderson Park

Attachment A is a site map and photos

Description of the Proposed Project [24 CFR 50.12 & 58.32; 40 CFR 1508.25]:

Installation of Sunshades at Playground at Henderson Park

Statement of Purpose and Need for the Proposal [40 CFR 1508.9(b)]:

Installation of sunshades at the playground will help block the potentially harmful rays of the sun and allow the children to play outside longer.

Existing Conditions and Trends [24 CFR 58.40(a)]:

Henderson Park is adjacent to the Stanley White Recreation Center and is located in a predominantly low-income, historically minority community. The recreation center and park are used by the members of the community, not only for recreation, but as a community center. Currently the playground at the park is unshaded, except for one of portion of the equipment.

Funding Information

Grant Number	HUD Program	Funding Amount
B-14-MC-37-0024	CDBG	\$263,375

Estimated Total HUD Funded Amount: \$16,000

Estimated Total Project Cost (HUD and non-HUD funds) [24 CFR 58.32(d)]:

\$16,000

Compliance with 24 CFR 50.4, 58.5, and 58.6 Laws and Authorities

Record below the compliance or conformance determinations for each statute, executive order, or regulation. Provide credible, traceable, and supportive source documentation for each authority. Where applicable, complete the necessary reviews or consultations and obtain or note applicable permits of approvals. Clearly note citations, dates/names/titles of contacts, and page references. Attach additional documentation as appropriate.

Compliance Factors: Statutes, Executive Orders, and Regulations listed at 24 CFR §58.5 and §58.6	Are formal compliance steps or mitigation required?	Compliance determinations
STATUTES, EXECUTIVE ORDERS, AND REGULATIONS LISTED AT 24 CFR 50.4 and 58.6		
Airport Hazards 24 CFR Part 51 Subpart D	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	Project is not construction of a building.

<p>Coastal Barrier Resources</p> <p>Coastal Barrier Resources Act, as amended by the Coastal Barrier Improvement Act of 1990 [16 USC 3501]</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>There are no Coastal Barrier Resources in the area.</p> <p>See Attachment B.</p>
<p>Flood Insurance</p> <p>Flood Disaster Protection Act of 1973 and National Flood Insurance Reform Act of 1994 [42 USC 4001-4128 and 42 USC 5154a]</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>Project is not construction of a building, however, the City maintains flood insurance on all buildings in the floodplain.</p>
<p>STATUTES, EXECUTIVE ORDERS, AND REGULATIONS LISTED AT 24 CFR 50.4 & 58.5</p>		
<p>Clean Air</p> <p>Clean Air Act, as amended, particularly section 176(c) & (d); 40 CFR Parts 6, 51, 93</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>Project is not a Complex (Transportation) Source or Stationary Source</p>
<p>Coastal Zone Management</p> <p>Coastal Zone Management Act, sections 307(c) & (d)</p>	<p>Yes No</p> <p><input checked="" type="checkbox"/> <input type="checkbox"/></p>	<p>Craven County is a Coastal County. Letter requesting Consistency Review is attached (Attachment C)</p>
<p>Contamination and Toxic Substances</p> <p>24 CFR Part 50.3(i) & 58.5(i)(2)</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>Contamination from nearby Brownfields sites are not expected to affect this site. (Attachment D)</p>
<p>Endangered Species</p> <p>Endangered Species Act of 1973, particularly section 7; 50 CFR Part 402</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>FWS Letter (Attachment E)</p>
<p>Explosive and Flammable Hazards</p> <p>24 CFR Part 51 Subpart C</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>Project meets the ASD from identified ASTs. (Attachment F)</p>
<p>Farmlands Protection</p> <p>Farmland Protection Policy Act of 1981, particularly sections 1504(b) and 1541; 7 CFR Part 658</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>Project site is in an urbanized area and has already been developed. (Attachment G)</p>
<p>Floodplain Management</p> <p>Executive Order 11988, particularly section 2(a); 24 CFR Part 55</p>	<p>Yes No</p> <p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The project site is in an AE zone. Map number 320558000J Panel 5580 Effective Date 7/2/2004 8-step process documentation is located in the project ERR. (Attachment H)</p>

Historic Preservation National Historic Preservation Act of 1966, particularly sections 106 and 110; 36 CFR Part 800	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	See attached letters from SHPO and Catawba Indian Nation (Attachment I)
Noise Abatement and Control Noise Control Act of 1972, as amended by the Quiet Communities Act of 1978; 24 CFR Part 51 Subpart B	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	Project is not construction of a building nor is it a noise sensitive activity.
Sole Source Aquifers Safe Drinking Water Act of 1974, as amended, particularly section 1424(e); 40 CFR Part 149	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	There are no sole source aquifers in North Carolina. (Attachment J)
Wetlands Protection Executive Order 11990, particularly sections 2 and 5	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	Wetlands map attached. Project area was reviewed by staff. No Jurisdictional Wetlands were identified. (Attachment K)
Wild and Scenic Rivers Wild and Scenic Rivers Act of 1968, particularly section 7(b) and (c)	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	There are no Wild and Scenic Rivers in New Bern. The portions of the Neuse River that are identified by NPS as in Craven County are not inside the City limits of New Bern. (Attachment L)
ENVIRONMENTAL JUSTICE		
Environmental Justice Executive Order 12898	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	Based on our analysis and review, there will be no disproportionately adverse environmental impact on low income and/or minority populations as documented in this ERR. (Attachment M)

Environmental Assessment Factors [24 CFR 58.40; Ref. 40 CFR 1508.8 & 1508.27] Recorded below is the qualitative and quantitative significance of the effects of the proposal on the character, features and resources of the project area. Each factor has been evaluated and documented, as appropriate and in proportion to its relevance to the proposed action. Verifiable source documentation has been provided and described in support of each determination, as appropriate. Credible, traceable and supportive source documentation for each authority has been provided. Where applicable, the necessary reviews or consultations have been completed and applicable permits of approvals have been obtained or noted. Citations, dates/names/titles of contacts, and page references are clear. Additional documentation is attached, as appropriate. **All conditions, attenuation or mitigation measures have been clearly identified.**

Impact Codes: Use an impact code from the following list to make the determination of impact for each factor.

- (1) Minor beneficial impact
- (2) No impact anticipated
- (3) Minor Adverse Impact – May require mitigation

(4) Significant or potentially significant impact requiring avoidance or modification which may require an Environmental Impact Statement

Environmental Assessment Factor	Impact Code	Impact Evaluation
LAND DEVELOPMENT		
Conformance with Plans / Compatible Land Use and Zoning / Scale and Urban Design	2	The project is compatible with local plans.
Soil Suitability/ Slope/ Erosion/ Drainage/ Storm Water Runoff	2	The project will not impact soil suitability, slope, erosion, drainage, or storm water runoff.
Hazards and Nuisances including Site Safety and Noise	2	The project will not create hazards or nuisances. There may be some increase in noise during the installation, but noise levels will return to normal.
Energy Consumption	2	The project will not impact energy consumption in the area.

Environmental Assessment Factor	Impact Code	Impact Evaluation
SOCIOECONOMIC		
Employment and Income Patterns	2	The project will not impact employment and income patterns of the area.
Demographic Character Changes, Displacement	2	The project will not affect the demographics of the area or cause displacement.

