

NEPA COMPLIANCE DOCUMENTS

Catawba College Proposed 180-foot Monopole Tower Wireless Telecommunications Facility

Berkley Group, LLC

North Park Drive
Salisbury, North Carolina
Rowan County

August 13, 2010



Atlantic Environmental Services, Inc.

202 Fred Dean Road
Mobile 864-907-6061

Starr, SC
Fax 864-352-2886

29684
jonpruitt@wctel.net

FCC NEPA CHECKLIST

(47 CFR Subpart 1, Chapter 1, Sections 1.1301-1.1319)

Site Name: **Catawba College**

Site Address: **North Park Drive, Salisbury, NC, Rowan County**

Category	Environmental Criteria	Potential Effect
		Yes/No
1	Is the proposed undertaking in or proposed to be in an officially designated wilderness area?	No
2	Is the proposed undertaking located in or proposed to be in an officially designated wildlife preserve?	No
3	Will the proposed undertaking likely affect threatened or endangered species or designated critical habitats? (Ref. 50 CFR Part 402)	No
4	Will the proposed undertaking affect districts, sites, buildings, structures, or objects significant in American history, architecture, archeology, engineering, or culture that are listed, or potentially eligible for listing in the National Register of Historic Places (NRHP)? (Ref. 36CFR Part 800 regulations implementing Section 106 of the National Historic Preservation Act)	No
5	Will the proposed undertaking affect Indian religious site(s)?	No
6	Will the proposed undertaking be located in a flood plain? (Ref. Executive Order 11990 and 40 CFR Part 6, Appendix A)	Yes
7	Will construction of the proposed undertaking involve significant change in surface features (e.g. wetlands, deforestation, or water diversion)? (Ref. Executive Order 1170 and 40 CFR Part 6, Appendix A)	No
8	Is the proposed undertaking located in a residential neighborhood and required to be equipped with high intensity white lights?	No
9*	a.) Will the proposed undertaking equal or exceed total power (of all channels) of 2000 Watts ERP (3280 Watts EIRP) and have antenna located less than 10 meters above ground level? Will the proposed facility fall outside the categorical exclusions contained in Table 1 of 47 CFR Section 1.1307(b)(1), and potentially cause exposure of workers or the general public to levels of radio frequency radiation in excess of the emission limits set forth in Section 1.1310?	No
	b.) Will the rooftop antenna project equal or exceed total power (of all channels) of 2000 Watts ERP (3280 Watts EIRP)?	NA

If any of the questions above are answered "yes", an Environmental Assessment should be prepared and submitted to the FCC prior to beginning construction.

Preparer's Signature: 

Date: August 13, 2010

Printed Name and Title: Jon Pruitt, President

Company: AES, Inc.

*Radiofrequency emissions and exposure data has not been provided for the proposed facility at the date of this report. The negative determination indicated above is to be verified by Berkley Group prior to processing a license application. If the facility will exceed the limits listed by the Commission, this report should be revised and an Environmental Assessment should be prepared.

National Environmental Policy Act

Summary of Procedures and Findings for a Proposed Wireless Telecommunications Facility

Berkley Group – Catawba College

Background

The Federal Communications Commission (FCC), the agency responsible for licensing wireless telecommunication facilities and infrastructure, is required by the National Environmental Policy Act (NEPA) of 1969, to evaluate whether its actions “may or will have a significant impact on the quality of the human environment.” The FCC’s procedures for implementing NEPA are codified in Title 47 of the CFR, Part 1, Subpart I, Sections 1.1301 to 1.1319.

The Commission states that it “complies with NEPA by requiring our licensees to review their proposed actions for environmental consequences.” Specifically, the applicant or licensee must determine whether a proposed action will have a significant environmental effect to categories defined in section 1.1307. This section states that Commission actions with respect to the following types of facilities may significantly affect the environment and thus require the preparation of EAs by the applicant (see Secs. 1.1308 and 1.1311) and may require further Commission environmental processing (see Secs. 1.1314, 1.1315 and 1.1317):

- 1) Facilities that are to be located in an officially designated wilderness area
- 2) Facilities that are to be located in an officially designated wildlife preserve
- 3) Facilities that: (i) May affect listed threatened or endangered species or designated critical habitats; or (ii) are likely to jeopardize the continued existence of any proposed endangered or threatened species or likely to result in the destruction or adverse modification of proposed critical habitats, as determined by the Secretary of the Interior pursuant to the Endangered Species Act of 1973.
- 4) Facilities that may affect districts, sites, buildings, structures or objects, significant in American history, architecture, archeology, engineering or culture, that are listed, or are eligible for listing, in the National Register of Historic Places. (See 16 U.S.C. 470w(5); 36 CFR 60 and 800.)
- 5) Facilities that may affect Indian religious sites.
- 6) Facilities to be located in a floodplain (See Executive Order 11988.)
- 7) Facilities whose construction will involve significant change in surface features (e.g., wetland fill, deforestation or water diversion). (In the case of wetlands on Federal property, see Executive Order 11990.)
- 8) **a.** Antenna towers and/or supporting structures that are to be equipped with high intensity white lights, which are to be located in residential neighborhoods as defined by the applicable zoning law. **b.** Facilities that will cause human exposure to radio frequency radiation in excess of applicable standards

The following NEPA Compliance Documents have been assembled to document compliance with the FCC’s procedures for implementing NEPA and determine whether the proposed action will have a significant environmental effect to categories defined in section 1.1307.

Procedures and Findings

To determine whether the proposed action will have a significant environmental effect to categories defined in section 1.1307, a site reconnaissance of the proposed project location and the publicly accessible surrounding area was conducted. In addition, readily available maps, literature resources, databases, and federal, state, local and tribal agencies or organizations were reviewed or consulted to obtain information pertaining to the potential environmental effects of the action. To determine whether the proposed action falls into **category 1, 2, or 3** above, the proposed project area was inspected in the field and reviewed on the appropriate USGS topographic map. The NC Natural Heritage Database was also reviewed. A biological assessment was conducted for a Section 7 informal consultation request to the US Fish & Wildlife Service. Based on the assessment conducted and the response from the USFWS, the proposed action is not expected to fall in to categories 1 through 3.

To determine whether the proposed action falls into **category 4** above, the proposed project area was inspected in the field and reviewed on the appropriate USGS topographic map. A professional cultural resource consultant was subcontracted to conduct a field archaeological survey and research per Section 106 of the Historic Preservation Act

at the NC State Historic Preservation Office (SCSHPO). The SHPO requested a balloon test to assess the potential for the tower to affect NRHP eligible buildings on the Catawba College Campus. **The NCSHPO made a determination of “no adverse effect” with tower height and construction restrictions as detailed in the attached letter.**

To determine whether the proposed action falls into **category 5** above, the proposed project area was inspected in the field and reviewed on the appropriate USGS topographic map. A determination of the appropriate tribal contacts was made using information from the NCSHPO, published tribal contact lists, and electronic databases. Notification of the proposed action was also posted on the FCC TCNS. In accordance with the TCNS, THPOs were provided with a reasonable time to respond and then sent a follow-up letter by email and called by telephone if no response was received. Per the FCC Declaratory Ruling of October 5, 2005, the Applicant made two attempts over a 40-day period to contact the tribes that have stated geographic preference for the project area. The interested tribes have responded with no concerns for the project. **Please note the notification requirements should inadvertent discoveries occur during construction.**

To determine whether the proposed action falls into **category 6** above, the proposed project area was inspected in the field and reviewed on the appropriate Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (FIRM) Panel. The review indicated that the proposed action **is located within the shaded floodplain** zone on the panel referenced on the following page and attached herewith.

To determine whether the proposed action falls into **category 7** above the proposed project area was inspected in the field and reviewed on the appropriate USGS topographic map and wetland inventory map. The onsite inspection and literature review indicates that the proposed action will not involve significant change in surface features.

To confirm whether the proposed action falls into **category 8** above, the proposed lighting and radiofrequency (RF) emissions and exposure data are to be confirmed by the applicant. The need for high intensity lighting and the potential for exceeding RF exposure limits are improbable based on the proposed tower height. Information provided by the applicant indicates the action is not in a residentially zoned area. RF exposure data is to be provided by the applicant's RF Engineer.

US Fish & Wildlife Service Consultation



United States Department of the Interior

FISH AND WILDLIFE SERVICE

Asheville Field Office
160 Zillicoa Street
Asheville, North Carolina 28801

August 9, 2010

Mr. Jon Pruitt
Atlantic Environmental Services, Inc.
202 Fred Dean Road
Starr, SC 29684

Dear Mr. Pruitt:

We have reviewed your letter dated July 14, 2010, concerning the proposed construction of a communications tower on the campus of Catawba College, Rowan County, North Carolina. The following comments are provided in accordance with the Migratory Bird Treaty Act (16 U.S.C. 703, et seq.); section 7 of the Endangered Species Act of 1973, as amended (16 U.S.C. 1531-1543) (Act); and the National Environmental Policy Act (42 U.S.C. §4321 et seq.).

Proposed Project. As stated in your letter, the proposed tower will be about 180 feet high and will be of monopole design. The tower is not expected to have any lighting. The tower will be placed on an approximately 0.23-acre wooded tract.

Endangered Species. Based on the information provided in your letter, we concur with your conclusion that the proposed communications tower will not affect any federally listed endangered or threatened species, any formally designated critical habitat, or any species currently proposed for federal listing under the Act. Therefore, we believe the requirements of section 7 of the Act have been satisfied. We remind you that obligations under section 7 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 is determined that may be affected by the identified action.