Environmental Assessment Factor	Impact Code	Impact Evaluation
COMMUNITY FACILITIES AND SERVICES		
Educational and Cultural Facilities	2	The project will have no adverse affect on local educational or cultural facilities.
Commercial Facilities	2	There are no commercial facilities in the project area.
Health Care and Social Services	2	The project will not impact health care and social services.
Solid Waste Disposal / Recycling	2	The project will not impact solid waste disposal/recycling.

Waste Water / Sanitary Sewers	2	The project will not impact waste water and sanitary sewers.
Water Supply	2	The project will not impact the city's water supply.
Public Safety - Police, Fire and Emergency Medical	2	The project not impact public safety.
Parks, Open Space and Recreation	2	The project will have a positive impact on the park.
Transportation and Accessibility	2	The project will not impact transportation or accessibility.

Environmental Assessment Factor	Impact Code	Impact Evaluation
NATURAL FEATURES		
Unique Natural Features, Water Resources	2	No unique features or water resources will be affected.
Vegetation, Wildlife	2	The project will not adversely impact vegetation or wildlife.
Other Factors		

Additional Studies Performed:

Field Inspection (Date and completed by): Field inspection conducted on May 7, 2015 by Sue Steinhauser, Community Development Coordinator.

List of Sources, Agencies and Persons Consulted [40 CFR 1508.9(b)]:

City of New Bern Development Services Department – City Planner
 NC Division of Coastal Management – Consistency Review

List of Permits Obtained:

None required.

Public Outreach [24 CFR 50.23 & 58.43]:

None.

Cumulative Impact Analysis [24 CFR 58.32]:

There will be no cumulative negative impact to the area.

Alternatives [24 CFR 58.40(e); 40 CFR 1508.9]

None.

No Action Alternative [24 CFR 58.40(e)]: Taking no action will result in the children utilizing the playground being subjected to potentially unsafe levels of harmful rays from the sun.

Summary of Findings and Conclusions: Installation of Sunshades at the play ground at Henderson Park

There will be no significant adverse impact on the environment. Installation of the sunshades will have a positive impact on the people by limiting the amount of potentially harmful rays from the sun and extending the amount of time children can safely play outside.

Mitigation Measures and Conditions [40 CFR 1505.2(c)]

Summarize below all mitigation measures adopted by the Responsible Entity to reduce, avoid, or eliminate adverse environmental impacts and to avoid non-compliance or non-conformance with the above-listed authorities and factors. These measures/conditions must be incorporated into project contracts, development agreements, and other relevant documents. The staff responsible for implementing and monitoring mitigation measures should be clearly identified in the mitigation plan.

Law, Authority, or Factor	Mitigation Measure

Determination:

- Finding of No Significant Impact** [24 CFR 58.40(g)(1); 40 CFR 1508.27]
The project will not result in a significant impact on the quality of the human environment.

- Finding of Significant Impact** [24 CFR 58.40(g)(2); 40 CFR 1508.27]
The project may significantly affect the quality of the human environment.

Preparer Signature: _____ Date: _____

Name/Title/Organization: Sue Steinhauser, C.D. Coordinator City of New Bern

Certifying Officer Signature: _____ Date: _____

Name/Title: Dana E. Outlaw, Mayor

This original, signed document and related supporting material must be retained on file by the Responsible Entity in an Environmental Review Record (ERR) for the activity/project (ref: 24 CFR Part 58.38) and in accordance with recordkeeping requirements for the HUD program(s).

Map Legend

-  PARCEL HOOKS
-  Recorded Survey Lot#s
-  Parcels



1 inch equals 789 feet

Handerson Park/Stanley White Recreation Center

Craven County does NOT warrant the information shown on this map and should be used ONLY for tax assessment purposes.



Henderson Park - Playground





Coastal Barrier Resources: x

www.fws.gov/cbra/Maps/Mapper.html

CBRS Mapper

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

Measure Streets Imagery/Labels Topo USCS Topo Find Location

Enter address or zip code... Find CBRS

Available Layers

CBRS Units

CBRS Units

- Otherwise Protected Area
- System Unit

Zoom History

Hampton Norfolk Virginia Beach

Floppy Mount Greenville Kinston New Bern Havelock Jacksonville NORTH CAROLINA

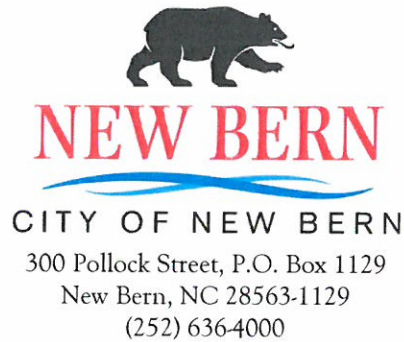
Durham Raleigh Goldsboro Fayetteville Concord Wilmington Myrtle Beach

Danville Sanford Lumberton

10:12 AM

Aldermen

Dallas O. Blackiston
Victor J. Taylor
Patricia C. Schaible
Johnnie Ray Kinsey
Bernard W. White
Jeffrey T. Odham



Dana E. Outlaw
Mayor

Mark A. Stephens
City Manager

October 26, 2015

Mr. Daniel Govoni
NC Division of Coastal Management
400 Commerce Avenue
Morehead City, NC 28557-3421

Dear Mr. Govoni:

This letter is written to request concurrence from DCM of the City of New Bern consistency determination regarding a proposed project to installing sunshades over the children's playground at Henderson Park in New Bern with funding from HUD's Community Development Block Grant (CDBG) program.

Henderson Park is located in a 100-year floodplain. (Attached are a site map and photos of the play area.) The project will consist of installing steel posts in the ground which will hold the canopies above the playground equipment.

Pursuant to Section 307(c)(1) of the Federal Coastal Zone Management Act of 1972 as amended, the City of New Bern, as the agency providing CDBG funds to undertake this project, has determined that the proposed project is consistent to the maximum extent practicable with the enforceable policies of North Carolina's Federally approved coastal management program. The City of New Bern is requesting acknowledgement of the DCM's concurrence with this consistency determination.

The determination is based on review of the proposed project's conformance with North Carolina's coastal program policies, which are primarily found in chapter 7 of Title 15A of North Carolina's Administrative Code, and the New Bern, River Bend and Trent Woods Regional Land Use Plan.

If you have any questions or need additional information, please contact me at (252) 639-7586 or steinhausers@newbern-nc.org. Thank you for your attention to this matter.