Migratory Birds. We are concerned about the potential hazard this tower could pose to migratory birds. We would prefer that you collocate an antenna on an existing tower instead of constructing a new tower. However, if you choose to construct this tower as proposed, we request written permission for our employees and/or designees to access the property at the base of the tower to inspect for avian mortality. Limited data exist for bird strikes to towers of this

nature in this area, and one important way your company can greatly assist in improving our knowledge base is by working with us through cooperative agreements that include permission to gain access to standing towers of this type. Our access would occur at regular or random intervals and/or following weather events that are known to induce avian strikes.

If you have any questions regarding this matter, please contact Mr. Allen Ratzlaff of our staff at 828/258-3939, Ext. 229. Please reference our log number 4-2-10-214 in any correspondence pertaining to this matter.



Atlantic Environmental Services, Inc.

202 Fred Dean Road
Mobile 864-907-6061

Starr, SC
Fax 864-352-2886

29684
jonpruitt@wctel.net

Mr. Allen Ratzlaff
U.S. Fish and Wildlife Service
160 Zillicoa Street
Asheville, North Carolina 28801

July 14, 2010

Subject:
Biological Assessment – Wireless Telecom Project

Dear Mr. Ratzlaff:

On behalf of the Berkley Group, LLC, we are providing environmental services for wireless telecommunication facilities. We are submitting the following information for your review and concurrence regarding impacts to protected species for the purpose of completing FCC NEPA Environmental Compliance Checklists. The intent of the checklist is to establish the basis for NEPA compliance for the proposed tower facility.

The project is described as follows:

Catawba College - The proposed project includes the **construction of a 180-foot monopole tower** in a lease area measuring approximately 100-feet by 100-feet. The project will be located adjacent to the tennis courts of Catawba College in Salisbury, NC. The access road will follow an existing gravel service road from North Park Drive and be extended through a lawn and wooded area alongside the tennis courts. The site lies in the USGS Salisbury quadrangle and the approximate coordinates are: Lat 35-41-35 Long 80-29-08. Lighting requirements have not been set for this tower by the FAA, though **no lighting** would be expected based on requirements for similar towers.

We have determined that the project is not located in officially designated wilderness areas or wildlife preserves. Based on these findings and current knowledge and research on these types of projects, it appears that this tower facility is “not likely to adversely affect” habitat or listed species or local or migrating avian species.

Mr. Jon Pruitt of Atlantic Environmental Services prepared this assessment. Mr. Pruitt holds a Master of Science degree in Environmental Systems Engineering and has seventeen years of experience in environmental assessment, engineering and compliance.

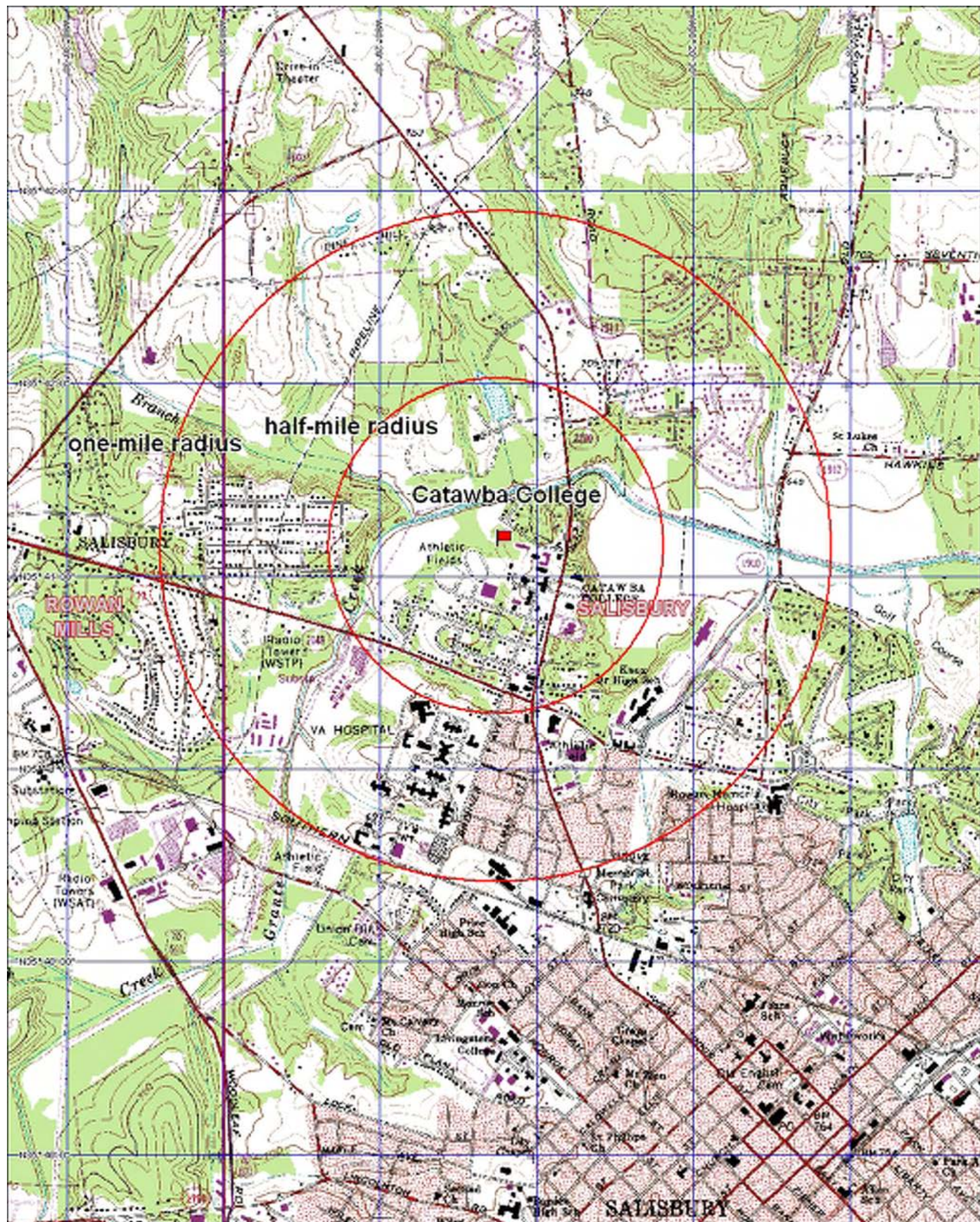
As the designated non-federal representative, the Berkley Group, LLC, requests your concurrence with this assessment at your earliest convenience. Please call me if you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read "Jon Pruitt", is positioned above the printed name. The signature is fluid and cursive, with the first name "Jon" and last name "Pruitt" clearly distinguishable.

Jon Pruitt

Attachment



NC NHP Quad Search Results

Returned Elements: 18 using: **SALISBURY**

[Animal Assemblage 1] [Natural Community 5] [Nonvascular Plant 1] [Vascular Plant 9] [Vertebrate Animal 2]