Sincerely,

Sue Steinhauser
Community Development Coordinator

Attachments

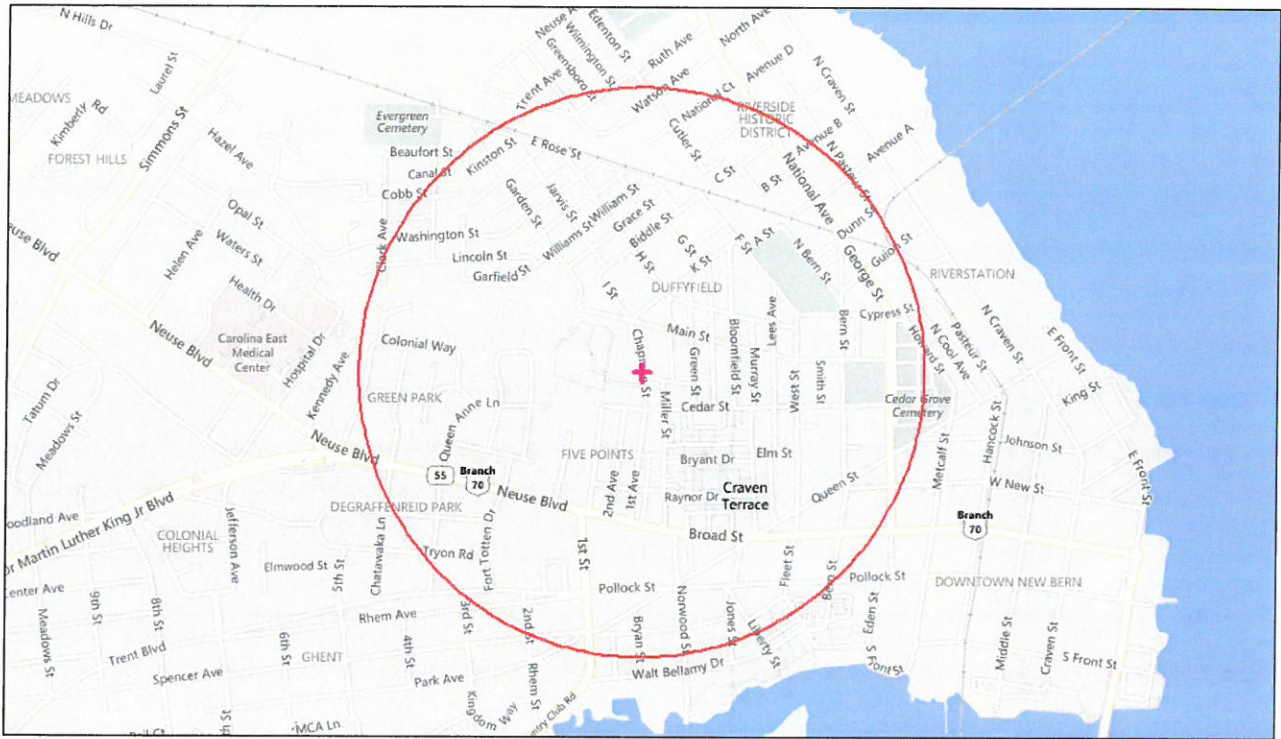
NEPAssist Report – 901 Chapman Street

NEPAssist Report (attached) indicates there are Brownfields sites and a RCRA site within 3,000 feet of the site. A Phase 1 ESA conducted for sites located between the Brownfields and RCRA sites and Henderson Park (south of Henderson Park) indicated that groundwater contamination is not expected to be found at those sites (Third Avenue). It also indicates that groundwater flow from Third Avenue should flow to the south/southeast.

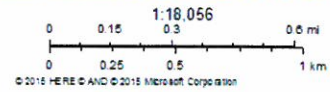
Since Henderson Park is located to the north of Third Avenue, the groundwater contamination should not be expected to be found at Henderson Park.

NEPAssist Report

Henderson Park Sunshades



September 21, 2015



Project Location	35.112956,-77.053264
Within 3000 feet of an Ozone 8 - hr Non-Attainment Area?	no
Within 3000 feet of a PM2.5 Non-Attainment Area?	no
Within 3000 feet of a Lead Non-Attainment Area?	no
Within 3000 feet of a Federal Land?	no
Within 3000 feet of an impaired stream?	no
Within 3000 feet of an impaired waterbody?	no
Within 3000 feet of a waterbody?	no
Within 3000 feet of a stream?	no
Within 3000 feet of an NWI wetland?	Available Online
Within 3000 feet of a Toxic Substances Control Act (TSCA) site?	no
Within 3000 feet of a RADInfo site?	no
Within 3000 feet of a Brownfields site?	yes
Within 3000 feet of a Superfund site?	no
Within 3000 feet of a Toxic Release Inventory (TRI) site?	no
Within 3000 feet of a water discharger (NPDES)?	no
Within 3000 feet of an air emission facility?	no
Within 3000 feet of a hazardous waste (RCRA) facility?	yes
Within 3000 feet of a school?	no
Within 3000 feet of an airport?	no
Within 3000 feet of a hospital?	yes

Within 3000 feet of a designated sole source aquifer?	no
Within 3000 feet of a historic property on the National Register of Historic Places?	yes

Created on: 9/21/2015 2:56:09 PM



United States Department of the Interior

FISH AND WILDLIFE SERVICE
Raleigh ES Field Office
Post Office Box 33726
Raleigh, North Carolina 27636-3726

June 12, 2015

Sue Steinhauser
City of New Bern
PO Box 1129
New Bern, NC 28563

Re: CDBG Henderson Park & 920 Eubanks Street- Craven County, NC

Dear Ms. Steinhauser:

This letter is to inform you that a list of all federally-protected endangered and threatened species with known occurrences in North Carolina is now available on the U.S. Fish and Wildlife Service's (Service) web page at <http://www.fws.gov/raleigh>. Therefore, if you have projects that occur within the Raleigh Field Office's area of responsibility (see attached county list), you no longer need to contact the Raleigh Field Office for a list of federally-protected species.

Our web page contains a complete and frequently updated list of all endangered and threatened species protected by the provisions of the Endangered Species Act of 1973, as amended (16 U.S.C. 1531 et seq.)(Act), and a list of federal species of concern¹ that are known to occur in each county in North Carolina.

Section 7 of the Act requires that all federal agencies (or their designated non-federal representative), in consultation with the Service, insure that any action federally authorized, funded, or carried out by such agencies is not likely to jeopardize the continued existence of any federally-listed endangered or threatened species. A biological assessment or evaluation may be prepared to fulfill that requirement and in determining whether additional consultation with the Service is necessary. In addition to the federally-protected species list, information on the species' life histories and habitats and information on completing a biological assessment or evaluation and can be found on our web page at <http://www.fws.gov/raleigh>. Please check the web site often for updated information or changes.

¹ The term "federal species of concern" refers to those species which the Service believes might be in need of concentrated conservation actions. Federal species of concern receive no legal protection and their designation does not necessarily imply that the species will eventually be proposed for listing as a federally endangered or threatened species. However, we recommend that all practicable measures be taken to avoid or minimize adverse impacts to federal species of concern.

If your project contains suitable habitat for any of the federally-listed species known to be present within the county where your project occurs, the proposed action has the potential to adversely affect those species. As such, we recommend that surveys be conducted to determine the species' presence or absence within the project area. The use of North Carolina Natural Heritage program data should not be substituted for actual field surveys.

If you determine that the proposed action may affect (i.e., likely to adversely affect or not likely to adversely affect) a federally-protected species, you should notify this office with your determination, the results of your surveys, survey methodologies, and an analysis of the effects of the action on listed species, including consideration of direct, indirect, and cumulative effects, before conducting any activities that might affect the species. If you determine that the proposed action will have no effect (i.e., no beneficial or adverse, direct or indirect effect) on federally listed species, then you are not required to contact our office for concurrence (unless an Environmental Impact Statement is prepared). However, you should maintain a complete record of the assessment, including steps leading to your determination of effect, the qualified personnel conducting the assessment, habitat conditions, site photographs, and any other related articles.

With regard to the above-referenced project, we offer the following remarks. Our comments are submitted pursuant to, and in accordance with, provisions of the Endangered Species Act.