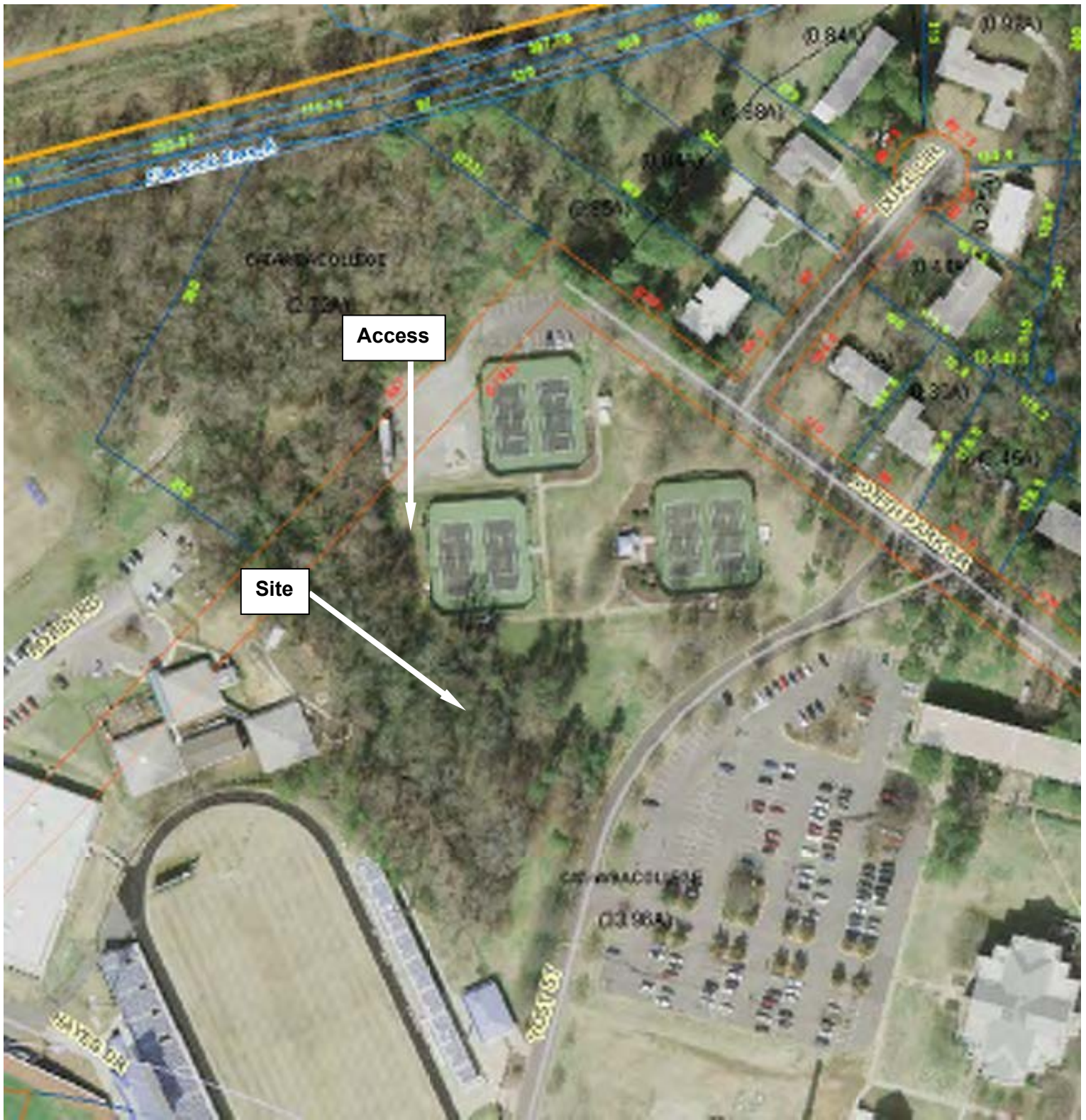
Major Group	Scientific Name	Common Name	State Status	Federal Status	State Rank	Global Rank	Quad - Status	Map - Habitat
Animal Assemblage	<i>Colonial Wading Bird Colony</i>	None	None	None	S3	G5	Salisbury-Current	Link
Natural Community	<i>Basic oak--hickory forest</i>	None	None	None	S3	G4	Salisbury-Current	Link
Natural Community	<i>Dry-mesic oak--hickory forest</i>	None	None	None	S5	G5	Salisbury-Current	Link
Natural Community	<i>Piedmont/mountain levee forest</i>	None	None	None	S3?	G5	Salisbury-Current	Link
Natural Community	<i>Piedmont/mountain semipermanent impoundment</i>	None	None	None	S4	G5	Salisbury-Current	Link
Natural Community	<i>Piedmont/mountain swamp forest</i>	None	None	None	S1S2	G2	Salisbury-Current	Link
Nonvascular Plant	<i>Brachythecium rotaeum</i>	Rota's Feather Moss	SR-D	None	S1	G3G4	Salisbury-Historical	Link
Vascular Plant	<i>Acmispon helleri</i>	Carolina Birdfoot-trefoil	SR-T	FSC	S3	G3	Salisbury-Historical	Link
Vascular Plant	<i>Amorpha schwerinii</i>	Piedmont Indigo-bush	SR-T	None	S3	G3G4	Salisbury-Historical	Link
Vascular Plant	<i>Carex bushii</i>	Bush's Sedge	SR-P	None	S1	G4	Salisbury-Historical	Link
Vascular Plant	<i>Helianthus schweinitzii</i>	Schweinitz's Sunflower	E	E	S3	G3	Salisbury-Current	Link
Vascular Plant	<i>Isoetes piedmontana</i>	Piedmont Quillwort	T	None	S2	G3	Salisbury-Historical	Link
Vascular Plant	<i>Minuartia uniflora</i>	Single-flowered Sandwort	E	None	S1	G4	Salisbury-Historical	Link
Vascular	<i>Platanthera integra</i>	Yellow	T	None	S2	G3G4	Salisbury-	Link

Plant		Fringeless Orchid					Historical	
Vascular Plant	<i>Ruellia purshiana</i>	Pursh's Wild- petunia	SR-O	None	S2	G3	Salisbury- Current	Link
Vascular Plant	<i>Symphyotrichum georgianum</i>	Georgia Aster	T	C	S3	G2G3	Salisbury- Current	Link
Vertebrate Animal	<i>Ambystoma talpoideum</i>	Mole Salamander	SC	None	S2	G5	Salisbury- Current	Link
Vertebrate Animal	<i>Myotis leibii</i>	Eastern Small-footed Myotis	SC	FSC	S2	G3	Salisbury- Current	Link

NC NHP database updated on: Friday, April 23rd, 2010.

Search performed on Wednesday, 14 July 2010 @ 13:08:05 EDST

[Explanation of Codes](#)





View from the Site looking north



Area of proposed access road extension looking south

Section 106 – FCC Form 620

New Tower (“NT”) Submission Packet

FCC FORM 620

Introduction

The **NT Submission Packet** is to be completed by or on behalf of Applicants to construct new antenna support structures by or for the use of licensees of the Federal Communications Commission (“FCC”). **The Packet (including Form 620 and attachments) is to be submitted to the State Historic Preservation Office (“SHPO”) or to the Tribal Historic Preservation Office (“THPO”), as appropriate, before any construction or other installation activities on the site begin. Failure to provide the Submission Packet and complete the review process under Section 106 of the National Historic Preservation Act (“NHPA”)¹ prior to beginning construction may violate Section 110(k) of the NHPA and the Commission’s rules.**

The instructions below should be read in conjunction with, and not as a substitute for, the “Nationwide Programmatic Agreement for Review of Effects on Historic Properties for Certain Undertakings Approved by the Federal Communications Commission,” dated September 2004, (“Nationwide Agreement”) and the relevant rules of the FCC (47 C.F.R. §§ 1.1301-1.1319) and the Advisory Council on Historic Preservation (“ACHP”) (36 C.F.R. Part 800).²

Exclusions and Scope of Use

The NT Submission Packet should not be submitted for undertakings that are excluded from Section 106 Review. The categories of new tower construction that are excluded from historic preservation review under Section 106 of the NHPA are described in Section III of the Nationwide Agreement.

Where an undertaking is to be completed but no submission will be made to a SHPO or THPO due to the applicability of one or more exclusions, the Applicant should retain in its files documentation of the basis for each exclusion should a question arise as to the Applicant’s compliance with Section 106.

¹ 16 U.S.C. § 470f.

² Section II.A.9. of the Nationwide Agreement defines a “historic property” as: “Any prehistoric or historic district, site, building, structure, or object included in, or eligible for inclusion in, the National Register maintained by the Secretary of the Interior. This term includes artifacts, records, and remains that are related to and located within such properties. The term includes properties of traditional religious and cultural importance to an Indian tribe or Native Hawaiian Organization that meet the National Register criteria.”

NT SUBMISSION PACKET – FCC FORM 620

Approved by OMB
3060-1039
Estimated Time Per Response:
.5 to 10 hours

The NT Submission Packet is to be used only for the construction of new antenna support structures. Antenna collocations that are subject to Section 106 review should be submitted using the Collocation (“CO”) Submission Packet (FCC Form 621).

General Instructions: NT Submission Packet

Fill out the answers to Questions 1-5 on Form 620 and provide the requested attachments. Attachments should be numbered and provided in the order described below.

For ease of processing, provide the Applicant’s Name, Applicant’s Project Name, and Applicant’s Project Number in the lower right hand corner of each page of Form 620 and attachments.³

1. Applicant Information

Full Legal Name of Applicant: Berkley Group, LLC

Name and Title of Contact Person: Bill Goddard - Project Manager

Address of Contact Person (including Zip Code): 10612-D Providence Road, PMB 742
Charlotte, NC 28277

Phone: 704-708-6006 Fax: _____

E-mail address: wgoddard@carolina.rr.com

2. Applicant's Consultant Information

Full Legal Name of Applicant's Section 106 Consulting Firm:

Atlantic Environmental Services, Inc.

Name of Principal Investigator: Jon Pruitt

Title of Principal Investigator: President/Environmental Consultant

Investigator’s Address: 202 Fred Dean Road

³ Some attachments may contain photos or maps on which this information can not be provided.

Applicant’s Name: Berkley Group, LLC
Project Name: Catawba College
Project Number: NA

NT SUBMISSION PACKET – FCC FORM 620

Approved by OMB
3060-1039
Estimated Time Per Response:
.5 to 10 hours

City: Starr State SC Zip Code 29684

Phone: 864-907-6061 Fax: 864-352-2886

E-mail Address: jonpruitt@wctel.net

Does the Principal Investigator satisfy the Secretary of the Interior's Professional Qualification Standards?⁴ YES / NO

Areas in which the Principal Investigator meets the Secretary of the Interior's Professional Qualification Standards: _____

Other "Secretary of the Interior qualified" staff who worked on the Submission Packet (provide name(s) as well as the area(s) in which they are qualified):

Sean Norris - Archaeologist

3. Site Information

a. Street Address of Site: North Park Drive

City or Township: Salisbury

County / Parish: Rowan State: NC Zip Code: 28144

b. Nearest Cross Roads: North Park Drive / Yost Street

c. NAD 83 Latitude/Longitude coordinates (to tenth of a second):

N 35 ° 41 ' 35.0"; W 80 ° 29 ' 8.0"

⁴ The Professional Qualification Standards are available on the cultural resources webpage of the National Park Service, Department of the Interior: <http://www.cr.nps.gov/local-law/arch_stnds_9.htm>. The Nationwide Agreement requires use of Secretary-qualified professionals for identification and evaluation of historic properties within the APE for direct effects, and for assessment of effects. The Nationwide Agreement encourages, but does not require, use of Secretary-qualified professionals to identify historic properties within the APE for indirect effects. See Nationwide Agreement, §§ VI.D.1.d, VI.D.1.e, VI.D.2.b, VI.E.5.

Applicant's Name: Berkley Group, LLC
Project Name: Catawba College
Project Number: NA

NT SUBMISSION PACKET – FCC FORM 620

Approved by OMB
3060-1039

Estimated Time Per Response:
.5 to 10 hours

d. Proposed tower height above ground level:⁵ 180 feet; 54.87 meters

e. Tower type:

☐ guyed lattice tower ☐ self-supporting lattice ☐ monopole

☐ other (briefly describe tower) _____

4. Project Status:⁶

- a. ☐ Construction not yet commenced;
- b. ☐ Construction commenced on [date] _____; or,
- c. ☐ Construction commenced on [date] _____ and was completed on [date] _____.

5. Applicant's Determination of Effect:

a. Direct Effects (check one):

- i. ☐ No Historic Properties in Area of Potential Effects ("APE") for direct effects;
- ii. ☐ "No effect" on Historic Properties in APE for direct effects;
- iii. ☐ "No adverse effect" on Historic Properties in APE for direct effects;
- iv. ☐ "Adverse effect" on one or more Historic Properties in APE for direct effects.

b. Visual Effects (check one):

- i. ☐ No Historic Properties in Area of Potential Effects ("APE") for visual effects;
- ii. ☐ "No effect" on Historic Properties in APE for visual effects;
- iii. ☐ "No adverse effect" on Historic Properties in APE for visual effects;
- iv. ☐ "Adverse effect" on one or more Historic Properties in APE for visual effects.

⁵ Include top-mounted attachments such as lightning rods.

⁶ Failure to provide the Submission Packet and complete the review process under Section 106 of the NHPA prior to beginning construction may violate Section 110(k) of the NHPA and the Commission's rules. See Section X of the Nationwide Agreement.

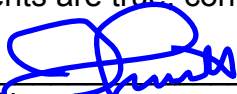
Applicant's Name: Berkley Group, LLC
Project Name: Catawba College
Project Number: NA

NT SUBMISSION PACKET – FCC FORM 620

Approved by OMB
3060-1039
Estimated Time Per Response:
.5 to 10 hours

Certification and Signature

I certify that all representations on this FCC Form 620 and the accompanying attachments are true, correct, and complete.



Signature

7/14/10

Date

Jon Pruitt

Printed Name

President/Environmental
Consultant

Title

WILLFUL FALSE STATEMENTS MADE ON THIS FORM OR ANY ATTACHMENTS ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. Code, Title 18, Section 1001) AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. Code, Title 47, Section 312(a)(1) AND/ OR FORFEITURE (U.S. Code, Title 47, Section 503).

Applicant's Name: Berkley Group, LLC
Project Name: Catawba College
Project Number: NA

Attachment 1. Résumés/Vitae

T. Jonathan Pruitt

Environmental Consultant

Mr. Pruitt has twelve years of environmental consulting experience. His master's degree studies in environmental systems engineering were concentrated in physiochemical treatment, waste management and risk assessment. He has been involved in a number of industrial and municipal wastewater treatment design projects and has completed numerous NEPA compliance reports and Phase I & II Environmental Site Assessments. He also has experience with wetlands delineation and permitting, industrial and municipal solid waste projects, construction management, as well as project management in Wireless Telecommunications and Land Development.

Education

M.S. Environmental Systems Engineering, 1993
Clemson University
Clemson, SC

B. S. Ceramic Engineering, 1990
Clemson University
Clemson, SC

Certifications

SC Licensed Contractor
#110320

SCDHEC Level II UST Site
Rehabilitation Contractor #300

Asbestos Consultant/Building
Inspector, SC License #23344
NC License #12216

40-hour
HAZWOPER/Confined Space
Trained

SC Budget & Control Board
Qualified Firm for
Environmental Studies

Publications

"Beneficial Reuse in the
Southeast". *Industrial
Wastewater*. March/April
1995, V. 3, No. 2.

Project Experience

Mr. Pruitt has gained a unique level of experience throughout his career with responsibilities as a project engineer, project manager and currently as President and CEO of Atlantic Environmental Services, Inc. As a project engineer his design work was complemented by construction management experience that resulted in a clear understanding of the elements required for cost effective design and construction. As a project manager, Mr. Pruitt progressed to the level of overall project planning and execution. Critical experience gained in this stage included the skills to understand the needs of the client, organize the tasks at hand, coordinate the staff to provide the relevant expertise, and manage each of these through effective communication based on technical knowledge. As a business owner and principal investigator Mr. Pruitt employs all of the skills developed along this career path and approaches his projects with diligence, creativity, and enthusiasm.

Mr. Pruitt currently serves as the lead environmental consultant for completion of Phase I ESAs and National Environmental Compliance Act (NEPA) compliance for purchases or lease transactions in the wireless telecommunications industry. These projects have continued over the past ten years, with Mr. Pruitt completing assessments of over 1,000 properties ranging from industrial and commercial properties to undeveloped and agricultural properties.

In addition, Mr. Pruitt has (1) performed automated stormwater semi-annual rain event sampling; (2) performed wastewater treatment system planning and design; (3) researched and compiled spill prevention control and countermeasure plans, emergency response plans, and process safety management plans; (4) provided compliance services for an industrial bio-solids land application project; (5) performed site sewer investigation and groundwater sampling; (6) prepared preliminary engineering reports (PER) and designs for the upgrade of a wastewater treatment systems for textile wastes; (7) performed internal and on-site plant sewer studies and flow monitoring; (8) conducted treatability and waste minimization studies; (9) researched and compiled WWTP operations and maintenance manuals for textile dyeing and finishing facilities; (10) designed wastewater pump stations and force mains; (11) designed effluent monitoring buildings with automated flow measurement equipment; (12) prepared ground water monitoring plans for biosolids land application to include installation of monitoring wells and dedicated sampling pump systems.

**AES**

Atlantic Environmental Services, Inc.
Starr, SC
864-907-6061

SEAN NORRIS – PROJECT MANAGER

EDUCATION

M.A., Anthropology/Forensic Anthropology, University of South Carolina, Columbia, 1998.

B.A., Anthropology and Psychology, University of Nebraska, Lincoln, 1996.

PROFESSIONAL REGISTRATIONS/CERTIFICATIONS

Register of Professional Archaeologists (formerly SOPA), 2002

TECHNICAL SPECIALTIES

- Physical Anthropology
- Human Osteology
- Prehistoric Archaeology
- Cultural Resource Management
- Native American Consultation
- Geographic Information Systems (GIS)

REPRESENTATIVE EXPERIENCE

Mr. Norris has approximately 10 years of experience as an archaeologist and is the South Carolina Program Manager for TRC Garrow Associates, Inc. As Program Manager, he is responsible for overseeing all aspects of the archaeological program, from supervising the archaeological staff to ensuring that the highest quality of research and reporting is accomplished in a timely fashion. He has authored dozens of technical reports and serves as a Principal Investigator for cultural resource projects. Mr. Norris has a wide range of cultural resource management experience, including directing numerous archaeological survey, testing, and data recovery projects. He has conducted projects in the Northeast, Midwest, and Southeast United States as well as Puerto Rico and Egypt. He has successfully completed projects for regulated utilities and private sector clients as well as federal, state, and tribal government agencies.

Attachment 2. Additional Site Information

Catawba College - The proposed project includes the **construction of a 180-foot monopole tower** in a lease area measuring approximately 100-feet by 100-feet. The project will be located adjacent to the tennis courts of Catawba College and accessed from North Park Drive, Salisbury, NC, in Rowan County. The site lies in the USGS Salisbury quadrangle and the approximate coordinates are: Lat 35-41-35 Long 80-29-8.0.

Attachment 3. Tribal and NHO Involvement

The applicant made notification via the FCC TCNS system on March 13, 2009 (ID 49700). Each THPO that has requested to participate or has provided a list of counties in their traditional territory that includes the subject county will receive a copy of this 620 Submission Packet and/or their specific submittal.

A determination of the appropriate tribal contacts was made using information from the appropriate SHPO, published tribal contact lists, and electronic databases (NACD, TCNS)).

The tribes that have expressed interest in the subject county or have replied to the TCNS or follow up letters sent after posting the proposed Site on the TCNS are as follows:

Catawba Indian Nation Catawba Cultural Preservation Project (CCPP) – requests a portion of this 620 Packet.

Cherokee Nation – requests a portion of this 620 Packet.

Eastern Shawnee Tribe of Oklahoma – responded through the TCNS stating no objections to the action if they did not respond through the TCNS within 30-days.

Seminole Tribe of Florida - requests a portion of this 620 Packet.

Shawnee Tribe – requests a portion of this 620 Packet.

Tuscarora Nation – Chief Leo Henry indicated by telephone that his tribal council has decided it has no objections to tower projects and states the following in the TCNS: Exclusions: If the Applicant/tower builder receives no response from the Tuscarora Nation within 30 days after notification through TCNS, the Tuscarora Nation has no interest in participating in pre-construction review for the site. The Applicant/tower builder, however, must IMMEDIATELY notify the Tuscarora Nation in the event archaeological properties or human remains are discovered during construction.

Attachment 4. Local Government

The proposed project is under the jurisdiction of Rowan County and has been approved by administrative review.

Attachment 5. Public Involvement

Public involvement in this action will consist of a public hearing and zoning approval.

Attachment 6. Additional Consulting Parties

No additional consulting parties have been invited to participate in the 106 process. No additional consulting parties have independently requested to participate.

Attachment 7. Areas of Potential Effects

a. The APE for direct effects includes a wooded and grass area. The NCSHPO determines the APE for direct effects to be the immediate area of the tower as shown on the Communication Tower Review Form required by the NCSHPO and included in Attachment 8.

b. The APE for visual effects includes a 1/2-mile radius around the proposed project site as determined by the NCSHPO.