Based on the information provided and other information available, it appears that the proposed action is not likely to adversely affect any federally-listed endangered or threatened species, their formally designated critical habitat, or species currently proposed for listing under the Act at these sites. We believe that the requirements of section 7(a)(2) of the Act have been satisfied for your project. Please remember that obligations under section 7 consultation must be reconsidered if: (1) new information reveals impacts of this identified action that may affect listed species or critical habitat in a manner not previously considered; (2) this action is subsequently modified in a manner that was not considered in this review; or, (3) a new species is listed or critical habitat determined that may be affected by the identified action.

However, the Service is concerned about the potential impacts the proposed action might have on aquatic species. Aquatic resources are highly susceptible to sedimentation. Therefore, we recommend that all practicable measures be taken to avoid adverse impacts to aquatic species, including implementing directional boring methods and stringent sediment and erosion control measures. An erosion and sedimentation control plan should be submitted to and approved by the North Carolina Division of Land Resources, Land Quality Section prior to construction. Erosion and sedimentation controls should be installed and maintained between the construction site and any nearby down-gradient surface waters. In addition, we recommend maintaining natural, vegetated buffers on all streams and creeks adjacent to the project site.

The North Carolina Wildlife Resources Commission has developed a Guidance Memorandum (a copy can be found on our website at (<http://www.fws.gov/raleigh>) to address and mitigate secondary and cumulative impacts to aquatic and terrestrial wildlife resources and water quality. We recommend that you consider this document in the development of your projects and in completing an initiation package for consultation (if necessary).

We hope you find our web page useful and informative and that following the process described above will reduce the time required, and eliminate the need, for general correspondence for species' lists. If you have any questions or comments, please contact John Ellis of this office at (919) 856-4520 ext. 26.

Sincerely,

A handwritten signature in black ink, appearing to read "Pete Benjamin". The signature is fluid and cursive, with the first name "Pete" being more prominent and the last name "Benjamin" following in a similar style.

Pete Benjamin
Field Supervisor

List of Counties in the Service's Raleigh Field Office Area of Responsibility

Alamance	Perquimans
Beaufort	Person
Bertie	Pitt
Bladen	Randolph
Brunswick	Richmond
Camden	Robeson
Carteret	Rockingham
Caswell	Sampson
Chatham	Scotland
Chowan	Tyrrell
Columbus	Vance
Craven	Wake
Cumberland	Warren
Currituck	Washington
Dare	Wayne
Duplin	Wilson
Durham	
Edgecombe	
Franklin	
Gates	
Granville	
Greene	
Guilford	
Halifax	
Harnett	
Hertford	
Hoke	
Hyde	
Johnston	
Jones	
Lee	
Lenoir	
Martin	
Montgomery	
Moore	
Nash	
New Hanover	
Northampton	
Onslow	
Orange	
Pamlico	
Pasquotank	
Pender	

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?

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 (ASDBOP)	
ASD for Thermal Radiation for People (ASDPPU)	1140.69
ASD for Thermal Radiation for Buildings (ASDBPU)	242.26
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](#)

tool.
Please send comments or other input using Ask A Question. Enter "Environmental Review" in the "My question is related to" field.

Related Information

- ASD User Guide
- ASD Flow Chart

Manage a Program

Get Assistance

News

Website Information



Ask a Policy Question

Affordable Housing

News Feed



About Us

Ask a Policy Question

Website Information



FRIS | Map Theme | ? | Search | Home | Help | Info

Who Am I : General Public | Effective

Flood Information

Click the map to view information.

Map Location
Flood Zone: AE
Flood Source: Pamlico Sound
Base Flood Elevation: 8 ft
Country: Craven
Political Area: City of New Bern
CID: 370074
Panel: 5580 Download
Map Number: 3720558000J
Panel Effective Date: 7/2/2004
Latitude: 35.11282
Longitude: -77.05335

Address locations are approximate.
 901 Chapman St, New Bern, NC

- Risk Information
- Financial Vulnerability
- FIS Reports
- Map Export
- Data Export





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

Ramona M. Bartos, Administrator

Governor Pat McCrory
Secretary Susan Kluttz

Office of Archives and History
Deputy Secretary Kevin Cherry

May 22, 2015

Sue Steinhauser
City of New Bern
PO Box 1129
New Bern, NC 28563-1129

Re: Install Sunshade over Children's Playground, Henderson Park, 901 Chapman Street, New Bern,
Craven County, ER 15-1092

Dear Ms. Steinhauser:

Thank you for your letter of May 14, 2015, concerning the above project.

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 919-807-6579 or environmental.review@ncdcr.gov. In all future communication concerning this project, please cite the above referenced tracking number.

Sincerely,

A handwritten signature in blue ink that reads "Renee Gledhill-Earley".

for Ramona M. Bartos

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

Office 803-328-2427
Fax 803-328-5791



June 2, 2015

Attention: Sue Steinhauser
City of New Bern
P.O. Box 1129
New Bern, NC 28563-1129

Re. THPO #	TCNS #	Project Description
2015-667-3		Installation of sunshades over playground in Henderson Park, New house at 920 Eubanks St.

Ms. Steinhauser,

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 Totherow at 803-328-2427 ext. 226, or e-mail caitlinh@ccppcrafts.com.

Sincerely,

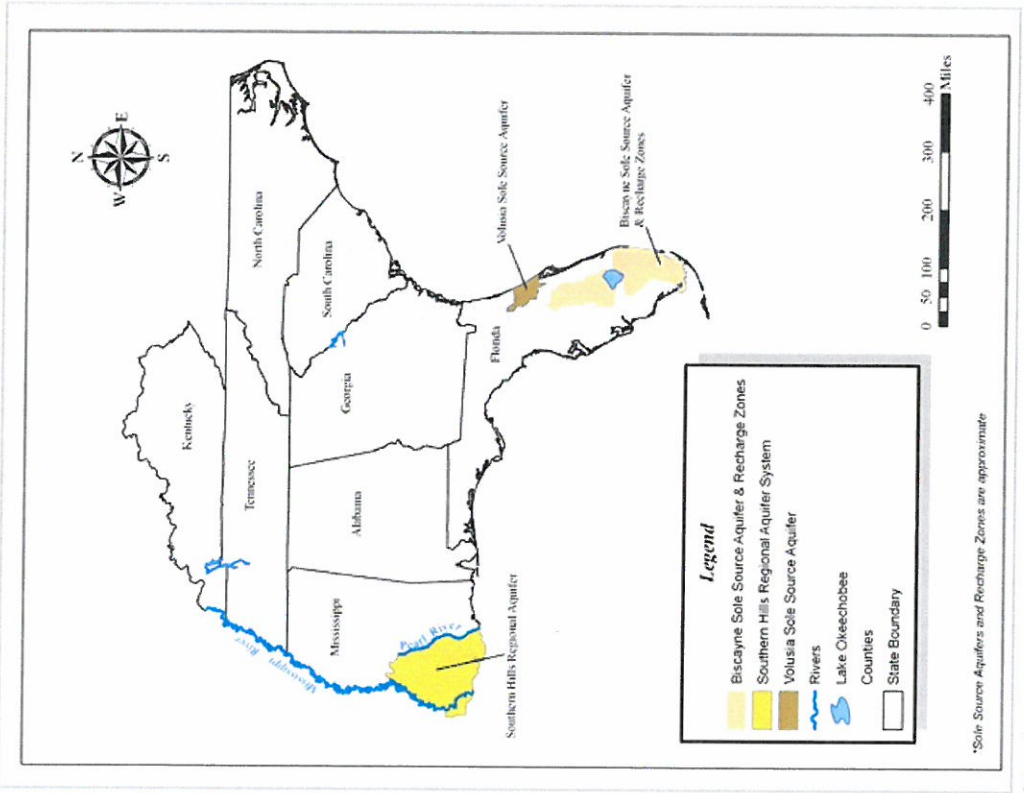
Wenonah G. Haire
Tribal Historic Preservation Officer

Sole Source Aquifers in the Southeast

EPA has designated three sole source aquifers that are entirely or partially within Region 4:

- [Biscayne Aquifer](#) in south Florida
- [Southern Hills Regional Aquifer System](#) in eastern Louisiana and southwestern Mississippi
- [Volusia-Floridan Aquifer](#) in east-central Florida.