Attachment 8. Historic Properties Identified in the APE for Visual Effects

- a. Research at the NCSHPO archives indicated Catawba College as a listed or eligible resource in the APE. A balloon test report is included following this Attachment.
- b. No other historic properties have been identified.
- c. NA



Atlantic Environmental Services, Inc.

202 Fred Dean Road
Mobile 864-907-6061

Starr, SC
Fax 864-352-2886

29684
jonpruitt@wctel.net

Ms. Renee Gledhill-Earley
NCSHPO
4617 Mail Service Center
Raleigh, NC 27699-4617

December 4, 2009

Subject:
Catawba College Balloon Test

Dear Ms. Gledhill-Earley:

As requested we have conducted a visibility analysis for the subject proposed wireless telecommunications project. On November 24, 2009, the above proposed tower site (henceforth Site) and area were visited and photographed using a balloon to determine the visibility of the proposed tower from the Catawba College Historic District - RW 948 Study List. The project is further described as follows:

Berkley Group Catawba College Wireless Telecommunications Tower – this project involves construction of a **±190-foot monopole tower (+/-199-foot overall with lightning rod)** adjacent to the tennis courts and stadium of Catawba College. The Site will be accessed from N. Park Road via a service road around the north side of the tennis courts. The College is located in Salisbury, North Carolina, in Rowan County. The site lies in the USGS Salisbury quad and its position is approximately 35-41-35 latitude and 80-29-08 longitude.

The request for this visibility analysis was made on March 19, 2009, for the District as marked on the attached Communication Tower Review Form provided by the NCSHPO. During the balloon test it was found that the proposed tower would have several areas of visibility on the Catawba College campus, but would be partially screened from view within the District by campus buildings and mature trees.

The balloon was visible from areas on the northwest side of Ketner Hall, as this side of campus consists of a parking lot, the stadium, and tennis courts. The tower location is in a wooded area where the base and approximately 40-feet of the tower would be screened by mature trees. Moving east into the District, it appears that the top of the tower would be partially visible from in front of the Cannon Student Center at several locations peering through the trees between the Center and Barger-Zartman Hall to the northeast and Salisbury-Rowan Hall to the southwest, though not likely visible from in front of Salisbury-Rowan Hall. Continuing to the front of the Hedrick Administration Building, it appears that the tower would not be visible until crossing West Innes Street and reaching a point near the front of the Shuford Science Building. The top of the tower would again be visible in the when peering through the trees above the northeast roofline of the Hedrick Administration Building. Continuing around Faculty/Staff Circle, the top of the tower will potentially be visible through the trees in front of the Omwake-Dearborn Chapel and the Corriher-Linn-Black Library. These buildings are on the eastern boundary of the District. Views of the tower would be decreased in the spring and summer by mature trees. The balloon was not visible from Hollifield Hall on the north side of the District.

If you have any questions or require additional information, please call me at the above phone number at your earliest convenience.

Sincerely,

A handwritten signature in black ink, appearing to read "Jon Pruitt". The signature is fluid and cursive, with a large initial "J" and a stylized "P".

Jon Pruitt

Attachments

Communications Tower Review Form

HISTORIC PRESERVATION OFFICE

I. Applicant Information:

Preparer/Company: AES- Jon Pruitt (by Circa, Inc.)/Berkley Group
Address: PO Box 462, Starr, SC 29684
Phone/Fax/E-mail: 864-907-6061/864-352-2886 jonpruitt@wctel.net

For North Carolina HPO
Use Only

CT 09 - **0569**

II. Tower Information: (Attach copy of USGS map or photocopy of quad on reverse; include 1 and 2 mile radius around site)

☒ Raw Land (New) ☐ Co-Location Applicant's Identification # Catawba College
Address: North Park Drive, Salisbury, NC
County: Rowan FCC Registration No. not assigned
Tower type and height: 190-foot monopole (+/- 199 w/ lightning rod) Quad Name: Salisbury (Rowan Mills to the West)

III. Identification of Historic Properties:

List sites by site number and status: NR = National Register listed; SL = Study List; DOE = Determination of Eligibility;
LD = Local Designation; UA = Unassessed

Archaeology

of recorded sites in immediate area of tower: 0

Architecture

of recorded sites within 1/2 mile radius: 1

RW 948 - Catawba College Historic District (Study List)

IV. Additional Information/Investigation Needed:

No Survey
No Testing of sites
Recommended by/on: JSPM 3/17/09
(Office of State Archaeology)

☐ Photo Reconnaissance
☒ Balloon Test
Recommended by/on: [Signature]
(Survey & Planning Branch)

V. Recommendations/Final Determination:

☒ Recommendations for additional work are shown above.

The proposed communication tower will _____ affect historic properties in the area of potential effect.

Renee Gledhill-Earley
Renee Gledhill-Earley, Environmental Review Coordinator

3-19-09
Date

cc: FCC

CAMPUS MAP

Campus Map and Photo Key

MAP KEY

- VP** Visitor parking
- P** Parking areas
- H** Handicapped parking
- Public Safety**
- ★** Outdoor spaces



Site

ACADEMICS & ADMINISTRATION

1. Florence-Busby-Corriher Experimental Theatre
2. Robertson College-Community Center
 - a. Hedrick Little Theatre
 - b. Peeler Crystal Lounge
 - c. Keppel Auditorium
3. Center for the Environment
4. Shuford Science Building
5. Omwake-Dearborn Chapel
6. Ecological Preserve
7. Corriher-Linn-Black Library
 - a. Palmer Archives
8. Heath Hill Lodge
9. Heath Hill House
10. Facilities
12. Jann House / Public Safety
13. Williams Music Building
20. Maintenance, Housekeeping & Grounds
21. Cannon Student Center
 - a. Proctor Student Health Center
 - b. Bookstore
 - c. Lerner Wellness Center
22. Hedrick Administration Building
24. Ketner Hall
25. Hoke Hall
29. President's House
30. Cloninger Guest House
34. Partners in Learning

ATHLETICS

17. Ruth-Richards Athletic House
18. Abernethy Physical Education Center
31. Newman Park (baseball)
32. Shuford Stadium (football, lacrosse)
33. Hayes Field House
35. Johnson Tennis Complex
36. Frock Athletic Complex
 - a. Lacrosse Practice Field
 - b. Whitley Softball Field
 - c. Soccer Field
 - d. Field Hockey Field
 - e. Practice Fields

RESIDENCE HALLS

11. Hurley Hall
14. Salisbury-Rowan Hall
15. Pine Knot Hall
16. Abernethy Village:
 - a. Goodman Hall West
 - b. Goodman Hall East
 - c. Graham Hall
 - d. Purcell Hall
 - e. Fuller Hall
19. Foil House Hall
23. Barger-Zartman Hall
26. Stanback Hall
27. Hollifield Hall
28. Woodson Hall

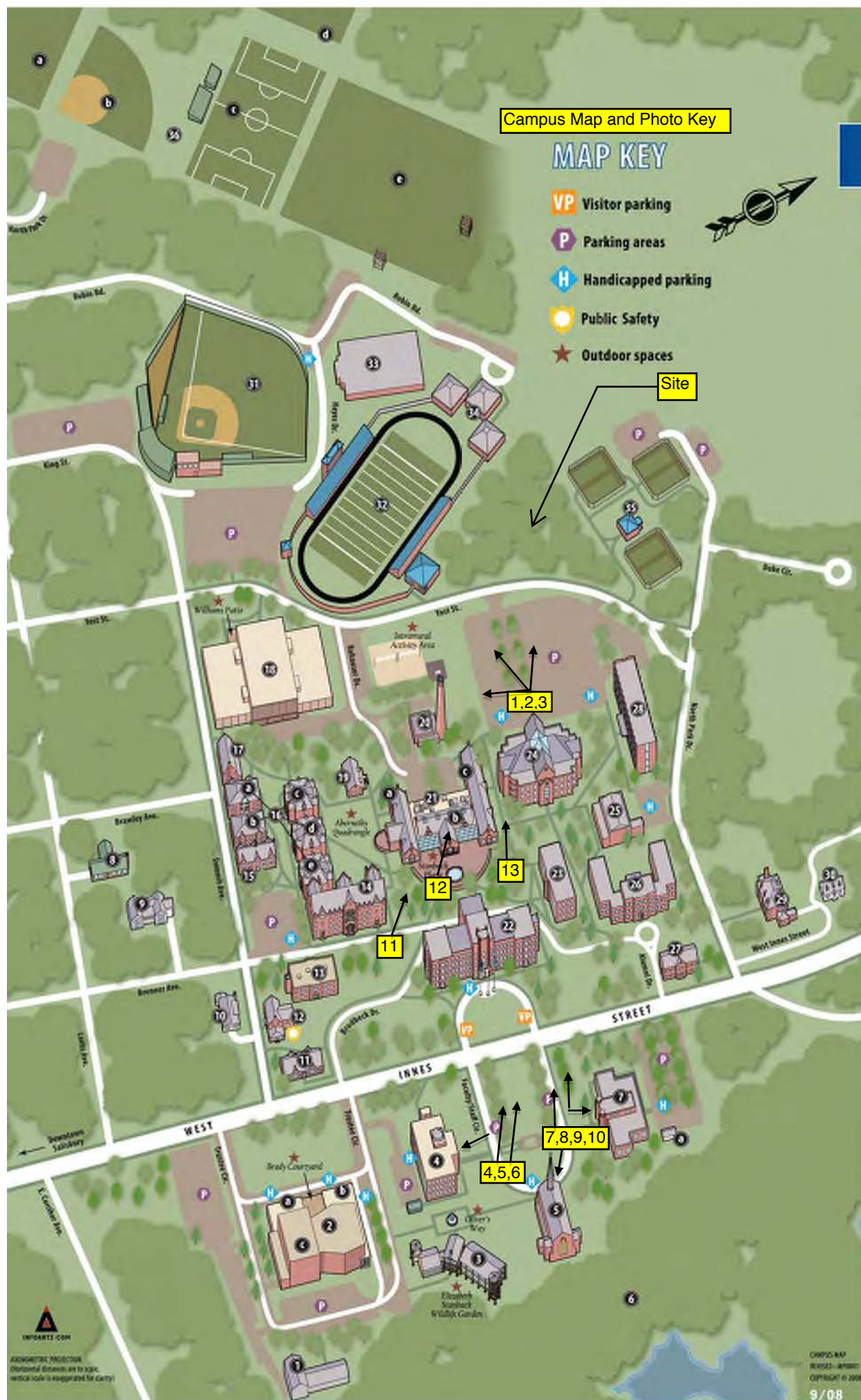




Photo #1 – view of balloon at +/-190-feet from the back of Ketner Hall looking northwest toward the Site)



Photo #2 – stack to the south of the Site from the back of Ketner Hall



Photo #3 – stadium to the southwest of the Site from the back of Ketner Hall



Photo #4 – Hedrick Administration Building viewed from Faculty/Staff Circle in front of the Shuford Science Building



Photo #5 – zoomed view of Photo #4



Photo #6 – Shuford Science Building (see photos #4 & #5 for views toward site in front of this building)



Photo #7 – Omwake-Dearborn Chapel



Photo #8 – zoomed view from in front of the Chapel



Photo #9 – Corriher-Linn-Black Library



Photo #10 – view of the balloon screened in front of the Library



Photo #11 – view from in front of the Cannon Student Center



Photo #12 – view from in front of the Cannon Student Center



Photo #13 – view from in front of the Cannon Student Center looking over Ketner Hall



North Carolina Department of Cultural Resources
State Historic Preservation Office

Peter B. Sandbeck, Administrator

Beverly Eaves Perdue, Governor
Linda A. Carlisle, Secretary
Jeffrey J. Crow, Deputy Secretary

Office of Archives and History
Division of Historical Resources
David Brook, Director

December 9, 2009

Jon Pruitt
Atlantic Environmental Services
PO Box 462
Starr, SC 29684

RE: 190' monopole communications tower, N Park Drive, Catawba College, Rowan County,
CT09-0569

Dear Mr. Pruitt:

Thank you for your letter of December 4, 2009, transmitting the results of the balloon test for the above referenced communications tower. We have reviewed the results of the test and determined that as proposed the 190' monopole will have an adverse effect upon the Catawba College Historic District, a property eligible for listing in the National Register of Historic Places. To avoid adversely affect the historic district, we recommend the following alternatives.

- Move the tower location north and west of the currently proposed site. A location near the practice fields (shown on the Campus Map as "e.") would be acceptable for a tower of 190' and able to accommodate more than one carrier.
- Or, if moving the tower to another location is not possible, reduce the tower to 175-180' and accept a condition that no future antennae may be placed on the monopole.

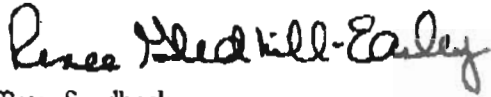
We understand that the college is interested in having the tower on its campus. Thus, we reviewed the property and satellite maps of the area and believe that moving the tower as suggested may work for both parties. Please notify us as to the alternative selected so that we can offer a final determination of effect and note it in our files.

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. In all future communication concerning this project, please cite the above referenced tracking number.

Sincerely,



Peter Sandbeck

cc: Circa, Inc



North Carolina Department of Cultural Resources
State Historic Preservation Office

Peter B. Sandbeck, Administrator

Beverly Eaves Perdue, Governor
Linda A. Carlisle, Secretary
Jeffrey J. Crow, Deputy Secretary
June 24, 2010

Office of Archives and History
Division of Historical Resources
David Brook, Director

John Pruitt
Atlantic Environmental Service
PO Box 462
Starr, SC 29684

RE: 190' monopole communications tower, Catawba College, Salisbury, Rowan County, CT09-0569

Dear Mr. Pruitt:

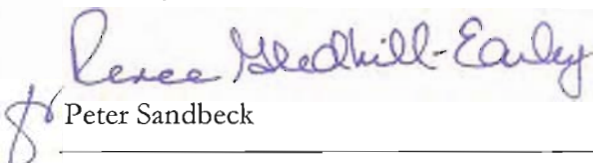
Thank you for your email of June 15, 2010, concerning the above referenced tower and notifying us that the practice-field location will not work due to floodplain issues. Since that contact, Bonnie Newell also joined the email correspondence and offered answers to my several questions about alternative proposals. Based on those exchanges, we have determined that the proposed communications tower will not adversely affect the National Register-eligible Catawba College Historic District, if the following conditions are implemented.

- The monopole tower will not exceed 180' in height, including any whip antenna or lighting rod mounted at the top.
- All antennae will be flush mount/dual pole antennae as shown in the illustration provided June 17, 2010 by Bonnie Newell.
- There will be no more than five (5) sets of dual pole antennae allowed on the tower.
- All required cables/wiring will be internally mounted within the pole.
- The equipment area will be fenced per standard procedures and landscaped with an evergreen buffer.

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. In all future communication concerning this project, please cite the above referenced tracking number.

Sincerely,


Peter Sandbeck

Attachment 9. Historic Properties Identified in the APE for Direct Effects

- a. No properties from 8a or 8b exist within the APE for direct effects. The NCSHPO has recommended no field testing.
- b. No properties have been identified in the APE for direct effects that are considered to be eligible for listing in the National Register. A field archaeological survey is included following this Attachment.
- c.



July 9, 2010

Mr. Jon Pruitt
Atlantic Environmental Services, Inc.
P.O. Box 462
Starr, SC 29684

Subject: Archaeological Survey for Berkeley Group, LLC's Proposed Telecommunications Tower Site Catawba College, Rowan County, North Carolina.

Dear Mr. Pruitt:

On July 8, 2010 TRC conducted an archaeological survey of Berkeley Group, LLC's proposed Catawba College cell tower site. The site is located on the campus of Catawba College near the terminus of North Park Drive in the town of Salisbury, Rowan County, North Carolina (Figure 1). This work was done on behalf of Atlantic Environmental Services, Inc.

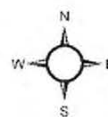
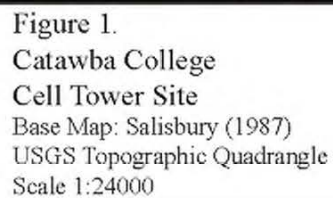
Applicant:	Berkeley Group, LLC
Site ID:	TCNS 49700 Catawba College
Site Location:	Rowan County, North Carolina
Map Reference:	Salisbury 1987 USGS 7.5' Topographic Quadrangle
Latitude:	35 deg 41 min 35.0 sec N
Longitude:	80 deg 29 min 8.0 sec W
Type:	+/-180-foot Monopole Tower, including antenna and lightning rod

The proposed Catawba College tower is a 180-foot monopole that includes any whip antenna or lightening rod. The tower is to be located in a wooded area with little ground surface visibility (Figure 2). The site is immediately south of the Catawba College tennis courts at the terminus of North Park Drive (Figure 3). This area is in the Piedmont physiographic province, which is characterized by steep ridges and trench valleys. The site is situated on a wooded terrace overlooking the Grants Creek floodplain to the west, athletic fields are to the southwest and the campus of Catawba College is to the east. The proposed access will begin at the gravel parking lot at the end of North Park Drive and extend approximately 100 feet south to the tower site (Figure 4).

METHODS

Literature Review

Background research for this project was conducted by the North Carolina Department of Cultural Resources, State Historic Preservation Office (SHPO). In a letter report dated March 13, 2009, SHPO did not identify any previously recorded archaeological sites within the proposed tower site. A review of the North Carolina Archaeological Site files indicates two