Approximate Boundaries of Region 4 Sole Source Aquifers



*Sole Source Aquifers and Recharge Zones are approximate



U.S. Fish and Wildlife Service

National Wetlands Inventory

National Wetlands Inventory Map

Oct 27, 2015

Wetlands

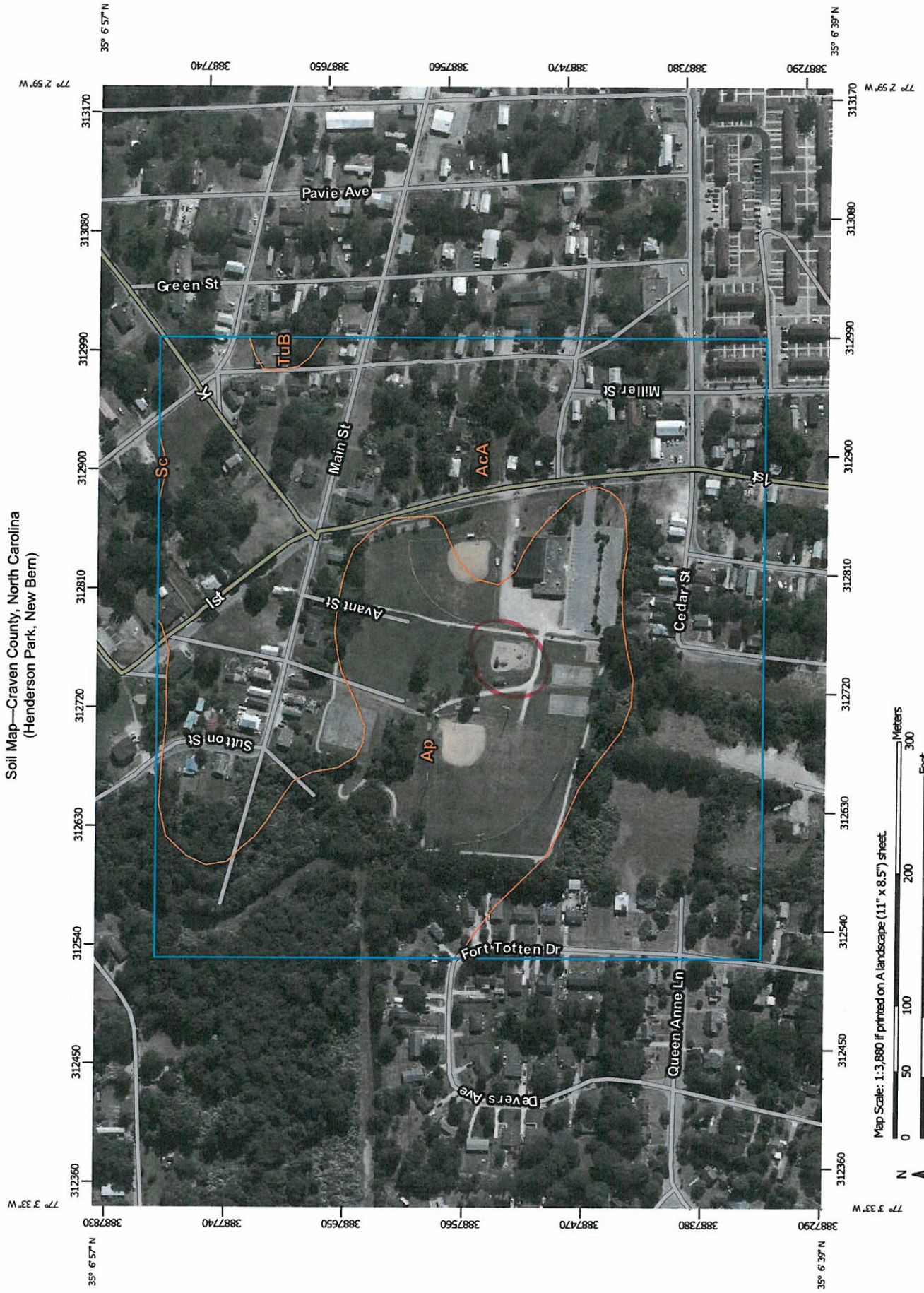
- Freshwater Emergent
- Freshwater Forested/Shrub
- Estuarine and Marine Deepwater
- Estuarine and Marine
- Freshwater Pond
- Lake
- Riverine
- Other



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.

User Remarks:
Henderson Park Sunshades

Soil Map—Craven County, North Carolina
(Henderson Park, New Bern)








































Map Scale: 1:3,880 if printed on A landscape (11" x 8.5") sheet.



Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 18N WGS84

MAP LEGEND

-  Area of Interest (AOI)
-  Area of Interest (AOI)
-  Soil Map Unit Polygons
-  Soil Map Unit Lines
-  Soil Map Unit Points
- Special Point Features**
-  Blowout
-  Borrow Pit
-  Clay Spot
-  Closed Depression
-  Gravel Pit
-  Gravelly Spot
-  Landfill
-  Lava Flow
-  Marsh or swamp
-  Mine or Quarry
-  Miscellaneous Water
-  Perennial Water
-  Rock Outcrop
-  Saline Spot
-  Sandy Spot
-  Severely Eroded Spot
-  Sinkhole
-  Slide or Slip
-  Sodic Spot
-  Spoil Area
-  Stony Spot
-  Very Stony Spot
-  Wet Spot
-  Other
-  Special Line Features
- Water Features**
-  Streams and Canals
- Transportation**
-  Rails
-  Interstate Highways
-  US Routes
-  Major Roads
-  Local Roads
- Background**
-  Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL: <http://websoilsurvey.nrcs.usda.gov>
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Craven County, North Carolina
Survey Area Data: Version 18, Sep 29, 2015

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: May 9, 2010—Sep 10, 2010

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Craven County, North Carolina (NC049)			
Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
AcA	Altavista-Urban land complex, 0 to 2 percent slopes	34.9	65.4%
Ap	Arapahoe fine sandy loam	18.2	34.0%
Sc	Seabrook-Urban land complex	0.0	0.1%
TuB	Tarboro-Urban land complex, 0 to 6 percent slopes	0.3	0.5%
Totals for Area of Interest		53.4	100.0%