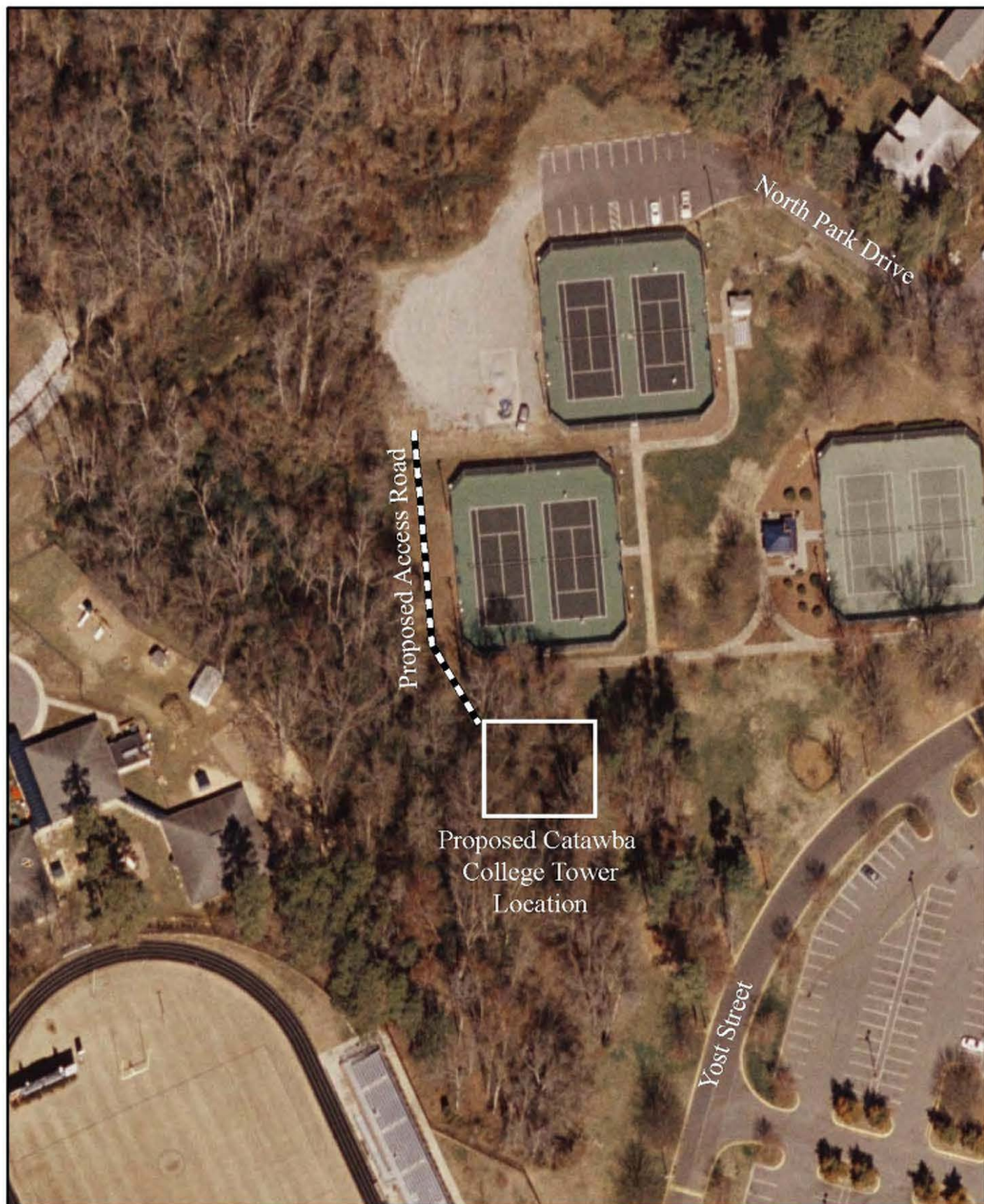
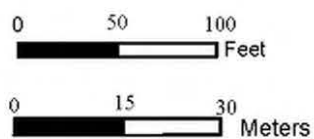


Figure 2.
Catawba College
Cell Tower Site
Base Map: Salisbury (2006)
Aerial Orthophotograph
Scale 1:3500



archaeological sites within a 0.5-mile radius of the tower site (see Figure 1). Site 31RW36-"Corn Field Site", is a prehistoric, possible Early Archaic, Early Woodland site on the north side of Grants Creek. The site has not been assessed as to its National Register of Historic Places (NRHP) eligibility. A notation in site files indicates that "construction destroyed most of site". Site 31RW121-"Grant's Creek #3" was identified in 1988 as an isolated find of prehistoric lithic debitage (Hargrove 1988). The site was identified by surface collection only. The area was severely disturbed and the site was recommended Not Eligible for the NRHP.



Figure 3. Proposed Catawba College Tower site facing north.

SHPO identified one historic district, the Catawba College Historic District (31RW948) within a 0.5-mile radius of the tower site. A balloon test was recommended to determine the effects of the proposed tower on the historic district. A balloon test was conducted. After consultation with SHPO (letter dated June 24, 2010) it was determined that the tower will not adversely affect the National Register-eligible Catawba College Historic District if tower height, antenna specifications and landscaping buffer criteria were met.

Field Survey

On July 8, 2010, an archaeological survey was conducted of the proposed Catawba College tower location. TRC Archaeologist Sean Norris, M.A. RPA, conducted the survey. The archaeological survey was carried out using a combination of surface inspection and shovel testing techniques. All shovel tests were approximately 30 cm in diameter and excavated to sterile subsoil. Soil was screened through 0.25-inch hardware mesh, and artifacts, if encountered, were bagged according to provenience. Notes were kept in a field journal and on standard TRC shovel testing forms.

RESULTS

For the purposes of the archaeological survey, the project area consisted of a 30 × 30-m (100 × 100- foot) area containing the proposed tower site and the proposed access road. The proposed tower location lies within a wooded area immediately south of the Catawba College tennis courts. The proposed access to the tower will be west of the tennis courts and extend from the gravel parking lot at the end of North Park Road to the tower location.



Figure 4. Proposed access road area. Facing south to tower location.

Five shovel tests were excavated within the 30-x-30 m proposed tower site. Shovel tests were excavated to approximately 30 cm in depth with one extending to a depth of 50 cm. A layer of fill containing gravel and mottled soil was encountered in the southeast corner and central portion of the tower site. The site slopes to the west towards the floodplain of Grants Creek. Soil in the western most shovel tests consisted of approximately 10 cm of reddish brown clay loam overlaying strong brown loamy clay and strong brown clay subsoil. No artifacts were recovered in any of the shovel tests. Two additional shovel tests were excavated along the proposed access road. The soil from these shovel tests was comparable to the soils on the west side of the tower location. No artifacts were recovered from the proposed access road.

SUMMARY AND ASSESSMENT OF EFFECTS

An archaeological survey of the proposed Catawba College cell tower project area revealed no new archaeological sites. Additionally, there are no previously recorded archaeological sites nearby or within the proposed tower site. It has been determined by SHPO that the Catawba College Historic District east of the tower site will not be adversely affected by the proposed tower. Therefore, it is TRCs recommendation that no archaeological sites will be affected and no historic resources will be adversely affected by the proposed undertaking. If you have any questions, please do not hesitate to contact me at 803-933-9991.

Sincerely,

A handwritten signature in cursive script, appearing to read "Sean Norris".

Sean Norris, M.A., RPA
Program Manager, Archaeology

REFERENCES

Hargrove, Thomas
1988: "An Archaeological Reconnaissance Survey of Grant's Creek Outfall Lines, Salisbury, Rowan County, North Carolina. Archaeological Research Consultants, Inc

Attachment 10. Effects on Identified Properties

- a. The applicant believes that the proposed undertaking would have no adverse effect on historic properties based on the determination of the NCSHPO. The NCSHPO Communication Tower Review Form and a final conditions letter are included in Attachment 8.
- b. Correspondence with the SHPO/THPO concerning this undertaking prior to submission of this 620 Submission Packet has consisted of THPO contacts through the TCNS and follow up letters as detailed in Attachment 3.
- c. No alternatives have been considered since the undertaking is not expected to adversely affect historic properties.

Attachment 11. Photographs

- a. Photographs of the proposed location are included in Attachment 8.
- b. Photographs of all listed and eligible properties, if any, are included in Attachment 8.
- c. Photographs from all listed and eligible properties, if any, looking toward the proposed tower site are included in Attachment 8.
- d. Aerial photographs, if available, are included in Attachment 8.

Attachment 12. Maps

- a. A USGS topo map of the APEs is included in Attachment 9.
- b. The location and details of the proposed tower site are included in Attachment 8.
- c. Locations of historic properties, if any, are shown on maps included in Attachment 8.

Section 106 – SHPO/THPO FCC Form 620 and TCNS Responses



North Carolina Department of Cultural Resources
State Historic Preservation Office

Peter B. Sandbeck, Administrator

Beverly Eaves Perdue, Governor
Linda A. Carlisle, Secretary
Jeffrey J. Crow, Deputy Secretary
June 24, 2010

Office of Archives and History
Division of Historical Resources
David Brook, Director

John Pruitt
Atlantic Environmental Service
PO Box 462
Starr, SC 29684

RE: 190' monopole communications tower, Catawba College, Salisbury, Rowan County, CT09-0569

Dear Mr. Pruitt:

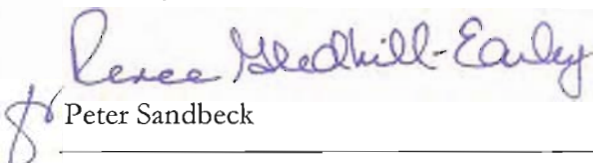
Thank you for your email of June 15, 2010, concerning the above referenced tower and notifying us that the practice-field location will not work due to floodplain issues. Since that contact, Bonnie Newell also joined the email correspondence and offered answers to my several questions about alternative proposals. Based on those exchanges, we have determined that the proposed communications tower will not adversely affect the National Register-eligible Catawba College Historic District, if the following conditions are implemented.

- The monopole tower will not exceed 180' in height, including any whip antenna or lighting rod mounted at the top.
- All antennae will be flush mount/dual pole antennae as shown in the illustration provided June 17, 2010 by Bonnie Newell.
- There will be no more than five (5) sets of dual pole antennae allowed on the tower.
- All required cables/wiring will be internally mounted within the pole.
- The equipment area will be fenced per standard procedures and landscaped with an evergreen buffer.

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. In all future communication concerning this project, please cite the above referenced tracking number.