Craven County, North Carolina

Ap—Arapahoe fine sandy loam

Map Unit Setting

National map unit symbol: 3wf4
Elevation: 20 to 160 feet
Mean annual precipitation: 40 to 55 inches
Mean annual air temperature: 59 to 70 degrees F
Frost-free period: 200 to 280 days
Farmland classification: Prime farmland if drained

Map Unit Composition

Arapahoe, drained, and similar soils: 80 percent
Arapahoe, undrained, and similar soils: 10 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Arapahoe, Drained

Setting

Landform: Depressions, flats
Down-slope shape: Linear
Across-slope shape: Concave
Parent material: Sandy and loamy fluviomarine deposits

Typical profile

Ap - 0 to 16 inches: fine sandy loam
Bg - 16 to 41 inches: fine sandy loam
Cg1 - 41 to 56 inches: fine sandy loam
Cg2 - 56 to 80 inches: loamy sand

Properties and qualities

Slope: 0 to 2 percent
Depth to restrictive feature: More than 80 inches
Natural drainage class: Very poorly drained
Runoff class: Very high
Capacity of the most limiting layer to transmit water (Ksat): High (1.98 to 5.95 in/hr)
Depth to water table: About 0 to 12 inches
Frequency of flooding: None
Frequency of ponding: None
Available water storage in profile: Moderate (about 7.4 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 3w
Hydrologic Soil Group: A/D

Description of Arapahoe, Undrained

Setting

Landform: Depressions, flats

Down-slope shape: Linear
Across-slope shape: Concave
Parent material: Sandy and loamy fluviomarine deposits

Typical profile

Ap - 0 to 16 inches: fine sandy loam
Bg - 16 to 41 inches: fine sandy loam
Cg1 - 41 to 56 inches: fine sandy loam
Cg2 - 56 to 80 inches: loamy sand

Properties and qualities

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Runoff class: Very high
Capacity of the most limiting layer to transmit water (Ksat): High (1.98 to 5.95 in/hr)
Depth to water table: About 0 to 12 inches
Frequency of flooding: None
Frequency of ponding: None
Available water storage in profile: Moderate (about 7.4 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 6w
Hydrologic Soil Group: A/D

Data Source Information

Soil Survey Area: Craven County, North Carolina
Survey Area Data: Version 18, Sep 29, 2015



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NORTH CAROLINA

North Carolina has approximately 37,853 miles of river, of which 144.5 miles are designated as wild & scenic—less than 4/10ths of 1% of the state's river miles.

- [Chattooga River](#)
- [Horsepasture River](#)
- [Lumber River](#)
- [New River](#)
- [Wilson Creek](#)

Choose A State ▼ Go

Choose A River ▼ Go

Rivers of the Southeast define diversity, from bayous and rivers pushed by the tides to clear mountain streams with world-class whitewater.

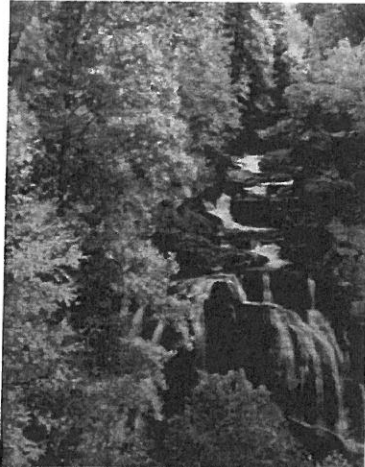
Conservation and Outdoor Recreation

National Park Service
U.S. Department of the Interior



North Carolina Segments

Jeff Duncan
National Park Service
Rivers, Trails & Conservation Assistance
535 Chestnut St. Suite 207 Chattanooga, TN
37402
(423) 987-6127



**Authorizations / History /
Eligibility Descriptions /
Outstandingly Remarkable
Values / Potential Classification /
Wild and Scenic Rivers System**

Return to NRI Page

River	County	Reach	Length (miles)	Year Listed/Updated	Potential Classification	ORVs	Description	Other States
Ararat River	Surry	RM O, confluence with Yadkin River, to RM 23, Mount Airy.	23	1982		S, R	Significant scenic and recreational values.	
Barnes Creek	Montgomery, Randolph	RM O, confluence with Uwharrie River, to RM 9, headwaters one mile above Montgomery County Line.	9	1982		S, R, G, F	Scenic mountain stream that flows through Uwharrie National Forest.	
Barnes Creek	Montgomery, Randolph	Confluence with Uwharrie River to headwaters one mile above Montgomery County line	9	1982/1993	R	F, W	Supports diversity of fish species including three game fish and one intolerant darter. Unusually high diversity of aquatic macroinvertebrates.	
Bennetts Creek	Gates	RM O, confluence with Chowan River, to RM 17, Merchants Millpond.	17	1982		S, R, F, W, H, C	Isolated stream bordered by swamp forests; habitat for variety of flora and fauna.	
Big Laurel and Puncheon Fork	Madison	Confluence with French Broad River to US Highway 25	4	1982/1993	S	S, R, G, F, W, H, C	Flows through a 1200 foot deep gorge. Fishing, hiking, viewing	

River	Macon	Fontana, to RM 22, Nantahala Powerhouse and Aquone Lake.				G, F, W	popular recreational streams in the southeast; flows through deep gorge area.	
Nantahala River	Clay, Macon	RM 29, backwaters of Lake Aquone Reservoir, to RM 48, headwaters.	19	1982		S, R, G, F, W	See initial comments.	
Nantahala River (above lake)	Macon	Backwaters of Nantahala Lake to headwaters in Standing Indian basin near NC-GA State line	19	1982/1993	R	W, H, C, O	Native trout waters. Four bogs are significant examples of mountain wetlands. Habitat for rare bog turtle and wetland-bog plant communities. Significant Native American sacred site.	
Nantahala River (below lake)	Macon, Swain	Lake Fontana to Nantahala Powerhouse and lake	18	1982/1993	R	S, R, G, W	Nantahala Gorge is most extensive formation in southwestern NC of limestone and Murphy marble. Number of rare or endemic Southern Appalachian plant species. Whitewater boating, picnicking, fishing, and viewing scenery.	
Neuse River	Craven, Pitt, Lenoir	RM 49, State Road 1400 bridge, to RM 83, Caroline RR bridge near town of Kingston.	34	1982		S, R, G, F, W, H, C	Varying degrees of contrast within segment drops; superb scenery; numerous outstanding historical features.	
Neuse River	Lenoir, Wayne, Johnston, Wake	RM 88, above Kingston, to RM 199, below Bridges Lake.	111	1982		S, R, G, F, W, H, C	See initial comments.	
New River, North Fork	Ashe	RM 0, confluence with New River below Weavers Ford, to RM 39, town of Maxwell.	39	1982		S, R, G, F, W	Scenic pastoral stream with numerous recreational opportunities.	
New River, South Fork	Ashe, Watauga	RM 22, junction of Dog Creek east of Jefferson, to RM 91, headwaters near Boone.	69	1982		S, R, G, F, W, H, C	RM 0 through 22 designated component of the National Wild and Scenic Rivers System.	
Nolichucky River	Mitchell, Yancey (NC) Union (TN)	The main stem from Poplar, NC downstream to the railroad bridge at Unaka Springs, TN	8	1993	S	S, R, G	Spectacular scenery with steep slopes rising more than 2,000 feet adjacent to the	TN

EJSCREEN

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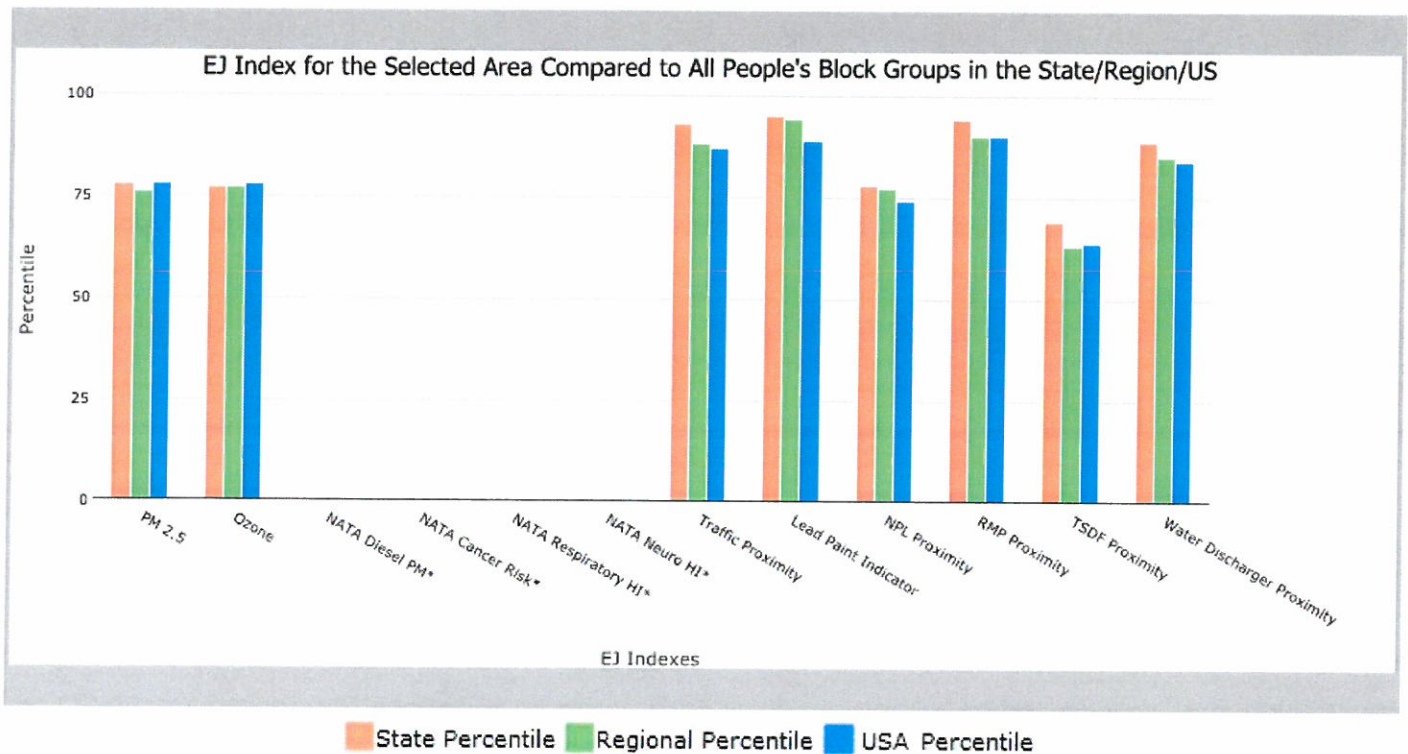
State of North Carolina DOT, Esri, HERE, DeLorme, NGA, U

for 1 mile Ring Centered at 35.113140,-77.054122, NORTH CAROLINA, EPA Region 4

Approximate Population: 8154

Henderson Park

Selected Variables	State Percentile	EPA Region Percentile	USA Percentile
EJ Indexes			
EJ Index for PM2.5	78	76	78
EJ Index for Ozone	77	77	78
EJ Index for NATA Diesel PM*	N/A	N/A	N/A
EJ Index for NATA Air Toxics Cancer Risk*	N/A	N/A	N/A
EJ Index for NATA Respiratory Hazard Index*	N/A	N/A	N/A
EJ Index for NATA Neurological Hazard Index*	N/A	N/A	N/A
EJ Index for Traffic Proximity and Volume	93	88	87
EJ Index for Lead Paint Indicator	95	94	89
EJ Index for Proximity to NPL sites	78	77	74
EJ Index for Proximity to RMP sites	94	90	90
EJ Index for Proximity to TSDFs	69	63	64
EJ Index for Proximity to Major Direct Dischargers	89	85	84



This report shows environmental, demographic, and EJ indicator values. It shows environmental and demographic raw data (e.g., the estimated concentration of ozone in the air), and also shows what percentile each raw data value represents. These percentiles provide perspective on how the selected block group or buffer area compares to the entire state, EPA region, or nation. For example, if a given location is at the 95th percentile nationwide, this means that only 5 percent of the US population has a higher block group value than the average person in the location being analyzed. The years for which the data are available, and the methods used, vary across these indicators. Important caveats and uncertainties apply to this screening-level information, so it is essential to understand the limitations on appropriate interpretations and applications of these indicators. Please see EJSCREEN documentation for discussion of these issues before using reports.

EJSCREEN Report



for 1 mile Ring Centered at 35.113140,-77.054122, NORTH CAROLINA, EPA Region 4

Approximate Population: 8154

Henderson Park

Selected Variables	Raw Data	State Avg.	%ile in State	EPA Region Avg.	%ile in EPA Region	USA Avg.	%ile in USA
Environmental Indicators							
Particulate Matter (PM 2.5 in $\mu\text{g}/\text{m}^3$)	9.61	9.88	29	9.59	40	9.78	41
Ozone (ppb)	46.7	50.7	6	45.3	45	46.1	51
NATA Diesel PM ($\mu\text{g}/\text{m}^3$) [*]	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NATA Cancer Risk (lifetime risk per million) [*]	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NATA Respiratory Hazard Index [*]	N/A	N/A	N/A	N/A	N/A	N/A	N/A
NATA Neurological Hazard Index [*]	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Traffic Proximity and Volume (daily traffic count/distance to road)	160	46	93	85	88	110	83
Lead Paint Indicator (% Pre-1960 Housing)	0.58	0.18	95	0.16	94	0.3	79
NPL Proximity (site count/km distance)	0.029	0.065	43	0.07	49	0.096	33
RMP Proximity (facility count/km distance)	0.74	0.2	95	0.25	92	0.31	89
TSDF Proximity (facility count/km distance)	0.0033	0.0079	3	0.025	0	0.054	4
Water Discharger Proximity (facility count/km distance)	0.3	0.16	89	0.19	85	0.25	79
Demographic Indicators							
Demographic Index	63%	36%	87	37%	84	35%	84
Minority Population	65%	35%	83	36%	79	36%	77
Low Income Population	61%	38%	86	38%	85	34%	87
Linguistically Isolated Population	1%	3%	56	4%	55	5%	48
Population With Less Than High School Education	23%	15%	76	16%	76	14%	79
Population Under 5 years of age	9%	7%	74	6%	76	7%	74
Population over 64 years of age	13%	13%	55	14%	54	13%	57

* The National-scale Air Toxics Assessment (NATA) environmental indicators and EJ indexes, which include cancer risk, respiratory hazard, neurodevelopment hazard, and diesel particulate matter will be added into EJSCREEN during the first full public update after the soon-to-be-released 2011 dataset is made available. The National-Scale Air Toxics Assessment (NATA) is EPA's ongoing, comprehensive evaluation of air toxics in the United States. EPA developed the NATA to prioritize air toxics, emission sources, and locations of interest for further study. It is important to remember that NATA provides broad estimates of health risks over geographic areas of the country, not definitive risks to specific individuals or locations. More information on the NATA analysis can be found at: <http://www.epa.gov/ttn/atw/natamain/index.html>.

For additional information, see: www.epa.gov/environmentaljustice

EJSCREEN is a screening tool for pre-decisional use only. It can help identify areas that may warrant additional consideration, analysis, or outreach. It does not provide a basis for decision-making, but it may help identify potential areas of EJ concern. Users should keep in mind that screening tools are subject to substantial uncertainty in their demographic and environmental data, particularly when looking at small geographic areas. Important caveats and uncertainties apply to this screening-level information, so it is essential to understand the limitations on appropriate interpretations and applications of these indicators. Please see EJSCREEN documentation for discussion of these issues before using reports. This screening tool does not provide data on every environmental impact and demographic factor that may be relevant to a particular location. EJSCREEN outputs should be supplemented with additional information and local knowledge before taking any action to address potential EJ concerns.



Location: User-specified point center at 35.113140, -77.054122

Ring (buffer): 1-mile radius

Description: Henderson Park

Summary of ACS Estimates		2008 - 2012	
Population			8,154
Population Density (per sq. mile)			3,511
Minority Population			5,309
% Minority			65%
Households			3,429
Housing Units			4,140
Housing Units Built Before 1950			1,536
Per Capita Income			19,400
Land Area (sq. miles) (Source: SF1)			2.32
% Land Area			76%
Water Area (sq. miles) (Source: SF1)			0.73
% Water Area			24%
		2008 - 2012	
		ACS Estimates	Percent
			MOE (±)
Population by Race			
Total		8,154	100%
Population Reporting One Race		7,856	96%
White		3,035	37%
Black		4,367	54%
American Indian		53	1%
Asian		400	5%
Pacific Islander		0	0%
Some Other Race		1	0%
Population Reporting Two or More Races		298	4%
Total Hispanic Population		193	2%
Total Non-Hispanic Population		7,962	
White Alone		2,845	35%
Black Alone		4,367	54%
American Indian Alone		53	1%
Non-Hispanic Asian Alone		400	5%
Pacific Islander Alone		0	0%
Other Race Alone		0	0%
Two or More Races Alone		297	4%
Population by Sex			
Male		3,560	44%
Female		4,594	56%
Population by Age			
Age 0-4		710	9%
Age 0-17		2,245	28%
Age 18+		5,909	72%
Age 65+		1,058	13%

Data Note: Detail may not sum to totals due to rounding. Hispanic population can be of any race. N/A means not available.

Source: U.S. Census Bureau, American Community Survey (ACS) 2008 - 2012.



Location: User-specified point center at 35.113140, -77.054122

Ring (buffer): 1-mile radius

Description: Henderson Park

	2008 - 2012 ACS Estimates	Percent	MOE (±)
Population 25+ by Educational Attainment			
Total	4,947	100%	252
Less than 9th Grade	381	8%	100
9th - 12th Grade, No Diploma	767	16%	99
High School Graduate	1,400	28%	128
Some College, No Degree	1,583	32%	187
Associate Degree	500	10%	105
Bachelor's Degree or more	816	16%	129
Population Age 5+ Years by Ability to Speak English			
Total	7,444	100%	364
Speak only English	7,027	94%	324
Non-English at Home ¹⁺²⁺³⁺⁴	418	6%	143
¹ Speak English "very well"	124	2%	89
² Speak English "well"	65	1%	111
³ Speak English "not well"	84	1%	90
⁴ Speak English "not at all"	145	2%	142
³⁺⁴ Speak English "less than well"	229	3%	142
²⁺³⁺⁴ Speak English "less than very well"	294	4%	142
Linguistically Isolated Households*			
Total	32	100%	43
Speak Spanish	3	11%	32
Speak Other Indo-European Languages	0	0%	13
Speak Asian-Pacific Island Languages	29	89%	41
Speak Other Languages	0	0%	13
Households by Household Income in 1999			
Household Income Base	3,429	100%	125
< \$15,000	1,216	35%	122
\$15,000 - \$25,000	529	15%	110
\$25,000 - \$50,000	936	27%	125
\$50,000 - \$75,000	297	9%	97
\$75,000 +	451	13%	114
Occupied Housing Units by Tenure			
Total	3,429	100%	125
Owner Occupied	1,392	41%	126
Renter Occupied	2,037	59%	112

Data Note: Detail may not sum to totals due to rounding. Hispanic population can be of any race. N/A means not available.

Source: U.S. Census Bureau, American Community Survey (ACS) 2008 - 2012.

*Linguistically Isolated Households starts available from the census tract summary level and up.



Location: User-specified point center at 35.113140, -77.054122
 Ring (buffer): 1-mile radius
 Description: Henderson Park

	2008 - 2012 ACS Estimates	Percent	MOE (±)
Population by Language Spoken at Home**			
Total (persons age 5 and above)	7,444	100%	364
English	N/A	N/A	N/A
Spanish	N/A	N/A	N/A
French	N/A	N/A	N/A
French Creole	N/A	N/A	N/A
Italian	N/A	N/A	N/A
Portuguese	N/A	N/A	N/A
German	N/A	N/A	N/A
Yiddish	N/A	N/A	N/A
Other West Germanic	N/A	N/A	N/A
Scandinavian	N/A	N/A	N/A
Greek	N/A	N/A	N/A
Russian	N/A	N/A	N/A
Polish	N/A	N/A	N/A
Serbo-Croatian	N/A	N/A	N/A
Other Slavic	N/A	N/A	N/A
Armenian	N/A	N/A	N/A
Persian	N/A	N/A	N/A
Gujarathi	N/A	N/A	N/A
Hindi	N/A	N/A	N/A
Urdu	N/A	N/A	N/A
Other Indic	N/A	N/A	N/A
Other Indo-European	N/A	N/A	N/A
Chinese	N/A	N/A	N/A
Japanese	N/A	N/A	N/A
Korean	N/A	N/A	N/A
Mon-Khmer, Cambodian	N/A	N/A	N/A
Hmong	N/A	N/A	N/A
Thai	N/A	N/A	N/A
Laotian	N/A	N/A	N/A
Vietnamese	N/A	N/A	N/A
Other Asian	N/A	N/A	N/A
Tagalog	N/A	N/A	N/A
Other Pacific Island	N/A	N/A	N/A
Navajo	N/A	N/A	N/A
Other Native American	N/A	N/A	N/A
Hungarian	N/A	N/A	N/A
Arabic	N/A	N/A	N/A
Hebrew	N/A	N/A	N/A
African	N/A	N/A	N/A
Other and non-specified	N/A	N/A	N/A
Total Non-English	N/A	N/A	N/A

Data Note: Detail may not sum to totals due to rounding. Hispanic population can be of any race. N/A means not available.

Source: U.S. Census Bureau, American Community Survey (ACS) 2008 - 2012.

**Population by Language Spoken at Home starts available at the census tract summary level and up.