Sincerely,


Peter Sandbeck

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

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



July 28, 2010

Attention: Jon Pruitt
Atlantic Environmental Services, Inc.
202 Fred Dean Road
Starr, SC 29684

Re. THPO #	TCNS #	Project Description
2010-13-1	49700	Bekley Group – Catawba College

Dear Mr. Pruitt,

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



SHAWNEE TRIBE
HISTORIC PRESERVATION DEPARTMENT
29 SOUTH HIGHWAY 69A
MIAMI, OKLAHOMA 74354
918-542-2441 PHONE 918-542-9915 FAX

FACSIMILE COVER PAGE

To: Jon FROM: Kim Jumper
FIRM/AGENCY: AES DATE/TIME: 7/20/10
FAX NUMBER: 864-352-2886 NO. OF PAGES, INCLUDING COVER: 1
PHONE NUMBER: _____ MEMO: 49700

Message: The Shawnee Tribe's Tribal Historic Preservation Officer concurs that no known historic properties will be negatively impacted by construction of this tower site (see memo line above for TCNS number/s). The Shawnee Tribe's archives do not reveal any issues of concern at this tower location. In the event that archaeological materials are encountered later during construction, use, or maintenance of this tower location, please re-notify us at that time as we would like to resume consultation under such a circumstance.

The Shawnee Tribe's Environmental and Natural Resources Department takes this opportunity to express its concerns that telecommunication towers can have a potentially destructive impact on bats and migratory birds, particularly those that migrate at night, including species listed as threatened and endangered by both states and the federal government, as well as other species. The Shawnee Tribe suggests that this tower be constructed in accordance with the guidelines available from the US Fish and Wildlife Service to reduce the adverse effects of telecommunications towers on migratory birds; these guidelines may be found at: www.fws.gov/migratorybirds/issues/towers/comtow.html.

The Shawnee Tribe's Environmental and Natural Resources Department is further concerned that the proliferation of cell towers may play a role in honey bee Colony Collapse Disorder. We acknowledge that cell phone technology may not be to blame, especially by itself, as other potential causative factors for the decline have been noted, such as insecticides, tracheal and varroa mites [an immunosuppressant], other parasites, pesticides used on hives to eliminate parasites, genetically modified plants, *Nosema* fungus, Israeli Acute Paralysis Virus (IAPV) perhaps introduced from Australia in 2004, Kashmir Bee Virus [KBV], climate change, and drought.

Finally, the Shawnee Tribe's Environmental and Natural Resources Department requests that cell tower sites, whenever remotely feasible, be restored to native vegetation. In all cases, habitat restoration can protect a variety of species, even in small project areas. The large number of cell tower sites provides an as yet unrealized opportunity for region-wide habitat restoration. The Tribe urges the cell phone industry to provide a model for native habitat restoration for other industries.

Please do not hesitate to call us for additional comment.

From: Richard Allen [Richard-Allen@cherokee.org]
Sent: Thursday, August 12, 2010 1:15 PM
To: 'Jon Pruitt'
Subject: RE: review request TCNS 49700

The Cherokee Nation has no knowledge of any historic, cultural or sacred sites within the affected area. Should any ground disturbance reveal an archaeological site or human remains, we ask that the all activity cease immediately and the Cherokee Nation and other appropriate agencies be contacted immediately.

Thank you,

Dr. Richard L. Allen
Policy Analyst
Cherokee Nation
P.O. Box 948
Tahlequah, Oklahoma 74465
(918) 453-5466 (office)
(918) 822-2707 (cell)
(918) 458-5898 (fax)

From: Jon Pruitt [mailto:jonpruitt@wctel.net]
Sent: Wednesday, July 14, 2010 4:15 PM
To: Richard Allen
Subject: review request TCNS 49700

Hi Dr. Allen,

This one has been on hold for some time, but is now moving forward. Please email your comments to me or through the TCNS at your earliest convenience.

Thanks!

Jon Pruitt
Atlantic Environmental Services, Inc.
202 Fred Dean Road
PO Box 462
Starr, SC 29684
864-907-6061

From: towernotifyinfo@fcc.gov
Sent: Friday, July 23, 2010 9:37 AM
To: jonpruitt@wctel.net
Cc: tens.fccarchive@fcc.gov; jenniferpietarila@semtribe.com
Subject: Reply to Proposed Tower Structure (Notification ID: 49700) - Email ID #2546427

Dear Bill Goddard,

Thank you for using the Federal Communications Commission's (FCC) Tower Construction Notification System (TCNS). The purpose of this email is to inform you that an authorized user of the TCNS has replied to a proposed tower construction notification that you had submitted through the TCNS.

The following message has been sent to you from Archaeological Data Analyst Jennifer L Pietarila of the Seminole Tribe of Florida in reference to Notification ID #49700:

To Whom It May Concern,

The Seminole Tribe of Florida Tribal Historic Preservation Office (STOF-THPO) has received your email correspondence concerning the aforementioned project. The STOF-THPO concurs with your findings of “no historic properties” for direct effects and “no adverse effect” for visual effects. However, the STOF-THPO would like to be informed should any archaeological and/or historic resources be discovered inadvertently during the construction process. We thank you for the opportunity to review the information that has been sent to date regarding this project.

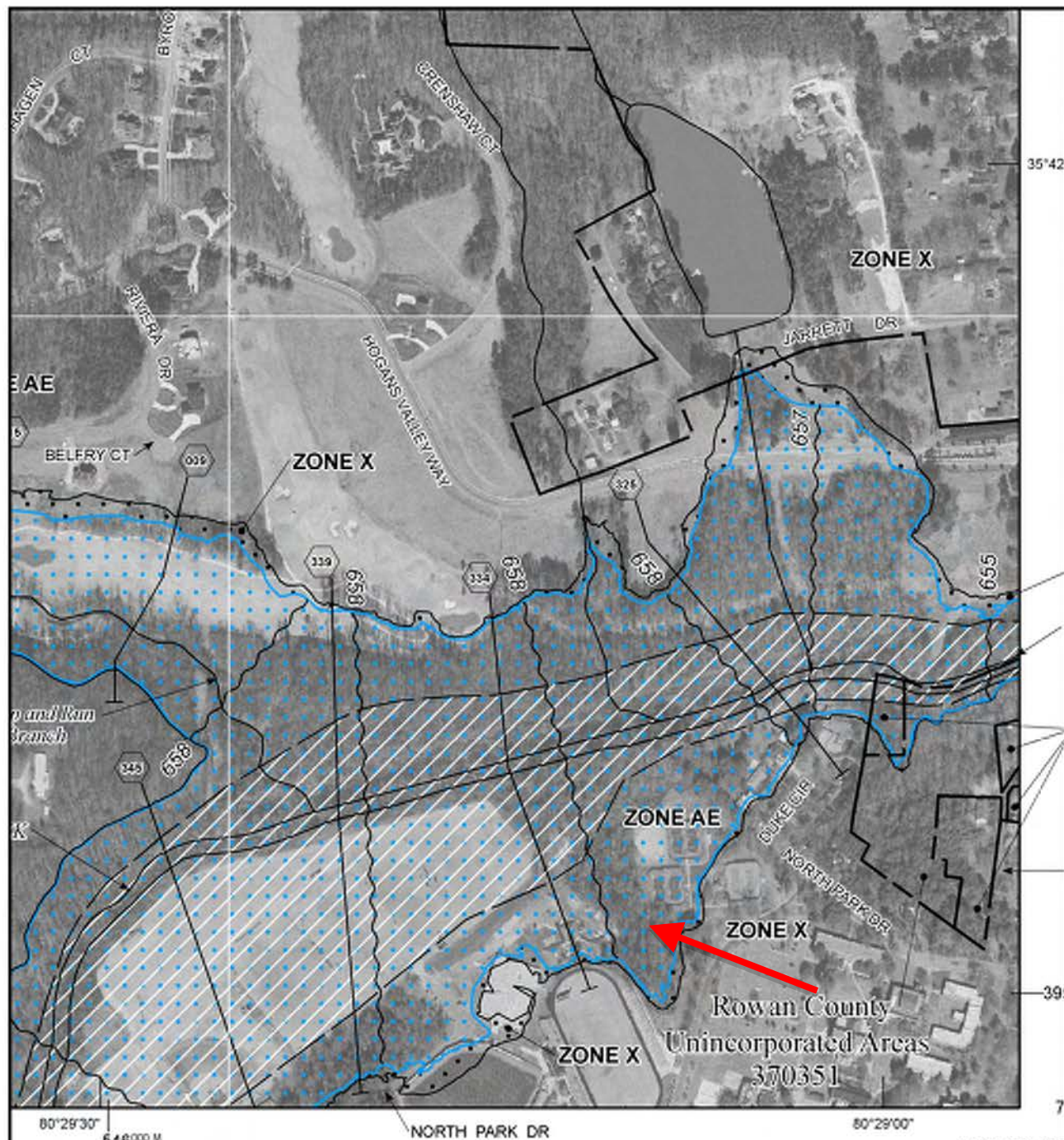
We look forward to working with you in the future.


Sincerely,
W.S. Steele,
Tribal Historic Preservation Officer

For your convenience, the information you submitted for this notification is detailed below.

Notification Received: 03/08/2009

FEMA Map





GRID NORTH
SCALE 1" = 500' (1 : 6,000)

0 250 500 750 1,000
 FEET
 0 250 500 750 1,000
 METERS

PANEL 5751J

FIRM
FLOOD INSURANCE RATE MAP
NORTH CAROLINA



PANEL 5751
 (SEE LOCATOR DIAGRAM OR MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	CID No.	PANEL	SUFFIX
ROWAN COUNTY	370351	5751	J
SALISBURY, CITY OF	370215	5751	J

Notice to User: The Map Number shown below should be used when placing map orders, the Community Number shown above should be used on insurance applications for the subject community.

EFFECTIVE DATE **MAP NUMBER**
JUNE 16, 2009 **3710575100J**

State of North Carolina
 Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov