PROGRAMMATIC AGREEMENT
BETWEEN
THE U.S. ARMY CORPS OF ENGINEERS, WILMINGTON DISTRICT
AND
THE NORTH CAROLINA STATE HISTORIC PRESERVATION OFFICER
REGARDING
THE TAR-PAMLICO RIVER BASIN FLOOD RISK MANAGEMENT PROJECT

WHEREAS, the U.S. Army Corps of Engineers, Wilmington District (USACE) has performed a feasibility level study and environmental assessment of engineering solutions to reduce flood risks within the Tar-Pamlico River basin, herein referred to as the "Study"; and

WHEREAS, the Study was authorized by House Resolutions adopted on April 11, 2000, and May 21, 2003, by the Committee on Transportation and Infrastructure of the United States House of Representatives and is funded by the Additional Supplemental Appropriations for Disaster Relief of 2019, H.R. 2157; and

WHEREAS, as a result of that Study, USACE has prepared the Tar-Pamlico River Basin Flood Risk Management Integrated Feasibility Report and Environmental Assessment (IFREA); and

WHEREAS, additional congressional authorization will be required prior to USACE's implementation of the IFREA's recommendation plan (undertaking); and

WHEREAS, the North Carolina Department of Environmental Quality (NC DEQ) is the Study's non-Federal sponsor (NFS); and

WHEREAS, the proposed undertaking consists of floodproofing modifications to approximately 157 residential, commercial, and industrial structures within the cities of Nashville in Nash County, Rocky Mount in Edgecombe and Nash Counties, and Greenville, in Pitt County, all in North Carolina (see Appendices A and B); and

WHEREAS, these modifications include structural elevation, structural floodproofing, or flood venting as described in Appendix C; and

WHEREAS, pursuant to 36 Code of Federal Register (C.F.R.) Part 800, the regulations implementing Section 106 of the National Historic Preservation Act (NHPA) (54 U.S.C § 306108), the USACE has determined that the proposed undertaking has the potential to cause an effect and/or an adverse effect to historic properties listed in or eligible for listing on the National Register of Historic Places (NRHP); and

WHEREAS, these structures have not been evaluated for their historical significance or eligibility for listing to the NRHP; and

WHEREAS, USACE has notified the Advisory Council on Historic Preservation (Council) of the proposed undertaking and shared its intent to avoid, minimize and/or mitigate effects and/or adverse effects to any historic properties through this programmatic agreement (PA); and

WHEREAS, on March 21, 2024, the Council determined that the *Criteria for Council Involvement in Reviewing Individual Section 106 Cases* (Appendix A to Part 800, Title 36), does not apply to this undertaking, and accordingly, has chosen not to participate on this PA; and

WHEREAS, in accordance with 36 C.F.R. §§800.2 and 800.3, USACE has invited the North Carolina State Historic Preservation Office (NC SHPO), Federally-recognized Native American Indian Tribes (Tribes), representatives of local governments, and others to participate as consulting parties in in the development of this PA. A complete list of those invited to serve as consulting parties is included in Appendix D; and

WHEREAS, the NC SHPO accepted USACE's invitation to participate as a consulting party and is a signatory to this PA; and

WHEREAS, USACE involved the general public through the National Environmental Policy Act (NEPA) process, which affords all persons, organizations, and government agencies the right to review and comment on proposed major Federal actions that are evaluated by a NEPA document and participate in public meetings during the review of the feasibility report.

NOW, THEREFORE, USACE, and NC SHPO agree that the undertakings shall be implemented in accordance with the following stipulations to avoid, minimize and/or mitigate effects and/or adverse effects of the proposed undertaking to historic properties.

STIPULATIONS

USACE shall ensure that the following measures are carried out:

I. ENGAGING CONSULTING PARTIES AND THE PUBLIC

USACE will engage consulting parties in writing and invite them to participate in the process presented in this PA. Specific participants in this process are defined by 36 C.F.R. part 800.2 (c) but at minimum include the NC SHPO and the NFS. Other suggested consulting parties include Tribes and affected property owners. The Advisory Council for Historic Preservation, herein referred to as the "Council", may participate in this process at any time.

USACE will seek the views of the public on the proposed undertaking and its effects on historic properties. USACE will develop a list of potentially interested members of the public (e.g., including non-profit and non-governmental organizations, state and local governmental agencies, museums and educational institutions, businesses, and/or professional researchers) and will request their knowledge of the Study area and the effected historic properties in writing (i.e., letter or email exchange) or through a series of public meetings, as appropriate.

DEFINING THE AREAS OF POTENTIAL EFFECT

A preliminary Area of Potential Effects (APE) for this undertaking was determined by USACE based on a feasibility-level design, a detailed records review, and consultation. The preliminary APE is identified in Appendix A, and it includes approximately 157 structures and the surrounding grounds designated for modifications and/or soil disturbing activities within the cities of Nashville in Nash County, Rocky Mount in Edgecombe and Nash Counties, and Greenville, in Pitt County, all in North Carolina (see Appendices A, B, and C).

A structural analysis for each structure will be conducted during the design phase of the project to determine the final number of structures affected, their locations, and the implementability of the proposed modifications (i.e., elevation, floodproofing, or flood venting). USACE will present the final APE to consulting parties with updated maps and project activity descriptions.

Consulting parties shall be given no more than thirty (30) calendar days (from the date of receipt) to review and provide written comments on the APE. Consulting parties may request additional time to accommodate review and/or submit comments: however, failure of the consulting parties to respond within the review period shall not preclude USACE from moving forward and defining the final APE.

II. IDENTIFICATION AND EVALUATION OF HISTORIC PROPERTIES WITHIN THE AREA OF POTENTIAL EFFECT

USACE shall carry out investigations to evaluate the historic significance and eligibility of above-ground structures and archaeological resources within the APE for listing to the NRHP. The investigations and evaluation will be carried out in the following manner:

A. Professional Standards. All work under this PA will be conducted by, or directly under supervision of, individuals that meet the Professional Qualification Standards set forth in *Archaeology and Historic Preservation: Secretary of the Interior's (SOI) Standards and Guidelines*, as specified in 36 C.F.R. Part 61 for archaeology, history, architectural history, architecture, or historic architecture.

B. Above-Ground Structure Investigations.

1. USACE shall prepare a research design for the investigation of above-ground structures, older than 45 years from the date of investigation. This document will present research questions related to the site and structure and the methods used to evaluate the historic significance of each structure including, but not limited to a reconnaissance survey and analysis, a detailed records review of each structure's age, use and modification, photographic and recordation techniques, and a plan for the long-term curation of materials developed from this investigation.

   Consulting parties shall have thirty (30) calendar days (from the date of receipt) to review and provide written comments on the research design. USACE will make changes to the research design based on these comments and re-submit to consulting parties for another 30-day review. Upon approval, USACE will implement the research design for above-ground structures.

   Methods within the research design will follow the guidelines and requirements specified in *the SOI's Standards and Guidelines* (48 F.R. 44716-44740) and the *North Carolina Report Standards for Historic Structure Survey: Reports/Determinations of Eligibility / Section 106/110 Compliance Reports in North Carolina.*

2. Required documents for the above-ground structural investigation will include a report of findings presenting the overall results and the NRHP eligibility of each structure evaluated, and a state site form. The NRHP eligibility will be based on an application of the Criteria of Evaluation within 36 C.F.R. §60.4. If questions arise as to the NRHP eligibility of the structures identified within the APE, then USACE shall obtain assistance from the SOI pursuant to 36 C.F.R. Part 63.

   The report of finding and state site forms will follow the guidelines and requirements specified in 36 C.F.R. §800.11, the SOI's Standards and Guidelines (48 F.R. 44716-44740), and the North Carolina Report Standards for Historic Structure Survey: Reports/Determinations of Eligibility / Section 106/110 Compliance Reports in North Carolina. These investigations will be provided under a separate cover from any identified archaeological resources.

C. Archaeological Resource Investigations.

1. USACE shall submit a research design for the investigation of archaeological resources within the APE. This document will present research questions related to the site and the methods used to identify and evaluate the historic significance of each resource including, but not limited to hand excavations, archaeological monitoring, an analysis of recovered materials, a review of existing literature and records, photographic and recordation techniques, and a plan for the long-term curation of materials developed from this investigation.

   The methods within the research design will at minimum follow the guidelines and requirements specified in *the SOI's Standards and Guidelines* (48 F.R. 44716-44740) and the *North Carolina Office of State Archaeology: Archaeological Investigation Standards and Guidelines.* In addition, any work completed on state-owned land will comply with Section .1602 of Title 07, Subchapter 04R of the North Carolina Administrative Codes.

   Consulting parties shall have thirty (30) calendar days (from the date of receipt) to review and provide comments on the research design. USACE will make changes to the research design based on these comments and re-submit to consulting parties for another 30-day review. Upon approval, USACE will implement the research design for archaeological resources.

2. Required documents for the archaeological resource investigations will include a report of findings presenting the overall results and the NRHP eligibility of each resource evaluated, and a state site form. The NRHP eligibility will be based on an application of the Criteria of Evaluation within 36 C.F.R. §60.4. If questions arise as to the NRHP eligibility of the resources identified within the APE, then USACE shall obtain assistance from the SOI pursuant to 36 C.F.R. Part 63.

   The report of finding and state site forms will follow the guidelines and requirements specified in 36 C.F.R. §800.11, the SOI's Standards and Guidelines (48 F.R. 44716-44740) and the *North Carolina Office of State Archaeology: Archaeological Investigation Standards and Guidelines.* These investigations will be provided under a separate cover from the above-ground structures.

D. Determinations Of Effect.

USACE will submit the draft reports of findings described in Stipulation III, B2 and C2 to consulting parties for a 30-day review and comment period. USACE, either within the report of findings or in a cover letter, shall make final determinations of effect to historic properties within the APE of the proposed undertaking, pursuant to 36 C.R.R.§800.4(d).

USACE shall make changes to the reports of findings based on comments received and then re-submit to consulting parties for another 30-day review.

If it is determined through this documentation and review that above-ground structures and archaeological resources listed in or eligible for the NRHP are within the APE of the proposed undertaking, then USACE shall notify consulting parties and either develop alternatives that avoid and/or minimize, and/or mitigate the effects of the proposed modifications to the historic properties or assess whether the undertaking is an adverse effect through additional consultation and documentation, as outlined in Stipulation III E below.

E. Assessment of Adverse Effects.

If needed, USACE will prepare an assessment of adverse effect for the proposed modifications to all above-ground structures and archaeological resources listed on or eligible for the NRHP and within the APE. All historic properties will be addressed under a single cover and apply the criteria of adverse effect found in 36 C.F.R. §800.5(a)(1). The assessment shall meet the documentation standards set forth by 36 C.F.R. §800.11(e) and shall make a formal determination of adverse effect to historic properties within the APE, pursuant to 36 C.F.R. §800.5(d), either within the assessment or a cover letter.

The assessment and any supporting documents will be submitted to consulting parties for a thirty (30) calendar day review from the date of receipt. USACE will make changes to the assessment based on comments received and then re-submit to consulting parties for another 30-day review.

USACE will also continue to work with consulting parties in the development of alternatives that avoid, minimize and/or mitigate adverse effects to above-ground structures and archaeological resources listed on or eligible for the NRHP. If adverse effects are unavoidable, then USACE will seek to resolve them through the process outlined in Stipulation III F below.

F. Resolution of Adverse Effects.

USACE will follow the process described in 36 C.F.R. §800.6 to resolve adverse effects for the proposed modifications to above-ground structures and archaeological resources eligible for listing to the NRHP and within the APE. This process will include:

1. Notification and invitation of the Council to participate in the consultation process.
2. Continued involvement of consulting parties in development of alternatives to avoid, minimize and mitigate adverse effects to historic properties.
3. Submission of documentation required under 36 C.F.R. §800.11(e).
4. A plan to involve the public in the consultation process.

Alternatives, best practices and/or activities identified by consulting parties to avoid, minimize, and/or mitigate adverse effects of the proposed modifications to above-ground

structures and archaeological resources will be captured within a memorandum of agreement (MOA). The MOA may cover a single historic property or several if they are identified as a historic district. Appropriate and relevant avoidance, minimization and/or mitigation efforts memorialized within the MOA will be developed in consultation with the SHPO and other participating consulting parties.

Signatories for the MOA will include USACE, NC SHPO, the affected property owners, and the Council (if requested). The NFS will also be offered an opportunity to be an invited signatory to the MOA.

A draft version of the MOA will be provided to signatories for review and comment prior to its implementation. USACE shall make changes to the MOA based on comments received and then re-submit to consulting parties for another 30-day review. Once the language within the MOA is finalized, the MOA will be circulated for signature to the NC SHPO, Council (if needed), invited signatories and concurring parties.
Upon receipt of signatures from USACE, NC SHPO, and Council (if needed) the mitigation measure within the MOA can be executed and the adverse effect to the historic property (-ies) by the proposed undertaking shall be considered resolved per 36 C.F.R. §800.6(b). Copies of the signed MOAs will be provided to the signatories upon completion. USACE shall then ensure that undertaking is carried out in accordance with the MOA.

III. PROTECTION OF CONFIDENTIAL INFORMATION

Consistent with Section 304 of the NHPA (54 U.S.C. § 307103), 36 C.F.R. § 800.11(c), and related North Carolina State laws, information created from this PA and undertaking will be treated as confidential for the duration of the undertaking by all consulting parties and signatories, and shall not to be released to any person, business, organization, or government agency that is not a party to this PA. In special situations determined by the agency, USACE may require data sharing agreements with consulting parties and signatories as a condition for the release of this information.

Historic properties and sacred sites that may have traditional religious and cultural significance to Tribes will be respected and remain confidential.

IV. PUBLIC INVOLVEMENT AND OUTREACH

USACE shall inform the public of this PA and its contents through USACE's website. Sensitive information will be withheld from the public in accordance with Stipulation IV above.

V. UNANTICIPATED DISCOVERIES AND HUMAN REMAINS

A. If cultural resources, not identified as an above-ground structure or an archaeological resource, are discovered during implementation of the proposed undertaking, USACE will cease all work within a vicinity of the discovery and implement reasonable measures that avoid, minimize and/or mitigate effects to the resource. Until a formal evaluation can be made of the cultural resource, they will be treated as a historic property eligible for listing to the NRHP.

B. USACE will notify the consulting parties in writing within 48 hours of the discovery and request their participation to consult under 36 C.F.R. § 800.13, Post Review Discoveries. At minimum, the notification will include a description of the discovery, the events leading to the discovery, the steps being taken to avoid further damage to the discovery, anticipated effort to document and evaluate the discovery's historic significant and a list of consulting parties.

C. USACE will then evaluate the historic significance and the NHRP eligibility of the discovery, providing documentation in a letter report to consulting parties for a 30-day review and comment period. The following conditions will guide subsequent conditions in this process:

1. If the discovery is determined ineligible for the listing to the NRHP, then construction activities within the area of the discovery is permitted to continue within fourteen (14) calendar days from the date of the determination.
2. If it is determined that the cultural resource is eligible for listing to the NRHP, then the suspension of work will continue. USACE and consulting parties will determine the best course of action needed to avoid, minimize and/or mitigate adverse effects to the discovery.

3. If there is a disagreement on the appropriate course of action to address an unanticipated discovery or effects to an unanticipated discovery, then USACE shall initiate the dispute resolution process set forth in Stipulation VIII.

D. Procedures guiding the discovery of human remains and associated burial items will generally follow Stipulation VI A-C above. The North Carolina Commission of Indian Affairs and all Tribes with ancestral ties to the APE will be added as consulting parties for the discovery. No photographs or scientific analysis beyond the identification of the remains will be permitted. The treatment of these remains and associated items shall be guided by the ACHP *Policy Statement Regarding Treatment of Burial Sites, Human Remains, and Funerary Objects,* National Historic Preservation Act and its regulatory guidance (36 C.F.R. Part 800), U.S. Army Corps of Engineers, Policy Guidance Letter No. 57 (1998) Indian Sovereignty and Government-to-Government Relations with Indian

Tribes and North Carolina General Statute Chapter 70, Article 3 *Unmarked Human Burial and Human Skeletal Remains Protection Act*.

E. The following language shall be included in construction plans and specifications related to the proposed undertaking:

> "If human remains, suspected human remains, or indications of a burial and/or any unidentified and unanticipated cultural resource are discovered during the construction phase of the undertaking - including but not limited to archaeological sites, standing structures, properties of traditional religious and cultural significance to the Native American Tribes – the individual(s) who made the discovery shall immediately secure the vicinity and make a reasonable effort to avoid or minimize harm to the discovery, and notify the project's construction representative, Contracting Officer's Representative (COR) and USACE's cultural resources representative. If suspected human remains are discovered the individual must also notify local law enforcement, coroner/medical examiner, and the State Archaeologist. All activities shall cease within a minimum of 50-feet from the inadvertent discovery (50-foot radius 'no-work' buffer) until authorized by USACE."

VI. REPORTING REQUIREMENTS FOR THIS AGREEMENT

USACE shall provide signatories of this PA an annual summary report of the work undertaken pursuant to this PA. This report will include scheduling changes, problems encountered, work completed, activities completed, and any objections and/or disputes received by USACE. The report shall be in memorandum format and continue until the undertaking is completed and/or the PA expires or is terminated, or authorization to complete the undertaking is rescinded.

VII. DISPUTE RESOLUTION FOR THIS AGREEMENT

The following procedures shall be used to resolve disputes among signatories regarding the implementation of this PA.

A. Should any signatory to this PA object within thirty (30) days to any action proposed or any document provided for review, USACE will consult with the objecting signatory to resolve the objection.

B. If USACE determines that the objection cannot be resolved within forty-five (45) days, USACE will forward all documentation relevant to the dispute to the Council and request their recommendations or request the comments of the Council.

C. The Council shall provide USACE input on the resolution of the objection within thirty (30) calendar days of receiving adequate documentation. Any Council recommendations or comments provided in response will be considered in accordance with 36 C.F.R. § 800.7(c), with reference only to the subject of the dispute. USACE will respond to the

Council's recommendations or comments indicating how they were considered prior to proceeding with the undertaking activities that are the subject to dispute. Responsibility to carry out all other Stipulations in this PA that are not the subject of the dispute will remain unchanged.

D. If the Council does not provide its advice regarding the dispute within the thirty (30) calendar days, USACE may make a final decision on the dispute and proceed accordingly. Prior to reaching such a final decision, USACE will prepare a written response that considers any timely comments regarding the dispute from the signatories to the PA and provide the signatories and the Council with a copy of such written response.

VIII. WITHDRAWAL AND TERMINATION

A. Any signatory may withdraw its participation to this PA through written notification to all signatories. The withdrawal will become effective thirty (30) calendar days after the written notification. The PA will remain in effect for the remaining signatories.

B. Any signatory may request a termination of the PA through written notification to all signatories. If agreed upon by the signatories, the PA will be terminated within thirty (30) days of the written notification.

C. In the event of a termination of the PA, USACE will be required to comply with Section 106 of the NHPA through the process outlined in Subpart B of 36 C.F.R. Part 800 on individual undertakings covered by this PA.

IX. DURATION AND SUNSET CLAUSE

A. This PA shall become effective as of the date of the signature of the last signatory to sign.

B. Unless extended by amendment in accordance with Stipulation XI, this PA shall continue for a period of ten years or until one of the following circumstances occur:

1. The proposed undertaking is completed, and all terms are met, or
2. The proposed undertaking is terminated, or
3. An authorization to complete the undertaking is rescinded.

X. AMENDMENT

A. This PA can be amended with written approval of the signatories.

B. The amendments will be in effect on the date the amended agreement is filed with the Council.

XI. EXECUTION IN COUNTERPARTS

A. Completion of this PA evidences that USACE has satisfied its responsibilities under Section 106 of the NHPA for the proposed undertaking.

B. This PA may be executed in counterparts.

XII. ANTI-DEFICIENCY ACT

All requirements set forth in this PA requiring expenditure of funds by USACE are expressly subject to the availability of appropriations and the requirements of the Anti-Deficiency Act (Pub. L. 97-258, 96 Stat. 923). No obligation undertaken by USACE under the terms of this PA shall require or be interpreted to require a commitment to extend funds not appropriated for a particular purpose. If USACE cannot perform any obligation set forth in this PA because of unavailability of funds, that obligation must be renegotiated among USACE and the signatories as necessary.

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REGARDING
THE TAR-PAMLICO RIVER BASIN FLOOD RISK MANAGEMENT PROJECT

SIGNATORY

U.S. Army Corps of Engineers, Wilmington District

June 6, 2024

Brad A. Morgan, P.E.
Colonel, U.S. Army
District Commander

Date

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SIGNATORY

North Carolina State Historic Preservation Office

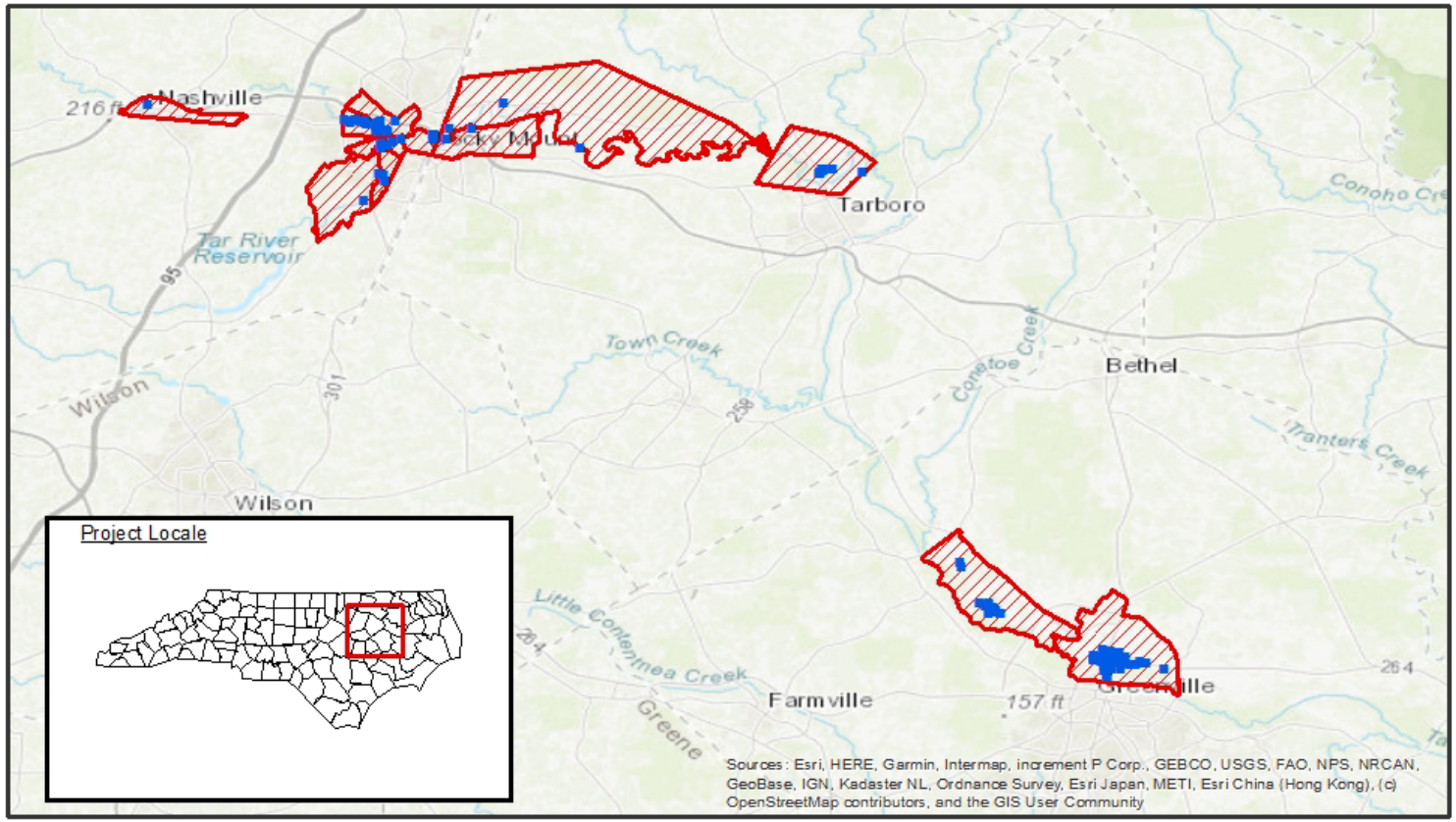
_____ 5/13/2024

Dr. Darin Waters
State Historic Preservation Officer
North Carolina Department of Natural and Cultural Resources

Date

Appendix A

Area of Potential Effects



Tar-Pamlico River Basin Flood Risk Management Study Area

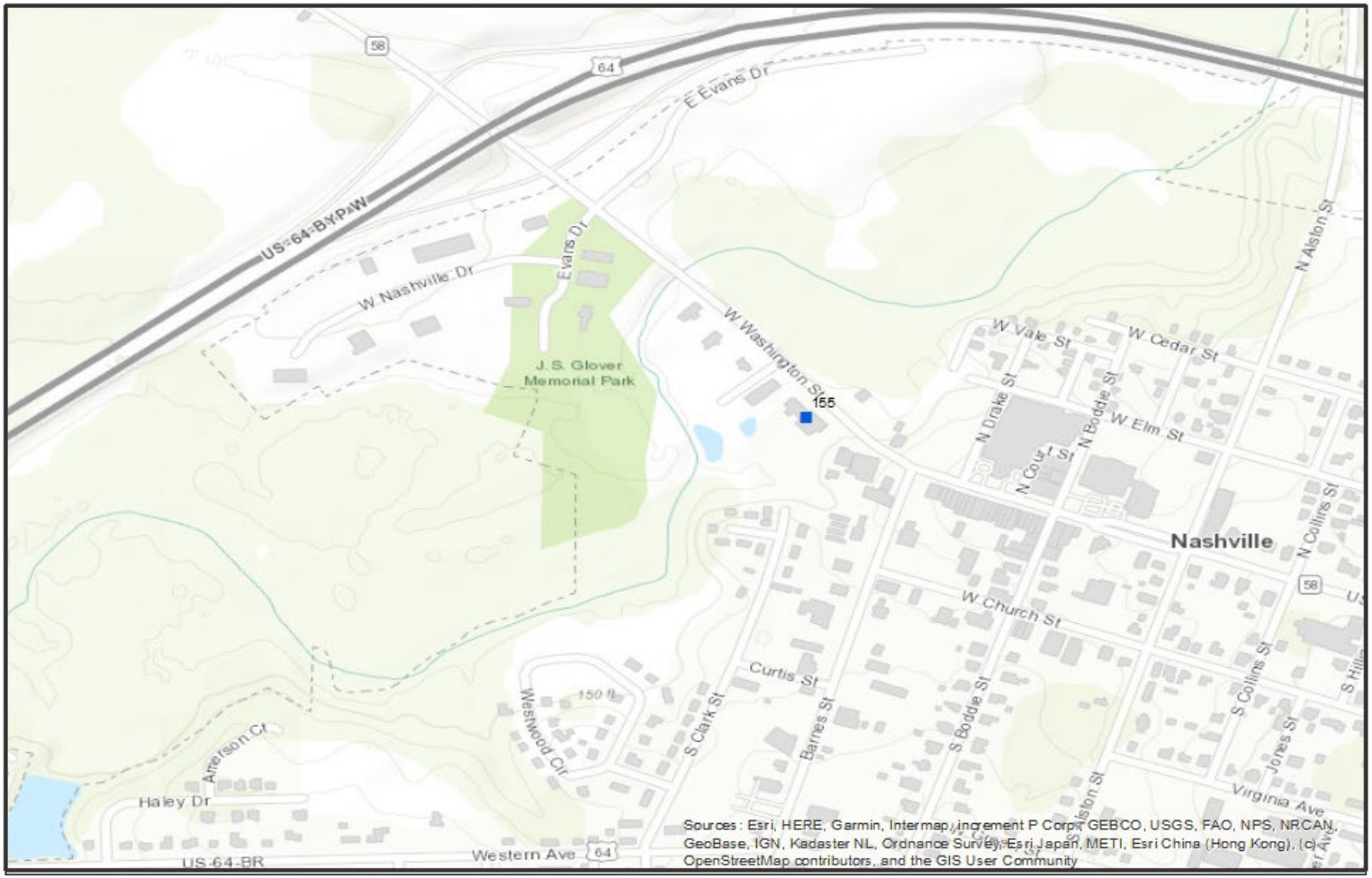
Edgecombe, Nash, and Pitt Counties
North Carolina

Structures proposed to be modified

Area of Potential Effects

Kilometers

0 2 4 8 12 16



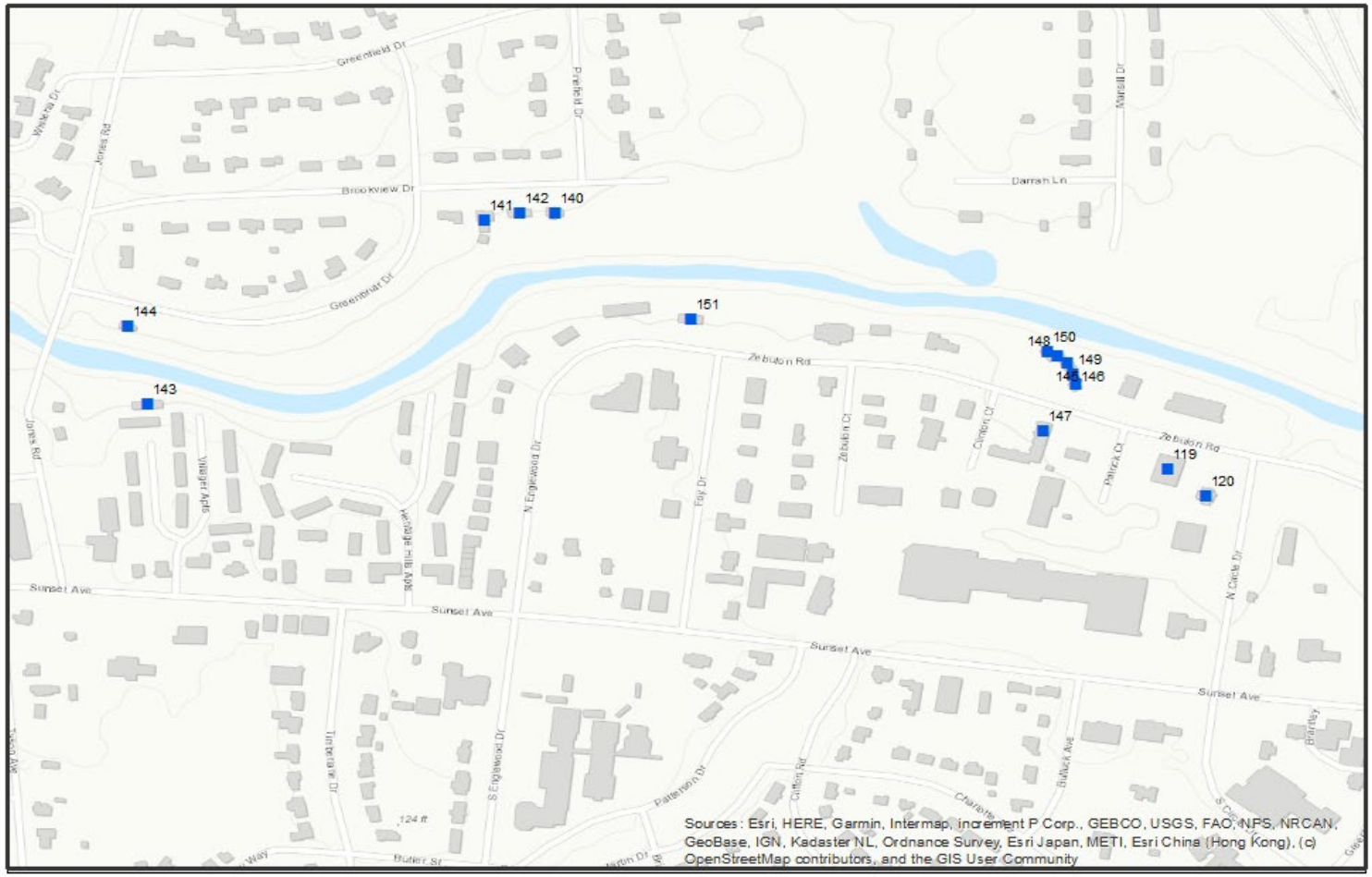
Tar-Pamlico River Basin Flood Risk Management Study Area

Nash County

Structures proposed to be modified

0 0.055 0.11 0.165 0.22 Miles

N



Tar-Pamlico River Basin Flood Risk Management Study Area

Nash County

Structures proposed to be modified

0 0.02 0.04 0.08 0.12 0.16 Miles

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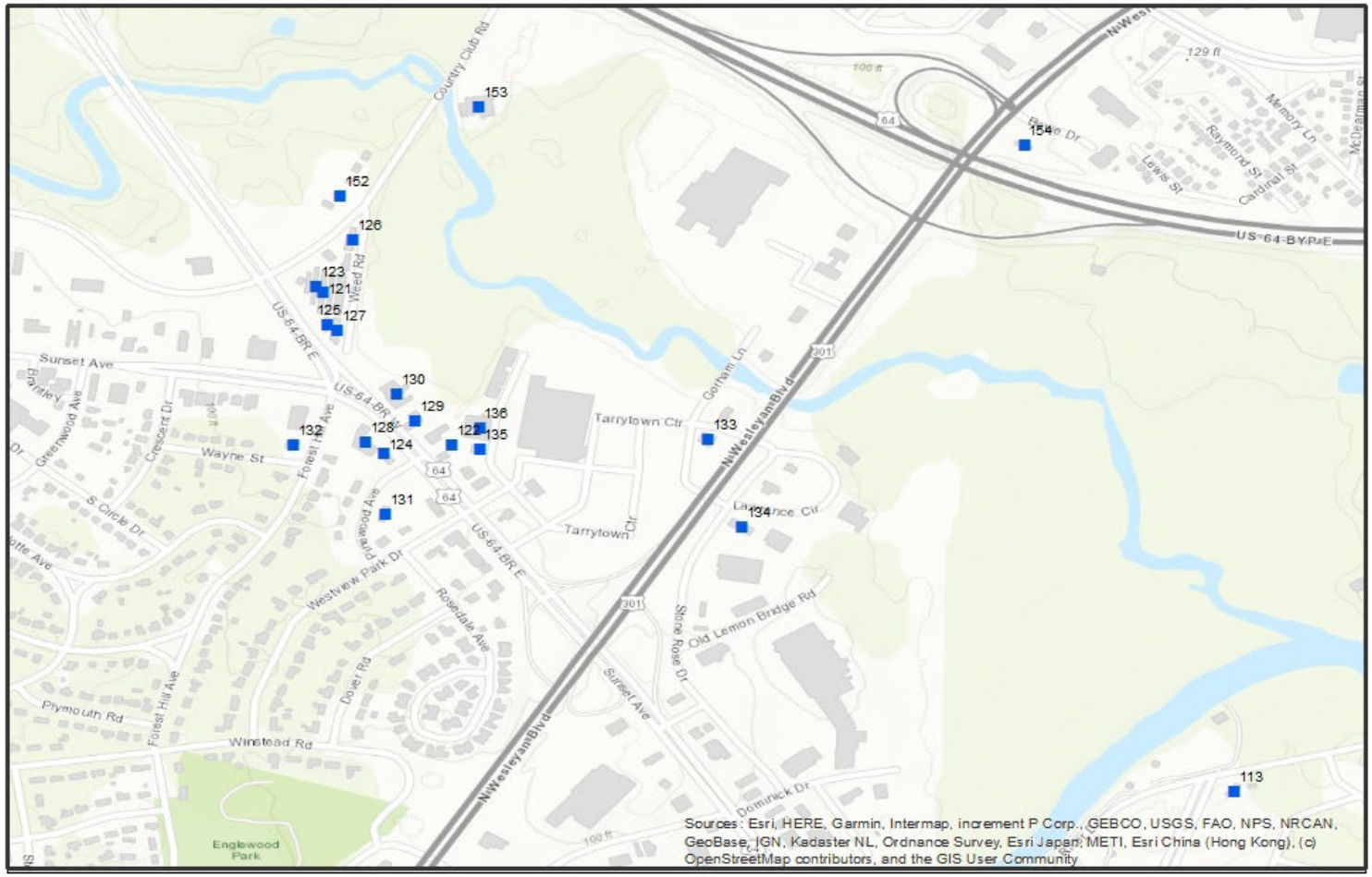


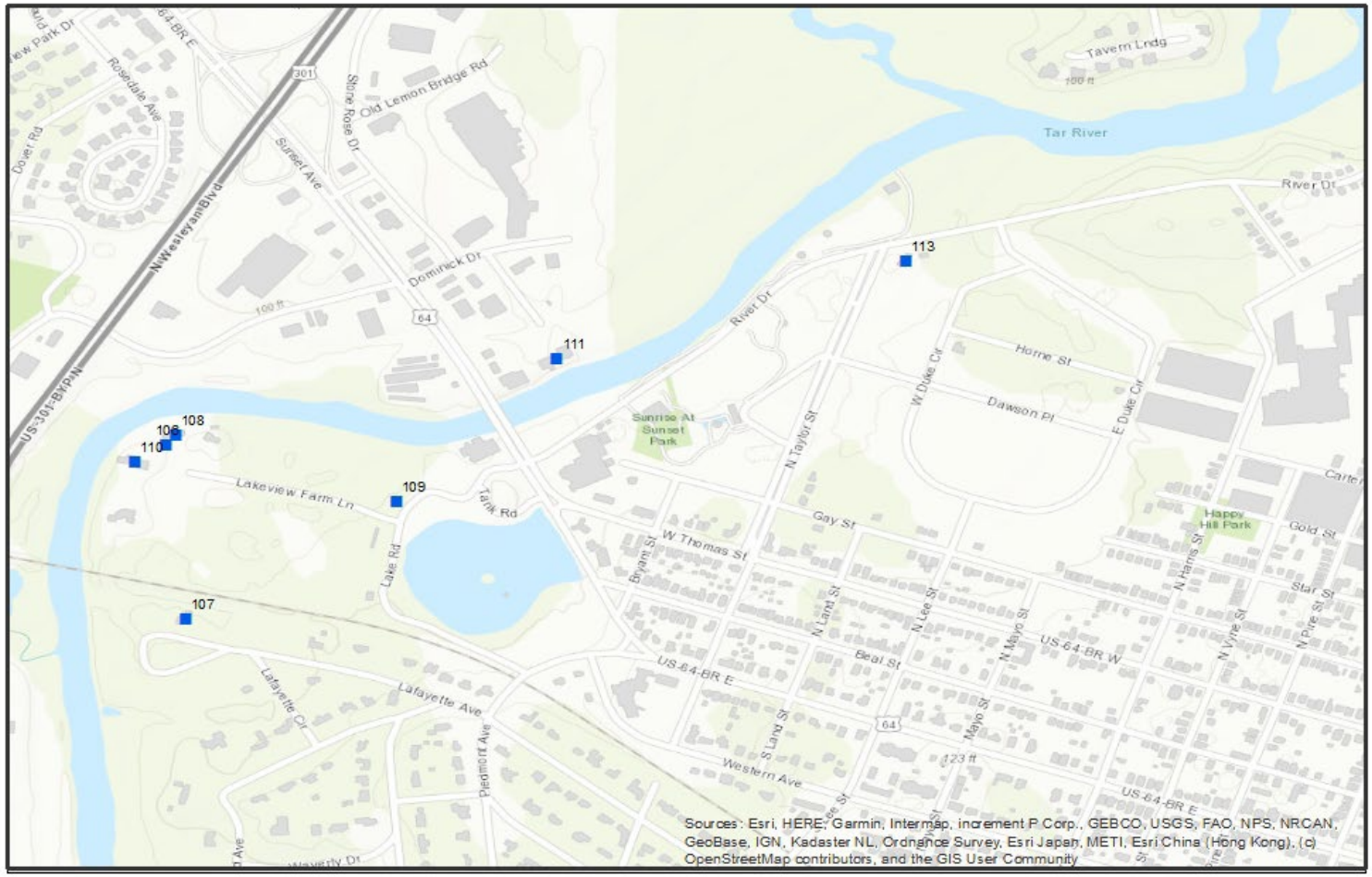
Tar-Pamlico River Basin Flood Risk Management Study Area

Nash County

Structures proposed to be modified

0 0.03 0.065 0.13 0.195 0.26 Miles

N



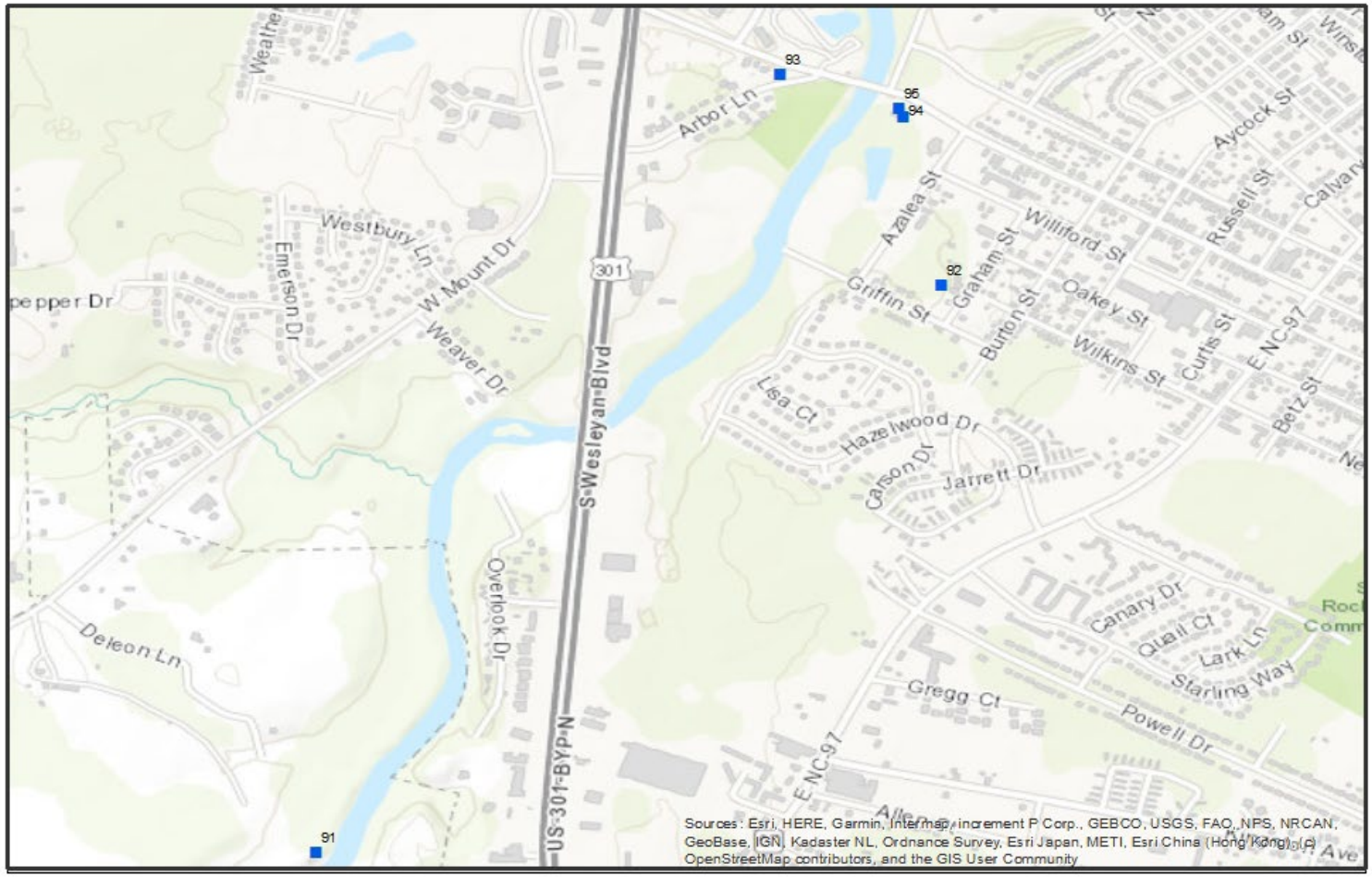
Tar-Pamlico River Basin Flood Risk Management Study Area

Nash County

Structures proposed to be modified

0 0.03 0.065 0.13 0.195 0.26 Miles

N



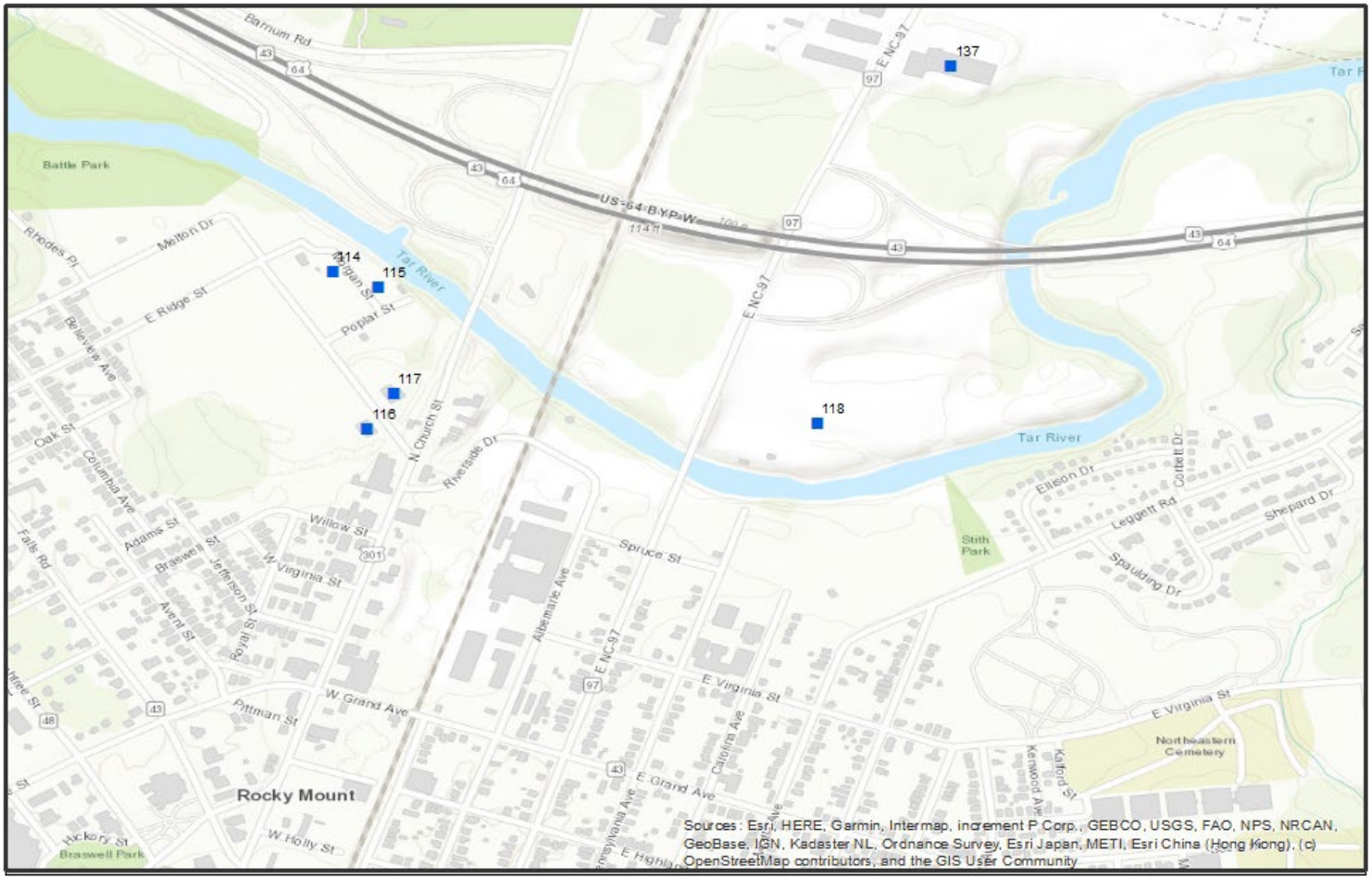
Tar-Pamlico River Basin Flood Risk Management Study Area

Nash County

Structures proposed to be modified

0 0.04 0.085 0.17 0.255 0.34 Miles

N



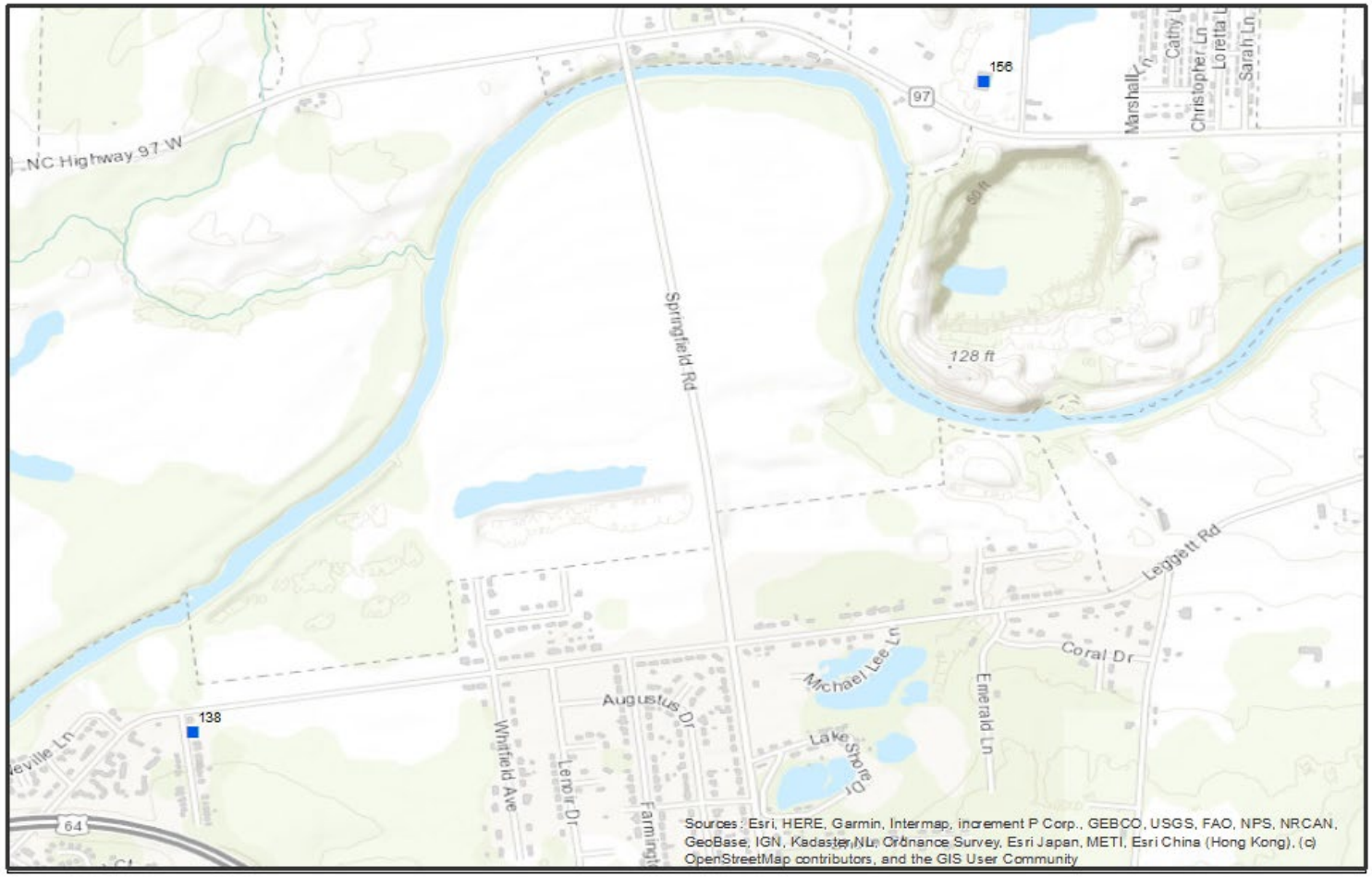
Tar-Pamlico River Basin Flood Risk Management Study Area

Nash and Edgecombe Counties

Structures proposed to be modified

0 0.03 0.065 0.13 0.195 0.26 Miles

N



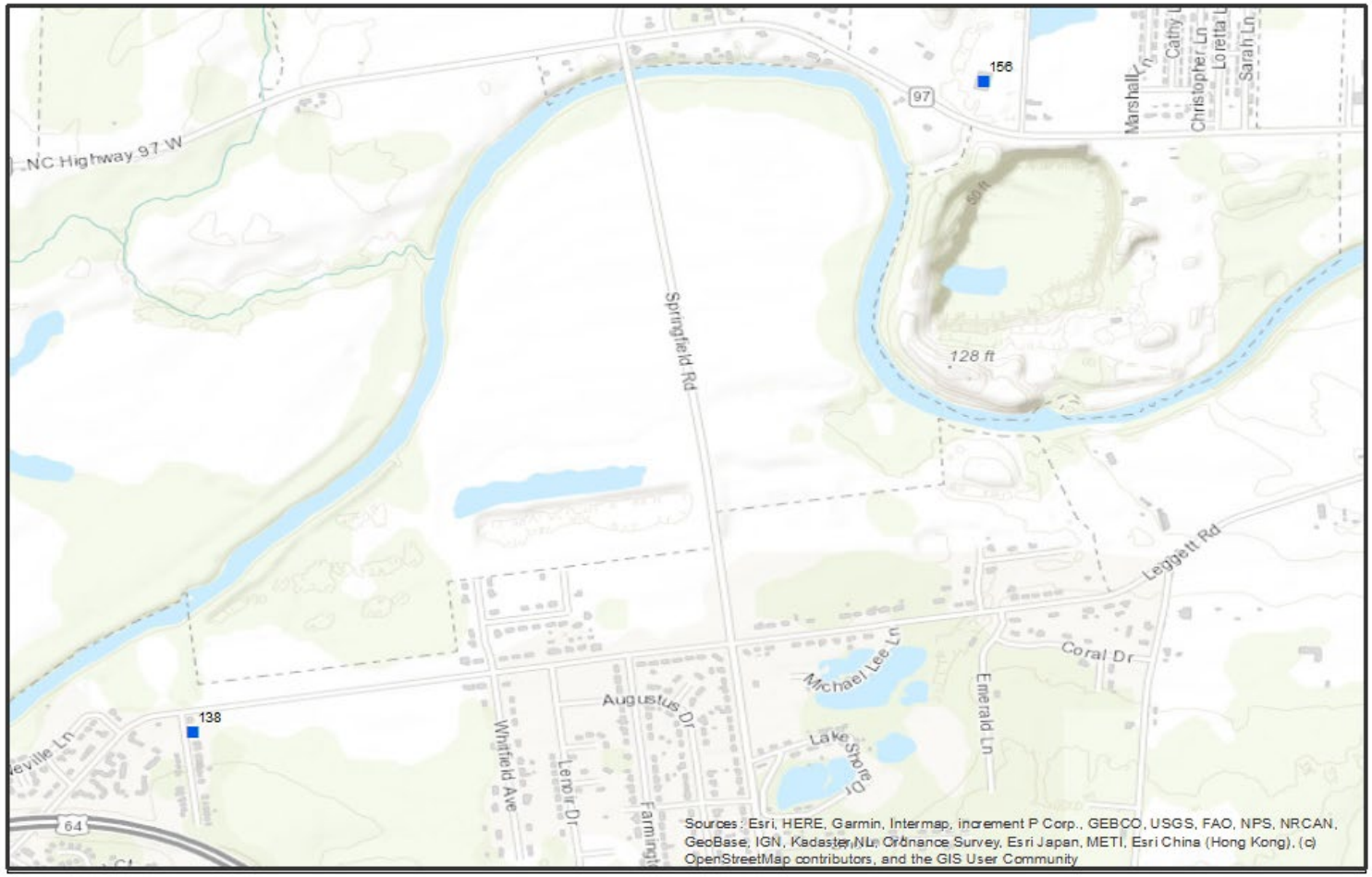
Tar-Pamlico River Basin Flood Risk Management Study Area

Edgecombe County

Structures proposed to be modified

0 0.05 0.1 0.2 0.3 0.4 Miles

N



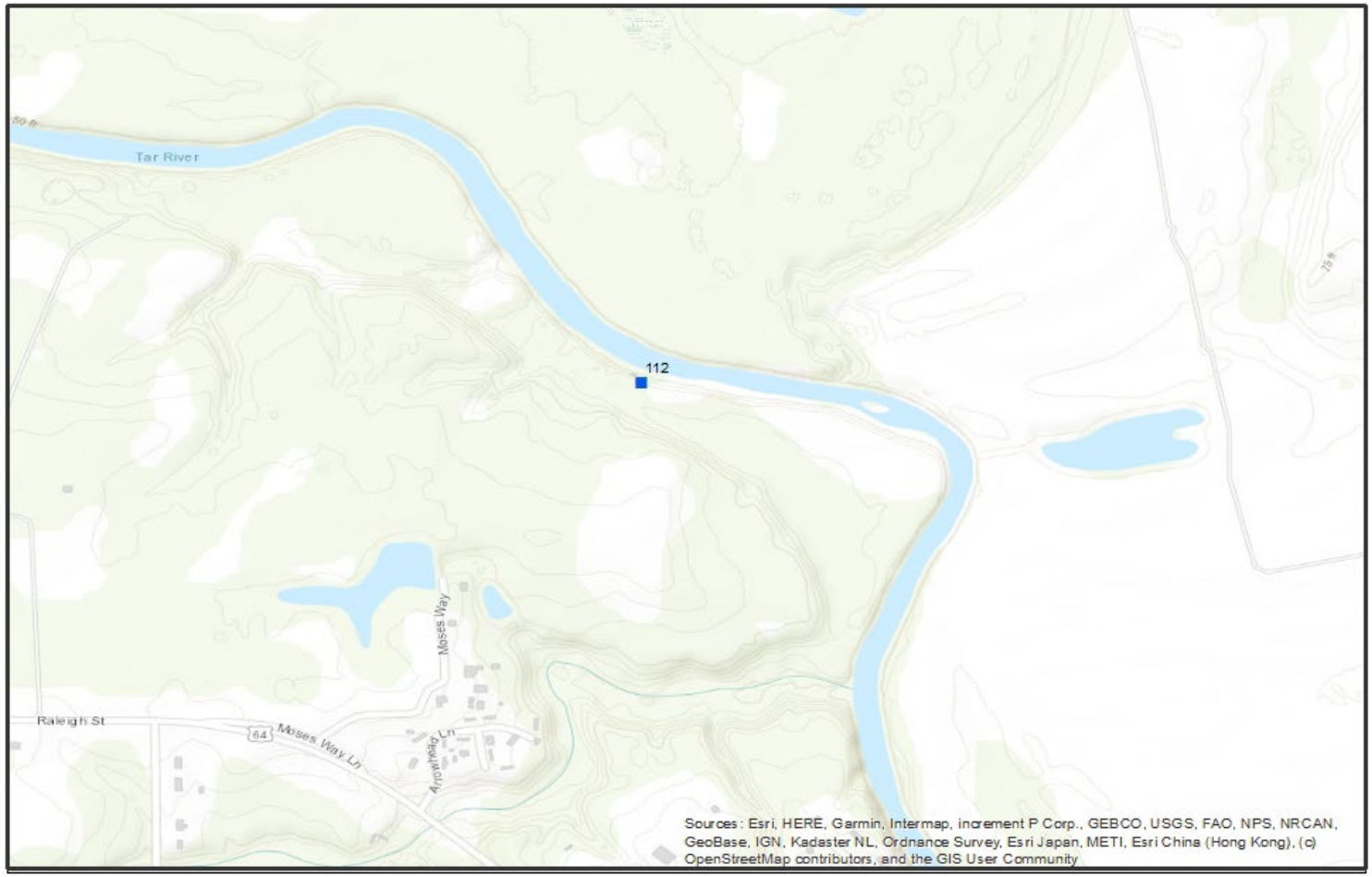
Tar-Pamlico River Basin Flood Risk Management Study Area

Edgecombe County

Structures proposed to be modified

0 0.05 0.1 0.2 0.3 0.4 Miles

N



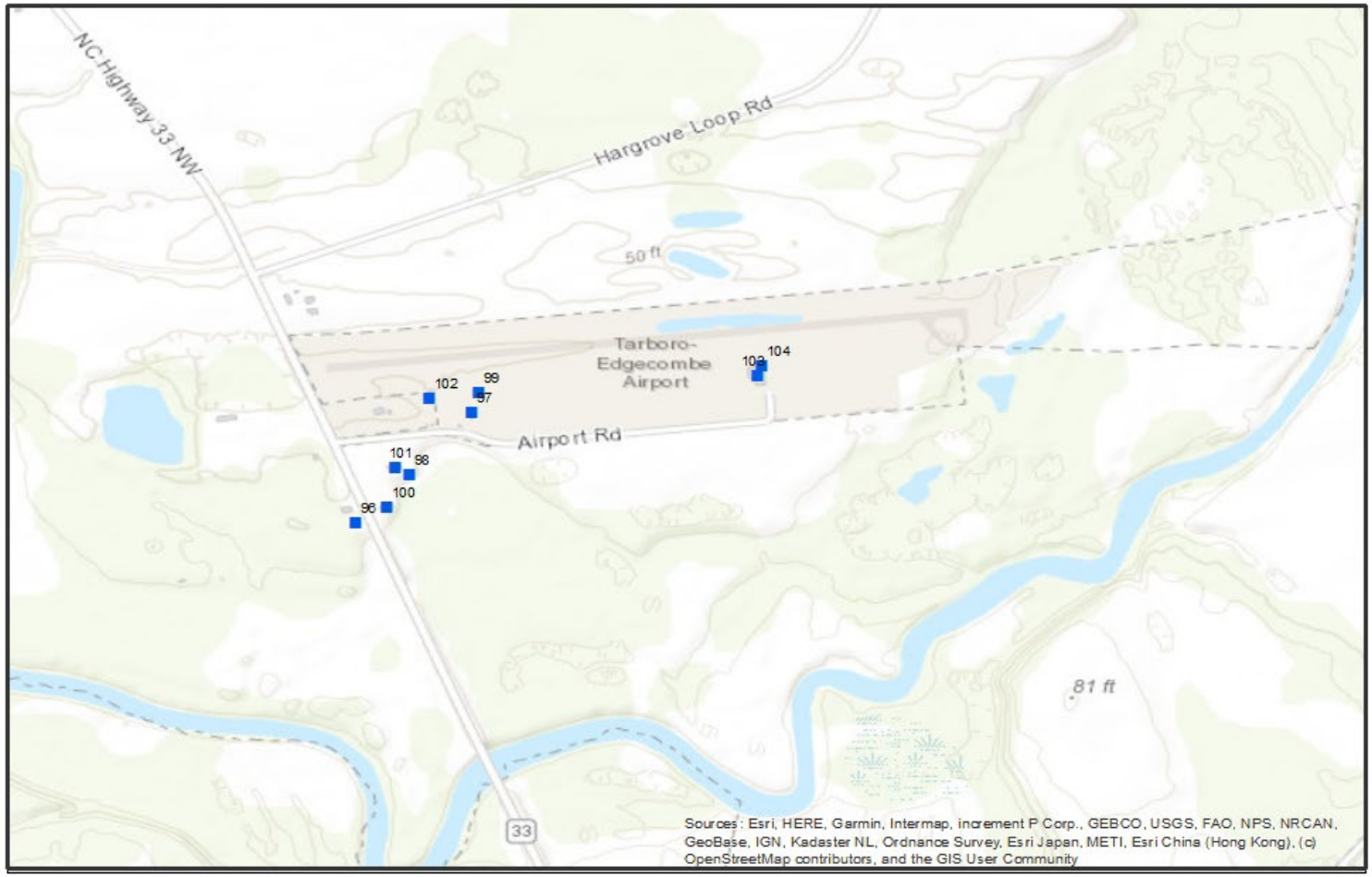
Tar-Pamlico River Basin Flood Risk Management Study Area

Edgecombe County

Structures proposed to be modified

0 0.03 0.065 0.13 0.195 0.26 Miles

N



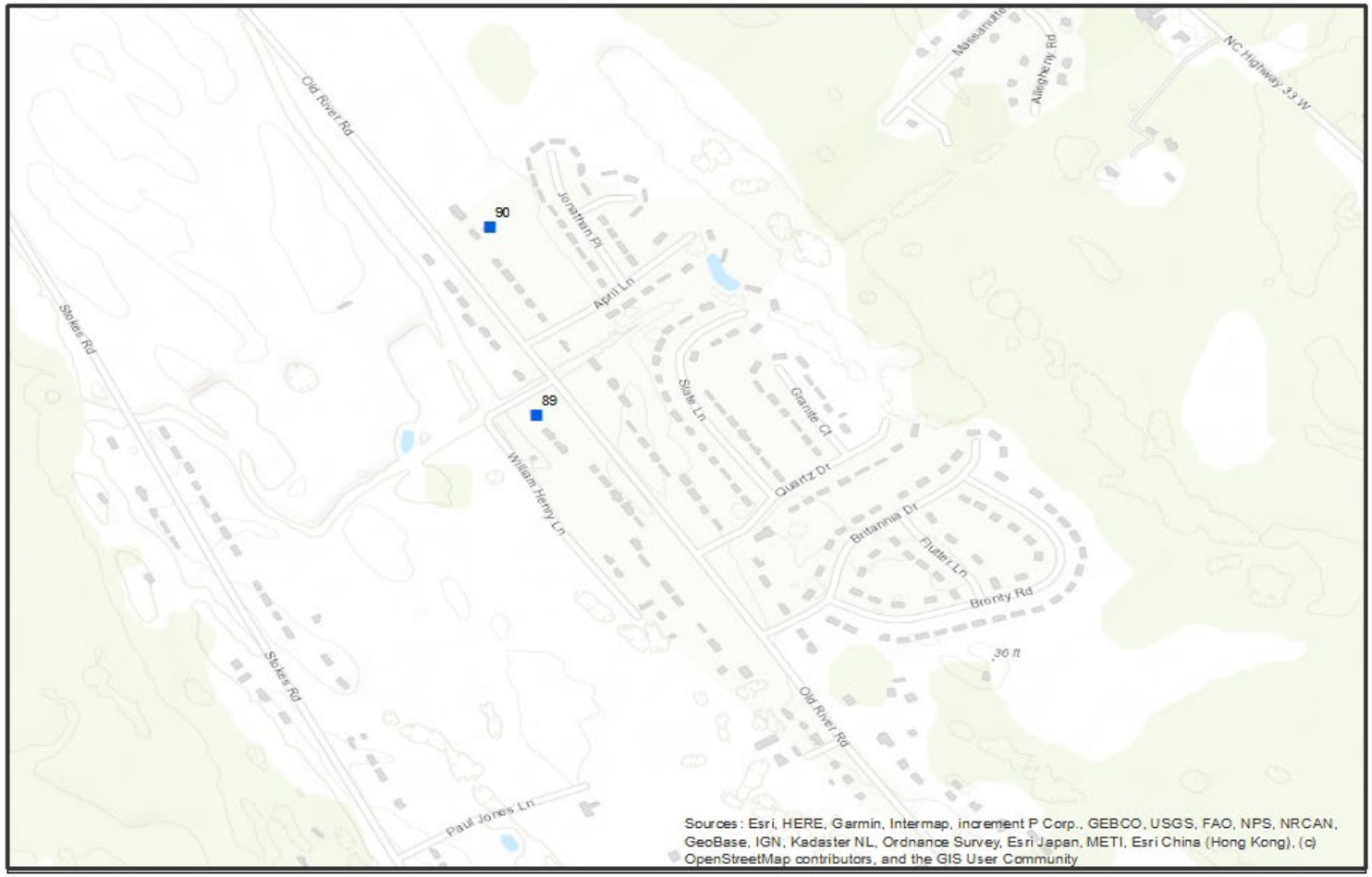
Tar-Pamlico River Basin Flood Risk Management Study Area

Edgecombe County

Structures proposed to be modified

0 0.042 0.085 0.17 0.255 0.34 Miles

N



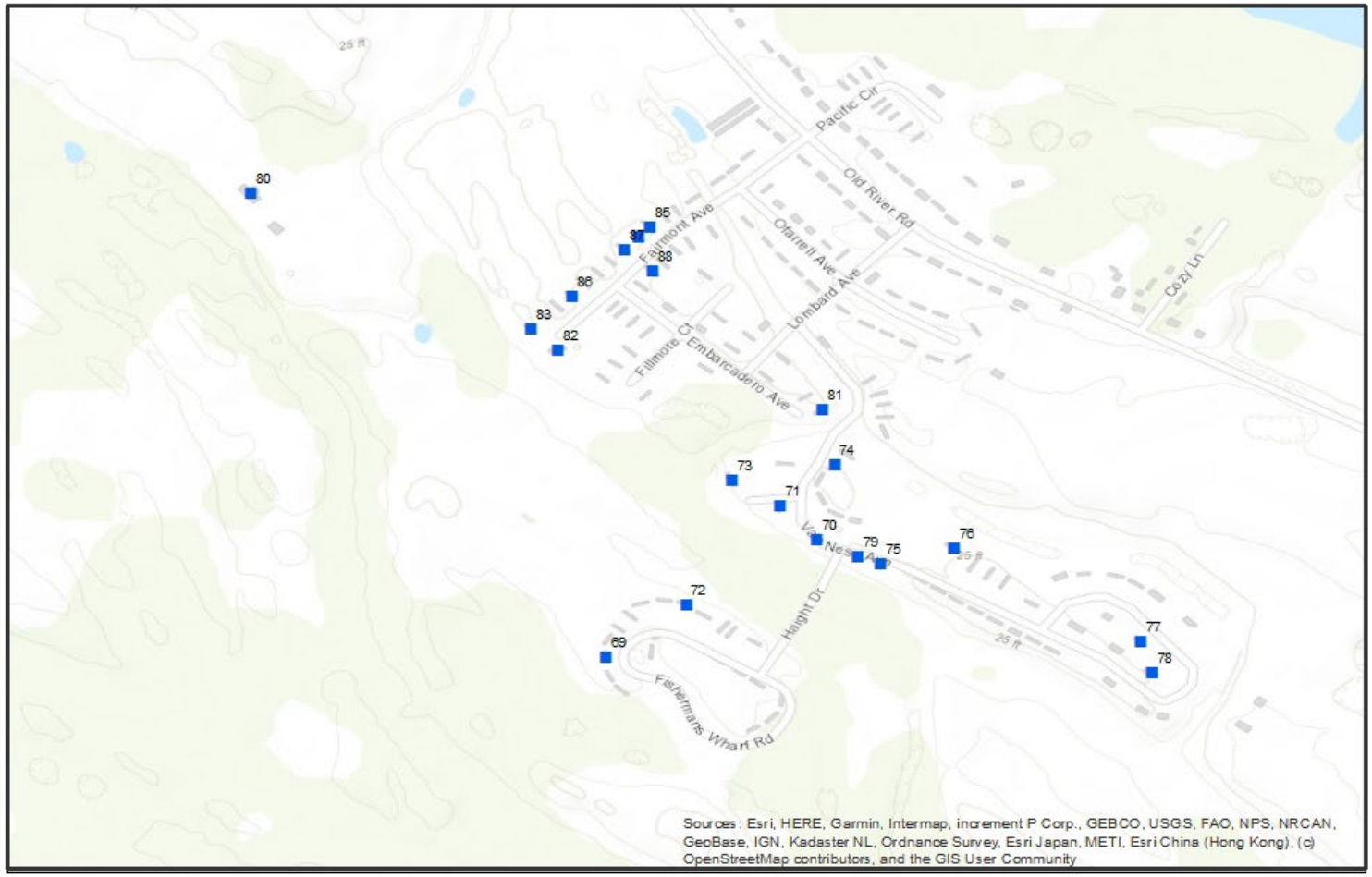
Tar-Pamlico River Basin Flood Risk Management Study Area

Pitt County

Structures proposed to be modified

0 0.03 0.065 0.13 0.195 0.26 Miles

N



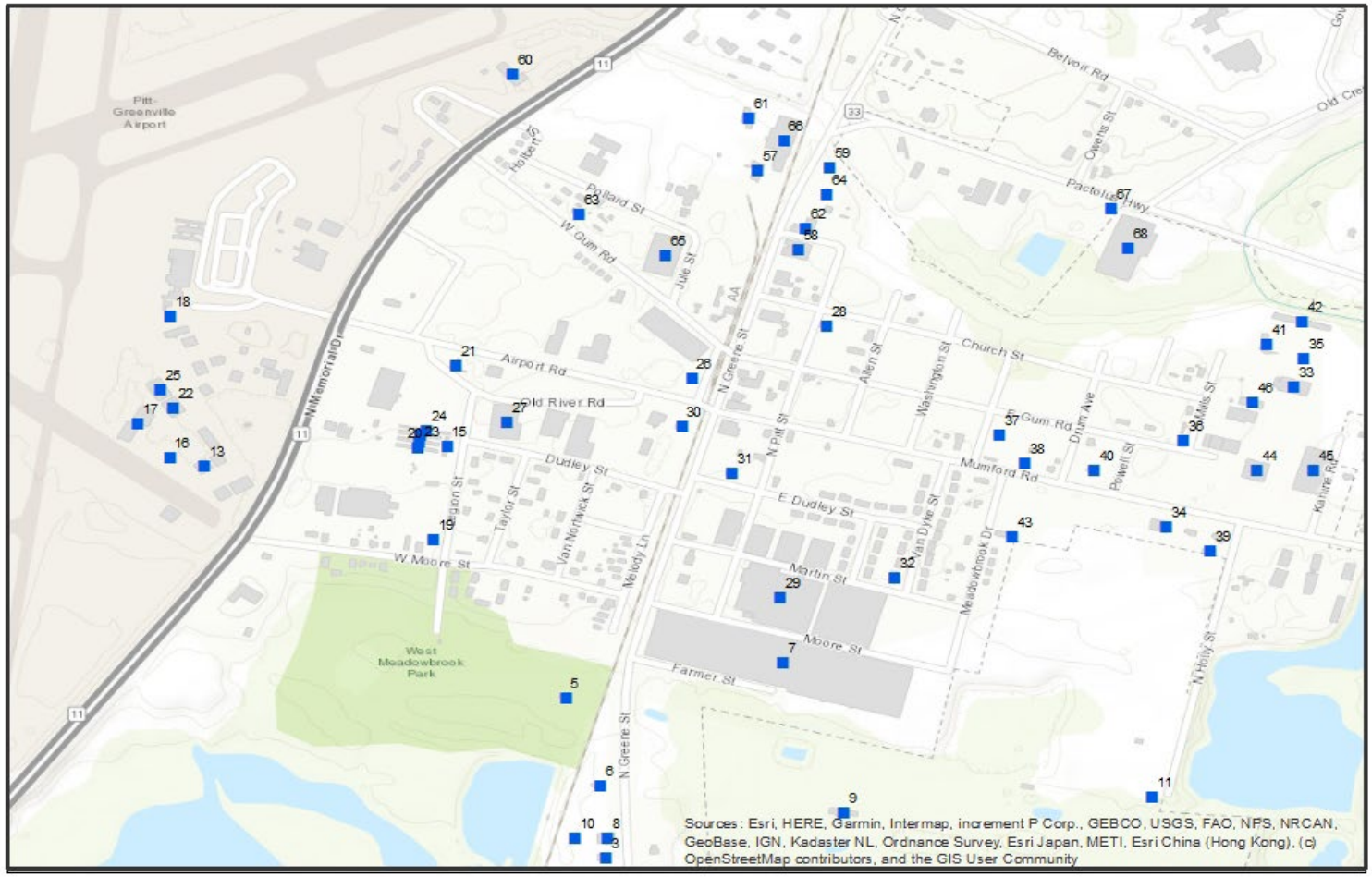
Tar-Pamlico River Basin Flood Risk Management Study Area

Pitt County

Structures proposed to be modified

0 0.030.06 0.12 0.18 0.24 Miles

N



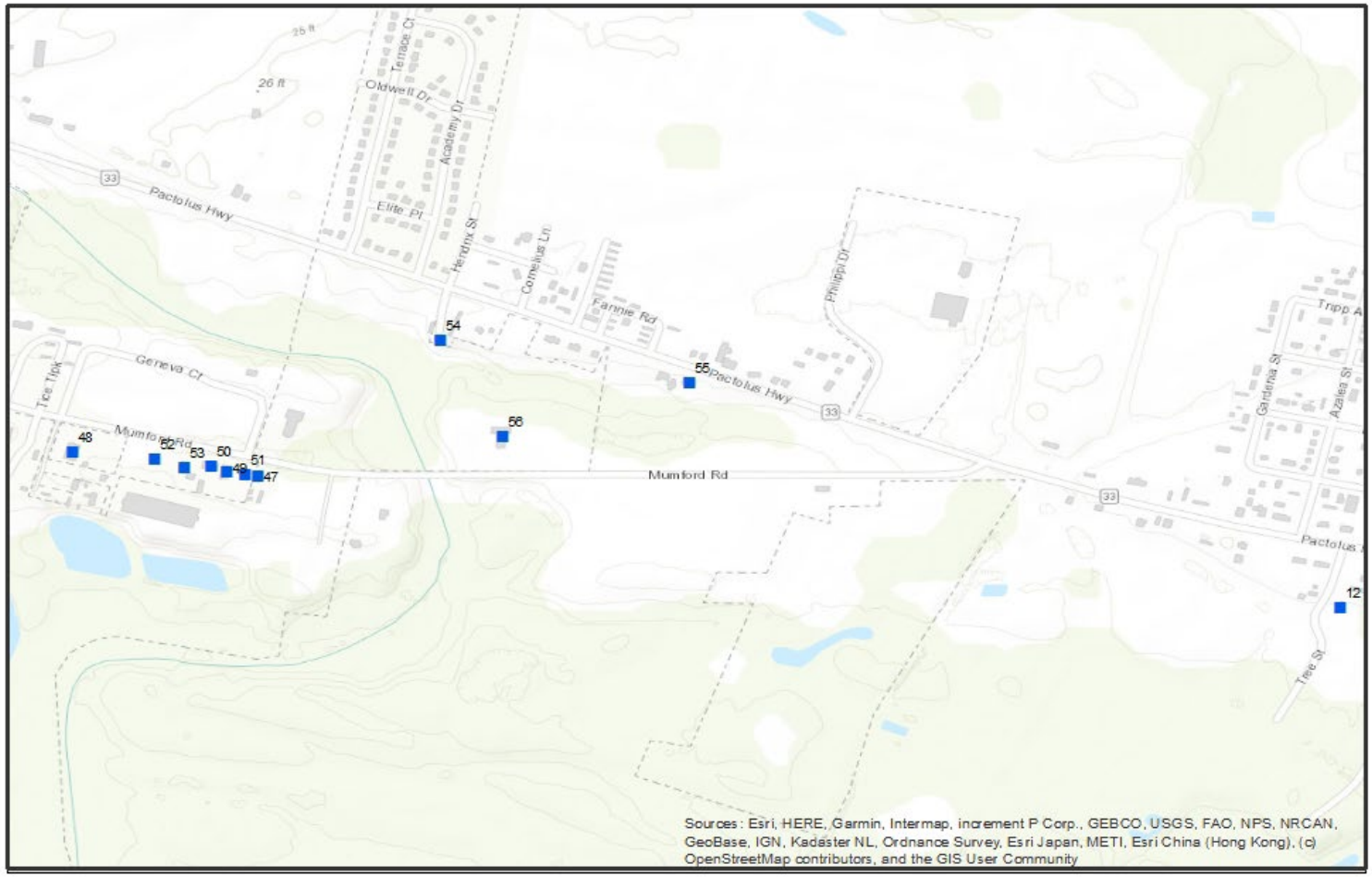
Tar-Pamlico River Basin Flood Risk Management Study Area

Pitt County

Structures proposed to be modified

0 0.03 0.065 0.13 0.195 0.26 Miles

N



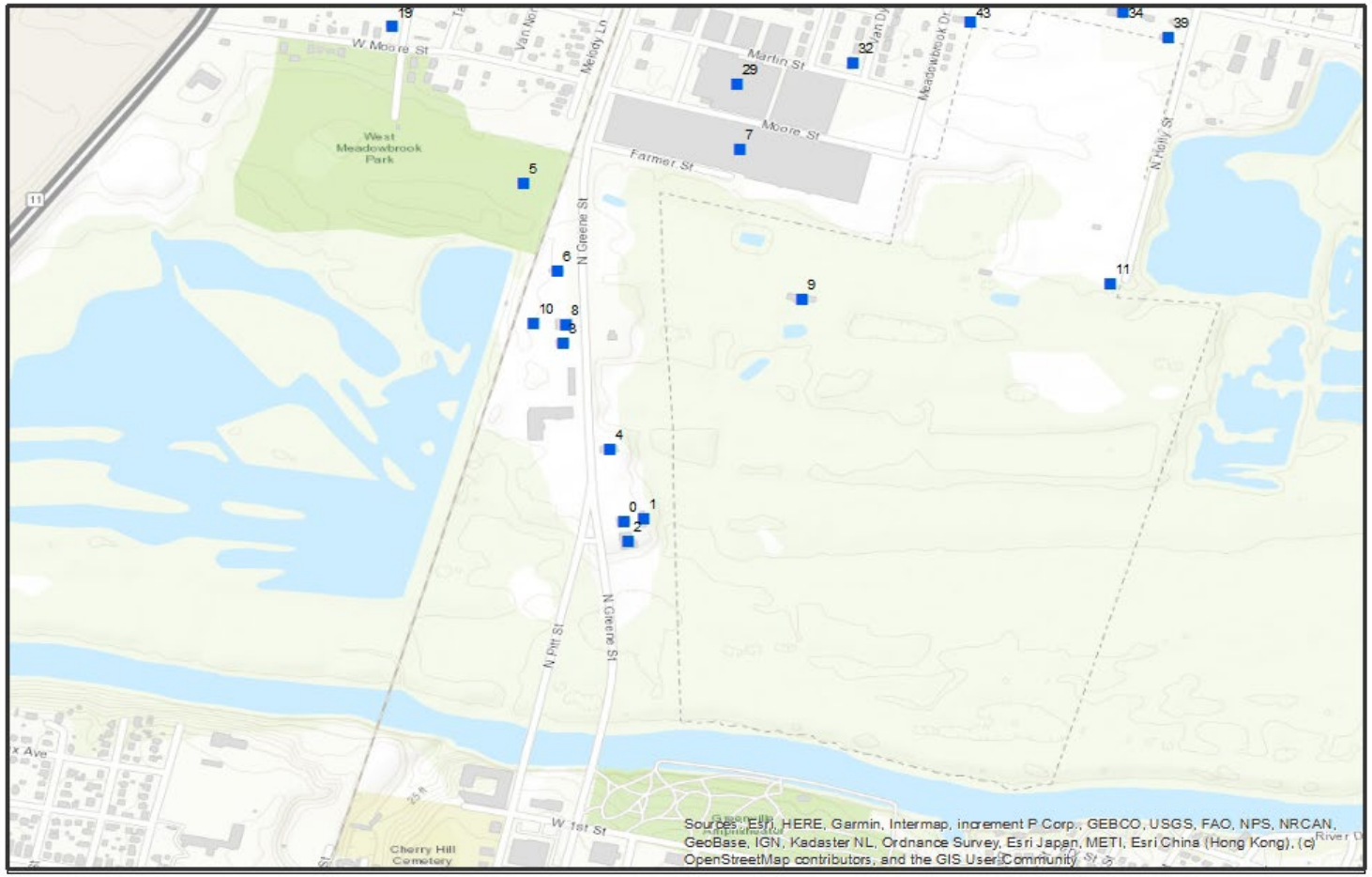
Tar-Pamlico River Basin Flood Risk Management Study Area

Pitt County

Structures proposed to be modified

0 0.03 0.065 0.13 0.195 0.26 Miles

N



Tar-Pamlico River Basin Flood Risk Management Study Area

Pitt County

Structures proposed to be modified

0 0.0325 0.065 0.13 0.195 0.26 Miles

N

Appendix B

Structures proposed to be modified.

Structures in this table identified as potentially suitable for nonstructural measures. However additional structure-specific analysis will need to be conducted to determine final suitability during the second phase of this undertaking, which will occur at a later date if a project is authorized by Congress following Study completion.

ID	Address	County	Structure Type	Year Construction	45+ years	NRHP Eligibility	Proposed Non-Structural Measure
0	402 N Greene St	Pitt	Commercial	1983	No	Unevaluated	Dry Floodproof
1	402 N Greene St	Pitt	Commercial	1983	No	Unevaluated	Dry Floodproof
2	400 N Greene St	Pitt	Commercial	1976	Yes	Unevaluated	Dry Floodproof
3	699 N Greene St	Pitt	Industrial	1972	Yes	Unevaluated	Dry Floodproof
4	500 N Greene St	Pitt	Commercial	2013	No	Unevaluated	Dry Floodproof
5	0 Legion St	Pitt	Commercial	Unknown	TBD	Unevaluated	Dry Floodproof
6	699 N Greene St	Pitt	Industrial	1972	Yes	Unevaluated	Dry Floodproof
7	900 N Greene St	Pitt	Industrial	1930	Yes	Unevaluated	Dry Floodproof
8	699 N Greene St	Pitt	Industrial	1972	Yes	Unevaluated	Dry Floodproof
9	700 N Greene St	Pitt	Industrial	1965	Yes	Unevaluated	Dry Floodproof
10	699 N Greene St	Pitt	Industrial	1972	Yes	Unevaluated	Dry Floodproof
11	1201 Holly St	Pitt	Utility	Unknown	TBD	Unevaluated	Dry Floodproof
12	2030 Pactolus Hwy	Pitt	Residential	Unknown	TBD	Unevaluated	Elevate
13	1105 N Memorial Dr	Pitt	Commercial	1967	Yes	Unevaluated	Dry Floodproof

ID	Address	County	Structure Type	Year Construction	45+ years	NRHP Eligibility	Proposed Non-Structural Measure
14	0 Legion St	Pitt	Commercial	1995	No	Unevaluated	Dry Floodproof
15	0 Legion St	Pitt	Commercial	1995	No	Unevaluated	Dry Floodproof
16	1105 N Memorial Dr	Pitt	Industrial	1967	Yes	Unevaluated	Dry Floodproof
17	1105 N Memorial Dr	Pitt	Utility	1967	Yes	Unevaluated	Dry Floodproof
18	1105 N Memorial Dr	Pitt	Utility	1967	Yes	Unevaluated	Dry Floodproof
19	1003 Legion St	Pitt	Residential	1985	No	Unevaluated	Elevate Flood Vent
20	0 Legion St	Pitt	Commercial	1995	No	Unevaluated	Dry Floodproof
21	311 Old River Rd	Pitt	Commercial	1981	No	Unevaluated	Dry Floodproof
22	1105 N Memorial Dr	Pitt	Industrial	1967	Yes	Unevaluated	Dry Floodproof
23	0 Legion St	Pitt	Commercial	1995	No	Unevaluated	Dry Floodproof
24	0 Legion St	Pitt	Commercial	1995	No	Unevaluated	Dry Floodproof
25	1105 N Memorial Dr	Pitt	Industrial	1967	Yes	Unevaluated	Dry Floodproof
26	1301 Melody Ln	Pitt	Utility	Unknown	TBD	Unevaluated	Dry Floodproof
27	234 W Dudley St	Pitt	Commercial	1978	Yes	Unevaluated	Dry Floodproof
28	1410 N Pitt St	Pitt	Residential	1930	Yes	Unevaluated	Elevate Flood Vent
29	1002 N PITT ST	Pitt	Industrial	1952	Yes	Unevaluated	Dry Floodproof
30	102 Airport Rd	Pitt	Commercial	1980	No	Unevaluated	Dry Floodproof
31	1200 N Greene St	Pitt	Commercial	1980	No	Unevaluated	Dry Floodproof

ID	Address	County	Structure Type	Year Construction	45+ years	NRHP Eligibility	Proposed Non-Structural Measure
32	400 Mumford Rd	Pitt	Residential	1966	Yes	Unevaluated	Elevate Flood Vent
33	801 Mumford Rd	Pitt	Industrial	1979	Yes	Unevaluated	Dry Floodproof
34	708 Mumford Rd	Pitt	Commercial	1987	No	Unevaluated	Dry Floodproof
35	801 Mumford Rd	Pitt	Industrial	1979	Yes	Unevaluated	Dry Floodproof
36	1401 Mill St	Pitt	Residential	2000	No	Unevaluated	Elevate
37	1310 Van Dyke St	Pitt	Residential	1953	Yes	Unevaluated	Elevate Flood Vent
38	507 Mumford Rd	Pitt	Residential	1958	Yes	Unevaluated	Elevate
39	716 Mumford Rd	Pitt	Residential	2000	No	Unevaluated	Elevate
40	601 Mumford Rd	Pitt	Residential	2000	No	Unevaluated	Elevate
41	801 Mumford Rd	Pitt	Industrial	1979	Yes	Unevaluated	Dry Floodproof
42	801 Mumford Rd	Pitt	Industrial	1979	Yes	Unevaluated	Dry Floodproof
43	1200 Meadowbrook Dr	Pitt	Industrial	1940	Yes	Unevaluated	Dry Floodproof
44	801 Mumford Rd	Pitt	Commercial	1979	Yes	Unevaluated	Dry Floodproof
45	801 Mumford Rd	Pitt	Industrial	1979	Yes	Unevaluated	Dry Floodproof
46	801 Mumford Rd	Pitt	Residential	1979	Yes	Unevaluated	Elevate
47	1218 Mumford Rd	Pitt	Commercial	1963	Yes	Unevaluated	Dry Floodproof
48	1108 Mumford Rd	Pitt	Commercial	1977	Yes	Unevaluated	Dry Floodproof
49	1214 Mumford Rd	Pitt	Commercial	1974	Yes	Unevaluated	Dry Floodproof

ID	Address	County	Structure Type	Year Construction	45+ years	NRHP Eligibility	Proposed Non-Structural Measure
50	1210 Mumford Rd	Pitt	Commercial	1974	Yes	Unevaluated	Dry Floodproof
51	1216 Mumford Rd	Pitt	Industrial	1968	Yes	Unevaluated	Dry Floodproof
52	1204 Mumford Rd	Pitt	Residential	1901	Yes	Unevaluated	Elevate
53	1206 Mumford Rd	Pitt	Public	1965	Yes	Unevaluated	Dry Floodproof
54	1600 N Greene St	Pitt	Residential	1940	Yes	Unevaluated	Elevate
55	1620 Pactolus Hwy	Pitt	Residential	1955	Yes	Unevaluated	Elevate Flood Vent
56	1375 Mumford Rd	Pitt	Residential	2000	No	Unevaluated	Elevate
57	1630 N Greene St	Pitt	Industrial	2022	No	Unevaluated	Dry Floodproof
58	1514 N Greene St	Pitt	Industrial	1952	Yes	Unevaluated	Dry Floodproof
59	1620 N Greene St	Pitt	Commercial	1960	Yes	Unevaluated	Dry Floodproof
60	1501 N Memorial Dr	Pitt	Industrial	1968	Yes	Unevaluated	Dry Floodproof
61	1630 N Greene St	Pitt	Industrial	2022	No	Unevaluated	Dry Floodproof
62	1612 Cody Ln	Pitt	Commercial	Unknown	TBD	Unevaluated	Dry Floodproof
63	144 W Gum Rd	Pitt	Residential	Unknown	TBD	Unevaluated	Elevate
64	1620 N Greene St	Pitt	Commercial	1960	Yes	Unevaluated	Dry Floodproof
65	0 Pollard St	Pitt	Industrial	1982	No	Unevaluated	Dry Floodproof
66	1630 N Greene St	Pitt	Commercial	2022	No	Unevaluated	Dry Floodproof
67	320 Pactolus Hwy	Pitt	Industrial	1950	Yes	Unevaluated	Dry Floodproof

ID	Address	County	Structure Type	Year Construction	45+ years	NRHP Eligibility	Proposed Non-Structural Measure
68	330 Pactolus Hwy	Pitt	Industrial	1976	Yes	Unevaluated	Dry Floodproof
69	1784 Embarcadero Ave	Pitt	Residential	Unknown	TBD	Unevaluated	Elevate
70	1784 Embarcadero Ave	Pitt	Residential	Unknown	TBD	Unevaluated	Elevate
71	1784 Embarcadero Ave	Pitt	Residential	Unknown	TBD	Unevaluated	Elevate
72	1784 Embarcadero Ave	Pitt	Residential	Unknown	TBD	Unevaluated	Elevate
73	1784 Embarcadero Ave	Pitt	Residential	Unknown	TBD	Unevaluated	Elevate
74	1784 Embarcadero Ave	Pitt	Residential	Unknown	TBD	Unevaluated	Elevate
75	1784 Embarcadero Ave	Pitt	Residential	Unknown	TBD	Unevaluated	Elevate
76	1784 Embarcadero Ave	Pitt	Residential	Unknown	TBD	Unevaluated	Elevate
77	1784 Embarcadero Ave	Pitt	Residential	Unknown	TBD	Unevaluated	Elevate
78	1784 Embarcadero Ave	Pitt	Residential	Unknown	TBD	Unevaluated	Elevate
79	1784 Embarcadero Ave	Pitt	Residential	Unknown	TBD	Unevaluated	Elevate
80	3251 Old River Rd	Pitt	Residential	1964	Yes	Unevaluated	Elevate
81	1784 Embarcadero Ave	Pitt	Residential	Unknown	TBD	Unevaluated	Elevate
82	1784 Embarcadero Ave	Pitt	Residential	Unknown	TBD	Unevaluated	Elevate
83	1784 Embarcadero Ave	Pitt	Residential	Unknown	TBD	Unevaluated	Elevate
84	1784 Embarcadero Ave	Pitt	Residential	Unknown	TBD	Unevaluated	Elevate
85	1784 Embarcadero Ave	Pitt	Residential	Unknown	TBD	Unevaluated	Elevate

ID	Address	County	Structure Type	Year Construction	45+ years	NRHP Eligibility	Proposed Non-Structural Measure
86	1784 Embarcadero Ave	Pitt	Residential	Unknown	TBD	Unevaluated	Elevate
87	1784 Embarcadero Ave	Pitt	Residential	Unknown	TBD	Unevaluated	Elevate
88	1784 Embarcadero Ave	Pitt	Residential	Unknown	TBD	Unevaluated	Elevate
89	3939 Old River Rd	Pitt	Residential	Unknown	TBD	Unevaluated	Elevate
90	4022 Old River Rd	Pitt	Residential	1994	No	Unevaluated	Elevate
91	3079 DeLeon Ln	Nash	Residential	Unknown	TBD	Unevaluated	Elevate
92	1704 Graham St	Nash	Residential	1977	Yes	Unevaluated	Flood Vent
93	1001 Bethlehem Rd	Nash	Commercial	1955	Yes	Unevaluated	Dry Floodproof
94	1169 Nashville Rd	Nash	Commercial	1950	Yes	Unevaluated	Dry Floodproof
95	1169 Nashville Rd	Nash	Commercial	1950	Yes	Unevaluated	Dry Floodproof
96	3309 NC 33 NW	Edgecombe	Commercial	Unknown	TBD	Unevaluated	Dry Floodproof
97	141 Airport Rd	Edgecombe	Commercial	Unknown	TBD	Unevaluated	Dry Floodproof
98	3378 NC 33 NW	Edgecombe	Commercial	Unknown	TBD	Unevaluated	Dry Floodproof
99	Airport Rd	Edgecombe	Industrial	Unknown	TBD	Unevaluated	Dry Floodproof
100	3334 NC 33 West	Edgecombe	Commercial	Unknown	TBD	Unevaluated	Dry Floodproof
101	3378 NC 33 NW	Edgecombe	Commercial	Unknown	TBD	Unevaluated	Dry Floodproof
102	Airport Rd	Edgecombe	Commercial	Unknown	TBD	Unevaluated	Dry Floodproof
103	529 Airport Rd	Edgecombe	Industrial	Unknown	TBD	Unevaluated	Dry Floodproof

ID	Address	County	Structure Type	Year Construction	45+ years	NRHP Eligibility	Proposed Non-Structural Measure
104	529 Airport Rd	Edgecombe	Residential	Unknown	TBD	Unevaluated	Elevate Flood Vent
105	1663 E Northern Blvd Ext	Edgecombe	Industrial	Unknown	TBD	Unevaluated	Dry Floodproof
106	192 Lakeview Farm Ln	Nash	Commercial	1985	No	Unevaluated	Dry Floodproof
107	1712 Lafayette Cr	Nash	Residential	1961	Yes	Unevaluated	Elevate Flood Vent
108	192 Lakeview Farm Ln	Nash	Residential	1985	No	Unevaluated	Elevate Flood Vent
104	529 Airport Rd	Edgecombe	Residential	Unknown	TBD	Unevaluated	Elevate Flood Vent
105	1663 E Northern Blvd Ext	Edgecombe	Industrial	Unknown	TBD	Unevaluated	Dry Floodproof
106	192 Lakeview Farm Ln	Nash	Commercial	1985	No	Unevaluated	Dry Floodproof
107	1712 Lafayette Cr	Nash	Residential	1961	Yes	Unevaluated	Elevate Flood Vent
108	192 Lakeview Farm Ln	Nash	Residential	1985	No	Unevaluated	Elevate Flood Vent
109	100 Lakeview Farm Ln	Nash	Residential	1950	Yes	Unevaluated	Elevate Flood Vent
110	192 Lakeview Farm Ln	Nash	Residential	1985	No	Unevaluated	Flood Vent
111	1800 Stone Rose Dr	Nash	Commercial	1961	Yes	Unevaluated	Dry Floodproof
112	US 64 ALT West	Edgecombe	Residential	Unknown	TBD	Unevaluated	Elevate Flood Vent
113	733 N Taylor St	Nash	Residential	1959	Yes	Unevaluated	Elevate Flood Vent
114	322 Morgan St	Nash	Residential	1940	Yes	Unevaluated	Flood Vent
115	309 Morgan St	Nash	Residential	1950	Yes	Unevaluated	Flood Vent
116	213 Melton Dr	Nash	Commercial	1965	Yes	Unevaluated	Dry Floodproof

ID	Address	County	Structure Type	Year Construction	45+ years	NRHP Eligibility	Proposed Non-Structural Measure
117	212 Melton Dr	Nash	Commercial	1973	Yes	Unevaluated	Dry Floodproof
118	950 Atlantic Ave	Edgecombe	Public	Unknown	TBD	Unevaluated	Dry Floodproof
119	101 Patrick Ct	Nash	Industrial	1996	No	Unevaluated	Dry Floodproof
120	116 N Circle Dr	Nash	Commercial	1976	Yes	Unevaluated	Dry Floodproof
121	111 Country Club Rd	Nash	Commercial	1986	No	Unevaluated	Dry Floodproof
122	2412 Sunset Ave	Nash	Commercial	1965	Yes	Unevaluated	Dry Floodproof
123	111 Country Club Rd	Nash	Commercial	1986	No	Unevaluated	Dry Floodproof
124	2501 Sunset Ave	Nash	Commercial	1966	Yes	Unevaluated	Dry Floodproof
125	111 Country Club Rd	Nash	Commercial	1986	No	Unevaluated	Dry Floodproof
126	117 Country Club Rd	Nash	Industrial	1976	Yes	Unevaluated	Dry Floodproof
127	111 Country Club Rd	Nash	Commercial	1986	No	Unevaluated	Dry Floodproof
128	2509 Sunset Ave	Nash	Commercial	1951	Yes	Unevaluated	Dry Floodproof
129	2510 Sunset Ave	Nash	Commercial	1969	Yes	Unevaluated	Dry Floodproof
130	2518 Sunset Ave	Nash	Commercial	1960	Yes	Unevaluated	Dry Floodproof
131	109 Pinewood Ave	Nash	Residential	1969	Yes	Unevaluated	Elevate Flood Vent
132	114 Forest Hill Ave	Nash	Commercial	1920	Yes	Unevaluated	Dry Floodproof
133	550 N Wesleyan Blvd	Nash	Commercial	2018	No	Unevaluated	Dry Floodproof
134	2088 Stone Rose Dr	Nash	Commercial	1986	No	Unevaluated	Dry Floodproof

ID	Address	County	Structure Type	Year Construction	45+ years	NRHP Eligibility	Proposed Non-Structural Measure
135	627 Tarrytown Ctr	Nash	Commercial	1910	Yes	Unevaluated	Dry Floodproof
136	627 Tarrytown Ctr	Nash	Commercial	1910	Yes	Unevaluated	Dry Floodproof
137	1131 Atlantic Ave	Edgecombe	Industrial	Unknown	TBD	Unevaluated	Dry Floodproof
138	1745 Harper St	Edgecombe	Industrial	Unknown	TBD	Unevaluated	Dry Floodproof
139	129 Stoney Creek Dr	Nash	Residential	1983	No	Unevaluated	Elevate Flood Vent
140	3301 Brookview Dr	Nash	Residential	1976	Yes	Unevaluated	Elevate Flood Vent
141	3309 Brookview Dr	Nash	Residential	1980	No	Unevaluated	Elevate
142	3305 Brookview Dr	Nash	Residential	1974	Yes	Unevaluated	Elevate Flood Vent
143	no physical address	Nash	Residential	1977	Yes	Unevaluated	Flood Vent
144	3441 Greenbriar Dr	Nash	Residential	1977	Yes	Unevaluated	Elevate Flood Vent
145	3068 Zebulon Rd	Nash	Residential	1983	No	Unevaluated	Flood Vent
146	3060 Zebulon Rd	Nash	Residential	1983	No	Unevaluated	Flood Vent
147	3013 Zebulon Rd	Nash	Commercial	1988	No	Unevaluated	Dry Floodproof
148	3072 Zebulon Rd	Nash	Residential	1983	No	Unevaluated	Flood Vent
149	3064 Zebulon Rd	Nash	Residential	1983	No	Unevaluated	Elevate Flood Vent
150	3076 Zebulon Rd	Nash	Residential	1983	No	Unevaluated	Elevate Flood Vent
151	3186 Zebulon Rd	Nash	Commercial	1972	Yes	Unevaluated	Dry Floodproof
152	144 Country Club Rd	Nash	Residential	1953	Yes	Unevaluated	Elevate

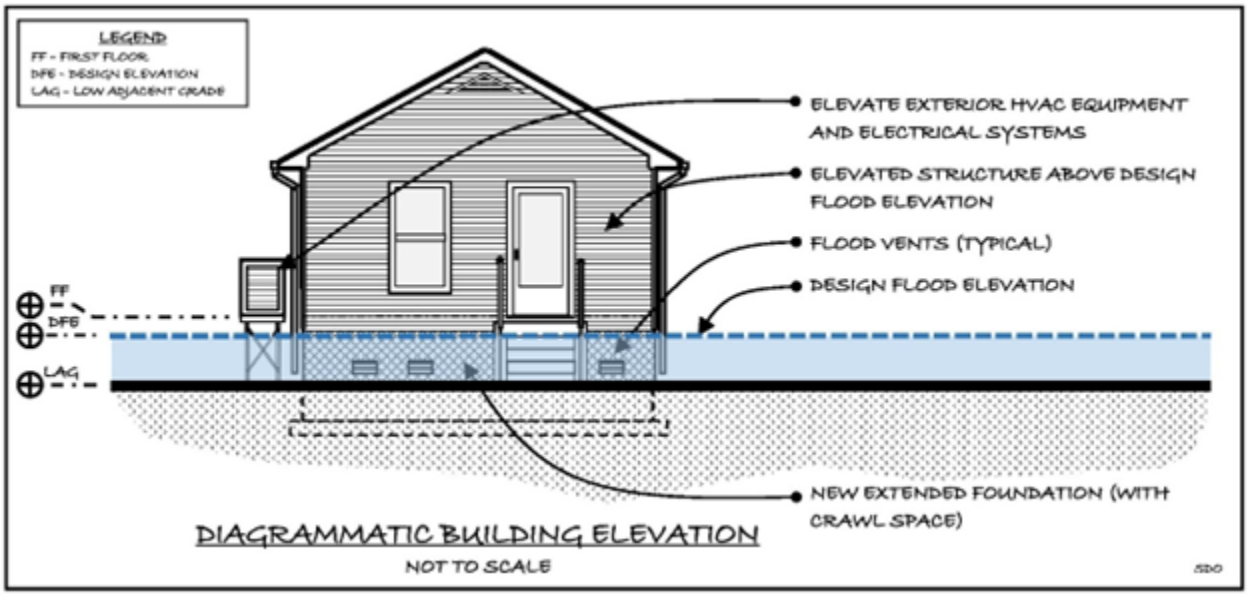
ID	Address	County	Structure Type	Year Construction	45+ years	NRHP Eligibility	Proposed Non-Structural Measure
153	521 Country Club Rd	Nash	Commercial	1910	Yes	Unevaluated	Dry Floodproof
154	101 Rowe Dr	Nash	Commercial	1995	No	Unevaluated	Dry Floodproof
155	303 W Washington St	Nash	Commercial	1910	Yes	Unevaluated	Dry Floodproof
156	10826 NC 97 West	Edgecombe	Industrial	Unknown	Unknown	Unevaluated	Dry Floodproof

Appendix C

Non-Structural Measures Descriptions

Structure Elevation

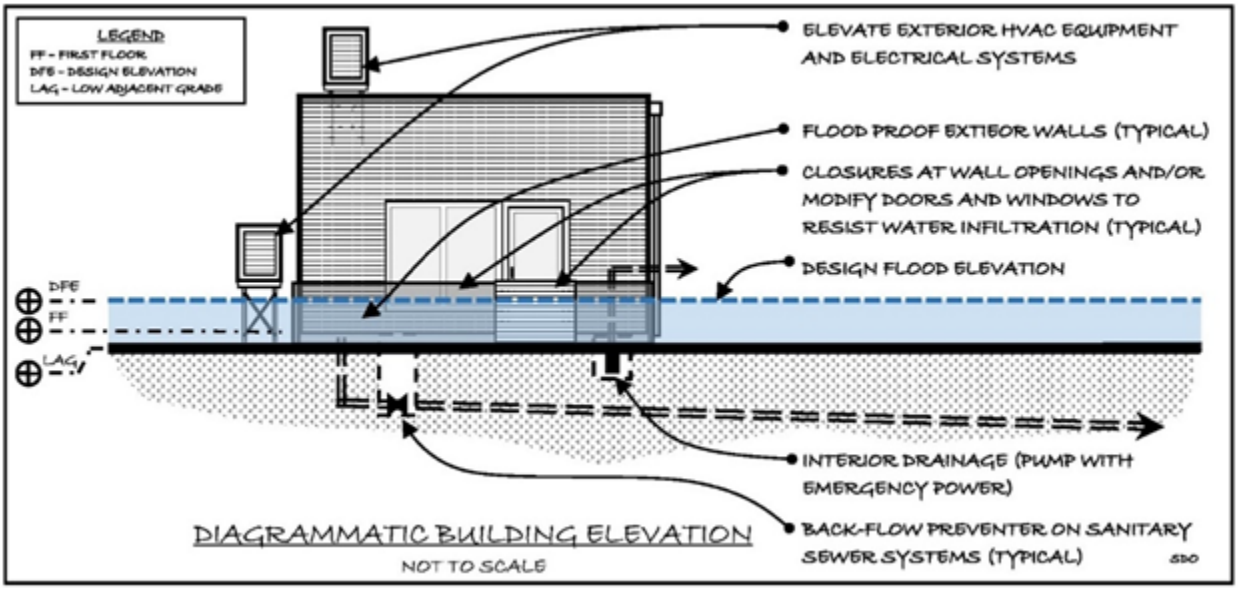
Structure elevation consists of elevating a structure's habitable area above a specified flood elevation. The target elevation used for this study is the 1% annual exceedance probability (AEP) elevation plus two feet. Structures can be elevated on piers or on an extended foundation—the latter also requires installation of flood vents. If a basement exists, it should be abandoned and filled.



Diagrammatic building elevation (top) and example of an elevated house with flood vents (bottom).

Dry Floodproofing

Dry floodproofing consists of waterproofing the entire structure or portions of the structure. Structures can generally be dry floodproofed up to between 3 to 4 feet on the exterior walls. For this study, we assumed dry floodproofing to the 1% AEP flood elevation plus two feet or a maximum of four feet. Exterior walls would be floodproofed using waterproof membranes and protective veneer wall. A sump pump and drain system may be required to remove seepage or interior drainage. Closure panels are required for all openings.



Dry floodproofing diagrammatic drawing (top) and example (bottom)

Appendix D

Consulting Parties List

The table in this appendix includes a list of all entities that have been invited to participate as consulting parties in Section 106 consultation for this undertaking. The table indicates which entities have accepted the invitation to serve as consulting parties. The table also indicates which entities have accepted the invitation to serve as Signatory or Concurring Party to the PA.

LIST OF INVITED PARTIES

Signatories		
	State Agency (Non-Federal Sponsor)	
	State Agency	NC State Historic Preservation Office
	Federal Agency	Advisory Council on Historic Preservation
Concurring Parties		
Invited but did not respond or chose not to participate		
	Federally-recognized Tribe	Catawba Indian Nation
	Federally-recognized Tribe	Eastern Band of Cherokee Indians
	Federally-recognized Tribe	Monacan Indian Nation
	Federally-recognized Tribe	United Keetoowah Band of Cherokee Indians in Oklahoma
	Federally-recognized Tribe	Cherokee Nation
	State Agency	NC Division of State Historic Sites and Properties
	State Agency	NC Commission of Indian Affairs
	State Agency	NC Office of Archaeology
	State-recognized Tribe	Meherrin Indians
	State-recognized Tribe	Haliwa-Saponi Tribe
	Historic commission	Rocky Mount Historic Preservation Commission
	Historic commission	Greenville Historic Preservation Commission
	Historic commission	Tarboro Historic District Commission
	Archaeological society	NC Archaeological Society

Appendix E

Correspondence

March 21, 2024

Michelle R. Zulauf, M.A., RPA
District Archaeologist & Tribal Liaison
USACE Pittsburgh District
U.S. Army Corps of Engineers

Ref: *Tar-Pamlico River Basin Flood Risk Management Study*
Edgecombe, Nash and Pitt Counties, North Carolina
ACHP Project Number: 020699

Dear Ms. Zulauf:

On March 19, 2024, the Advisory Council on Historic Preservation (ACHP) received your notification and supporting documentation regarding the potential adverse effects of the referenced undertaking on a property or properties listed or eligible for listing in the National Register of Historic Places. Based upon the information you provided, we have concluded that Appendix A, *Criteria for Council Involvement in Reviewing Individual Section 106 Cases*, of our regulations, "Protection of Historic Properties" (36 CFR Part 800) implementing Section 106 of the National Historic Preservation Act, does not apply to this undertaking. Accordingly, we do not believe our participation in the consultation to resolve adverse effects is needed.

However, if we receive a request for participation from the State Historic Preservation Officer (SHPO), Tribal Historic Preservation Officer, affected Indian tribe, a consulting party, or other party, we may reconsider this decision. Should the undertaking's circumstances change, consulting parties cannot come to consensus, or you need further advisory assistance to conclude the consultation process, please contact us.

Pursuant to Section 800.6(b)(1)(iv), you will need to file the final Section 106 agreement document (Agreement), developed in consultation with the North Carolina SHPO and any other consulting parties, and related documentation with the ACHP at the conclusion of the consultation process. The filing of the Agreement and supporting documentation with the ACHP is required in order to complete the requirements of Section 106 of the National Historic Preservation Act.

Thank you for providing us with your notification of adverse effect. If you have any questions or require our further assistance, please contact Christopher Daniel at (202) 517-0223 or by e-mail at

cdaniel@achp.gov and reference the ACHP Project Number above.

Sincerely,

Dana Daniels
Historic Preservation Technician
Office of Federal Agency Programs

DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, PITTSBURGH DISTRICT
1000 LIBERTY AVENUE
PITTSBURGH, PA 15222-4186

March 19, 2024

Planning and Environmental Branch

Mr. Christopher Daniel
Advisory Council on Historic Preservation
401 F Street NW, Suite 308
Washington, DC 20001

Dear Mr. Daniel:

The U.S. Army Corps of Engineers (USACE), Pittsburgh District is currently studying the feasibility and environmental effects associated with the Tar-Pamlico River Basin Flood Risk Management Study (Study) (ER 20-1264). The proposed Study was authorized by the House Committee on Transportation and Infrastructure Resolution adopted April 11, 2000, and the House Committee on Transportation and Infrastructure Resolution adopted May 21, 2003. The North Carolina Department of Environmental Quality is the non-Federal Sponsor for the Study. The purpose of the Study is to assess and recommend actions that reduce flood risk and increase resiliency within the Tar-Pamlico River Basin. A draft integrated feasibility study and National Environmental Policy Act (NEPA) compliant document that identifies the Recommended Plan is being prepared for the Study and will address its effects to the natural and human environment.

Pursuant to Section 106 of the National Historic Preservation Act (NHPA) (54 U.S.C. § 306108), and its implementing regulations (36 C.F.R. § 800), the USACE has determined that the Study constitutes an undertaking as defined in 36 C.F.R. § 800.16(y) and has a potential to affect historic properties listed on, or determined eligible for, the National Register of Historic Places under 36 C.F.R. § 800.3.

Under the current Recommended Plan, USACE is proposing to incorporate a series of nonstructural measures that include structure elevation, floodproofing or flood venting. Initial analysis has identified a total of 157 structures preliminarily suitable for nonstructural measures. However additional structure-specific analysis will need to be conducted to determine final suitability during the second phase of this undertaking, which will occur at a later date if a project is authorized by Congress following Study completion.
Based on this information, USACE has determined that the Area of Potential Effects (APE) for this undertaking includes areas where initial Study analyses indicate modification of existing structures will be economically feasible in Nash, Edgecombe and Pitt Counties, North Carolina.

A review of the NC Historic Preservation Office GIS web mapping (HPOWEB) indicates that none of the identified structures have been evaluated for inclusion in the National Register of Historic Places (NRHP) or are located within a known historic district. Additional investigations are necessary to determine the eligibility of these structures. Furthermore, USACE has initiated consultation with the Catawba Indian Nation, Cherokee Nation,

Eastern Band of Cherokee Indians, Monacan Indian Nation, and the United Keetoowah Band of Cherokee Indians in Oklahoma in an effort to identify any properties within the APE with religious and/or cultural significance that may be eligible for inclusion in the NRHP. Furthermore, USACE is seeking additional consulting parties. Thus far USACE has invited the Rocky Mount Historic Preservation Commission, the Tarboro Historic District Commission, and the Greenville Historic Preservation Commission to participate as consulting parties for this Study.

Based on the present (i.e., feasibility-level) design, USACE proposes the development of a Study-specific programmatic agreement (PA) with your office to comply with Section 106 of the NHPA. The proposed PA would include timelines to conduct surveys to identify historic properties within the APE, review procedures to ensure appropriate participation by your office, and requirements to avoid, minimize, or mitigate adverse effects to historic properties. A working draft of the PA has been included with this letter for your review and comment.

Pursuant to 36 C.F.R. 800.14(a)(2), USACE is submitting the proposed alternative procedures to ACHP for review and inviting the agency to participate in the drafting and execution of the proposed PA. If you have any questions or require additional information, please contact Ms. Michelle Zulauf, District Archaeologist, at (412) 395-7521 or michelle.r.zulauf@usace.army.mil

Sincerely,

Marc Glowczewski, PE, PMP
Chief, Planning and Environmental Branch

Enclosures

Advisory Council on Historic Preservation
Electronic Section 106 Documentation Submittal System (e106) Form
MS Word format

Send to: *e106@achp.gov*

Please review the instructions at www.achp.gov/e106-email-form **prior to completing this form. Questions about whether to use the e106 form should be directed to the assigned ACHP staff member in the Office of Federal Agency Programs.**

I. Basic information

1. **Purpose of notification.** Indicate whether this documentation is to:
   - ☐ Notify the ACHP of a finding that an undertaking may adversely affect historic properties
   - ☐ Invite the ACHP to participate in a Section 106 consultation
   - ☒ Propose to develop a project Programmatic Agreement (project PA) for complex or multiple undertakings in accordance with 36 C.F.R. 800.14(b)(3)
   - ☐ Supply additional documentation for a case already entered into the ACHP record system
   - ☐ File an executed MOA or PA with the ACHP in accordance with 800.6(b)(iv) (where the ACHP did not participate in consultation)
   - ☐ Other, please describe
     Click here to enter text.

2. ACHP Project Number (If the ACHP was previously notified of the undertaking and an ACHP Project Number has been provided, enter project number here and skip to Item 7 below): Click here to enter text.

3. **Name of federal agency** (If multiple agencies, list them all and indicate whether one is the lead agency):

   U.S. Army Corps of Engineers – Pittsburgh District

4. **Name of undertaking/project** (Include project/permit/application number if applicable):

   Tar-Pamlico River Basin Flood Risk Management Study (Study)

5. **Location of undertaking** (Indicate city(s), county(s), state(s), land ownership, and whether it would occur on or affect historic properties located on tribal lands):

The undertaking comprises Tar River Basin in North Carolina to just above the town of Washington, in Edgecombe, Nash and Pitt Counties. The Study area primarily privately owned and outside of any tribal lands.

6. **Name and title of federal agency official and contact person for this undertaking**, including email address and phone number:

Michelle Zulauf – USACE Pittsburgh District Archaeologist
Michelle.r.zulauf@usace.army.mil
412-395-7521

II. Information on the Undertaking*

7. **Describe the undertaking and nature of federal involvement** (if multiple federal agencies are involved, specify involvement of each):

Pursuant to Section 106 of the National Historic Preservation Act (NHPA) (54 U.S.C. § 306108), and its implementing regulations (36 C.F.R. § 800), the USACE has determined that the Study constitutes an undertaking as defined in 36 C.F.R. § 800.16(y) and has a potential to affect historic properties listed on, or determined eligible for, the National Register of Historic Places under 36 C.F.R. § 800.3.

Under the current Recommended Plan, USACE is proposing to incorporate a series of nonstructural measures that include structure elevation, floodproofing or flood venting. Initial analysis has identified a total of 157 structures preliminarily suitable for nonstructural measures. However additional structure-specific analysis will need to be conducted to determine final suitability during the second phase of this undertaking, which will occur at a later date if a project is authorized by Congress following Study completion.

8. **Describe the Area of Potential Effects (APE)**:

Based on this information, USACE has determined that the Area of Potential Effects (APE) for this undertaking includes areas where initial Study analyses indicate modification of existing structures will be economically feasible in Nash, Edgecombe and Pitt Counties, North Carolina (Enclosure).

9. **Describe steps taken to identify historic properties**:

Based on the present (i.e., feasibility-level) design, USACE proposes the development of a Study-specific programmatic agreement (PA) with your office to comply with Section 106 of the NHPA. The proposed PA would include timelines to conduct surveys to identify historic properties within the APE, review procedures to ensure appropriate participation by your office, and requirements to avoid, minimize, or mitigate adverse effects to historic properties. A working draft of the PA has been included with this letter for your review and comment.

10. **Describe the historic property** (or properties) and any National Historic Landmarks within the APE (or attach documentation or provide specific link to this information):

There are no known historic properties within the APE.

11. **Describe the undertaking's effects on historic properties**:

N/A

12. **Explain how this undertaking would adversely affect historic properties** (include information on

any conditions or future actions known to date to avoid, minimize, or mitigate adverse effects):

N/A

13. Provide copies or summaries of the views provided to date by any consulting parties, Indian tribes or Native Hawai'ian organizations, or the public, including any correspondence from the SHPO and/or THPO.

* see *Instructions for Completing the ACHP* e*106 Form*

III. Additional Information

14. Please indicate the status of any consultation that has occurred to date, including whether there are any unresolved concerns or issues the ACHP should know about in deciding whether to participate in consultation. Providing a list of consulting parties, including email addresses and phone numbers if known, can facilitate the ACHP's review response.

USACE has initiated consultation with the North Carolina Historic Preservation Office, the Catawba Indian Nation, Cherokee Nation, Eastern Band of Cherokee Indians, Monacan Indian Nation, United Keetoowah Band of Cherokee Indians, Tarboro Historic District Commission, Greenville Historic Preservation Commission and Rocky Mount Historic Preservation Commission.

There are no known conflicts or unresolved concerns.

15 Does your agency have a website or website link where the interested public can find out about this project and/or provide comments? Please provide relevant links:

https://www.lrp.usace.army.mil/Missions/Planning-Programs-Project-Management/Key-Projects/Tar-Pamlico-Feasibility-Study/

16. Is this undertaking considered a "major" or "covered" project listed on the Federal Infrastructure Projects Permitting Dashboard? If so, please provide the link:

No

The following are attached to this form (check all that apply):

☒ Section 106 consultation correspondence

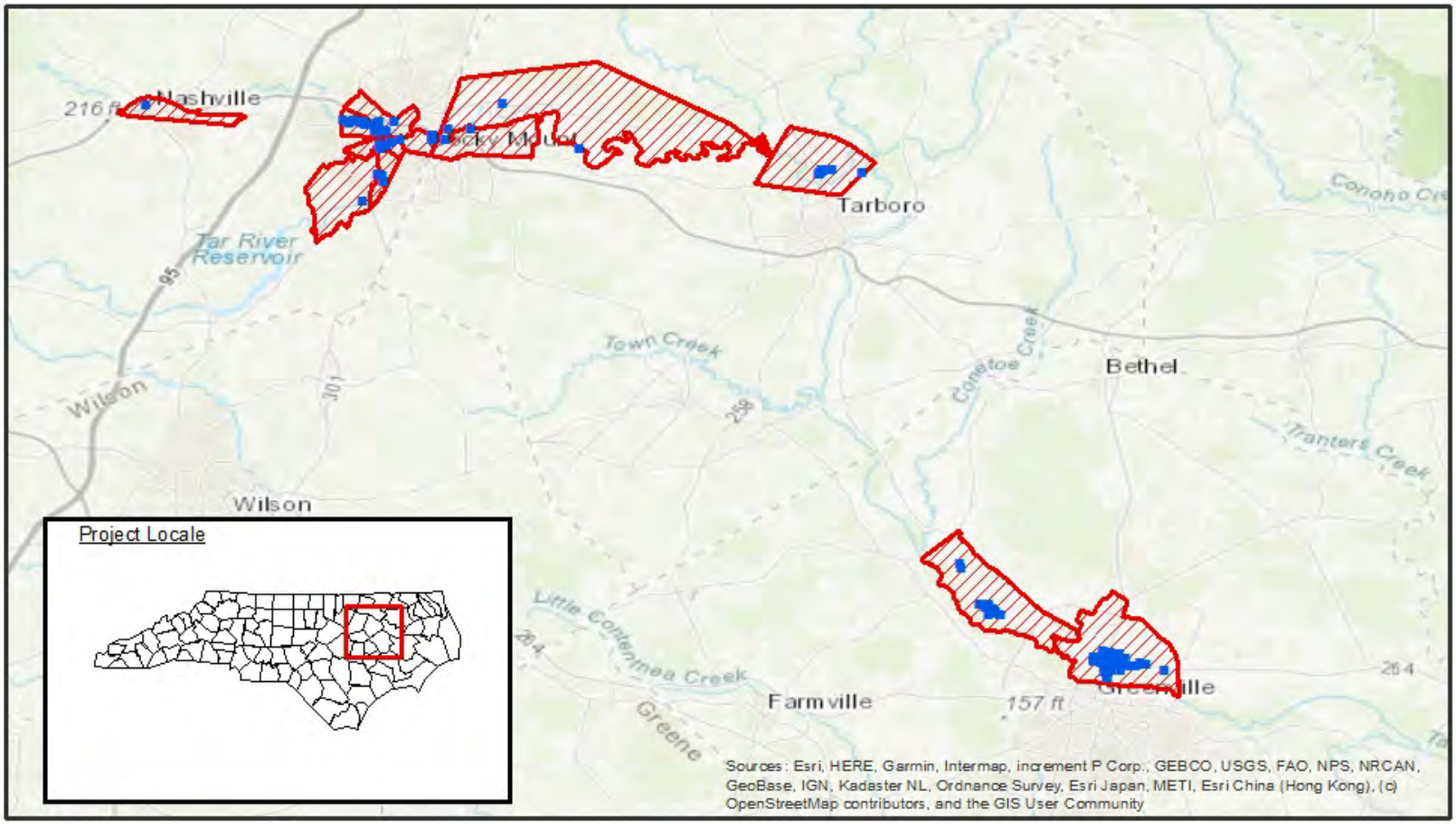
☒ Maps, photographs, drawings, and/or plans

☐ Additional historic property information

☒ Consulting party list with known contact information

☐ Other: Click here to enter text.

Area of potential effect (APE) under consideration in the Tar-Pamlico River Basin Flood Risk Management Study



Tar-Pamlico River Basin Flood Risk Management Study Area

Edgecombe, Nash, and Pitt Counties
North Carolina

Structures proposed to be modified

Area of Potential Effects

Kilometers

0 2 4 8 12 16

North Carolina Department of Natural and Cultural Resources

State Historic Preservation Office

Ramona M. Bartos, Administrator

Governor Roy Cooper
Secretary D. Reid Wilson

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

February 1, 2024

Michelle Zulauf michelle.r.zulauf@usace.army.mil
U.S. Army Corps of Engineers
Pittsburgh District
2200 William S. Moorhead Federal Building
1000 Liberty Avenue
Pittsburgh, PA 15222-4186

Re: Tar-Pamlico River Basin Flood Risk Management, Multiple Counties, ER 20-1264

Dear Ms. Zulauf:

Thank you for your email of February 1, 2024, requesting clarification of our January 5, 2023, response letter. We apologize that it did not specifically address your request for concurrence of the proposed Tar River Basin area of potential effect (APE), to include work within Nashville (Nash County), Rocky Mount (Nash and Edgecombe Counties), and Greenville (Pitt County). We do not object to the proposed APE and look forward to continuing the development of the study-specific programmatic agreement (PA).

We are currently reviewing the draft PA provided to us on January 5, 2024, and will return our comments to you by February 16, 2024, as requested.

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

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

Sincerely,

Renee Gledhill-Earley

for Ramona Bartos, Deputy
State Historic Preservation Officer

cc Katie Harville, NC HPO katie.harville@dncr.nc.gov

North Carolina Department of Natural and Cultural Resources

State Historic Preservation Office

Ramona M. Bartos, Administrator

Governor Roy Cooper
Secretary D. Reid Wilson

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

January 5, 2024

Kristi Dobra kristi.s.dobra@usace.army.mil
U.S. Army Corps of Engineers
Pittsburgh District
2200 William S. Moorhead Federal Building
1000 Liberty Avenue
Pittsburgh, PA 15222-4186

Re: Tar-Pamlico River Basin Flood Risk Management, Multiple Counties, ER 20-1264

Dear Ms. Dobra:

Thank you for your email of November 2, 2023, transmitting the draft Integrated Feasibility Report and Environmental Assessment, dated October 2023, for the above-referenced undertaking. We have reviewed the documentation as well as the invitation to consult letter transmitted by Michelle Zulauf, USACE Pittsburg District, and offer the following comments.

We note that plan "3B", which includes proposed work (elevation, venting, and dry floodproofing) to over 100 at-risk structures, is the preferred alternative. We look forward to developing a programmatic agreement with USACE to address the agency's Section 106 requirements and the plan's potential to affect historic properties.

Please contact Katie Harville, Environmental Review Specialist, at katie.harville@dncr.nc.gov, and Chris Southerly, acting State Archaeologist, at chris.southerly@dncr.nc.gov, to schedule upcoming consultation meetings with our office.

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

Thank you for your cooperation and consideration. If you have questions concerning the above comment, contact Renee Gledhill-Earley, environmental review coordinator, at 919-814-6579

or environmental.review@dncr.nc.gov. In all future communication concerning this project, please cite the above referenced tracking number.

Sincerely,

Renee Gledhill-Earley

for Ramona Bartos, Deputy
State Historic Preservation Officer

cc	Chris Southerly, NC Office of State Archaeology	chris.southerly@dncr.nc.gov
	Katie Harville, NC HPO	katie.harville@dncr.nc.gov
	Michelle Zulauf, USACE Pittsburgh District	michelle.r.zulauf@usace.army.mil
	Lindsay Ferrante, USACE Wilmington District	lindsay.ferrante@usace.army.mil

Reviewed by SHPO 5 JAN 2024

DRAFT

PROGRAMMATIC AGREEMENT BETWEEN THE U.S. ARMY CORPS OF ENGINEERS, WILMINGTON DISTRICT, THE NORTH CAROLINA STATE HISTORIC PRESERVATION OFFICER, AND THE ADVISORY COUNCIL ON HISTORIC PRESERVATION REGARDING THE TAR-PAMLICO RIVER BASIN FLOOD RISK MANAGEMENT STUDY

WHEREAS, the U.S. Army Corps of Engineers, Wilmington District (USACE) has prepared a feasibility and environmental assessment of engineering solutions to reduce flood risks within the Tar-Pamlico River basin, herein referred to as the "study"; and

WHEREAS, the study is authorized under by House Resolutions adopted on April 11, 2000, and May 21, 2003, by the Committee on Transportation and Infrastructure of the United States House of Representatives and is funded by the Additional Supplemental Appropriations for Disaster Relief of 2019, H.R. 2157; and

WHEREAS, the North Carolina Department of Environmental Quality (NC DEQ) is the study's non-Federal sponsor (NFS); and

WHEREAS, the proposed undertaking consists of modifications to approximately 157 residential, commercial and industrial structures within the cities of Nashville in Nash County, Rocky Mount in Edgecombe and Nash Counties, and Greenville, in Pitt County, NC (see Appendices B and C); and

WHEREAS, these modifications include structural elevation, floodproofing, or flood venting as described in Appendix A; and

WHEREAS, pursuant to 36 Code of Federal Register (C.F.R.) Part 800, the regulations implementing Section 106 of the National Historic Preservation Act (NHPA) (54 U.S.C § 306108), the USACE has determined that the proposed undertaking has the potential to cause an effect and/or an adverse effect to historic properties eligible for listing on the National Register of Historic Places (NRHP); and

WHEREAS, these structures have not been evaluated for their historical significance or eligibility for listing to the National Register of Historic Places ; and

WHEREAS, USACE has notified the Advisory Council on Historic Preservation (ACHP) of the proposed undertaking and shared its intent to resolve effects and/or adverse effects to any historic properties through a project-specific programmatic agreement (PA); and

WHEREAS, the Council has accepted/declined to participate in this PA on ???????; and

WHEREAS, in accordance with 36 C.F.R. Parts 800.2 and 800.3, USACE has invited the North Carolina State Historic Preservation Officer (NC SHPO), Federally-recognized Native American Indian tribes, representatives of local governments, and others to participate as consulting parties in in the development of this PA as further described herein, and a complete list of those invited to serve as consulting parties is included in Appendix D;

Reviewed by SHPO 5 JAN 2024

WHEREAS, USACE involved the general public through review of the National Environmental Policy Act (NEPA) process, which affords all persons, organizations, and government agencies the right to review and comment on proposed major Federal actions that are evaluated by a NEPA document and participate in public meetings during the review of the feasibility report; and

NOW, THEREFORE, USACE, NC SHPO, and ACHP (if participating) agree that the undertakings shall be implemented in accordance with the following stipulations resolve effects and/or adverse effects of the proposed undertaking to historic properties.

STIPULATIONS

I. ENGAGING CONSULTING PARTIES AND THE PUBLIC

USACE will engage consulting parties in writing and invite them to participate in the process presented in this agreement. Specific participants in this process are defined by 36 C.F.R. part 800.2 (c) but will minimally include the NC SHPO and the NFS. Other suggested consulting parties include Federally-recognized Native American tribes and affected property owners. The Advisory Council for Historic Preservation, herein referred to as the “Council”, may participate in this process at any time.

USACE will also seek the views of the public on the proposed undertaking and its effects on historic properties. USACE will develop a list of potentially interested members of the public – including non-profit and non-governmental organizations, state and local governmental agencies, museums and educational institutions, businesses, and/or professional researchers – request their knowledge of the study area and the effected historic properties in writing or through a public meeting. Distribution of these requests may be performed through standard mail, electronic mail or through on-line resources.

II. DEFINING THE AREAS OF POTENTIAL EFFECT

A preliminary APE for this undertaking was determined by USACE based on a feasibility-level design, a detailed records review, and consultation. The preliminary APE includes modifications to approximately 157 structures and the surrounding grounds designated for soil disturbing activities within the cities of Nashville in Nash County, Rocky Mount in Edgecombe and Nash Counties, and Greenville, in Pitt County, NC (see Appendices A, B, and C).

A structural analysis for each structure will be conducted during the design phase of the project to determine the final number of structures effected, their locations, and the implementability of the proposed modifications (i. e. elevation, floodproofing, or flood venting). USACE will present the final APE to consulting parties with updated maps and project activity descriptions.

Consulting parties shall be given no more than thirty (30) calendar days (from the date of receipt) to review and provide written comments on the APE. A failure of the consulting parties to respond within the review period shall not preclude USACE from moving forward to the next step in this agreement.

Reviewed by SHPO 5 JAN 2024

III. IDENTIFIICATION AND EVALUATION OF HISTORIC PROPERTIES WITHIN THE AREA OF POTENTIAL EFFECT

USACE shall carry out investigations to evaluate the historic significance and eligibility of above-ground structures and archaeological resources for listing to the National Register of Historic Places with the APE for the proposed undertaking. These investigations will be carried out in cooperation with consulting parties. This evaluation will be carried out in the following manner:

A. Professional Standards. All work under this agreement will be conducted by, or directly under supervision of, individuals that meet the Professional Qualification Standards set forth in *Archaeology and Historic Preservation: Secretary of the Interior's (SOI) Standards and Guidelines*, as specified in 36 C.F.R. Part 61 for archaeology, history, architectural history, architecture, or historic architecture.

B. Above-Ground Structure Investigations.

1. USACE shall prepare a research design for the investigation of above-ground structures, older than 45 years from the date of investigation. This document will present research questions related to the site and structure and the methods used to evaluate the historic significance of each structure including, but not limited to a reconnaissance survey and analysis, a detailed records review of each structure's age, use and modification, photographic and recordation techniques, and a plan for the long-term curation of materials developed from this investigation.

   Consulting parties shall have thirty (30) calendar days (from the date of receipt) to review and provide written comments on the research design. USACE will make changes to the research design based on these comments and re-submit to consulting parties for another 30-day review. Upon approval, USACE will implement the research design for above-ground structures.

   Methods within the research design will minimally follow the guidelines and requirements specified in *the SOI's Standards and Guidelines* (48 F.R. 44716-44740) and the *North Carolina Report Standards for Historic Structure Survey: Reports/Determinations of Eligibility / Section 106/110 Compliance Reports in North Carolina.*

2. Required documents for the above-ground structural investigation will include a report of findings presenting the overall results and the NRHP eligibility of each structure evaluated, and a state site form. The NRHP eligibility will be based on an application of the Criteria of Evaluation within 36 C.F.R. Part 60.4. If questions arise as to the NRHP eligibility of the structures identified within the APE, then USACE shall obtain assistance from the Secretary of Interior pursuant to 36 C.F.R. Part 63.

   The report of finding and state site forms will follow the guidelines and requirements specified in 36 C.F.R. Part 800.11(d), the SOI's Standards and Guidelines (48 F.R. 44716-44740), and the North Carolina Report Standards for Historic Structure Survey: Reports/Determinations of Eligibility / Section 106/110 Compliance Reports in North

Carolina. These investigations will be provided under a separate cover from any identified archaeological resources.

C. Archaeological Resource Investigations.

1. USACE shall submit a research design for the investigation of archaeological resources within the APE. This document will present research questions related to the site and the methods used to identify and evaluate the historic significance of each resource including, but not limited to hand excavations, archaeological monitoring, an analysis of recovered materials, a review of existing literature and records, photographic and recordation techniques, and a plan for the long-term curation of materials developed from this investigation.

   The methods within the research design will minimally follow the guidelines and requirements specified in *the SOI's Standards and Guidelines* (48 F.R. 44716-44740) and the *North Carolina Office of State Archaeology: Archaeological Investigation Standards and Guidelines.* In addition, any work completed on state-owned land will comply with Section .1600 of Title 07, Subchapter 04R of the North Carolina Administrative Codes.

   Consulting parties shall have thirty (30) calendar days (from the date of receipt) to review and provide comments on the research design. USACE will make changes to the research design based on these comments and re-submit to consulting parties for another 30-day review. Upon approval, USACE will implement the research design for archaeological resources.

2. Required documents for the archaeological resource investigations will include a report of findings presenting the overall results and the NRHP eligibility of each resource evaluated, and a state site form. The NRHP eligibility will be based on an application of the Criteria of Evaluation within 36 C.F.R. Part 60.4. If questions arise as to the NRHP eligibility of the resources identified within the APE, then USACE shall obtain assistance from the Secretary of Interior pursuant to 36 C.F.R. Part 63.

   The report of finding and state site forms will follow the guidelines and requirements specified in 36 C.F.R. Part 800.11(d), the SOI's Standards and Guidelines (48 F.R. 44716-44740) and the North Carolina Office of State Archaeology: Archaeological Investigation Standards and Guidelines. These investigations will be provided under a separate cover from the above-ground structures.

D. Determinations Of Effect.

USACE will submit the draft reports of findings to consulting parties for a 30-day review and comment period. USACE shall make changes to the reports of findings based on comments received and then re-submit to consulting parties for another 30-day review. A formal determination of effect to above-ground structures and archaeological resources will also be included with these submissions.

If it is determined through this review process that above-ground structures and archaeological resources eligible for listing to the NRHP are within the APE, then USACE

shall notify consulting parties and either develop alternatives that avoid and/or minimize the effect of the proposed modifications to the historic properties or assess whether the undertaking is an adverse effect through additional consultation and documentation, as outlined in Stipulation II E below.

E. Assessment of Adverse Effects.

If needed, USACE will prepare an assessment of adverse effect for the proposed modifications to all above-ground structures and archaeological resources eligible for listing to the NRHP and within the APE. All historic properties will be addressed under a single cover and apply the criteria of adverse effect found in 36 C.F.R. Part 800.5 (1)(a). The assessment shall meet the documentation standards set forth by 36 C.F.R. Part 800.11(e) and be submitted to consulting parties for a thirty (30) calendar day review from the date of receipt. USACE shall make changes to the assessment based on comments received and then re-submit to consulting parties for another 30-day review.

USACE will also continue to work with consulting parties in the development alternatives that avoid and/or minimize adverse effects to above-ground structures and archaeological resources eligible for listing to the NRHP. If adverse effects are unavoidable, then USACE will seek to resolve them through the process outlined in Stipulation II F below.

F. Resolution of Adverse Effects.

USACE shall follow the process described in 36 C.F.R. Part 800.6 to resolve adverse effects for the proposed modifications to above-ground structures and archaeological resources eligible for listing to the NRHP and within the APE. This process will include:

1. Notification and invitation of the Council to participate in the consultation process.
2. Continued involvement of consulting parties in development of alternatives to avoid, minimize and mitigate adverse effects to historic properties.
3. Submission of documentation required under 36 C.F.R. Part 800.11(e).
4. A plan to involve the public in the consultation process.

Alternatives, best practices and/or activities identified by consulting parties to avoid, minimize, and/or mitigate adverse effects of the proposed modifications to above-ground structures and archaeological resources will be captured within a memorandum of agreement (MOA). The MOA may cover a single historic property or several if they are identified as a historic district. Minimally, the MOA will include requirements for the development of a historic property(-ies) treatment plan and completion of a NRHP nomination form(s) for the individual historic property or historic district.

Signatories for the MOA will be USACE, NCSHPO, and the Council (if requested). The NFS will also be offered an opportunity to be an invited signatory to the MOA.
A draft version of the MOA will be provided to signatories for review and comment prior to its implementation. USACE shall make changes to the MOA based on comments received and then re-submit to consulting parties for another 30-day review. Once finalized, the MOA will be circulated for signature. Copies of the signed MOAs will be

provided to the signatories upon completion. USACE shall then ensure that undertaking is carried out in accordance with the MOA.

IV. PROTECTION OF CONFIDENTIAL INFORMATION

Consistent with Section 304 of the NHPA (54 U.S.C. § 300310), 36 C.F.R. Part 800.11(c), and related North Carolina State laws, information created from this agreement and undertaking will be treated as confidential for the duration of the project by all consulting parties and signatories, and shall not to be released to any person, business, organization or government agency that is not a party to this agreement. In special situations determined by the agency, USACE may require data sharing agreements with consulting parties and signatories as a condition for the release of this information.

Historic properties and sacred sites that may have traditional religious and cultural significance to Federally-recognized Native American Tribes will be respected and remain confidential.

V. PUBLIC INVOLVEMENT AND OUTREACH

USACE shall inform the public of this agreement and its contents through USACE's website. Sensitive information will be withheld from the public in accordance with Stipulation IV above.

USACE shall develop publicly-accessible information for modified historic properties within the APE in the form of brief publication(s), exhibit(s), and/or a webpage within the Project's public website.

VI. UNANTICIPATED DISCOVERIES AND HUMAN REMAINS

A. If cultural resources, not identified as an above-ground structure or an archaeological resource, are discovered during implementation of the proposed undertaking, USACE shall cease all work within a vicinity of the discovery and implement reasonable measures that avoid or minimize effects to the resource. Until a formal evaluation can be made of the cultural resource, they will be treated as a historic property eligible for listing to the NRHP.

B. USACE shall notify the consulting parties in writing within 48 hours of the discovery and request their participation to consult under 36 C.F.R. Part 800.13, Post Review Discoveries. Minimally, the notification will include a description of the discovery, the events leading to the discovery, the steps being taken to avoid further damage to the discovery, anticipated effort to document and evaluate the discovery's historic significant and a list of consulting parties.

C. USACE will then evaluate the historic significance and the NHRP eligibility of the discovery, providing documentation in a letter report to consulting parties for a 30-day review and comment period. The following conditions will guide subsequent conditions in this process:

1. If the discovery is determined ineligible for the listing to the NRHP, then construction activities within the area of the discovery is permitted to continue with fourteen (14) calendar days from date the determination.
2. If it is determined that the cultural resource is eligible for listing to the NRHP, then the suspension of work will continue. USACE and consulting parties will determine the best course of action needed to avoid, minimize or mitigate adverse effects to the discovery.

3. If there is a disagreement on the appropriate course of action to address an unanticipated discovery or effects to an unanticipated discovery, then USACE shall initiate the dispute resolution process set forth in Stipulation III F above.

D. Procedures guiding the discovery of human remains and associated burial items will generally follow Stipulation VI A-C above. The North Carolina Commission of Indian Affairs and all Tribes with ancestral ties to the APE will be added as consulting parties for the discovery. No photographs or scientific analysis beyond the identification of the remains will be permitted. The treatment of these remains and associated items shall be guided by the ACHP *Policy Statement Regarding Treatment of Burial Sites, Human Remains, and Funerary Objects,* National Historic Preservation Act and its regulatory guidance (36 C.F.R. Part 800), U.S. Army Corps of Engineers, Policy Guidance Letter No. 57 (1998) Indian Sovereignty and Government-to-Government Relations with Indian Tribes and North Carolina General Statute Chapter 70, Article 3 *Unmarked Human Burial and Human Skeletal Remains Protection Act*.

E. The following language shall be included in construction plans and specifications related to the proposed undertaking:

> "If human remains, suspected human remains, or indications of a burial and/or any unidentified and unanticipated cultural resource are discovered during the construction phase of the Project - including but not limited to archaeological sites, standing structures, properties of traditional religious and cultural significance to the Native American Tribes – the individual(s) who made the discovery shall immediately secure the vicinity and make a reasonable effort to avoid or minimize harm to the discovery, and notify the project's construction representative, Contracting Officer's Representative (COR) and USACE's cultural resources representative. If suspected human remains are discovered the individual must also notify local law enforcement, coroner/medical examiner, and the State Archaeologist. All activities shall cease within a minimum of 50-feet from the inadvertent discovery (50-foot radius 'no-work' buffer) until authorized by USACE."

VII. REPORTING REQUIREMENTS FOR THIS AGREEMENT

USACE shall provide signatories and concurring parties of this agreement an annual summary report of the work undertaken pursuant to this agreement. This report will include scheduling changes, problems encountered, project work completed, activities completed, and any objections and/or disputes received by USACE. The report shall be in memorandum format and continue until the project is completed and/or the agreement expires or is terminated.

VIII. DISPUTE RESOLUTION FOR THIS AGREEMENT

The following procedures shall be used to resolve disputes among signatories regarding the implementation of this agreement.

A. Should any signatory to this agreement object within thirty (30) days to any action proposed or any document provided for review, USACE shall consult with the objecting signatory to resolve the objection.

B. If USACE determines that the objection cannot be resolved within forty-five (45) days, USACE shall forward all documentation relevant to the dispute to the Council and request their recommendations or request the comments of the Council.

C. The Council shall provide USACE input on the resolution of the objection within thirty (30) calendar days of receiving adequate documentation. Any Council recommendations or comments provided in response will be considered in accordance with 36 C.F.R. Part 800.7(c), with reference only to the subject of the dispute. USACE shall respond to the Council's recommendations or comments indicating how they were considered prior to proceeding with the undertaking activities that are the subject to dispute. Responsibility to carry out all other Stipulations in this agreement that are not the subject of the dispute will remain unchanged.

D. If the Council does not provide its advice regarding the dispute within the thirty (30) calendar days, USACE may make a final decision on the dispute and proceed accordingly. Prior to reaching such a final decision, USACE shall prepare a written response that considers any timely comments regarding the dispute from the signatories to the PA and provide the signatories and the Council with a copy of such written response.

IX. WITHDRAWAL AND TERMINATION

A. Any signatory may withdraw its participation to this agreement through written notification to all signatories. The withdrawal will become effective thirty (30) calendar days after the written notification. The agreement will remain in effect for the remaining signatories.

B. Any signatory may request a termination of the agreement through written notification to all signatories. If agreed upon by the signatories, the agreement will be terminated within thirty (30) days of the written notification.

C. In the event of a termination to the agreement, USACE will be required to comply with Section 106 of the NHPA through the process outlined in Subpart B of 36 C.F.R. Part 800 on individual undertakings covered by this agreement.

X. DURATION AND SUNSET CLAUSE

A. This agreement shall take effect upon execution by USACE, the SHPO, and the Council (if participating) with the date of the final signature.

B. This agreement will continue for a period of ten years or until one of the following circumstances occur:

1. The proposed undertaking is complete and all terms are met, or
2. The proposed undertaking is terminated, or
3. Study authorization is rescinded, or
4. The agreement is extended through a written agreement and approval of all the signatories.

XI. AMENDMENT

A. This agreement can be amended with written approval of the signatories.

B. The amendments will be in effect on the date the amended agreement is filed with the Council.

XII. EXECUTION IN COUNTERPARTS

A. Completion of this agreement evidences that USACE has satisfied its responsibilities under Section 106 of the NHPA for the proposed undertaking.

B. This agreement may be executed in counterparts. A copy with all original executed signature affixed shall constitute the original agreement. The date of execution shall be the date of the signature of the last signatory to sign.

XIII. ANTI-DEFICIENCY ACT

All requirements set forth in this agreement requiring expenditure of funds by USACE are expressly subject to the availability of appropriations and the requirements of the Anti-Deficiency Act (31 U.S.C. Part 1341). No obligation undertaken by USACE under the terms of this agreement shall require or be interpreted to require a commitment to extend funds not appropriated for a particular purpose. If USACE cannot perform any obligation set forth in this PA because of unavailability of funds that obligation must be renegotiated among USACE and the signatories as necessary.

Reviewed by SHPO 5 JAN 2024

PROGRAMMATIC AGREEMENT AMONG THE U.S. ARMY CORPS OF ENGINEERS, WILMINGTON DISTRICT, THE NORTH CAROLINA STATE HISTORIC PRESERVATION OFFICER, AND THE ADVISORY COUNCIL ON HISTORIC PRESERVATION REGARDING THE TAR-PAMLICO RIVER BASIN FLOOD RISK MANAGEMENT STUDY

SIGNATORY

U.S. Army Corps of Engineers, Wilmington District

_____ _____

Col. Brad A. Morgan
Commander and District Engineer

Date

Reviewed by SHPO 5 JAN 2024

PROGRAMMATIC AGREEMENT AMONG THE U.S. ARMY CORPS OF ENGINEERS, WILMINGTON DISTRICT, THE NORTH CAROLINA STATE HISTORIC PRESERVATION OFFICER, AND THE ADVISORY COUNCIL ON HISTORIC PRESERVATION REGARDING THE TAR-PAMLICO RIVER BASIN FLOOD RISK MANAGEMENT STUDY

SIGNATORY

North Carolina State Historic Preservation Office

_____ _____

Dr. Darin Waters Date
State Historic Preservation Officer
North Carolina Department of Natural and Cultural Resources

Reviewed by SHPO 5 JAN 2024

PROGRAMMATIC AGREEMENT AMONG THE U.S. ARMY CORPS OF ENGINEERS, WILMINGTON DISTRICT, THE NORTH CAROLINA STATE HISTORIC PRESERVATION OFFICER, AND THE ADVISORY COUNCIL ON HISTORIC PRESERVATION REGARDING THE TAR-PAMLICO RIVER BASIN FLOOD RISK MANAGEMENT STUDY

SIGNATORY

Advisory Council on Historic Preservation

_____ _____

Reid Nelson
Executive Director

Date

Reviewed by SHPO 5 JAN 2024

PROGRAMMATIC AGREEMENT AMONG THE U.S. ARMY CORPS OF ENGINEERS, WILMINGTON DISTRICT, THE NORTH CAROLINA STATE HISTORIC PRESERVATION OFFICER, AND THE ADVISORY COUNCIL ON HISTORIC PRESERVATION REGARDING THE TAR-PAMLICO RIVER BASIN FLOOD RISK MANAGEMENT STUDY

CONCURRING PARTY

TBD

_____ _____

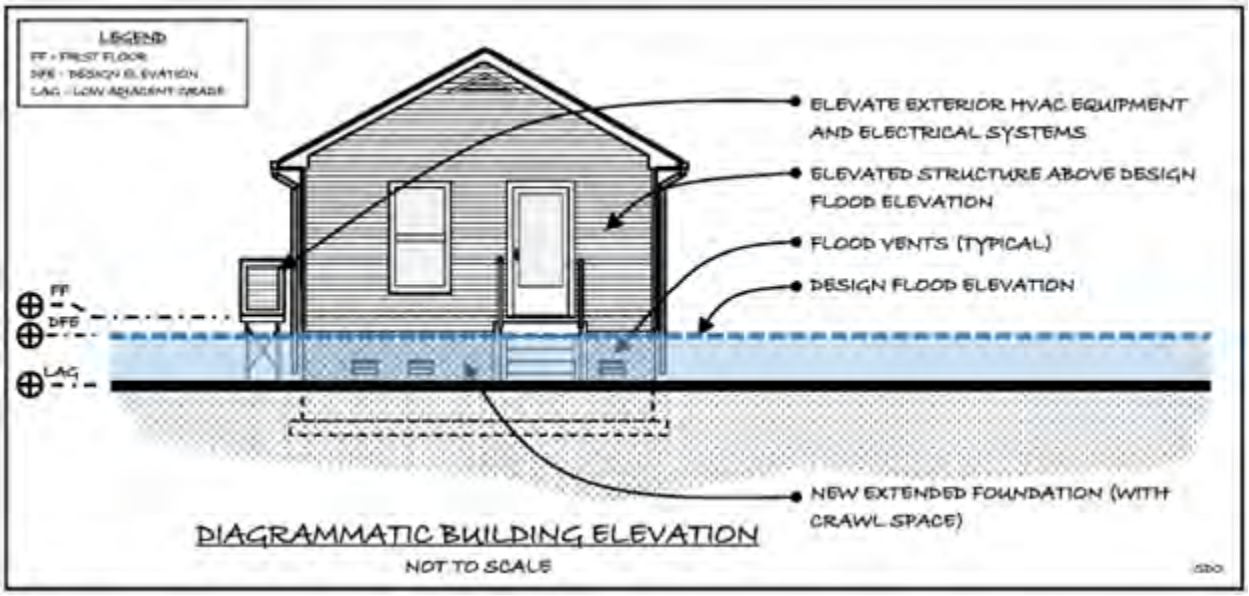
TBD Date
TBD

Appendix A

Non-Structural Measures Descriptions

Structure Elevation

Structure elevation consists of elevating a structure's habitable area above a specified flood elevation. The target elevation used for this study is the 1% annual exceedance probability (AEP) elevation plus two feet. Structures can be elevated on piers or on an extended foundation—the latter also requires installation of flood vents. If a basement exists, it should be abandoned and filled.

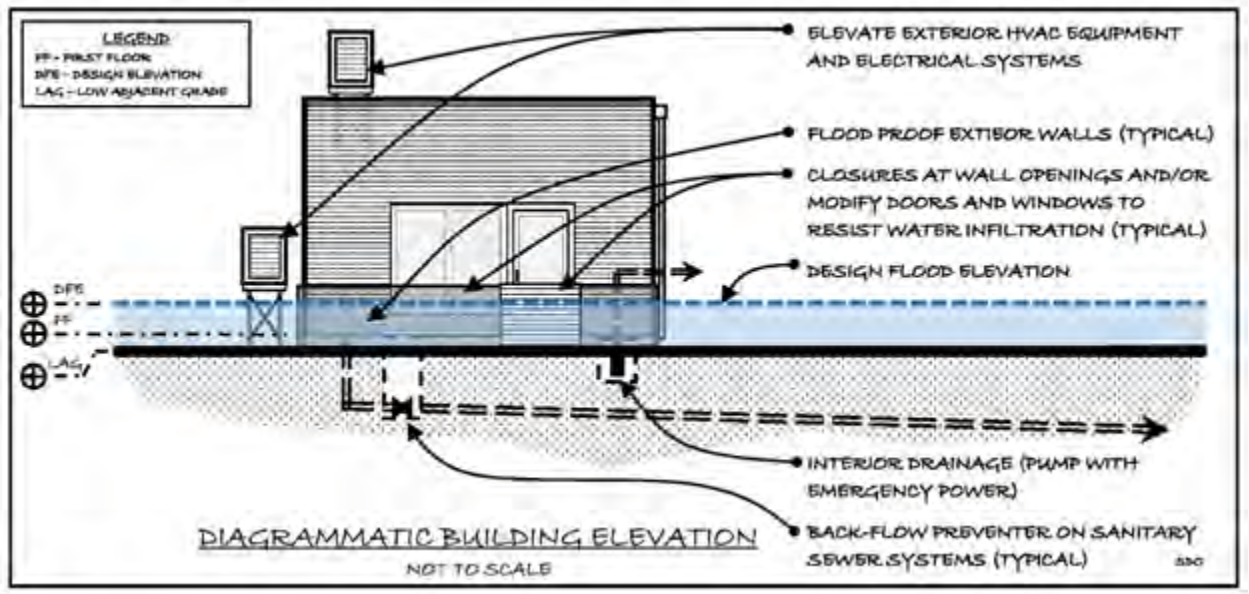


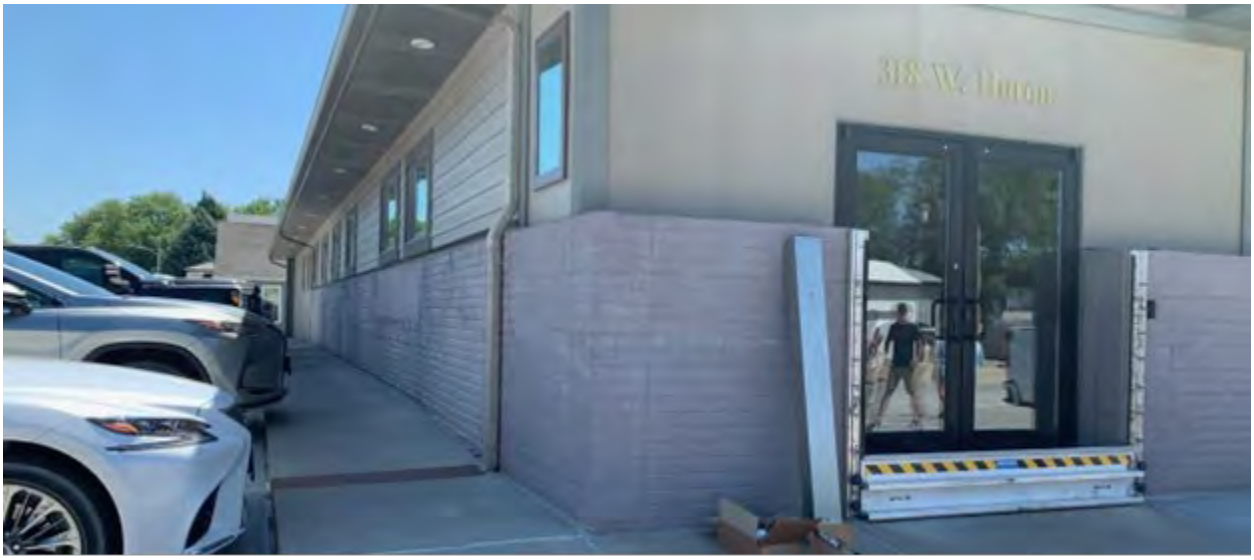
Diagrammatic building elevation (top) and example of an elevated house with flood vents (bottom).

Reviewed by SHPO 5 JAN 2024

Dry Floodproofing

Dry floodproofing consists of waterproofing the entire structure or portions of the structure. Structures can generally be dry floodproofed up to between 3 to 4 feet on the exterior walls. For this study, we assumed dry floodproofing to the 1% AEP flood elevation plus two feet or a maximum of four feet. Exterior walls would be floodproofed using waterproof membranes and protective veneer wall. A sump pump and drain system may be required as part of the project to remove seepage or interior drainage. Closure panels are required for all openings.





Dry floodproofing diagrammatic drawing (top) and example (bottom)

Reviewed by SHPO 5 JAN 2024

Appendix B

Structures proposed to be modified.

Structures in this table identified as potentially suitable for nonstructural measures. However additional structure-specific analysis will need to be conducted to determine final suitability during the second phase of this undertaking, which will occur at a later date if a project is authorized by Congress following Study completion.

ID	Address	County	Structure Type	Year Construction	45+ years	NRHP Eligibility	Proposed Non-Structural Measure
0	402 N Greene St	Pitt	Commercial	1983	No	Unevaluated	Dry Floodproof
1	402 N Greene St	Pitt	Commercial	1983	No	Unevaluated	Dry Floodproof
2	400 N Greene St	Pitt	Commercial	1976	Yes	Unevaluated	Dry Floodproof
3	699 N Greene St	Pitt	Industrial	1972	Yes	Unevaluated	Dry Floodproof
4	500 N Greene St	Pitt	Commercial	2013	No	Unevaluated	Dry Floodproof
5	0 Legion St	Pitt	Commercial	Unknown	TBD	Unevaluated	Dry Floodproof
6	699 N Greene St	Pitt	Industrial	1972	Yes	Unevaluated	Dry Floodproof
7	900 N Greene St	Pitt	Industrial	1930	Yes	Unevaluated	Dry Floodproof
8	699 N Greene St	Pitt	Industrial	1972	Yes	Unevaluated	Dry Floodproof
9	700 N Greene St	Pitt	Industrial	1965	Yes	Unevaluated	Dry Floodproof
10	699 N Greene St	Pitt	Industrial	1972	Yes	Unevaluated	Dry Floodproof
11	1201 Holly St	Pitt	Utility	Unknown	TBD	Unevaluated	Dry Floodproof
12	2030 Pactolus Hwy	Pitt	Residential	Unknown	TBD	Unevaluated	Elevate
13	1105 N Memorial Dr	Pitt	Commercial	1967	Yes	Unevaluated	Dry Floodproof
14	0 Legion St	Pitt	Commercial	1995	No	Unevaluated	Dry Floodproof

Reviewed by SHPO 5 JAN 2024

ID	Address	County	Structure Type	Year Construction	45+ years	NRHP Eligibility	Proposed Non-Structural Measure
15	0 Legion St	Pitt	Commercial	1995	No	Unevaluated	Dry Floodproof
16	1105 N Memorial Dr	Pitt	Industrial	1967	Yes	Unevaluated	Dry Floodproof
17	1105 N Memorial Dr	Pitt	Utility	1967	Yes	Unevaluated	Dry Floodproof
18	1105 N Memorial Dr	Pitt	Utility	1967	Yes	Unevaluated	Dry Floodproof
19	1003 Legion St	Pitt	Residential	1985	No	Unevaluated	Elevate Flood Vent
20	0 Legion St	Pitt	Commercial	1995	No	Unevaluated	Dry Floodproof
21	311 Old River Rd	Pitt	Commercial	1981	No	Unevaluated	Dry Floodproof
22	1105 N Memorial Dr	Pitt	Industrial	1967	Yes	Unevaluated	Dry Floodproof
23	0 Legion St	Pitt	Commercial	1995	No	Unevaluated	Dry Floodproof
24	0 Legion St	Pitt	Commercial	1995	No	Unevaluated	Dry Floodproof
25	1105 N Memorial Dr	Pitt	Industrial	1967	Yes	Unevaluated	Dry Floodproof
26	1301 Melody Ln	Pitt	Utility	Unknown	TBD	Unevaluated	Dry Floodproof
27	234 W Dudley St	Pitt	Commercial	1978	Yes	Unevaluated	Dry Floodproof
28	1410 N Pitt St	Pitt	Residential	1930	Yes	Unevaluated	Elevate Flood Vent
29	1002 N PITT ST	Pitt	Industrial	1952	Yes	Unevaluated	Dry Floodproof
30	102 Airport Rd	Pitt	Commercial	1980	No	Unevaluated	Dry Floodproof
31	1200 N Greene St	Pitt	Commercial	1980	No	Unevaluated	Dry Floodproof
32	400 Mumford Rd	Pitt	Residential	1966	Yes	Unevaluated	Elevate Flood Vent
33	801 Mumford Rd	Pitt	Industrial	1979	Yes	Unevaluated	Dry Floodproof

Reviewed by SHPO 5 JAN 2024

ID	Address	County	Structure Type	Year Construction	45+ years	NRHP Eligibility	Proposed Non-Structural Measure
34	708 Mumford Rd	Pitt	Commercial	1987	No	Unevaluated	Dry Floodproof
35	801 Mumford Rd	Pitt	Industrial	1979	Yes	Unevaluated	Dry Floodproof
36	1401 Mill St	Pitt	Residential	2000	No	Unevaluated	Elevate
37	1310 Van Dyke St	Pitt	Residential	1953	Yes	Unevaluated	Elevate Flood Vent
38	507 Mumford Rd	Pitt	Residential	1958	Yes	Unevaluated	Elevate
39	716 Mumford Rd	Pitt	Residential	2000	No	Unevaluated	Elevate
40	601 Mumford Rd	Pitt	Residential	2000	No	Unevaluated	Elevate
41	801 Mumford Rd	Pitt	Industrial	1979	Yes	Unevaluated	Dry Floodproof
42	801 Mumford Rd	Pitt	Industrial	1979	Yes	Unevaluated	Dry Floodproof
43	1200 Meadowbrook Dr	Pitt	Industrial	1940	Yes	Unevaluated	Dry Floodproof
44	801 Mumford Rd	Pitt	Commercial	1979	Yes	Unevaluated	Dry Floodproof
45	801 Mumford Rd	Pitt	Industrial	1979	Yes	Unevaluated	Dry Floodproof
46	801 Mumford Rd	Pitt	Residential	1979	Yes	Unevaluated	Elevate
47	1218 Mumford Rd	Pitt	Commercial	1963	Yes	Unevaluated	Dry Floodproof
48	1108 Mumford Rd	Pitt	Commercial	1977	Yes	Unevaluated	Dry Floodproof
49	1214 Mumford Rd	Pitt	Commercial	1974	Yes	Unevaluated	Dry Floodproof
50	1210 Mumford Rd	Pitt	Commercial	1974	Yes	Unevaluated	Dry Floodproof
51	1216 Mumford Rd	Pitt	Industrial	1968	Yes	Unevaluated	Dry Floodproof

Reviewed by SHPO 5 JAN 2024

ID	Address	County	Structure Type	Year Construction	45+ years	NRHP Eligibility	Proposed Non-Structural Measure
52	1204 Mumford Rd	Pitt	Residential	1901	Yes	Unevaluated	Elevate
53	1206 Mumford Rd	Pitt	Public	1965	Yes	Unevaluated	Dry Floodproof
54	1600 N Greene St	Pitt	Residential	1940	Yes	Unevaluated	Elevate
55	1620 Pactolus Hwy	Pitt	Residential	1955	Yes	Unevaluated	Elevate Flood Vent
56	1375 Mumford Rd	Pitt	Residential	2000	No	Unevaluated	Elevate
57	1630 N Greene St	Pitt	Industrial	2022	No	Unevaluated	Dry Floodproof
58	1514 N Greene St	Pitt	Industrial	1952	Yes	Unevaluated	Dry Floodproof
59	1620 N Greene St	Pitt	Commercial	1960	Yes	Unevaluated	Dry Floodproof
60	1501 N Memorial Dr	Pitt	Industrial	1968	Yes	Unevaluated	Dry Floodproof
61	1630 N Greene St	Pitt	Industrial	2022	No	Unevaluated	Dry Floodproof
62	1612 Cody Ln	Pitt	Commercial	Unknown	TBD	Unevaluated	Dry Floodproof
63	144 W Gum Rd	Pitt	Residential	Unknown	TBD	Unevaluated	Elevate
64	1620 N Greene St	Pitt	Commercial	1960	Yes	Unevaluated	Dry Floodproof
65	0 Pollard St	Pitt	Industrial	1982	No	Unevaluated	Dry Floodproof
66	1630 N Greene St	Pitt	Commercial	2022	No	Unevaluated	Dry Floodproof
67	320 Pactolus Hwy	Pitt	Industrial	1950	Yes	Unevaluated	Dry Floodproof
68	330 Pactolus Hwy	Pitt	Industrial	1976	Yes	Unevaluated	Dry Floodproof
69	1784 Embarcadero Ave	Pitt	Residential	Unknown	TBD	Unevaluated	Elevate
70	1784 Embarcadero Ave	Pitt	Residential	Unknown	TBD	Unevaluated	Elevate

Reviewed by SHPO 5 JAN 2024

ID	Address	County	Structure Type	Year Construction	45+ years	NRHP Eligibility	Proposed Non-Structural Measure
71	1784 Embarcadero Ave	Pitt	Residential	Unknown	TBD	Unevaluated	Elevate
72	1784 Embarcadero Ave	Pitt	Residential	Unknown	TBD	Unevaluated	Elevate
73	1784 Embarcadero Ave	Pitt	Residential	Unknown	TBD	Unevaluated	Elevate
74	1784 Embarcadero Ave	Pitt	Residential	Unknown	TBD	Unevaluated	Elevate
75	1784 Embarcadero Ave	Pitt	Residential	Unknown	TBD	Unevaluated	Elevate
76	1784 Embarcadero Ave	Pitt	Residential	Unknown	TBD	Unevaluated	Elevate
77	1784 Embarcadero Ave	Pitt	Residential	Unknown	TBD	Unevaluated	Elevate
78	1784 Embarcadero Ave	Pitt	Residential	Unknown	TBD	Unevaluated	Elevate
79	1784 Embarcadero Ave	Pitt	Residential	Unknown	TBD	Unevaluated	Elevate
80	3251 Old River Rd	Pitt	Residential	1964	Yes	Unevaluated	Elevate
81	1784 Embarcadero Ave	Pitt	Residential	Unknown	TBD	Unevaluated	Elevate
82	1784 Embarcadero Ave	Pitt	Residential	Unknown	TBD	Unevaluated	Elevate
83	1784 Embarcadero Ave	Pitt	Residential	Unknown	TBD	Unevaluated	Elevate
84	1784 Embarcadero Ave	Pitt	Residential	Unknown	TBD	Unevaluated	Elevate
85	1784 Embarcadero Ave	Pitt	Residential	Unknown	TBD	Unevaluated	Elevate
86	1784 Embarcadero Ave	Pitt	Residential	Unknown	TBD	Unevaluated	Elevate
87	1784 Embarcadero Ave	Pitt	Residential	Unknown	TBD	Unevaluated	Elevate
88	1784 Embarcadero Ave	Pitt	Residential	Unknown	TBD	Unevaluated	Elevate
89	3939 Old River Rd	Pitt	Residential	Unknown	TBD	Unevaluated	Elevate

Reviewed by SHPO 5 JAN 2024

ID	Address	County	Structure Type	Year Construction	45+ years	NRHP Eligibility	Proposed Non-Structural Measure
90	4022 Old River Rd	Pitt	Residential	1994	No	Unevaluated	Elevate
91	3079 DeLeon Ln	Nash	Residential	Unknown	TBD	Unevaluated	Elevate
92	1704 Graham St	Nash	Residential	1977	Yes	Unevaluated	Flood Vent
93	1001 Bethlehem Rd	Nash	Commercial	1955	Yes	Unevaluated	Dry Floodproof
94	1169 Nashville Rd	Nash	Commercial	1950	Yes	Unevaluated	Dry Floodproof
95	1169 Nashville Rd	Nash	Commercial	1950	Yes	Unevaluated	Dry Floodproof
96	3309 NC 33 NW	Edgecombe	Commercial	Unknown	TBD	Unevaluated	Dry Floodproof
97	141 Airport Rd	Edgecombe	Commercial	Unknown	TBD	Unevaluated	Dry Floodproof
98	3378 NC 33 NW	Edgecombe	Commercial	Unknown	TBD	Unevaluated	Dry Floodproof
99	Airport Rd	Edgecombe	Industrial	Unknown	TBD	Unevaluated	Dry Floodproof
100	3334 NC 33 West	Edgecombe	Commercial	Unknown	TBD	Unevaluated	Dry Floodproof
101	3378 NC 33 NW	Edgecombe	Commercial	Unknown	TBD	Unevaluated	Dry Floodproof
102	Airport Rd	Edgecombe	Commercial	Unknown	TBD	Unevaluated	Dry Floodproof
103	529 Airport Rd	Edgecombe	Industrial	Unknown	TBD	Unevaluated	Dry Floodproof
104	529 Airport Rd	Edgecombe	Residential	Unknown	TBD	Unevaluated	Elevate Flood Vent
105	1663 E Northern Blvd Ext	Edgecombe	Industrial	Unknown	TBD	Unevaluated	Dry Floodproof
106	192 Lakeview Farm Ln	Nash	Commercial	1985	No	Unevaluated	Dry Floodproof
107	1712 Lafayette Cr	Nash	Residential	1961	Yes	Unevaluated	Elevate Flood Vent
108	192 Lakeview Farm Ln	Nash	Residential	1985	No	Unevaluated	Elevate Flood Vent

Reviewed by SHPO 5 JAN 2024

ID	Address	County	Structure Type	Year Construction	45+ years	NRHP Eligibility	Proposed Non-Structural Measure
109	100 Lakeview Farm Ln	Nash	Residential	1950	Yes	Unevaluated	Elevate Flood Vent
110	192 Lakeview Farm Ln	Nash	Residential	1985	No	Unevaluated	Flood Vent
111	1800 Stone Rose Dr	Nash	Commercial	1961	Yes	Unevaluated	Dry Floodproof
112	US 64 ALT West	Edgecombe	Residential	Unknown	TBD	Unevaluated	Elevate Flood Vent
113	733 N Taylor St	Nash	Residential	1959	Yes	Unevaluated	Elevate Flood Vent
114	322 Morgan St	Nash	Residential	1940	Yes	Unevaluated	Flood Vent
115	309 Morgan St	Nash	Residential	1950	Yes	Unevaluated	Flood Vent
116	213 Melton Dr	Nash	Commercial	1965	Yes	Unevaluated	Dry Floodproof
117	212 Melton Dr	Nash	Commercial	1973	Yes	Unevaluated	Dry Floodproof
118	950 Atlantic Ave	Edgecombe	Public	Unknown	TBD	Unevaluated	Dry Floodproof
119	101 Patrick Ct	Nash	Industrial	1996	No	Unevaluated	Dry Floodproof
120	116 N Circle Dr	Nash	Commercial	1976	Yes	Unevaluated	Dry Floodproof
121	111 Country Club Rd	Nash	Commercial	1986	No	Unevaluated	Dry Floodproof
122	2412 Sunset Ave	Nash	Commercial	1965	Yes	Unevaluated	Dry Floodproof
123	111 Country Club Rd	Nash	Commercial	1986	No	Unevaluated	Dry Floodproof
124	2501 Sunset Ave	Nash	Commercial	1966	Yes	Unevaluated	Dry Floodproof
125	111 Country Club Rd	Nash	Commercial	1986	No	Unevaluated	Dry Floodproof
126	117 Country Club Rd	Nash	Industrial	1976	Yes	Unevaluated	Dry Floodproof
127	111 Country Club Rd	Nash	Commercial	1986	No	Unevaluated	Dry Floodproof

Reviewed by SHPO 5 JAN 2024

ID	Address	County	Structure Type	Year Construction	45+ years	NRHP Eligibility	Proposed Non-Structural Measure
128	2509 Sunset Ave	Nash	Commercial	1951	Yes	Unevaluated	Dry Floodproof
129	2510 Sunset Ave	Nash	Commercial	1969	Yes	Unevaluated	Dry Floodproof
130	2518 Sunset Ave	Nash	Commercial	1960	Yes	Unevaluated	Dry Floodproof
131	109 Pinewood Ave	Nash	Residential	1969	Yes	Unevaluated	Elevate Flood Vent
132	114 Forest Hill Ave	Nash	Commercial	1920	Yes	Unevaluated	Dry Floodproof
133	550 N Wesleyan Blvd	Nash	Commercial	2018	No	Unevaluated	Dry Floodproof
134	2088 Stone Rose Dr	Nash	Commercial	1986	No	Unevaluated	Dry Floodproof
135	627 Tarrytown Ctr	Nash	Commercial	1910	Yes	Unevaluated	Dry Floodproof
136	627 Tarrytown Ctr	Nash	Commercial	1910	Yes	Unevaluated	Dry Floodproof
137	1131 Atlantic Ave	Edgecombe	Industrial	Unknown	TBD	Unevaluated	Dry Floodproof
138	1745 Harper St	Edgecombe	Industrial	Unknown	TBD	Unevaluated	Dry Floodproof
139	129 Stoney Creek Dr	Nash	Residential	1983	No	Unevaluated	Elevate Flood Vent
140	3301 Brookview Dr	Nash	Residential	1976	Yes	Unevaluated	Elevate Flood Vent
141	3309 Brookview Dr	Nash	Residential	1980	No	Unevaluated	Elevate
142	3305 Brookview Dr	Nash	Residential	1974	Yes	Unevaluated	Elevate Flood Vent
143	no physical address	Nash	Residential	1977	Yes	Unevaluated	Flood Vent
144	3441 Greenbriar Dr	Nash	Residential	1977	Yes	Unevaluated	Elevate Flood Vent
145	3068 Zebulon Rd	Nash	Residential	1983	No	Unevaluated	Flood Vent
146	3060 Zebulon Rd	Nash	Residential	1983	No	Unevaluated	Flood Vent

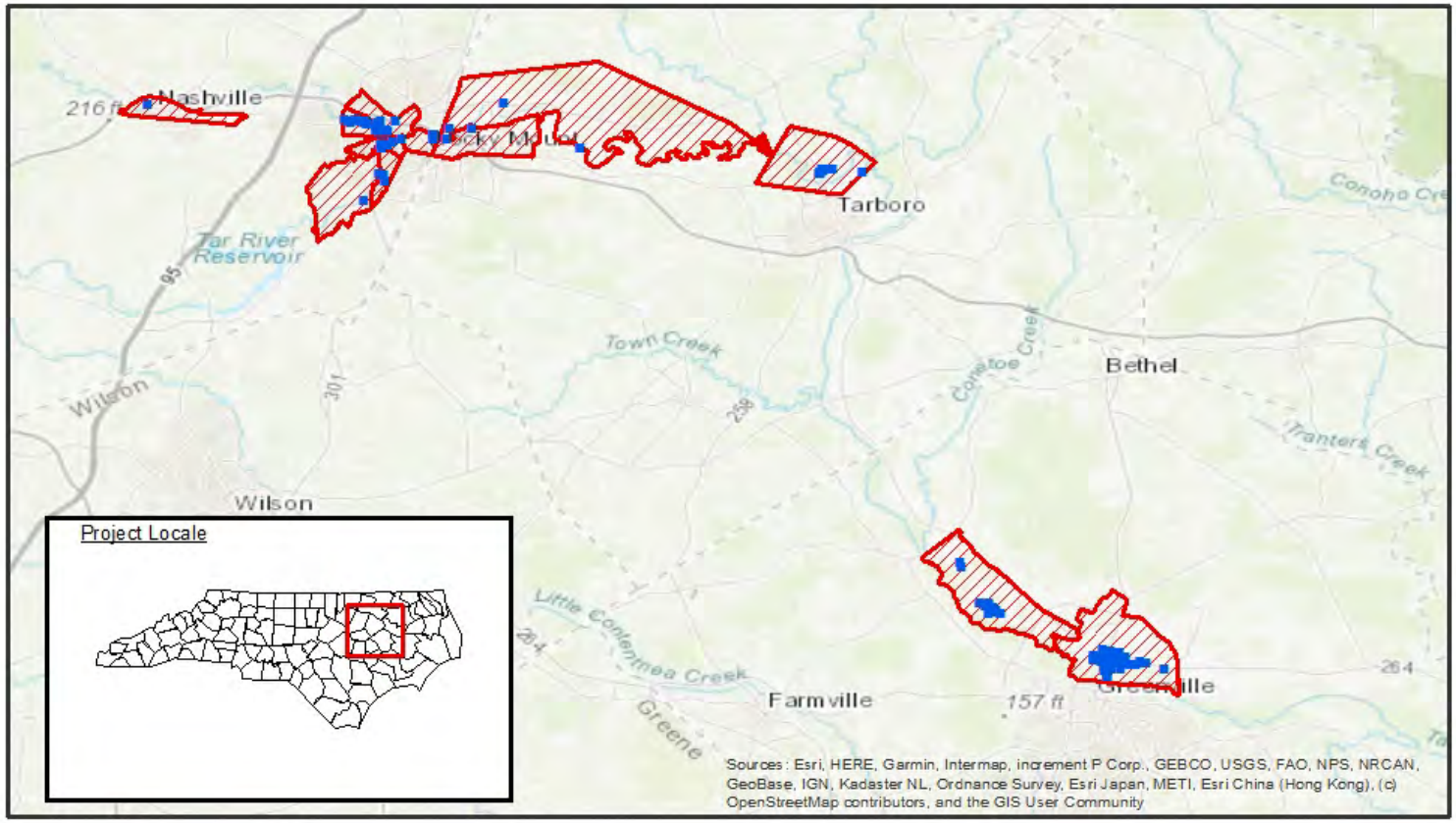
Reviewed by SHPO 5 JAN 2024

ID	Address	County	Structure Type	Year Construction	45+ years	NRHP Eligibility	Proposed Non-Structural Measure
147	3013 Zebulon Rd	Nash	Commercial	1988	No	Unevaluated	Dry Floodproof
148	3072 Zebulon Rd	Nash	Residential	1983	No	Unevaluated	Flood Vent
149	3064 Zebulon Rd	Nash	Residential	1983	No	Unevaluated	Elevate Flood Vent
150	3076 Zebulon Rd	Nash	Residential	1983	No	Unevaluated	Elevate Flood Vent
151	3186 Zebulon Rd	Nash	Commercial	1972	Yes	Unevaluated	Dry Floodproof
152	144 Country Club Rd	Nash	Residential	1953	Yes	Unevaluated	Elevate
153	521 Country Club Rd	Nash	Commercial	1910	Yes	Unevaluated	Dry Floodproof
154	101 Rowe Dr	Nash	Commercial	1995	No	Unevaluated	Dry Floodproof
155	303 W Washington St	Nash	Commercial	1910	Yes	Unevaluated	Dry Floodproof
156	10826 NC 97 West	Edgecombe	Industrial	Unknown	Unknown	Unevaluated	Dry Floodproof

Appendix C

Area of Potential Effects

Reviewed by SHPO 5 JAN 2024



Tar-Pamlico River Basin Flood Risk Management Study Area

Edgecombe, Nash, and Pitt Counties
North Carolina

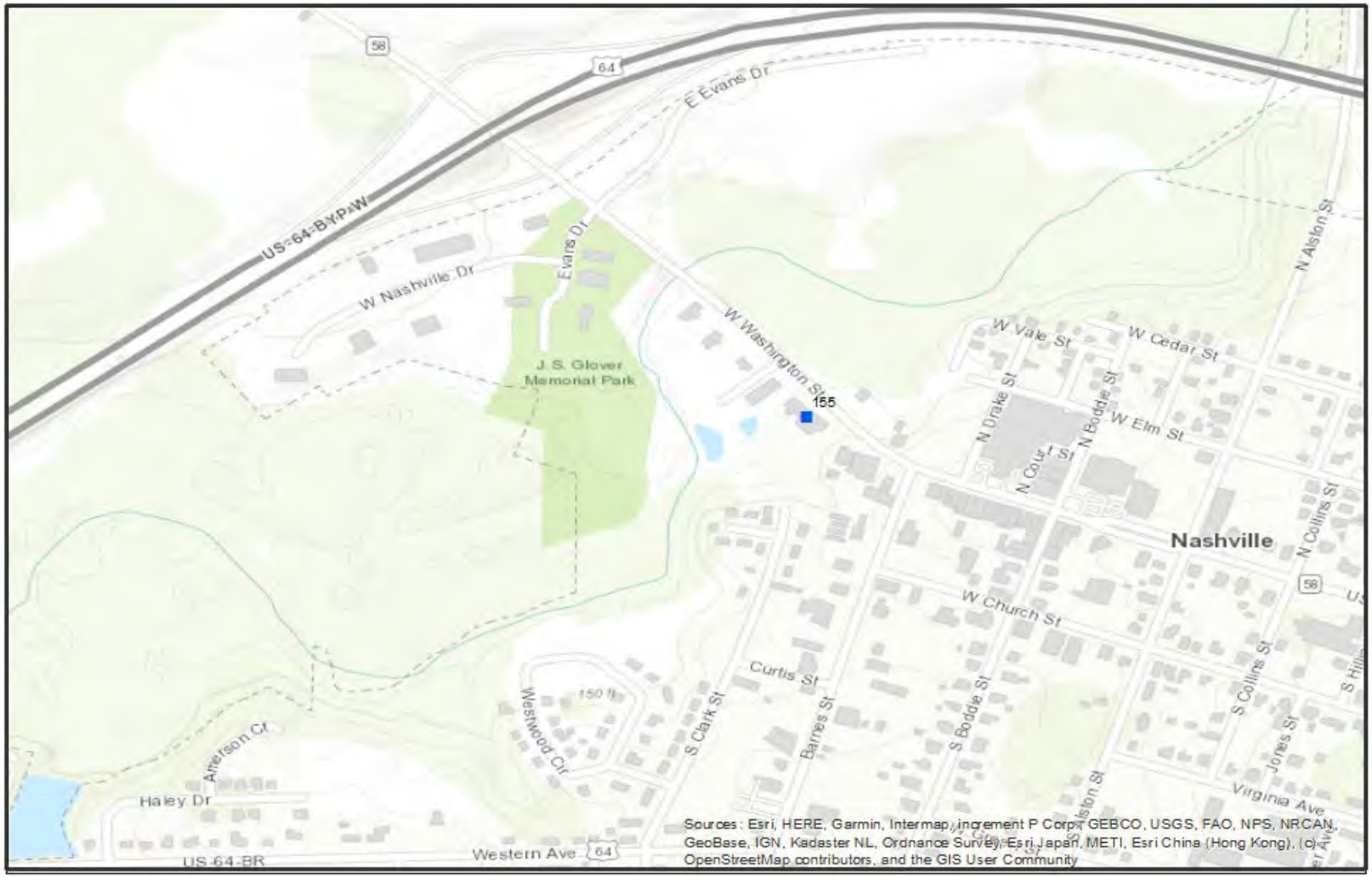
Structures proposed to be modified

Area of Potential Effects

Kilometers

0 2 4 8 12 16

Reviewed by SHPO 5 JAN 2024



Tar-Pamlico River Basin Flood Risk Management Study Area

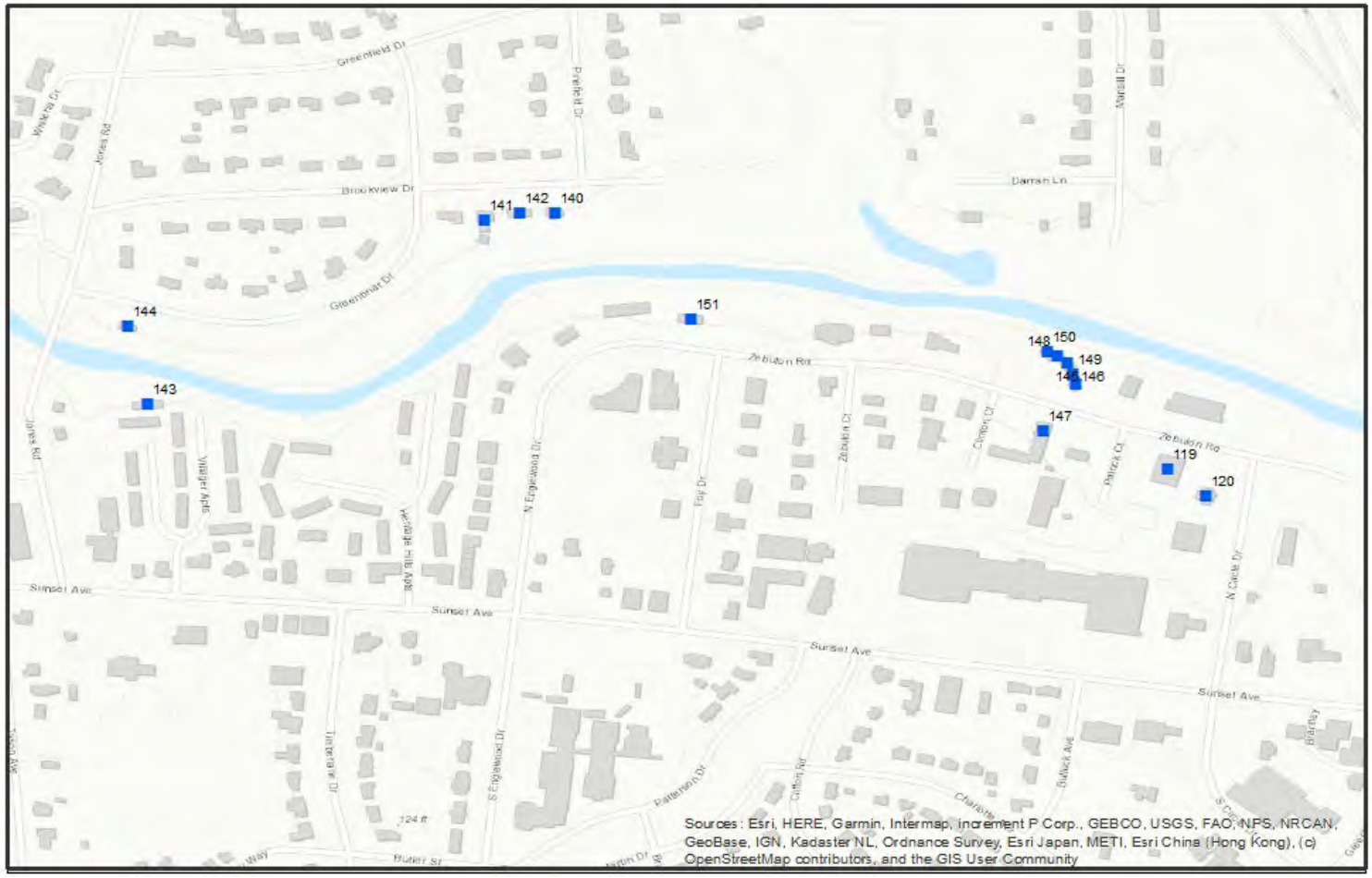
Nash County

Structures proposed to be modified

0 0.055 0.11 0.165 0.22 Miles

N

Reviewed by SHPO 5 JAN 2024



Tar-Pamlico River Basin Flood Risk Management Study Area

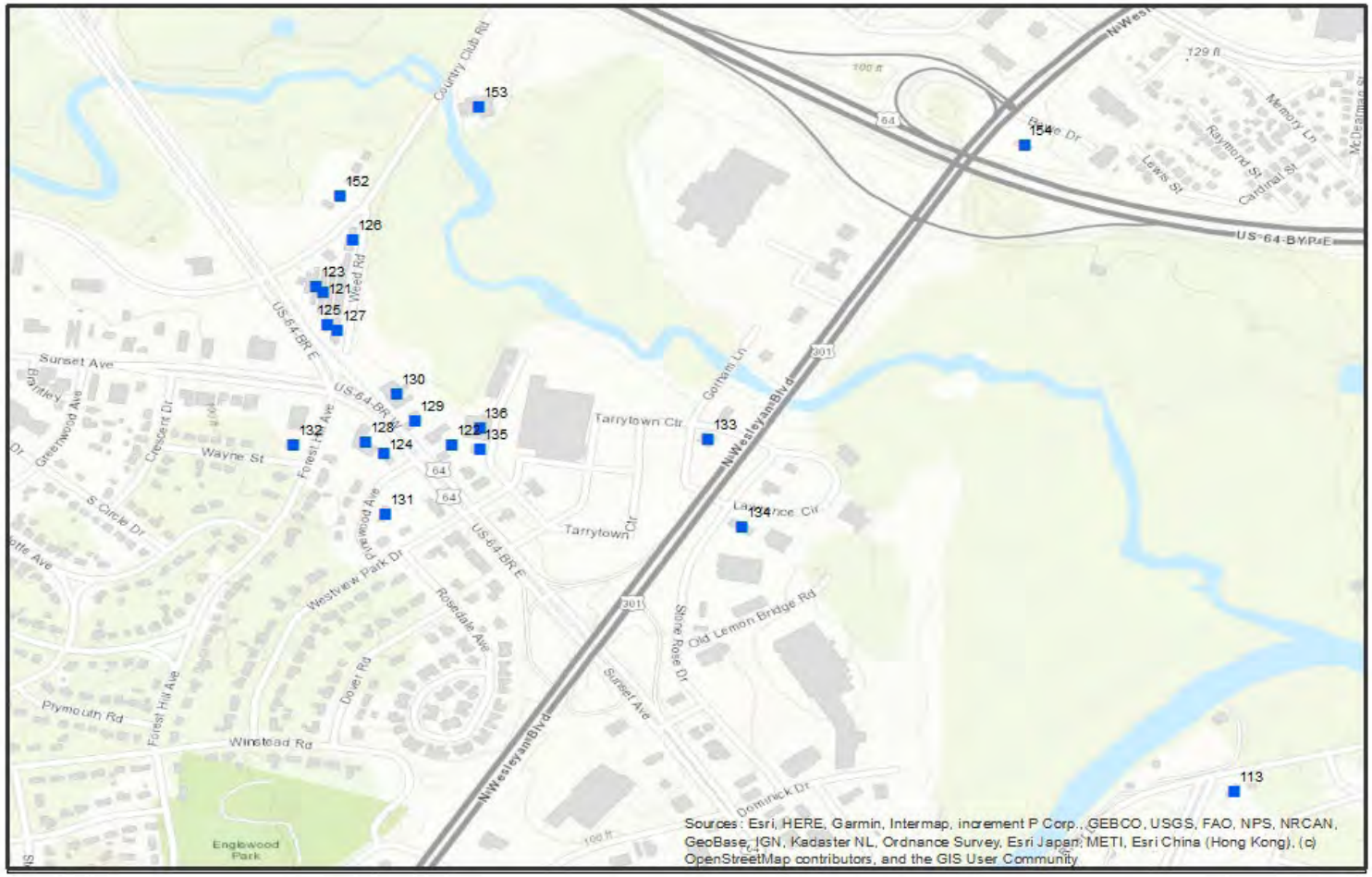
Nash County

Structures proposed to be modified

0 0.02 0.04 0.08 0.12 0.16 Miles

N

Reviewed by SHPO 5 JAN 2024



Tar-Pamlico River Basin Flood Risk Management Study Area

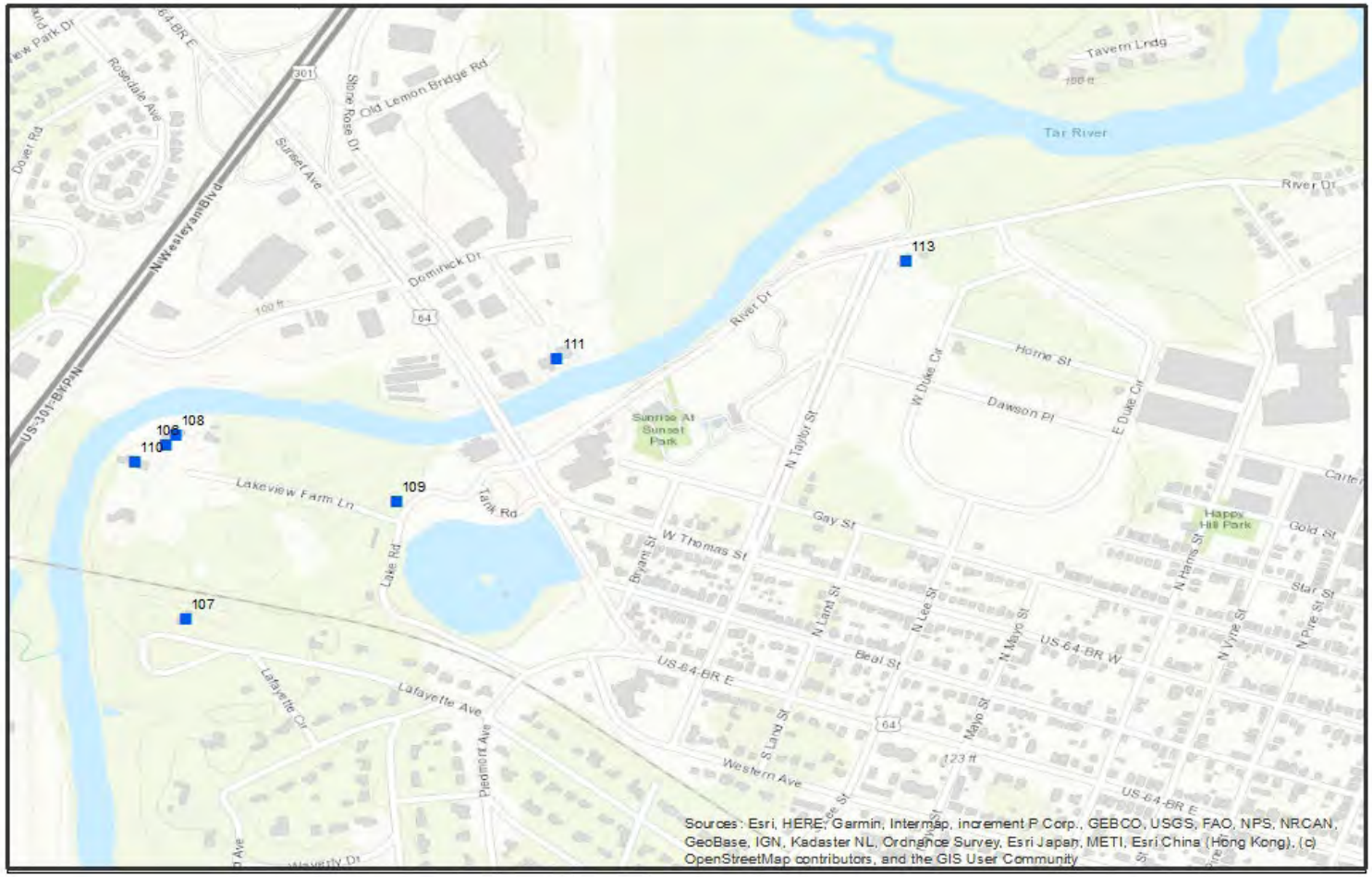
Nash County

Structures proposed to be modified

0 0.0325 0.065 0.13 0.195 0.26 Miles

N

Reviewed by SHPO 5 JAN 2024



Tar-Pamlico River Basin Flood Risk Management Study Area

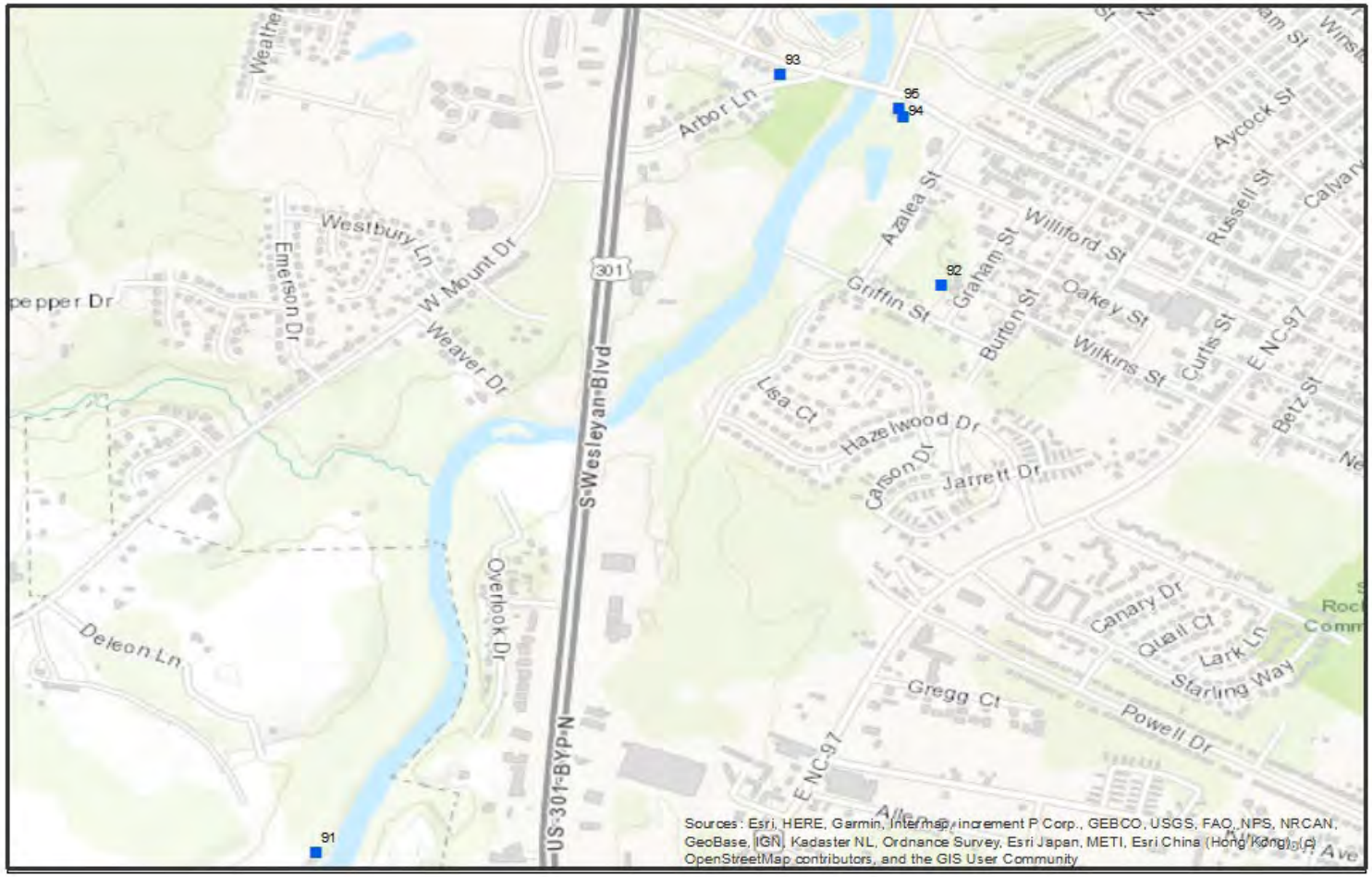
Nash County

Structures proposed to be modified

0 0.03 0.065 0.13 0.195 0.26 Miles

N

Reviewed by SHPO 5 JAN 2024



Tar-Pamlico River Basin Flood Risk Management Study Area

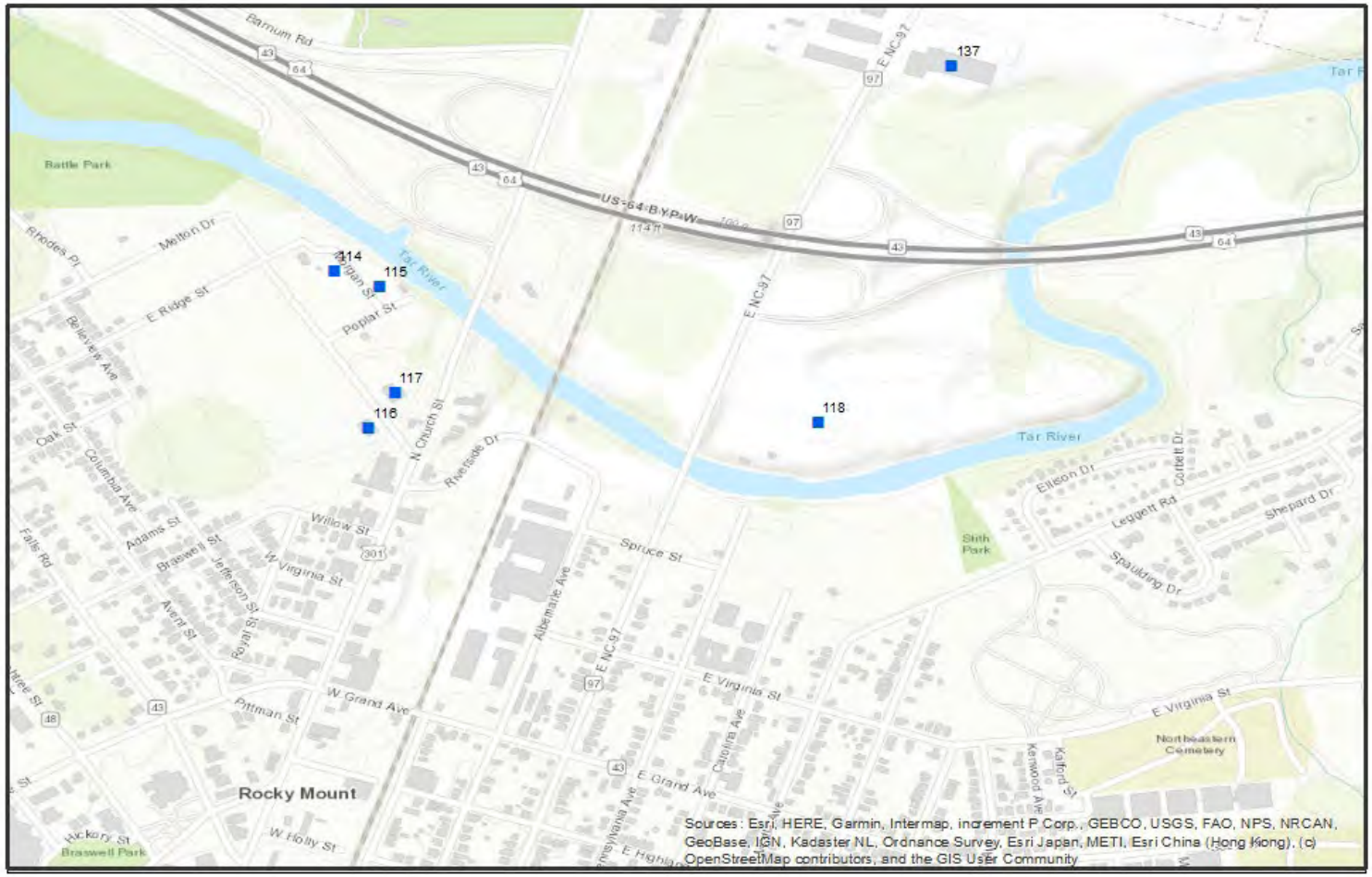
Nash County

Structures proposed to be modified

0 0.042 0.085 0.17 0.255 0.34 Miles

N

Reviewed by SHPO 5 JAN 2024



Tar-Pamlico River Basin Flood Risk Management Study Area

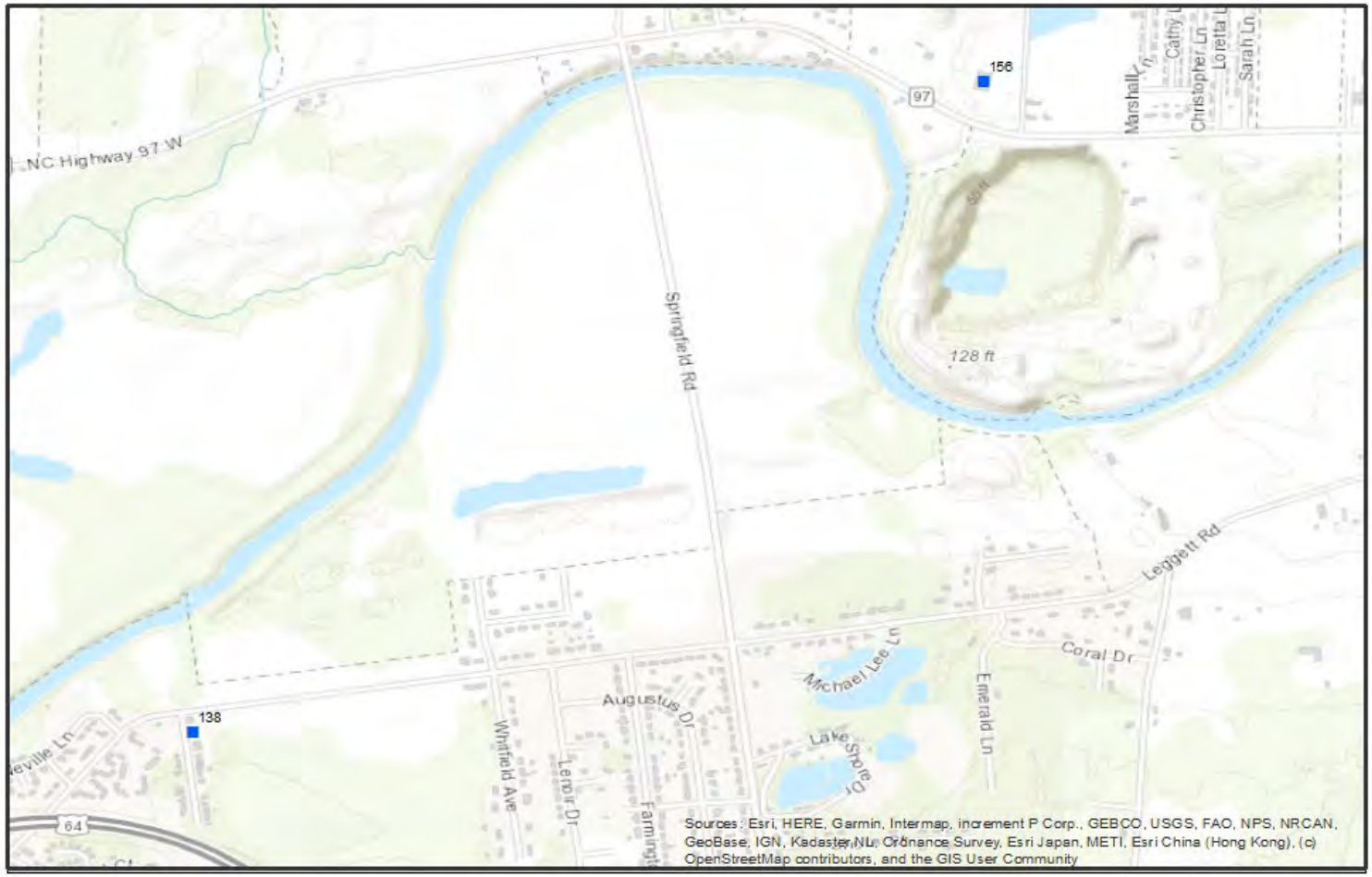
Nash and Edgecombe Counties

Structures proposed to be modified

0 0.03 0.065 0.13 0.195 0.26 Miles

N

Reviewed by SHPO 5 JAN 2024



Tar-Pamlico River Basin Flood Risk Management Study Area

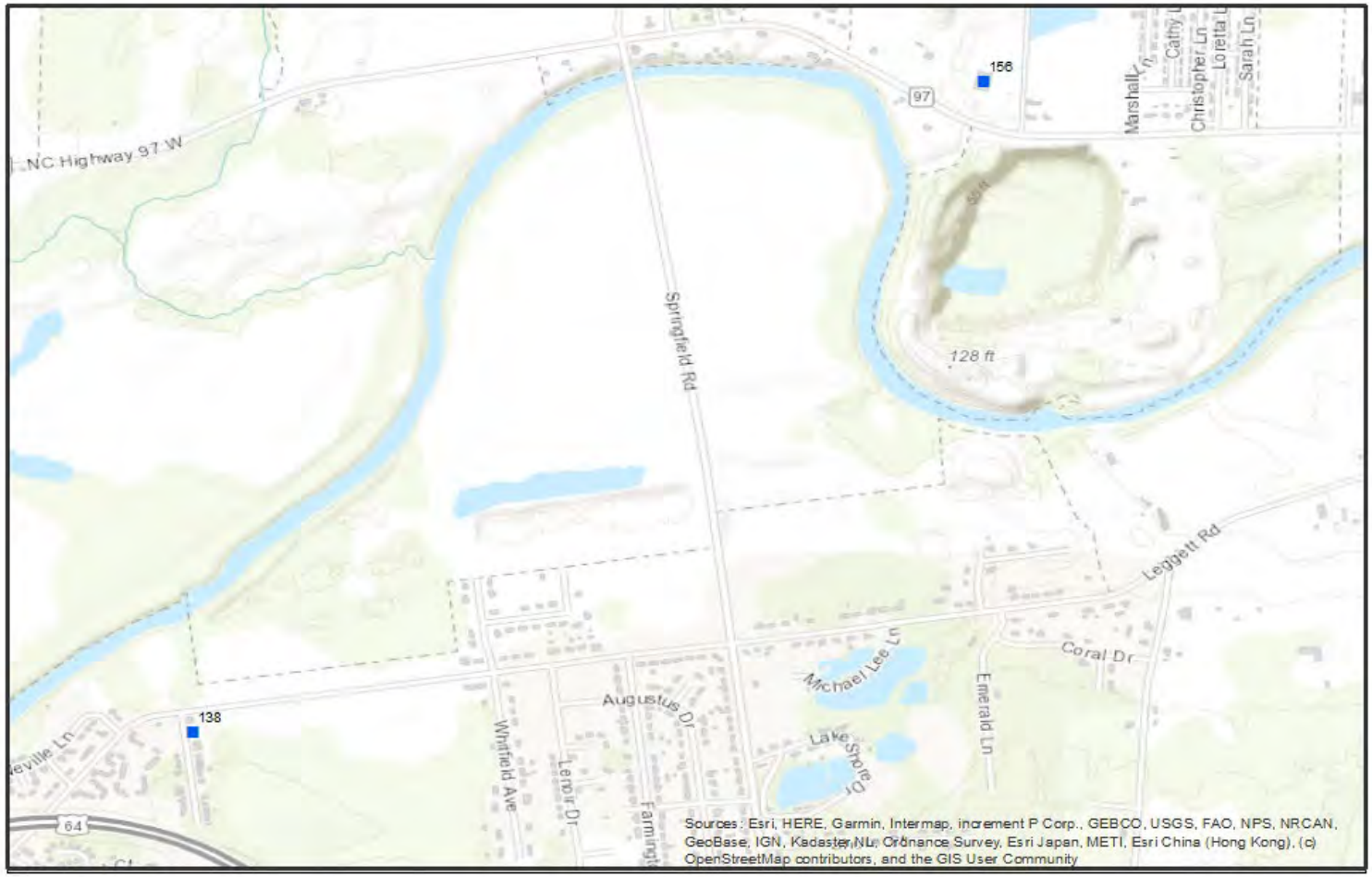
Edgecombe County

Structures proposed to be modified

0 0.05 0.1 0.2 0.3 0.4 Miles

N

Reviewed by SHPO 5 JAN 2024



Tar-Pamlico River Basin Flood Risk Management Study Area

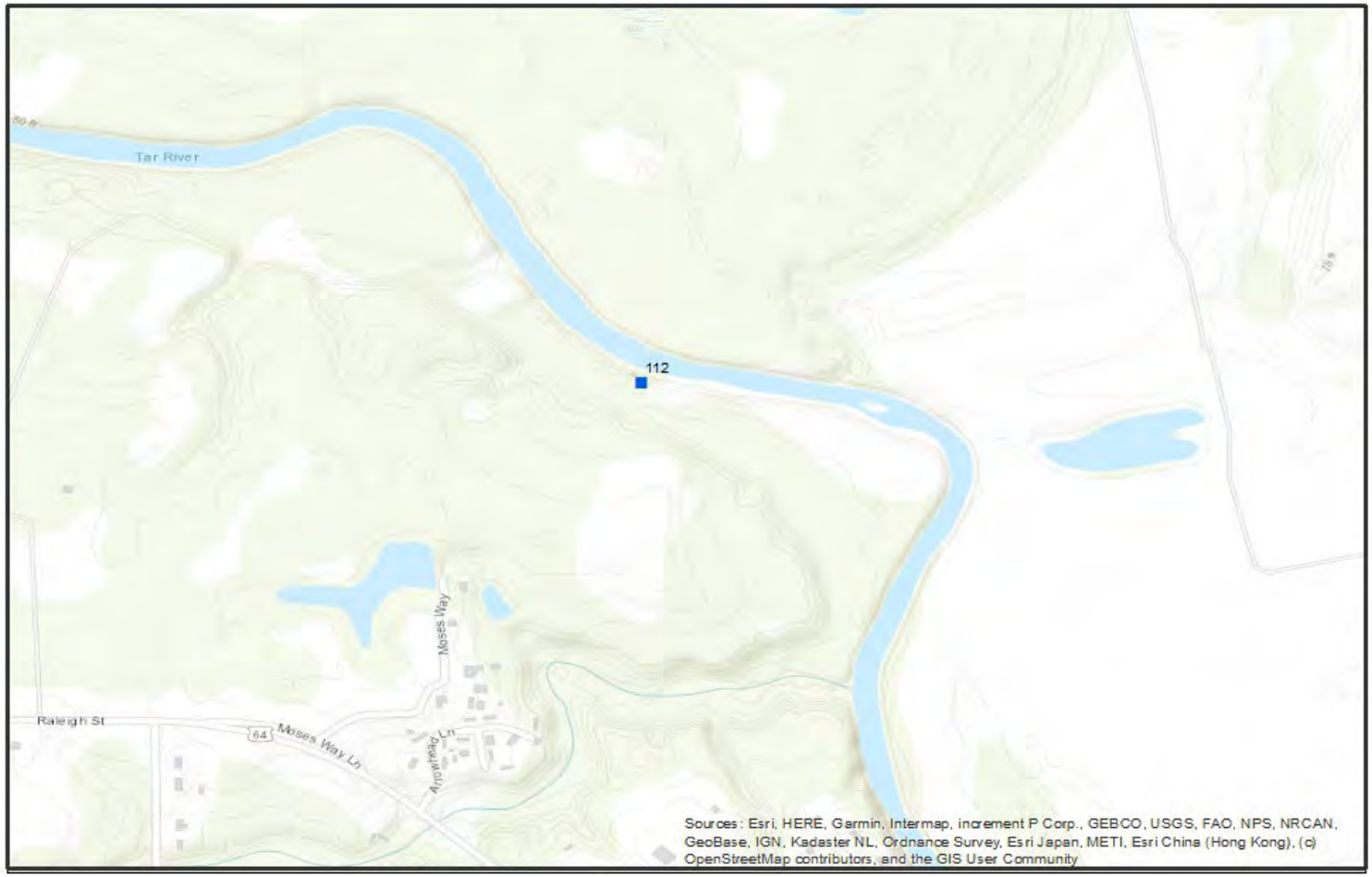
Edgecombe County

Structures proposed to be modified

0 0.05 0.1 0.2 0.3 0.4 Miles

N

Reviewed by SHPO 5 JAN 2024



Tar-Pamlico River Basin Flood Risk Management Study Area

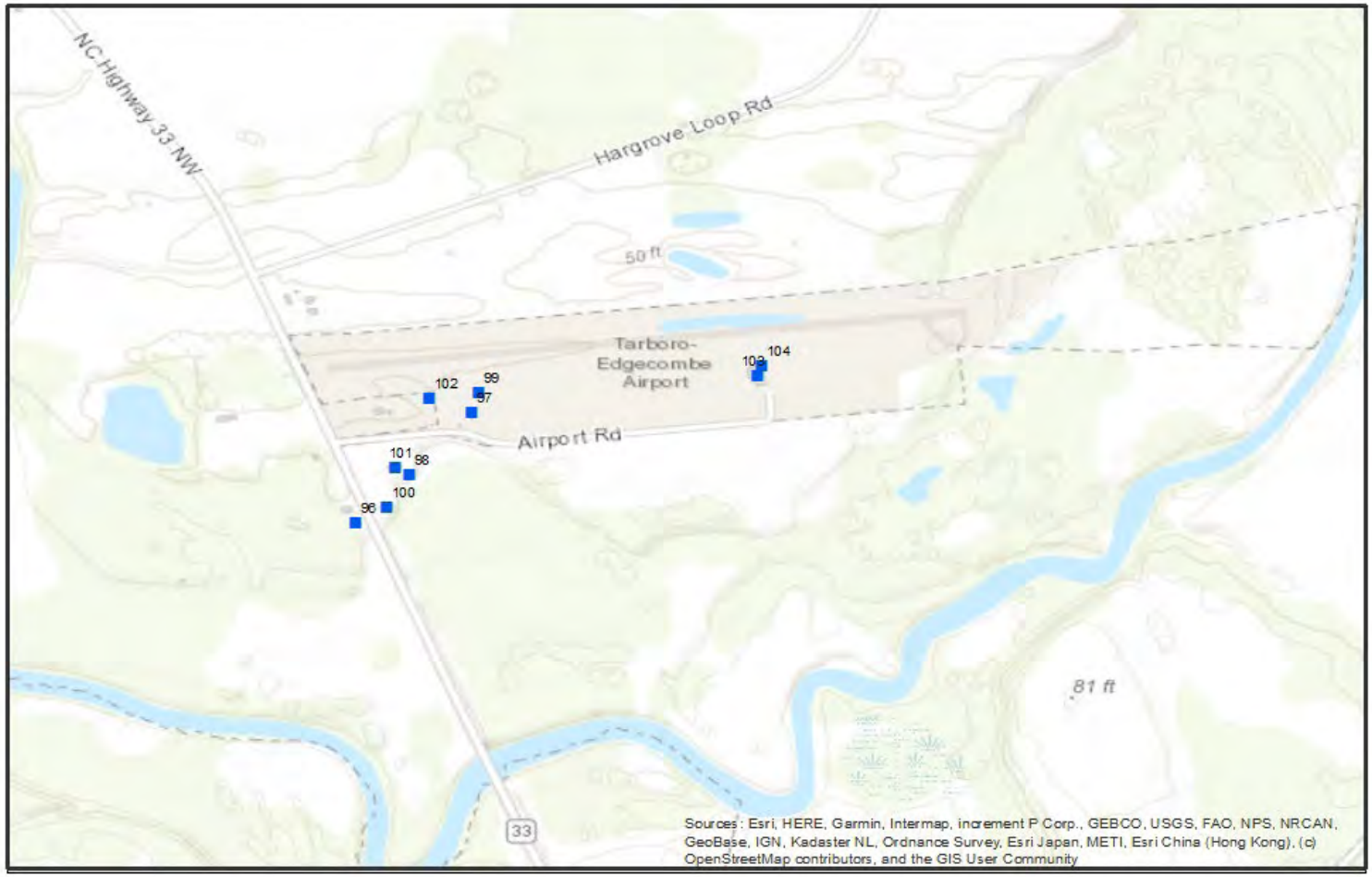
Edgecombe County

Structures proposed to be modified

0 0.03 0.065 0.13 0.195 0.26 Miles

N

Reviewed by SHPO 5 JAN 2024



Tar-Pamlico River Basin Flood Risk Management Study Area

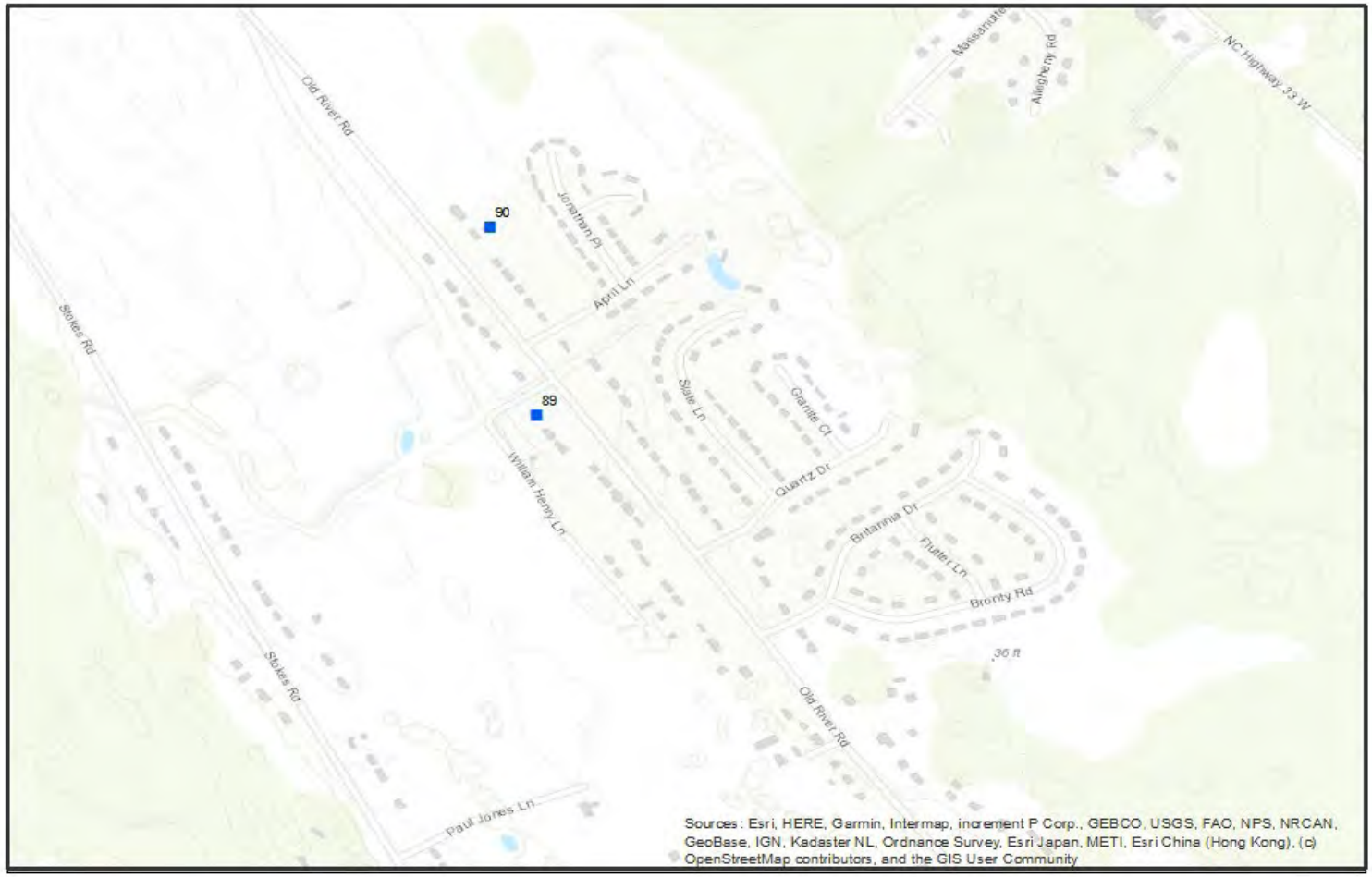
Edgecombe County

Structures proposed to be modified

0 0.042 0.085 0.17 0.255 0.34 Miles

N

Reviewed by SHPO 5 JAN 2024



Tar-Pamlico River Basin Flood Risk Management Study Area

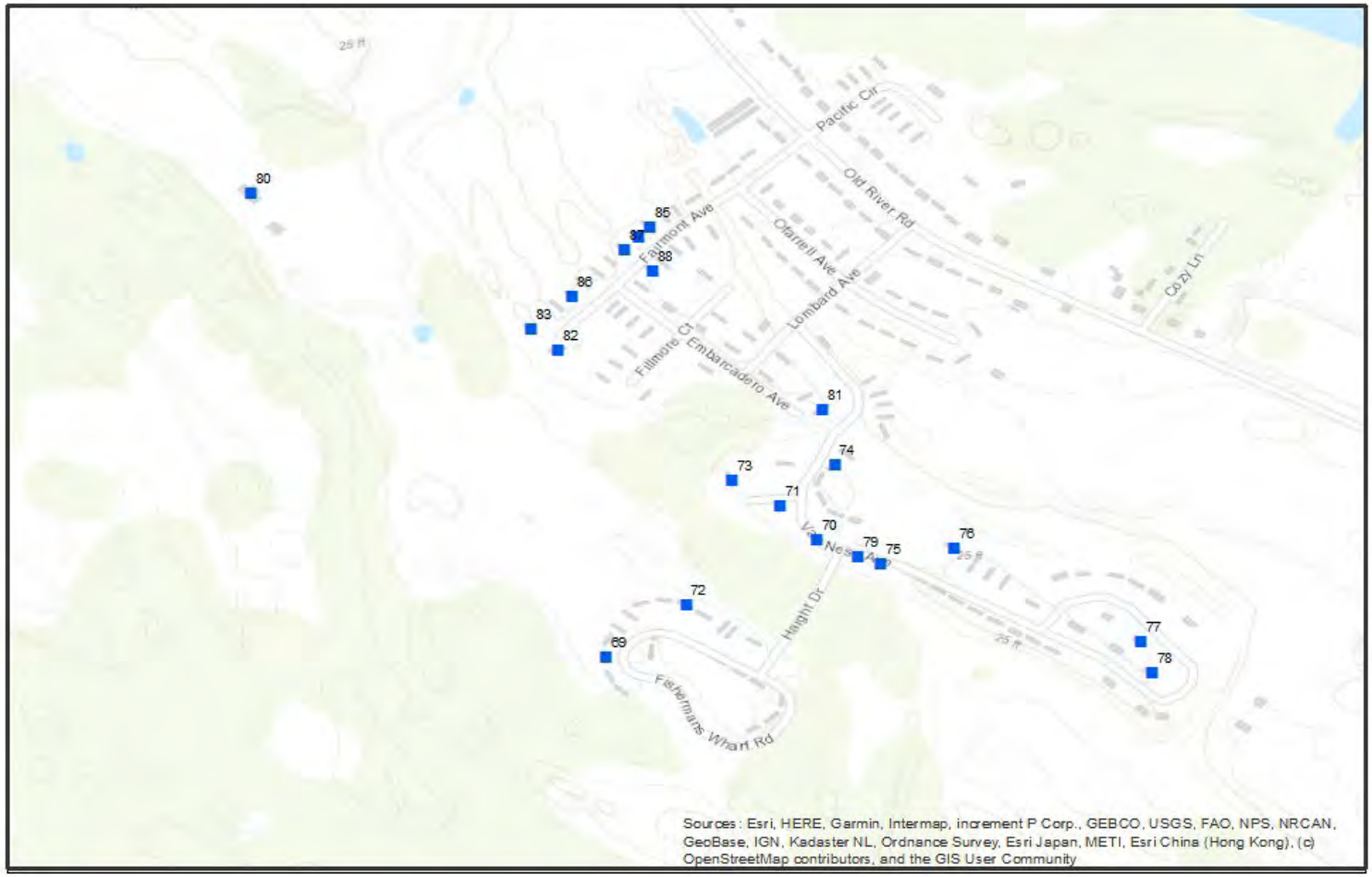
Pitt County

Structures proposed to be modified

0 0.03 0.065 0.13 0.195 0.26 Miles

N

Reviewed by SHPO 5 JAN 2024



Tar-Pamlico River Basin Flood Risk Management Study Area

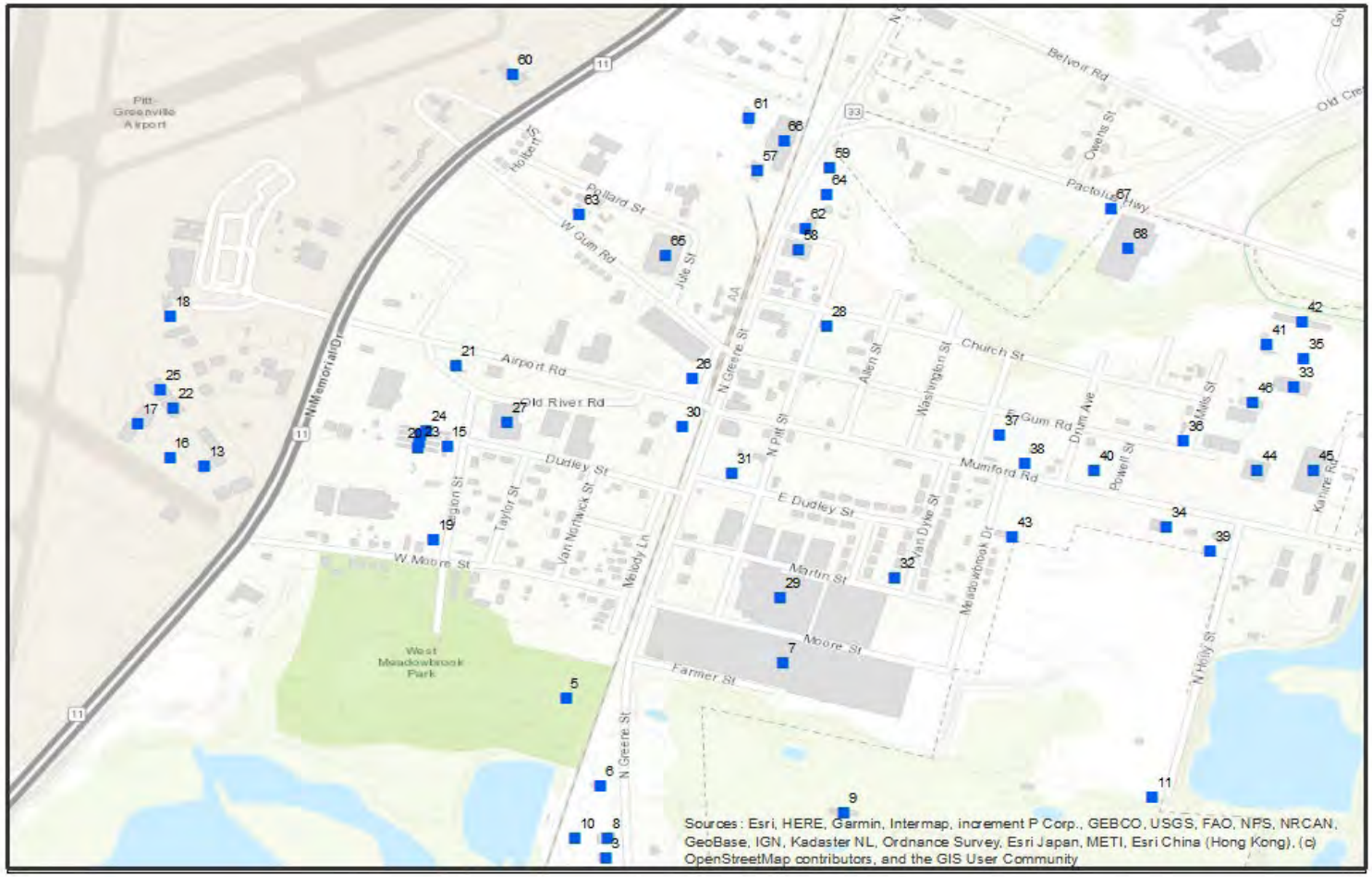
Pitt County

Structures proposed to be modified

0 0.030.06 0.12 0.18 0.24 Miles

N

Reviewed by SHPO 5 JAN 2024



Tar-Pamlico River Basin Flood Risk Management Study Area

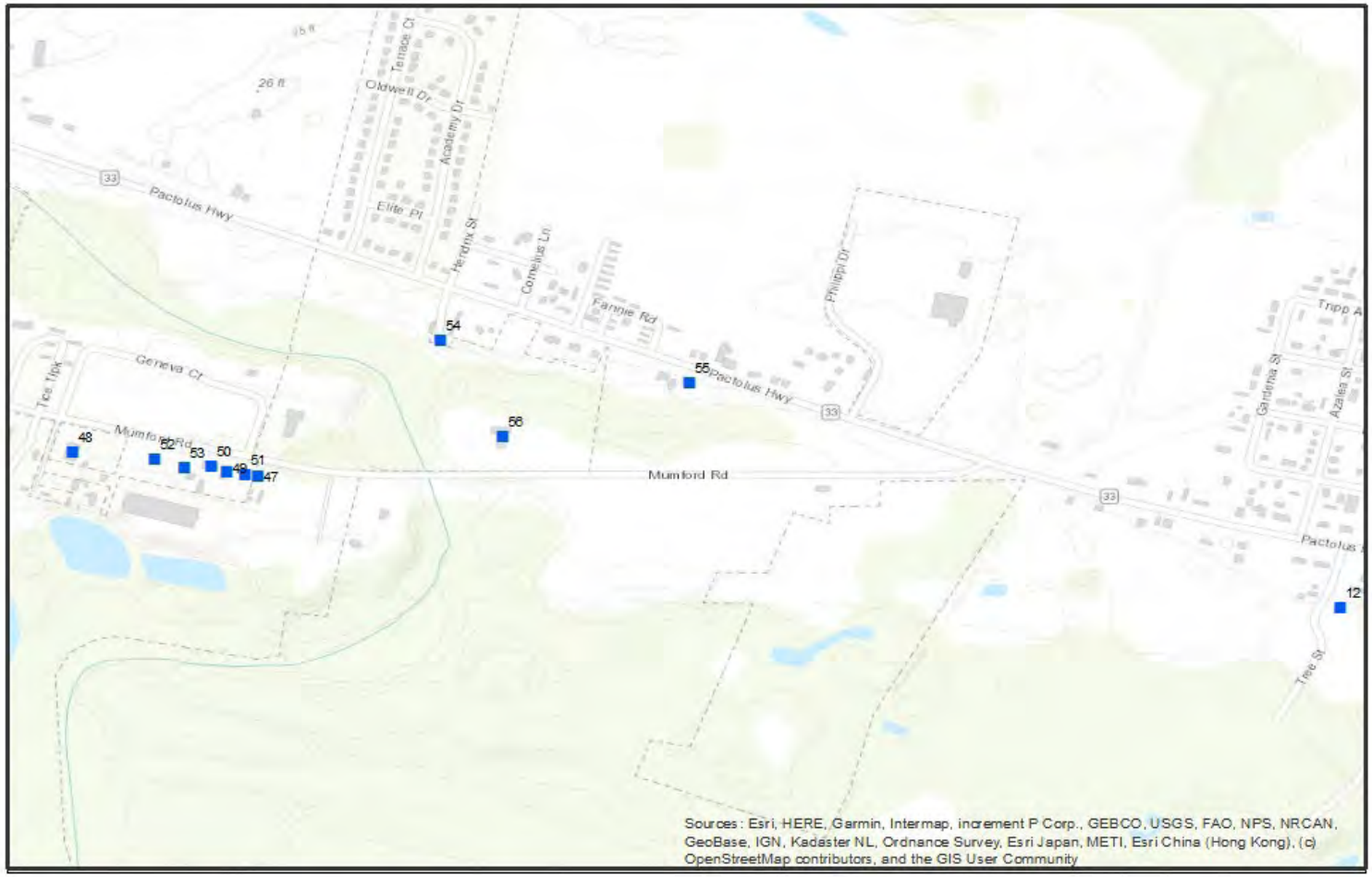
Pitt County

Structures proposed to be modified

0 0.03 0.065 0.13 0.195 0.26 Miles

N

Reviewed by SHPO 5 JAN 2024



Tar-Pamlico River Basin Flood Risk Management Study Area

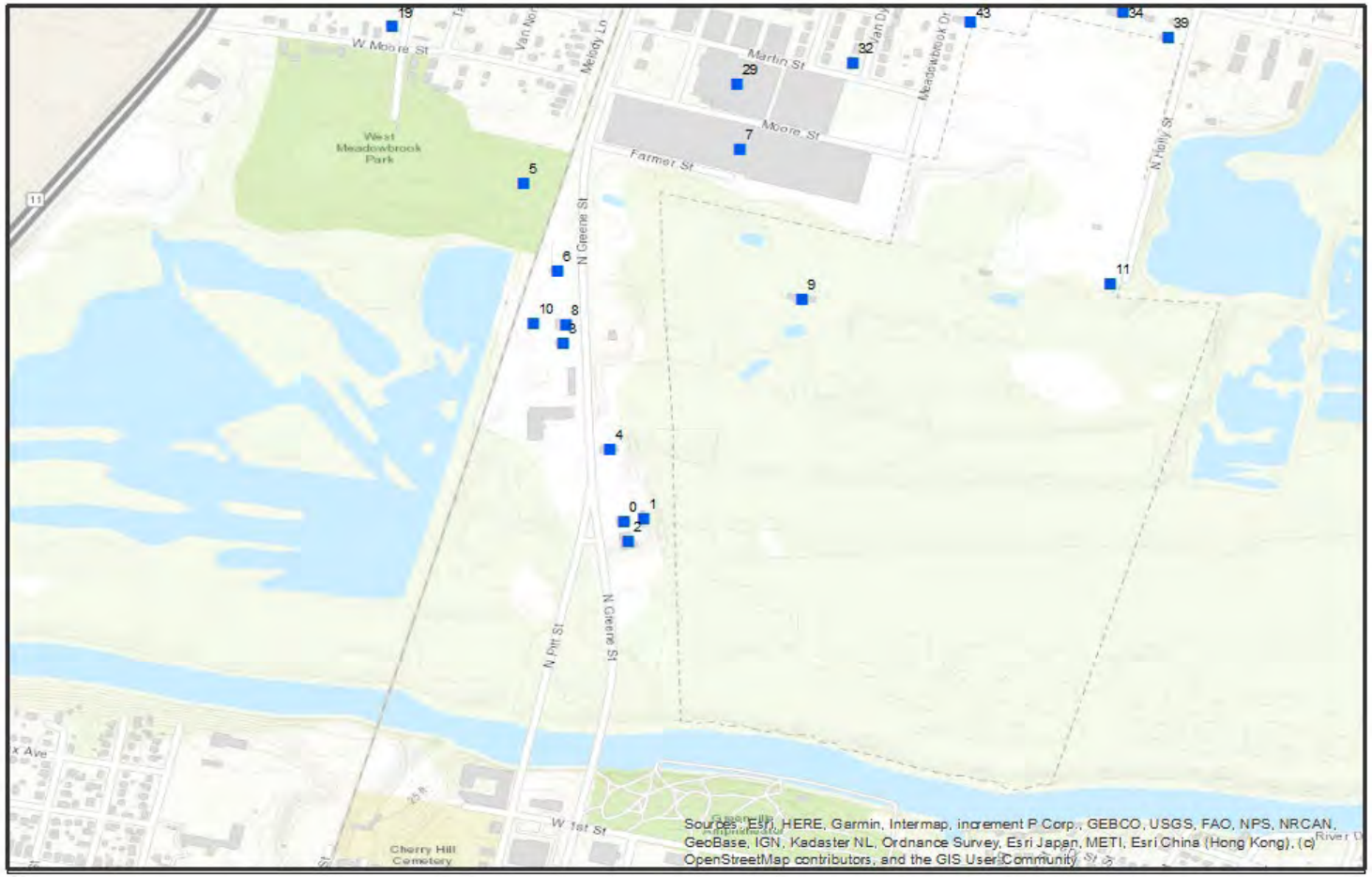
Pitt County

Structures proposed to be modified

0 0.03 0.065 0.13 0.195 0.26 Miles

N

Reviewed by SHPO 5 JAN 2024



Tar-Pamlico River Basin Flood Risk Management Study Area

Pitt County

Structures proposed to be modified

0 0.0325 0.065 0.13 0.195 0.26 Miles

N

Appendix D

Consulting Parties List

The table in this appendix includes a list of all entities that have been invited to participate as consulting parties in Section 106 consultation for this undertaking. The table indicates which entities have accepted the invitation to serve as consulting parties. The table also indicates which entities have accepted the invitation to serve as Signatory or Concurring Party to the PA.

		List of invited parties
Signatories		
	State Agency (Non-Federal Sponsor)	
	State Agency	NC State Historic Preservation Office
	Federal Agency	Advisory Council on Historic Preservation
Concurring Parties		
Invited but chose not to participate or not responded		
	Federally-recognized Tribe	Catawba Indian Nation
	Federally-recognized Tribe	Eastern Band of Cherokee Indians
	Federally-recognized Tribe	Monacan Indian Nation
	Federally-recognized Tribe	United Keetoowah Band of Cherokee Indians in Oklahoma
	Federally-recognized Tribe	Cherokee Nation
	State Agency	NC Division of State Historic Sites and Properties
	State Agency	NC Commission of Indian Affairs
	State Agency	NC Office of Archaeology
	State-recognized Tribe	Meherrin Indians
	State-recognized Tribe	Haliwa-Saponi Tribe
	Historic commission	Rocky Mount Historic Preservation Commission
	Historic commission	Greenville Historic Preservation Commission
	Historic commission	Tarboro Historic District Commission
	Archaeological society	NC Archaeological Society

Reviewed by SHPO 5 JAN 2024

Appendix E

Correspondence

DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, PITTSBURGH DISTRICT
1000 LIBERTY AVENUE
PITTSBURGH, PA 15222-4186

November 6, 2023

John Mintz
State Archaeologist
NC Office of Archaeology
4601 Mail Service Centr
Raleigh NC 27699

Dear Mr. Mintz:

The U.S. Army Corps of Engineers (USACE), Pittsburgh District is currently executing a flood risk management study within the Tar-Pamlico River Basin. The purpose of the Study is to address and recommend actions that reduce flood risk and increase resilience within the Tar-Pamlico River Basin. The Study was authorized by the House Committee on Transportation and Infrastructure Resolution adopted April 11, 2000, and the House Committee on Transportation and Infrastructure Resolution adopted May 21, 2003. The North Carolina Department of Environmental Quality is the non-Federal Sponsor for the Study. A draft integrated report that combines the feasibility study and National Environmental Policy Act (NEPA) compliance documentation is being prepared. This integrated report will identify the Recommended Plan and will address the plans effects on the natural and human environments.

During scoping, Ms. Michelle Zulauf, USACE archaeologist, reached out to your office with the purpose of gathering information about cultural resources within the Study area. At the time, the Study area included the region of the Tar River near the city of Washington, NC, as well as the area along the Pamlico River immediately downstream of the city of Washington, approximately 3,327,575 acres. However, through the course of the Study, the region near Washington was determined to be affected by combined coastal flooding and riverine flooding. As coastal flooding mitigation was beyond the scope and authority of the current Study, the regions affected by coastal flooding were removed from consideration. Therefore, the new study area is approximately 94,509 acres and comprises the entire Tar River Basin in North Carolina to just above the town of Washington, in Edgecombe, Nash and Pitt Counties.

Pursuant to Section 106 of the National Historic Preservation Act (NHPA) (54 U.S.C. § 306108), and its implementing regulations (36 C.F.R. § 800), the USACE has determined that the Study constitutes an undertaking as defined in 36 C.F.R. § 800.16(y) and has a potential to affect historic properties listed on, or determined eligible for, the National Register of Historic Places under 36 C.F.R. § 800.3.

USACE has recommended a plan that incorporates a series of nonstructural measures that include structure elevation, floodproofing, or flood venting. Initial analysis has identified a total of 157 structures preliminarily suitable for nonstructural measures. Additional

structure-specific analysis will need to be conducted to determine final suitability of measures during the second phase of this undertaking, which will occur if implementation of the recommendation is authorized by Congress following Study completion.

Based on this information, USACE has determined that the Area of Potential Effects (APE) for this undertaking minimally includes the standing structures and adjacent grounds designated for modification and ground disturbing activities within the cities of Nashville in Nash County, Rocky Mount in Edgecombe and Nash Counties, and Greenville, in Pitt County, NC.

Based on feasibility-level design, USACE proposes the development of a Study-specific programmatic agreement (PA) to comply with Section 106 of the NHPA. USACE would like to invite your office to participate in the drafting of the PA and as an invited signatory, if desire. Other signatories of this PA will include NC Historic Preservation Office, NC Department of Environmental Quality, and the Advisory Council on Historic Preservation (if inclined to participate).

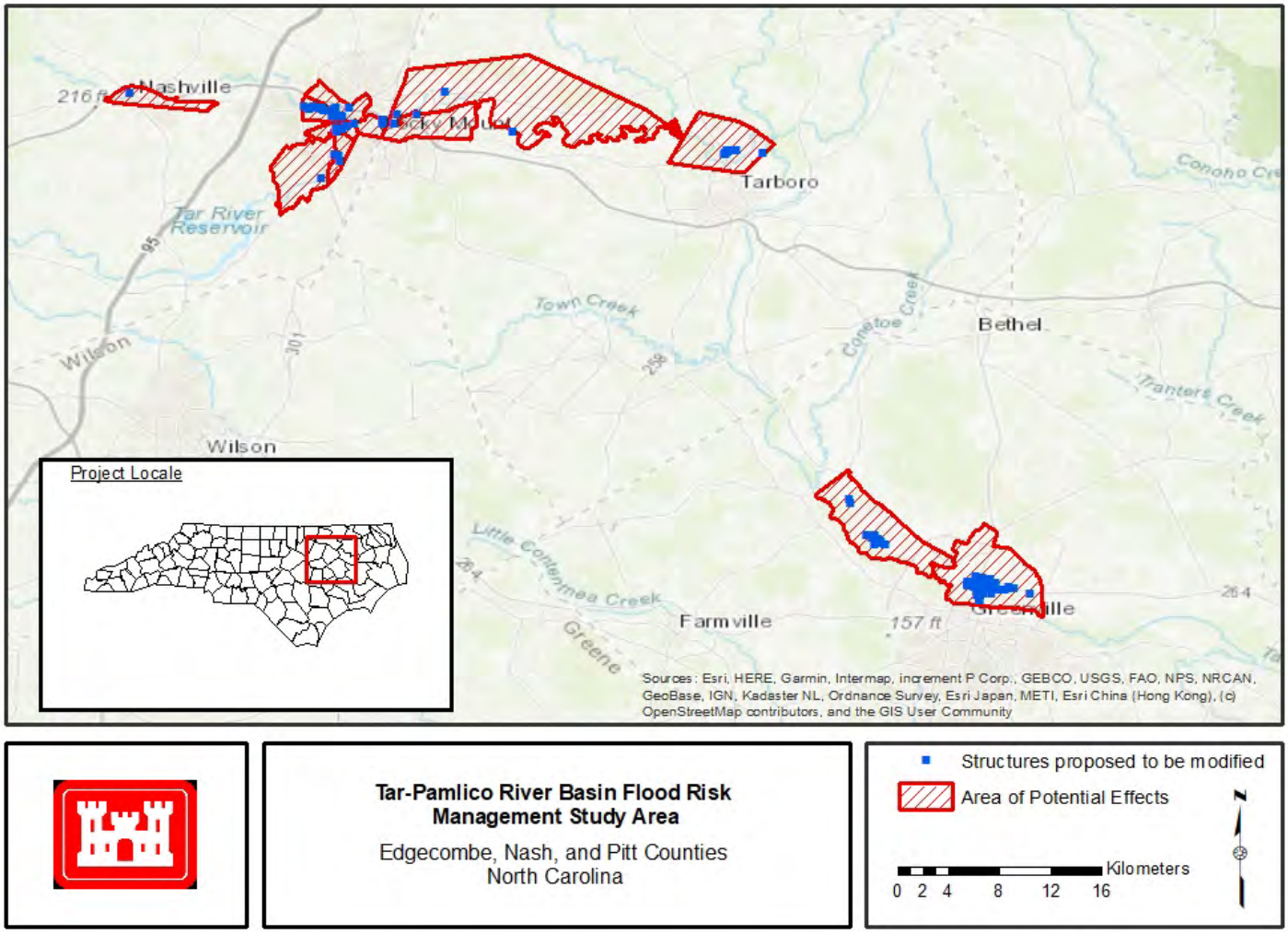
If you have any questions or require additional information, please contact Ms. Michelle Zulauf, District Archaeologist, at (412) 395-7521 or michelle.r.zulauf@usace.army.mil

Sincerely,

Marc Glowczewski, PE, PMP
Chief, Planning and Environmental Branch

Enclosures

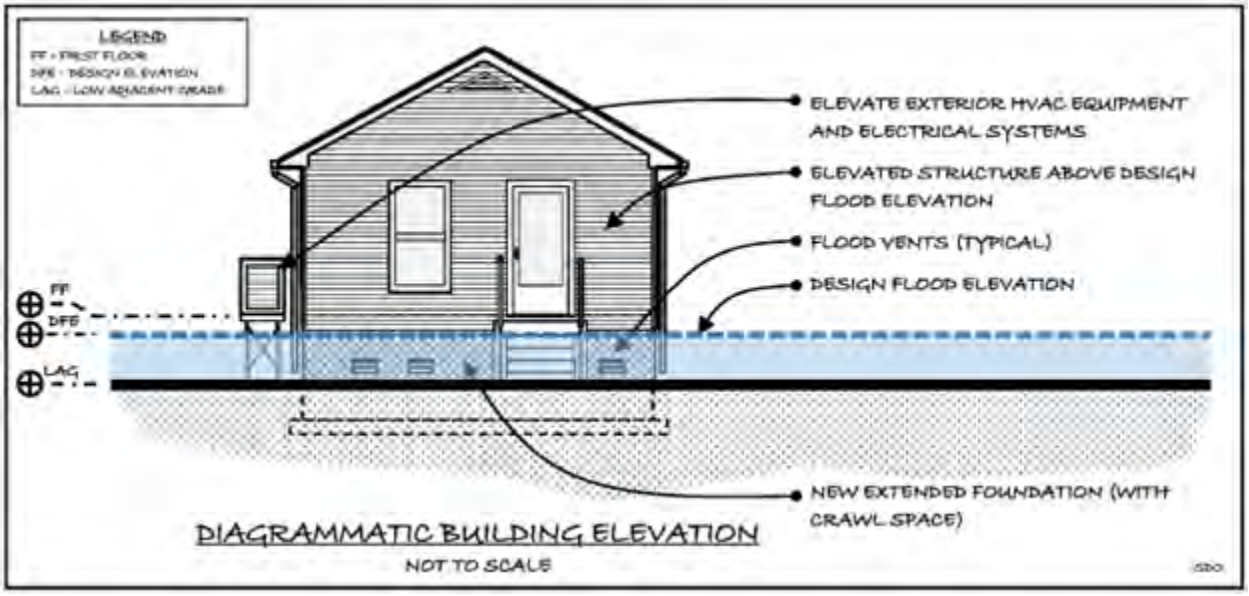
Area of potential effect (APE) under consideration in the Tar-Pamlico River Basin Flood Risk Management Study



Non-Structural Measures Descriptions

Structure Elevation

Structure elevation consists of elevating a structure's habitable area above a specified flood elevation. The target elevation used for this study is the 1% annual exceedance probability (AEP) elevation plus two feet. Structures can be elevated on piers or on an extended foundation—the latter also requires installation of flood vents. If a basement exists, it should be abandoned and filled.

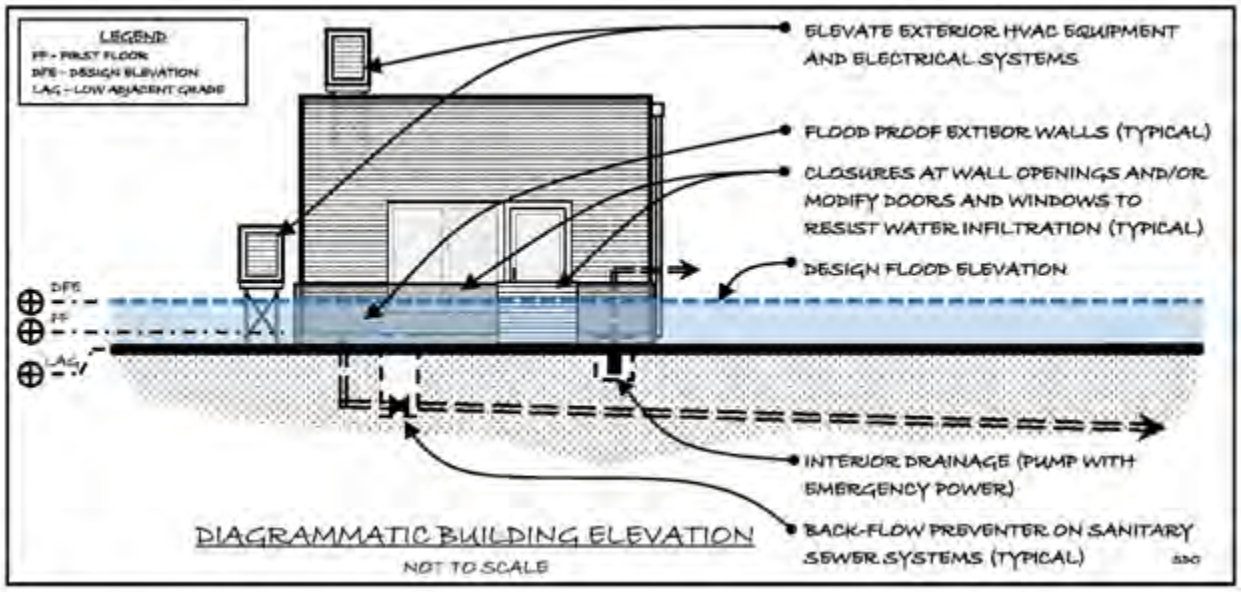


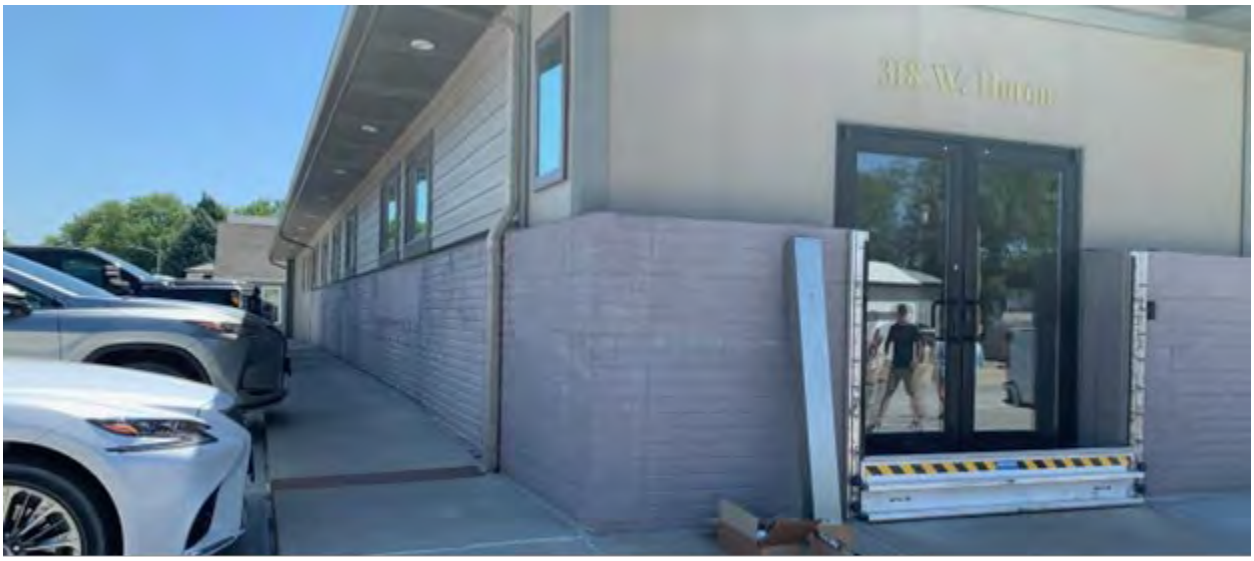
Diagrammatic building elevation (top) and example of an elevated house with flood vents (bottom).

Dry Floodproofing

Dry floodproofing consists of waterproofing the entire structure or portions of the structure. Structures can generally be dry floodproofed up to between 3 to 4 feet on the exterior walls. For this study, we assumed dry floodproofing to the 1% AEP flood elevation plus two feet or a maximum of four feet. Exterior walls would be floodproofed using waterproof membranes and protective veneer wall. A sump pump and drain

system may be required as part of the project to remove seepage or interior drainage. Closure panels are required for all openings.





Dry floodproofing diagrammatic drawing (top) and example (bottom)

DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, PITTSBURGH DISTRICT
1000 LIBERTY AVENUE
PITTSBURGH, PA 15222-4186

November 6, 2023

Planning and Environmental Branch

Gregory Richardson
Executive Director
North Carolina Commission of Indian Affairs
1317 Mail Service Center
Raleigh, NC 27699

Dear Mr. Richardson:

The U.S. Army Corps of Engineers (USACE), Pittsburgh District is currently executing a flood risk management study within the Tar-Pamlico River Basin. The purpose of the Study is to address and recommend actions that reduce flood risk and increase resilience within the Tar-Pamlico River Basin. The Study was authorized by the House Committee on Transportation and Infrastructure Resolution adopted April 11, 2000, and the House Committee on Transportation and Infrastructure Resolution adopted May 21, 2003. The North Carolina Department of Environmental Quality is the non-Federal Sponsor for the Study. A draft integrated report that combines the feasibility study and National Environmental Policy Act (NEPA) compliance documentation is being prepared. This integrated report will identify the Recommended Plan and will address the plans effects on the natural and human environments.

Pursuant to Section 106 of the National Historic Preservation Act (NHPA) (54 U.S.C. § 306108), and its implementing regulations (36 C.F.R. § 800), USACE has determined that the Study constitutes an undertaking as defined in 36 C.F.R. § 800.16(y) and has a potential to affect historic properties listed on, or determined eligible for, the National Register of Historic Places under 36 C.F.R. § 800.3.

USACE has recommended a plan that incorporates a series of nonstructural measures that include structure elevation, floodproofing, or flood venting. The identification of exact locations of nonstructural measures requires additional analyses of the existing construction, flood risk, and determination of costs and benefits on a finer scale than is possible at this stage of the Study.

Based on the feasibility-level design, USACE proposes the development of a Study-specific programmatic agreement (PA) with your office to comply with Section 106 of the NHPA. Pursuant to 36 C.F.R. § 800.3(f), USACE has identified your office as a potential consulting party to this consultation and is seeking your input.

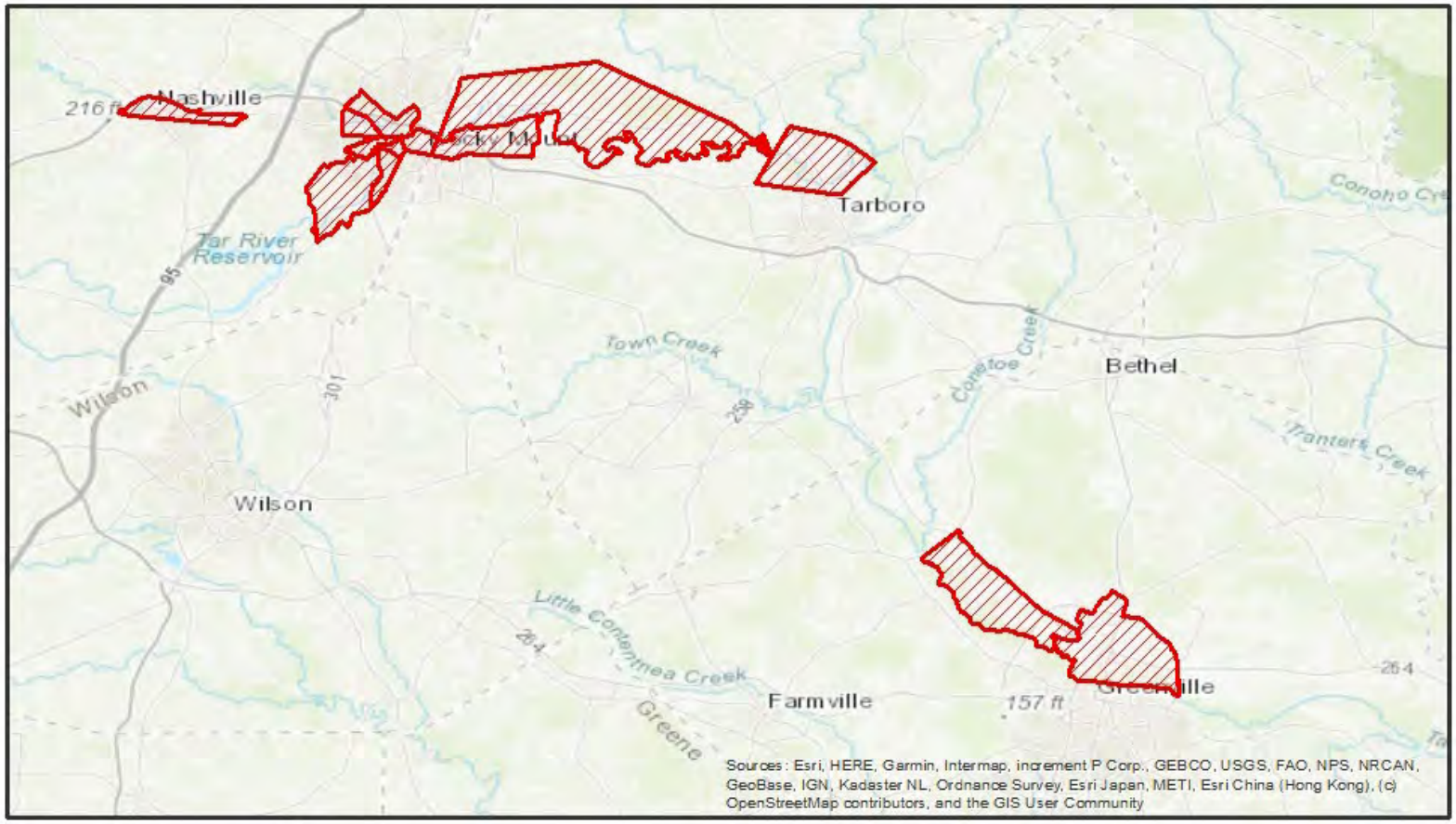
If you would like to participate in this consultation as a consulting party and/or in the development of the PA as a concurring party, or require additional information, please contact Ms. Michelle Zulauf, District Archaeologist, at (412) 395-7521 or michelle.r.zulauf@usace.army.mil within 30-days of receipt of this letter.

Sincerely,

Marc Glowczewski, PE, PMP
Chief, Planning and Environmental Branch

Enclosures

Area of potential effect (APE) under consideration in the Tar-Pamlico River Basin Flood Risk Management Study



Tar-Pamlico River Basin Flood Risk Management Study Area

Edgecombe, Nash, and Pitt Counties
North Carolina

Area of Potential Effects

Kilometers
0 2 4 8 12 16

N

DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, PITTSBURGH DISTRICT
1000 LIBERTY AVENUE
PITTSBURGH, PA 15222-4186

November 6, 2023

Planning and Environmental Branch

Shane C. Peterson
Interim President
North Carolina Archaeological Society
Campus Box 3120, University of North Carolina
Chapel Hill, NC 27599

Dear Mr. Peterson:

The U.S. Army Corps of Engineers (USACE), Pittsburgh District is currently executing a flood risk management study within the Tar-Pamlico River Basin. The purpose of the Study is to address and recommend actions that reduce flood risk and increase resilience within the Tar-Pamlico River Basin. The Study was authorized by the House Committee on Transportation and Infrastructure Resolution adopted April 11, 2000, and the House Committee on Transportation and Infrastructure Resolution adopted May 21, 2003. The North Carolina Department of Environmental Quality is the non-Federal Sponsor for the Study. A draft integrated report that combines the feasibility study and National Environmental Policy Act (NEPA) compliance documentation is being prepared. This integrated report will identify the Recommended Plan and will address the plans effects on the natural and human environments.

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If you would like to participate in this consultation as a consulting party and/or in the development of the PA as a concurring party, or require additional information, please contact Ms. Michelle Zulauf, District Archaeologist, at (412) 395-7521 or michelle.r.zulauf@usace.army.mil within 30-days of receipt of this letter.

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Chief, Planning and Environmental Branch

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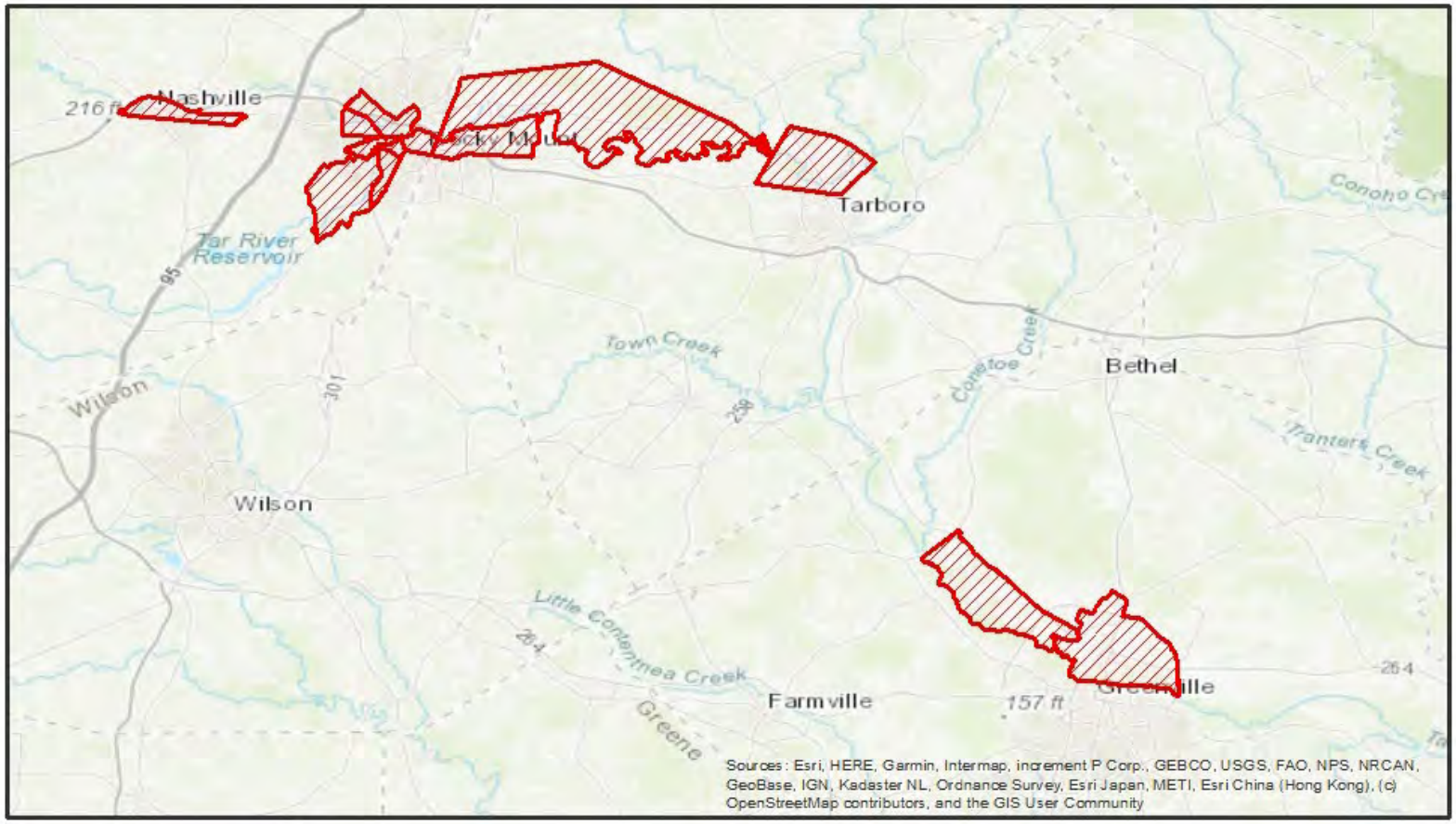

Tar-Pamlico River Basin Flood Risk Management Study Area

Edgecombe, Nash, and Pitt Counties
North Carolina

Area of Potential Effects

Kilometers
0 2 4 8 12 16

N

DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, PITTSBURGH DISTRICT
1000 LIBERTY AVENUE
PITTSBURGH, PA 15222-4186

November 6, 2023

Planning and Environmental Branch

Jeff Bockert
East Region Supervisor
North Carolina Division of State Historic Sites and Properties
4620 Mail Service Center
Raleigh, NC 27699

Dear Mr. Bockert:

The U.S. Army Corps of Engineers (USACE), Pittsburgh District is currently executing a flood risk management study within the Tar-Pamlico River Basin. The purpose of the Study is to address and recommend actions that reduce flood risk and increase resilience within the Tar-Pamlico River Basin. The Study was authorized by the House Committee on Transportation and Infrastructure Resolution adopted April 11, 2000, and the House Committee on Transportation and Infrastructure Resolution adopted May 21, 2003. The North Carolina Department of Environmental Quality is the non-Federal Sponsor for the Study. A draft integrated report that combines the feasibility study and National Environmental Policy Act (NEPA) compliance documentation is being prepared. This integrated report will identify the Recommended Plan and will address the plans effects on the natural and human environments.

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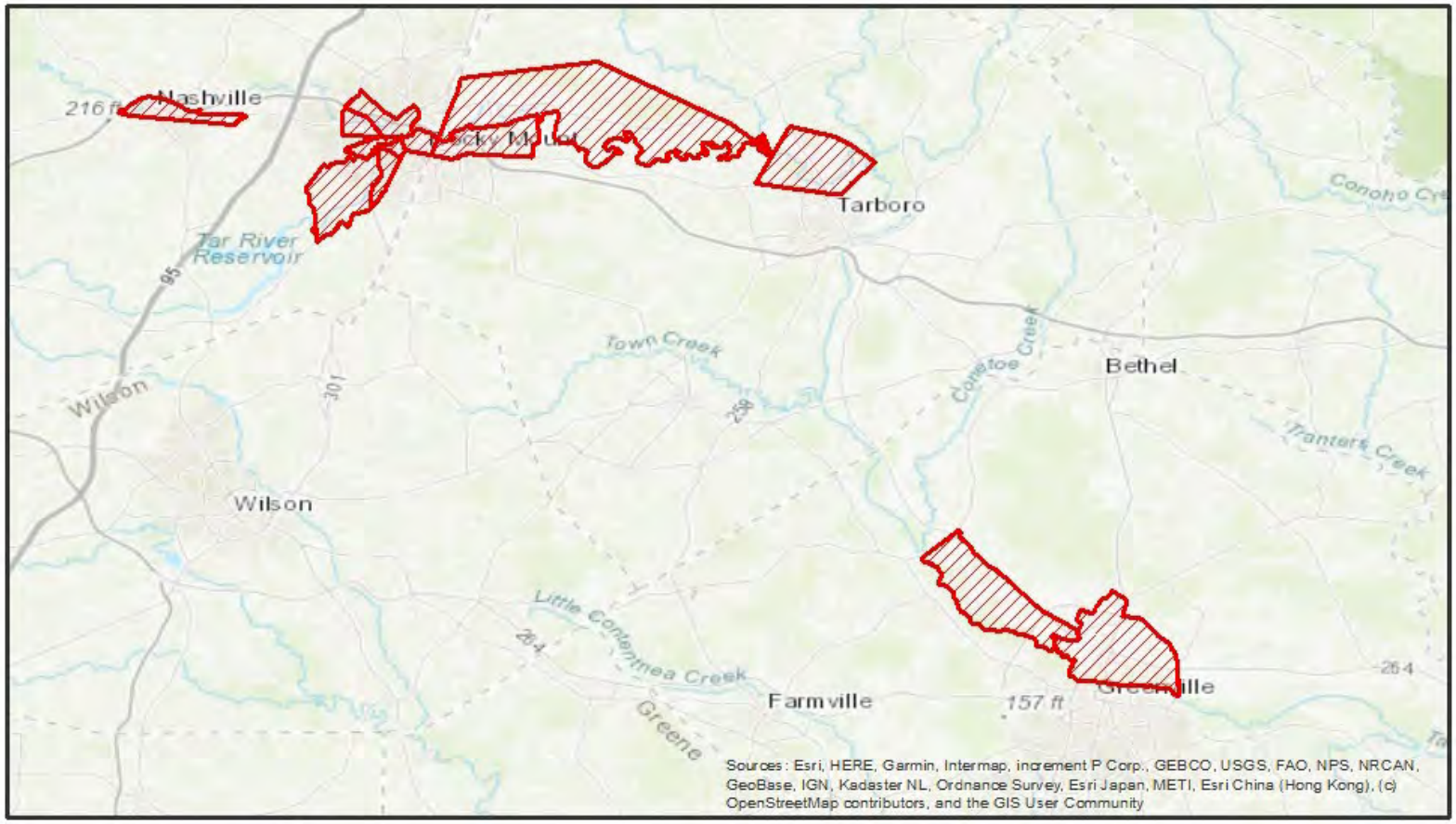

Tar-Pamlico River Basin Flood Risk Management Study Area

Edgecombe, Nash, and Pitt Counties
North Carolina

Area of Potential Effects

Kilometers
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DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, PITTSBURGH DISTRICT
1000 LIBERTY AVENUE
PITTSBURGH, PA 15222-4186

November 6, 2023

Planning and Environmental Branch

The Honorable Brucie Ogletree Green Richardson
Chief
Haliwa-Saponi Indian Tribe
P.O. Box 99
Hollister, NC 27844

Dear Dr. Richardson:

The U.S. Army Corps of Engineers (USACE), Pittsburgh District is currently executing a flood risk management study within the Tar-Pamlico River Basin. The purpose of the Study is to address and recommend actions that reduce flood risk and increase resilience within the Tar-Pamlico River Basin. The Study was authorized by the House Committee on Transportation and Infrastructure Resolution adopted April 11, 2000, and the House Committee on Transportation and Infrastructure Resolution adopted May 21, 2003. The North Carolina Department of Environmental Quality is the non-Federal Sponsor for the Study. A draft integrated report that combines the feasibility study and National Environmental Policy Act (NEPA) compliance documentation is being prepared. This integrated report will identify the Recommended Plan and will address the plans effects on the natural and human environments.

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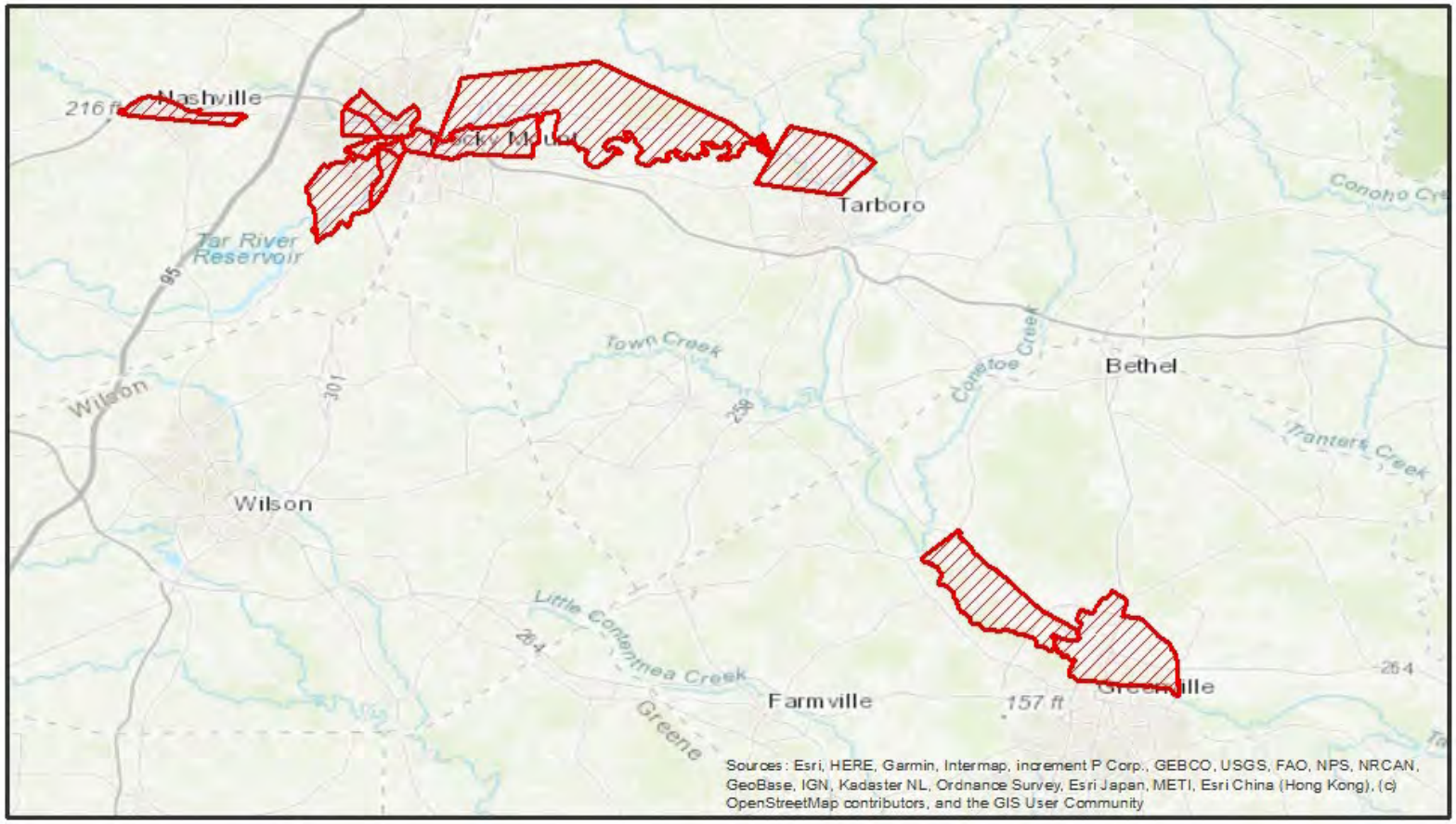

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DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, PITTSBURGH DISTRICT
1000 LIBERTY AVENUE
PITTSBURGH, PA 15222-4186

November 6, 2023

Planning and Environmental Branch

The Honorable Jonathan Caudill
Chief
Meherrin Indians
P.O. Box 274
Ahoskie, NC 27910

Dear Chief Caudill:

The U.S. Army Corps of Engineers (USACE), Pittsburgh District is currently executing a flood risk management study within the Tar-Pamlico River Basin. The purpose of the Study is to address and recommend actions that reduce flood risk and increase resilience within the Tar-Pamlico River Basin. The Study was authorized by the House Committee on Transportation and Infrastructure Resolution adopted April 11, 2000, and the House Committee on Transportation and Infrastructure Resolution adopted May 21, 2003. The North Carolina Department of Environmental Quality is the non-Federal Sponsor for the Study. A draft integrated report that combines the feasibility study and National Environmental Policy Act (NEPA) compliance documentation is being prepared. This integrated report will identify the Recommended Plan and will address the plans effects on the natural and human environments.

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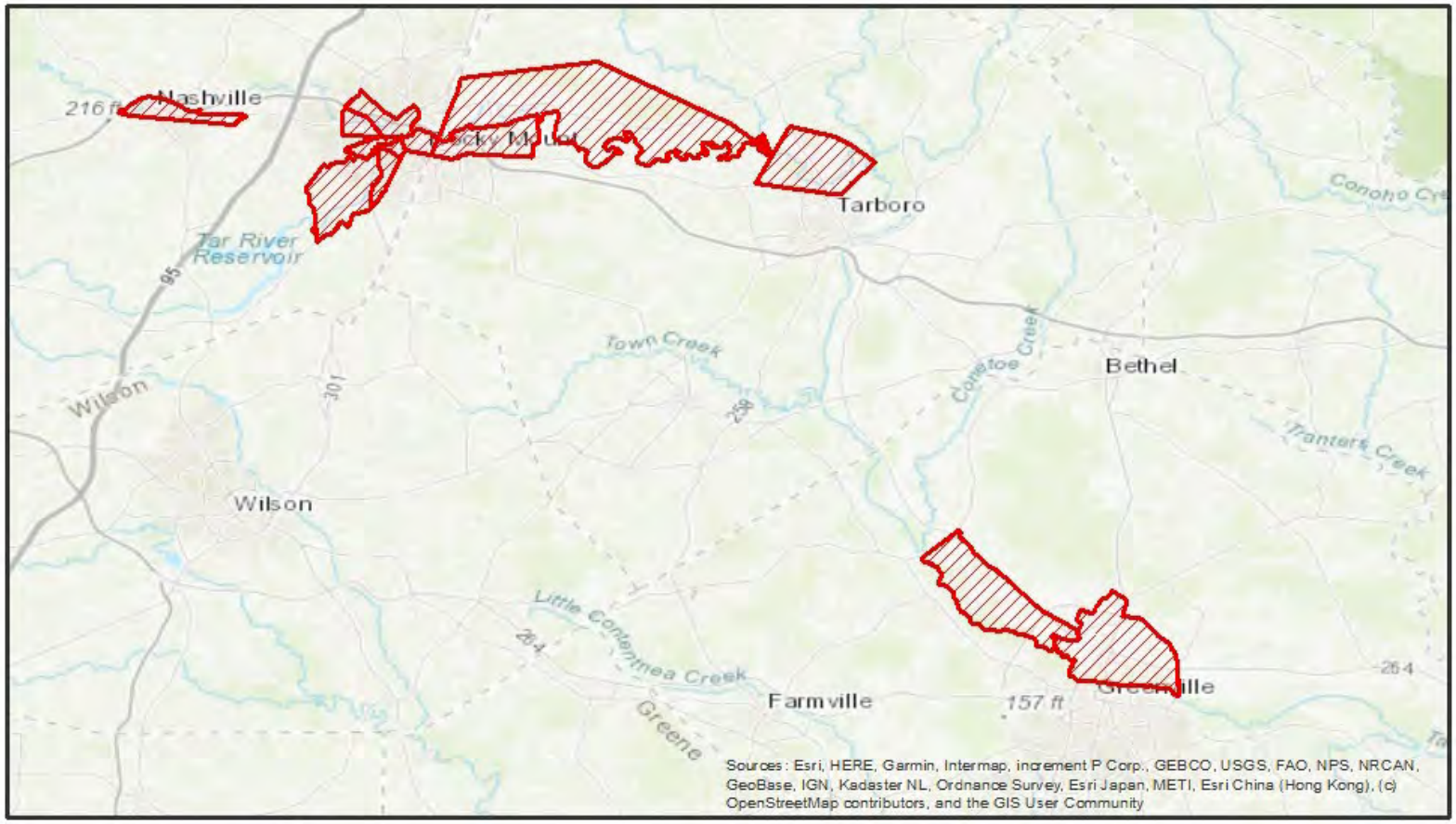

Tar-Pamlico River Basin Flood Risk Management Study Area

Edgecombe, Nash, and Pitt Counties
North Carolina

Area of Potential Effects

Kilometers
0 2 4 8 12 16

N

DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, PITTSBURGH DISTRICT
1000 LIBERTY AVENUE
PITTSBURGH, PA 15222-4186

November 6, 2023

Planning and Environmental Branch

Forest Supervisor
National Forests in North Carolina
Forest Supervisor's office
160 Zillicoa St. Suite A
Asheville, NC 28801

Dear Mr. Richardson:

The U.S. Army Corps of Engineers (USACE), Pittsburgh District is currently executing a flood risk management study within the Tar-Pamlico River Basin. The purpose of the Study is to address and recommend actions that reduce flood risk and increase resilience within the Tar-Pamlico River Basin. The Study was authorized by the House Committee on Transportation and Infrastructure Resolution adopted April 11, 2000, and the House Committee on Transportation and Infrastructure Resolution adopted May 21, 2003. The North Carolina Department of Environmental Quality is the non-Federal Sponsor for the Study. A draft integrated report that combines the feasibility study and National Environmental Policy Act (NEPA) compliance documentation is being prepared. This integrated report will identify the Recommended Plan and will address the plans effects on the natural and human environments.

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USACE has recommended a plan that incorporates a series of nonstructural measures that include structure elevation, floodproofing, or flood venting. The identification of exact locations of nonstructural measures requires additional analyses of the existing construction, flood risk, and determination of costs and benefits on a finer scale than is possible at this stage of the Study.

Based on the feasibility-level design, USACE proposes the development of a Study-specific programmatic agreement (PA) with your office to comply with Section 106 of the NHPA. Pursuant to 36 C.F.R. § 800.3(f), USACE has identified your office as a potential consulting party to this consultation and is seeking your input.

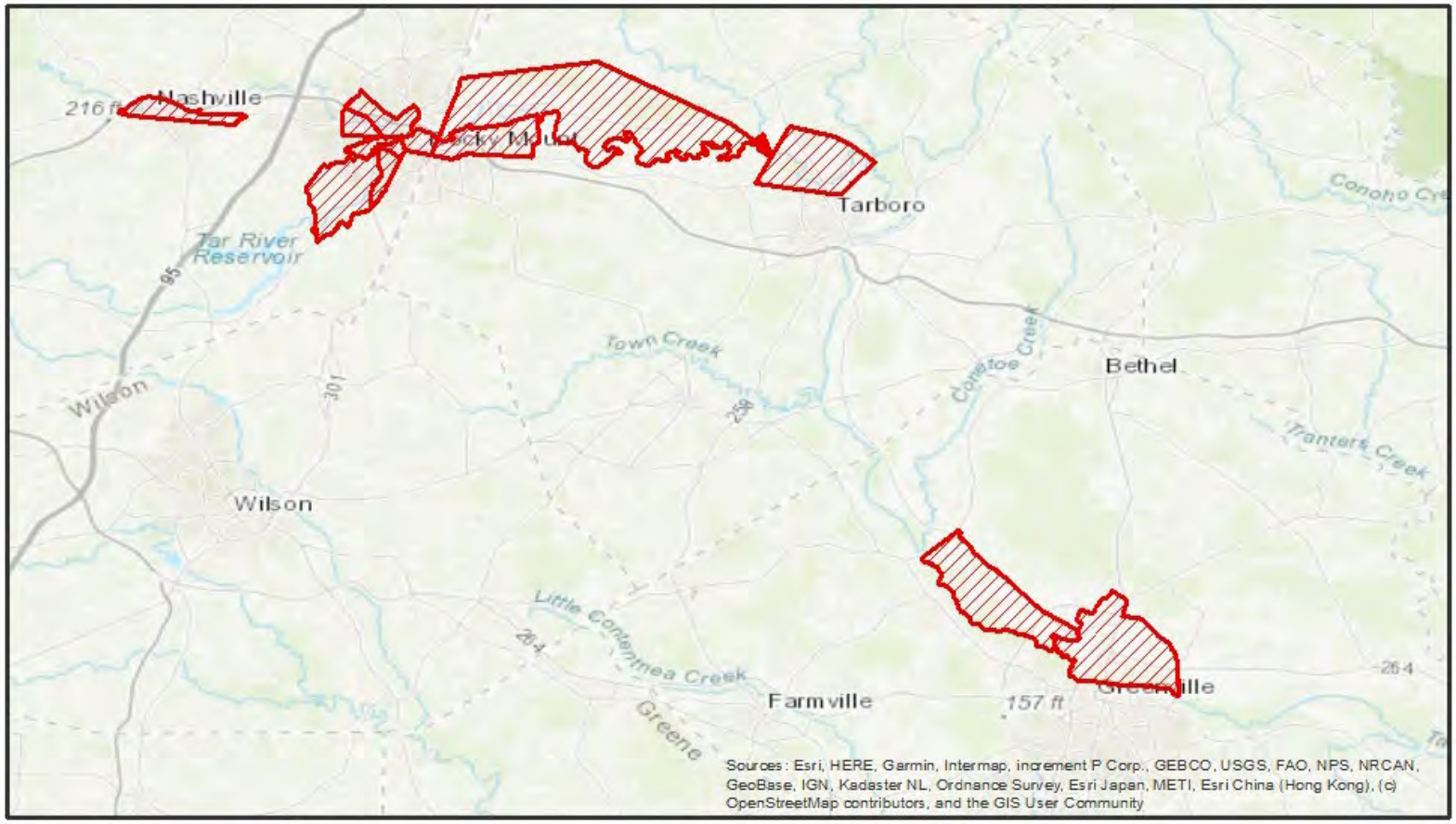
If you would like to participate in this consultation as a consulting party and/or in the development of the PA as a concurring party, or require additional information, please contact Ms. Michelle Zulauf, District Archaeologist, at (412) 395-7521 or michelle.r.zulauf@usace.army.mil within 30-days of receipt of this letter.

Sincerely,

Marc Glowczewski, PE, PMP
Chief, Planning and Environmental Branch

Enclosures

Area of potential effect (APE) under consideration in the Tar-Pamlico River Basin Flood Risk Management Study



Tar-Pamlico River Basin Flood Risk Management Study Area

Edgecombe, Nash, and Pitt Counties
North Carolina

Area of Potential Effects

Kilometers
0 2 4 8 12 16

N

DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, PITTSBURGH DISTRICT
1000 LIBERTY AVENUE
PITTSBURGH, PA 15222-4186

October 31, 2023

Ramona Bartos
NC Historic Preservation Office
109 E. Jones Street
Mail Service Center 4617
Raleigh NC 27601

Dear Ms. Bartos:

The U.S. Army Corps of Engineers (USACE), Pittsburgh District is currently executing a flood risk management study within the Tar-Pamlico River Basin. The purpose of the Study is to address and recommend actions that reduce flood risk and increase resilience within the Tar-Pamlico River Basin. The Study was authorized by the House Committee on Transportation and Infrastructure Resolution adopted April 11, 2000, and the House Committee on Transportation and Infrastructure Resolution adopted May 21, 2003. The North Carolina Department of Environmental Quality is the non-Federal Sponsor for the Study. A draft integrated report that combines the feasibility study and National Environmental Policy Act (NEPA) compliance documentation is being prepared. This integrated report will identify the Recommended Plan and will address the plans effects on the natural and human environments.

During scoping, Ms. Michelle Zulauf, USACE archaeologist, reached out to your office with the purpose of gathering information about cultural resources within the Study area. At the time, the Study area included the region of the Tar River near the city of Washington, NC, as well as the area along the Pamlico River immediately downstream of the city of Washington, approximately 3,327,575 acres. However, through the course of the Study, the region near Washington was determined to be affected by combined coastal flooding and riverine flooding. As coastal flooding mitigation was beyond the scope and authority of the current Study, the regions affected by coastal flooding were removed from consideration. Therefore, the new study area is approximately 94,509 acres and comprises the entire Tar River Basin in North Carolina to just above the town of Washington, in Edgecombe, Nash and Pitt Counties.

Pursuant to Section 106 of the National Historic Preservation Act (NHPA) (54 U.S.C. § 306108), and its implementing regulations (36 C.F.R. § 800), the USACE has determined that the Study constitutes an undertaking as defined in 36 C.F.R. § 800.16(y) and has a potential to affect historic properties listed on, or determined eligible for, the National Register of Historic Places under 36 C.F.R. § 800.3.

USACE has recommended a plan that incorporates a series of nonstructural measures that include structure elevation, floodproofing, or flood venting. Initial analysis has identified a total of 157 structures preliminarily suitable for nonstructural measures. Additional

structure-specific analysis will need to be conducted to determine final suitability of measures during the second phase of this undertaking, which will occur if implementation of the recommendation is authorized by Congress following Study completion.

Based on this information, USACE has determined that the Area of Potential Effects (APE) for this undertaking minimally includes the standing structures and adjacent grounds designated for modification and ground disturbing activities within the cities of Nashville in Nash County, Rocky Mount in Edgecombe and Nash Counties, and Greenville, in Pitt County, NC. USACE is requesting your review and concurrence on the APE for this undertaking.

A review of the NC Historic Preservation Office GIS web mapping (HPOWEB) indicates that none of the identified structures have been evaluated for inclusion in the National Register of Historic Places (NRHP) or are located within a known historic district. Additional investigations are necessary to determine the eligibility of these structures. Furthermore, USACE is initiating consultation with the Catawba Indian Nation, Cherokee Nation, Eastern Band of Cherokee Indians, Monacan Indian Nation, and the United Keetoowah Band of Cherokee Indians in Oklahoma in an effort to identify any properties within the APE with religious and/or cultural significance that may be eligible for inclusion in the NRHP. Furthermore, USACE is seeking additional consulting parties. Thus far USACE has invited the Rocky Mount Historic Preservation Commission, the Tarboro Historic District Commission, the Greenville Historic Preservation Commission, the Meherrin Indians, the Haliwa-Saponi Tribe, the North Carolina Division of State Historic Sites and Properties, the North Carolina Commission of Indian Affairs, and the North Carolina Archaeological Society to participate as consulting parties for this Study.

Based on feasibility-level design, USACE proposes the development of a Study-specific programmatic agreement (PA) with your office to comply with Section 106 of the NHPA. The proposed PA would include timelines to conduct surveys to identify historic properties within the APE, review procedures to ensure appropriate participation by your office, and requirements to avoid, minimize, or mitigate adverse effects to historic properties. A working draft will be submitted to your office for review once completed.

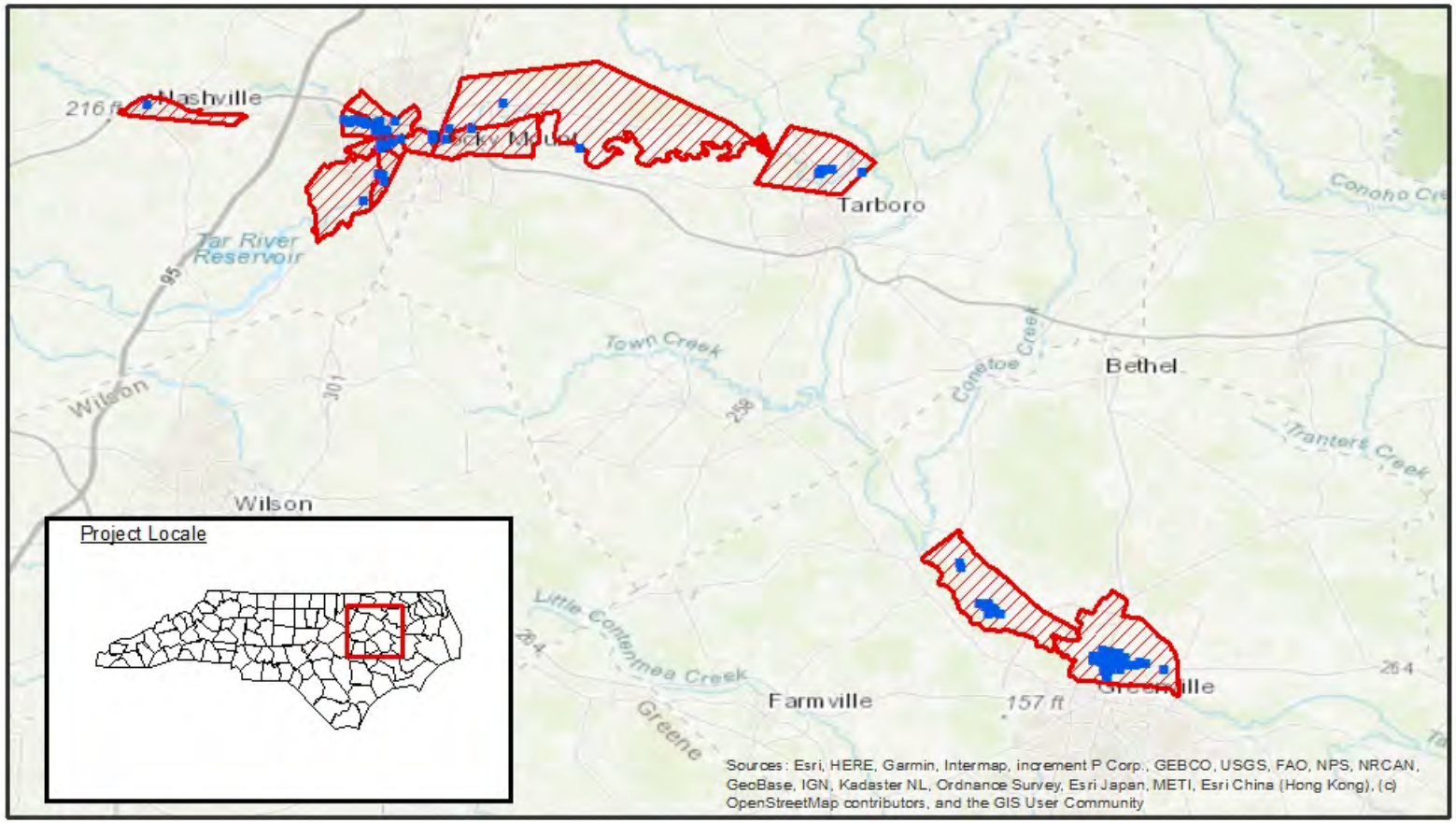
If you have any questions or require additional information, please contact Ms. Michelle Zulauf, District Archaeologist, at (412) 395-7521 or michelle.r.zulauf@usace.army.mil

Sincerely,

Marc Glowczewski, PE, PMP
Chief, Planning and Environmental Branch

Enclosures

Enclosure 1
Area of potential effect (APE) under consideration in the Tar-Pamlico River Basin Flood Risk Management Study
* GIS Shapefiles for all features available for transfer



Tar-Pamlico River Basin Flood Risk Management Study Area

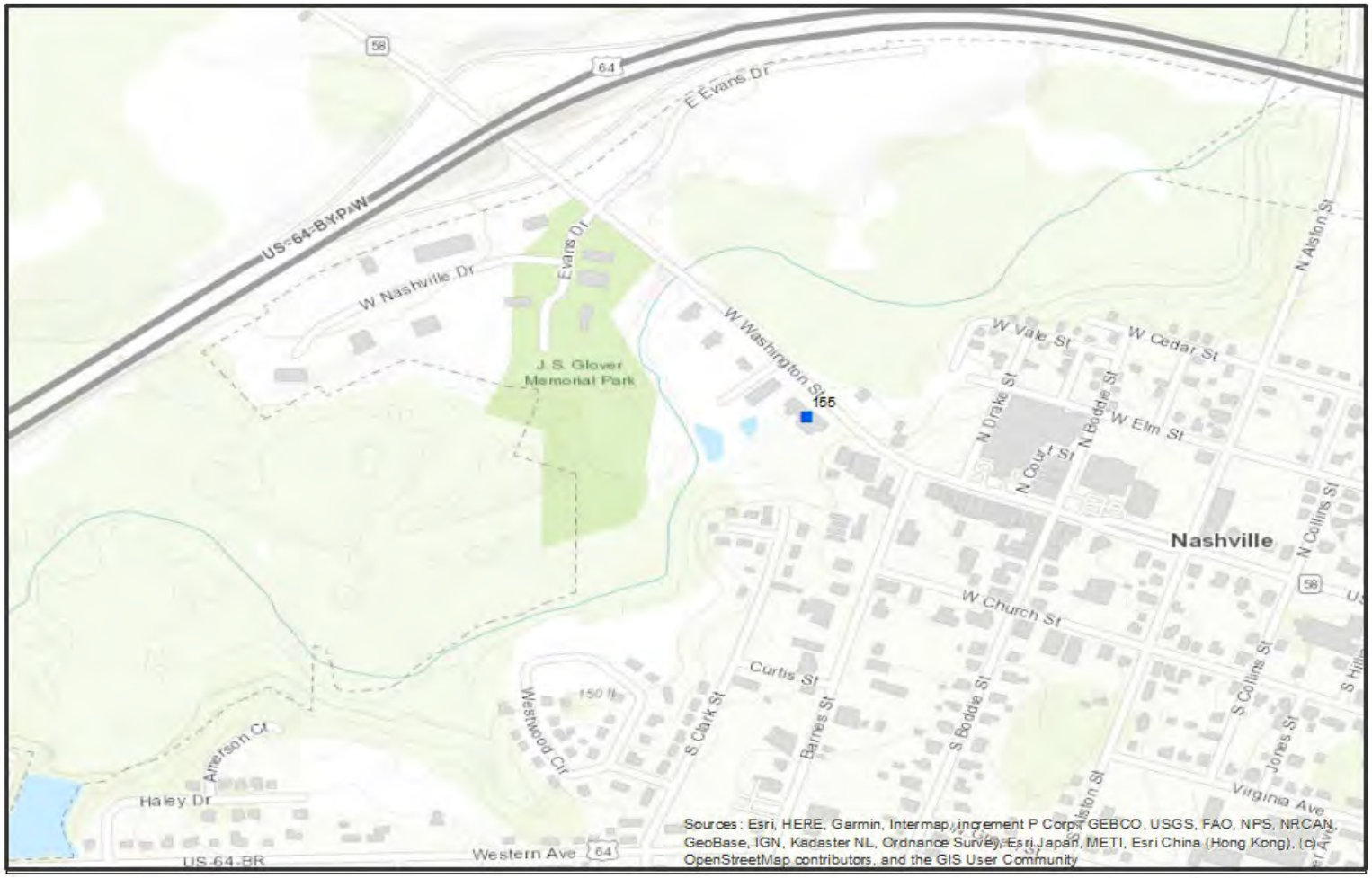
Edgecombe, Nash, and Pitt Counties
North Carolina

Structures proposed to be modified

Area of Potential Effects

Kilometers

0 2 4 8 12 16



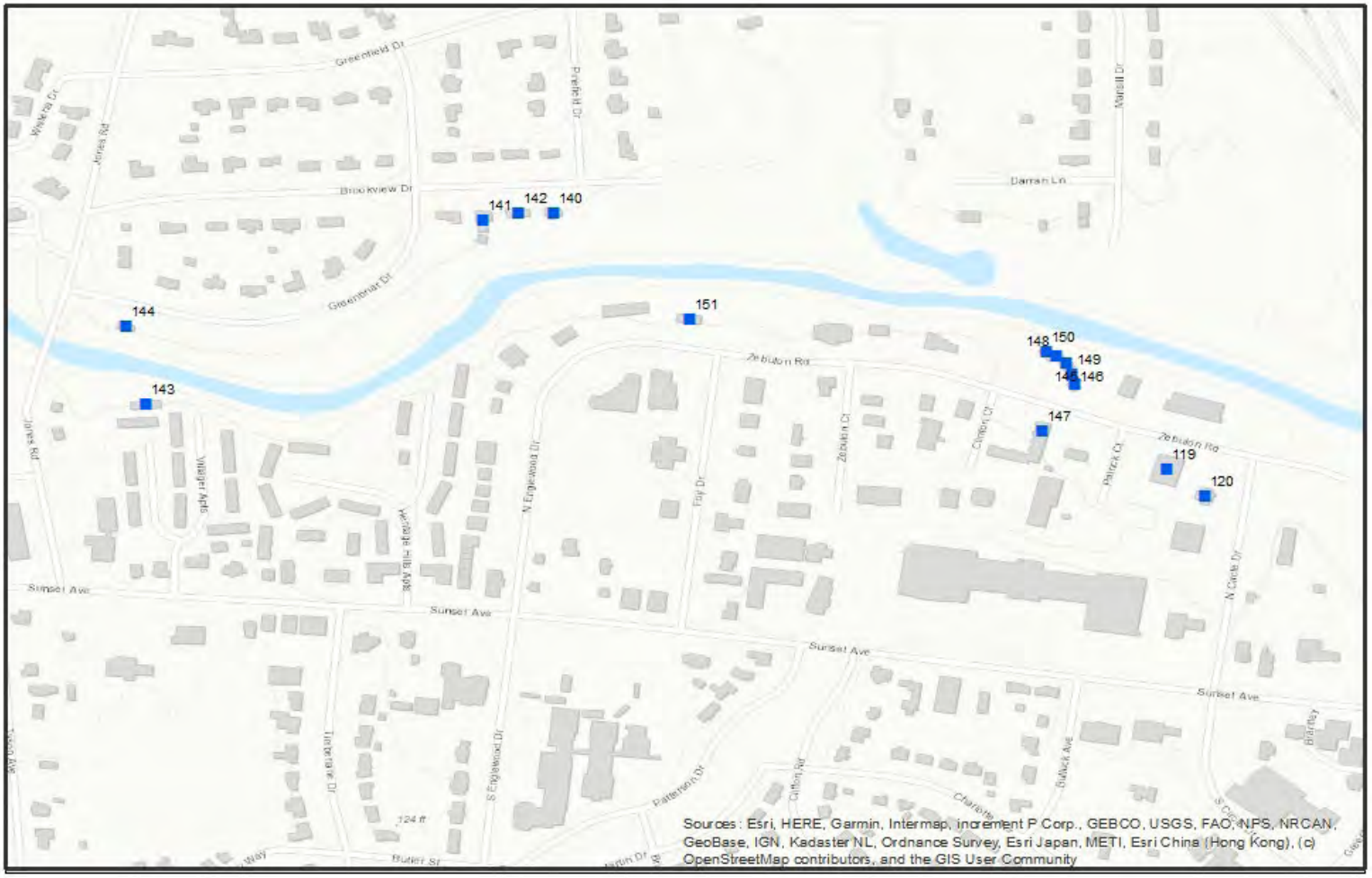
Tar-Pamlico River Basin Flood Risk Management Study Area

Nash County

Structures proposed to be modified

0 0.0275 0.055 0.11 0.165 0.22 Miles

N



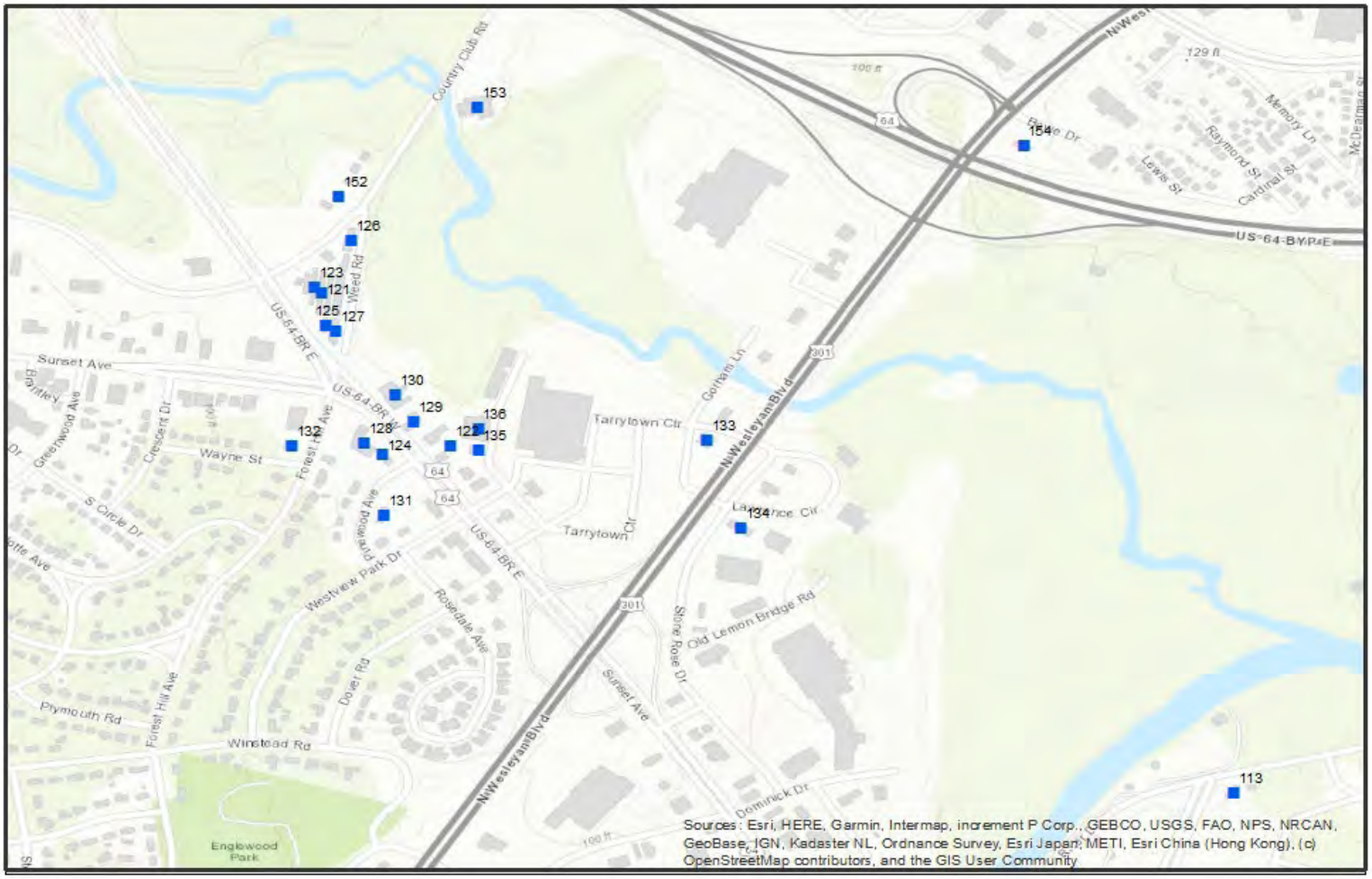
Tar-Pamlico River Basin Flood Risk Management Study Area

Nash County

Structures proposed to be modified

0 0.02 0.04 0.08 0.12 0.16 Miles

N



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

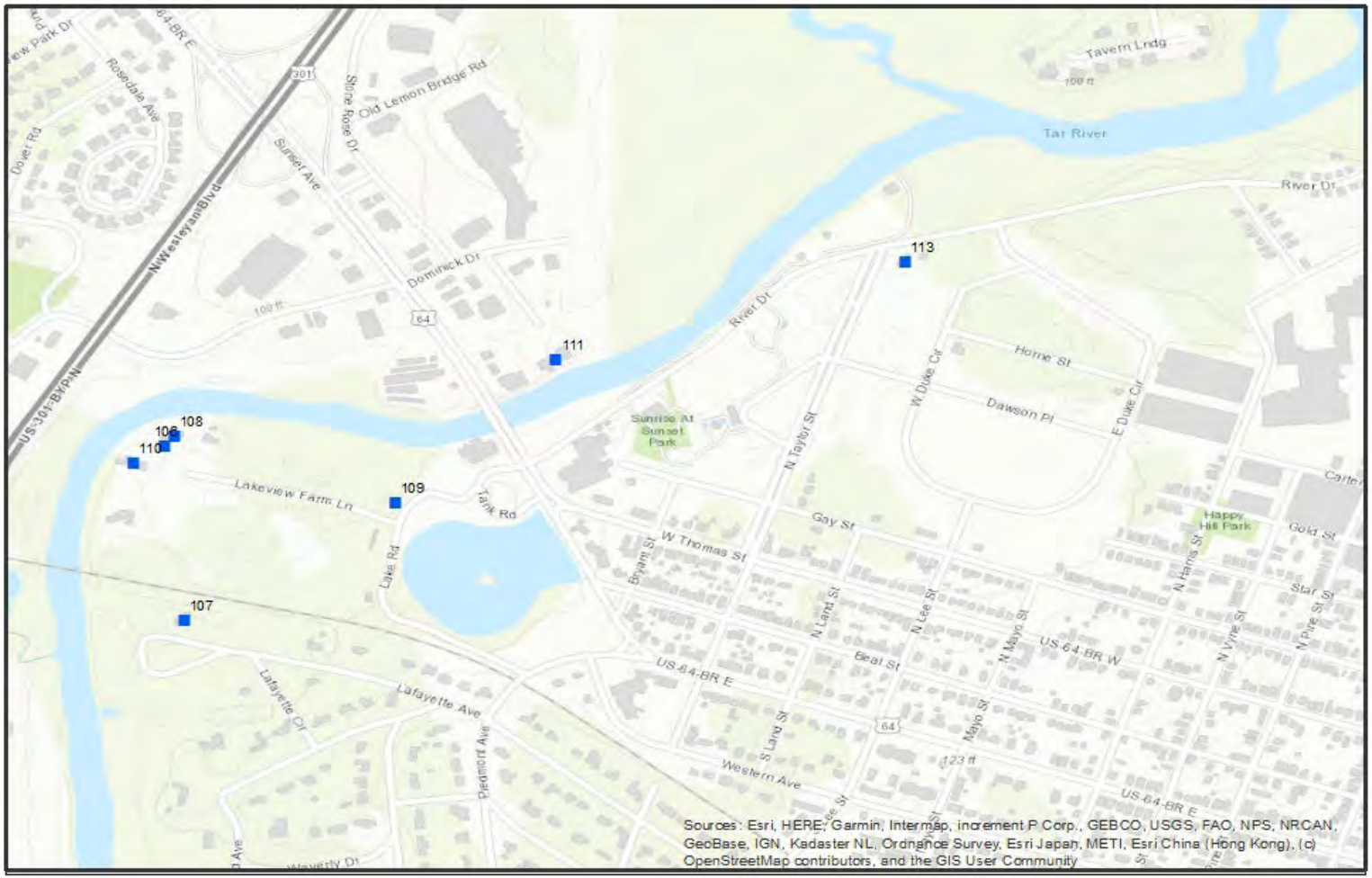
Tar-Pamlico River Basin Flood Risk Management Study Area

Nash County

Structures proposed to be modified

0 0.0325 0.065 0.13 0.195 0.26 Miles

N



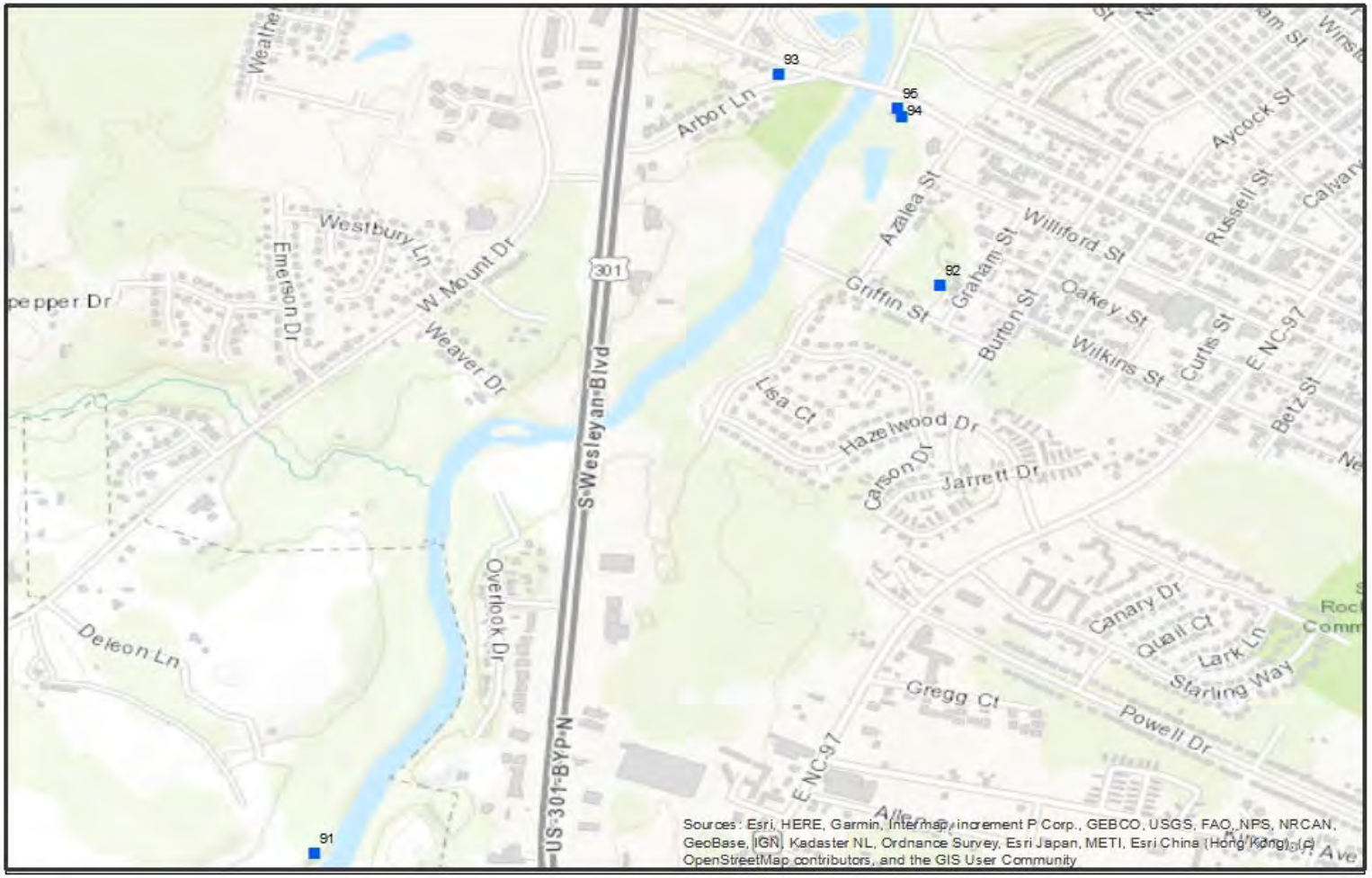
Tar-Pamlico River Basin Flood Risk Management Study Area

Nash County

Structures proposed to be modified

0 0.03 0.065 0.13 0.195 0.26 Miles

N



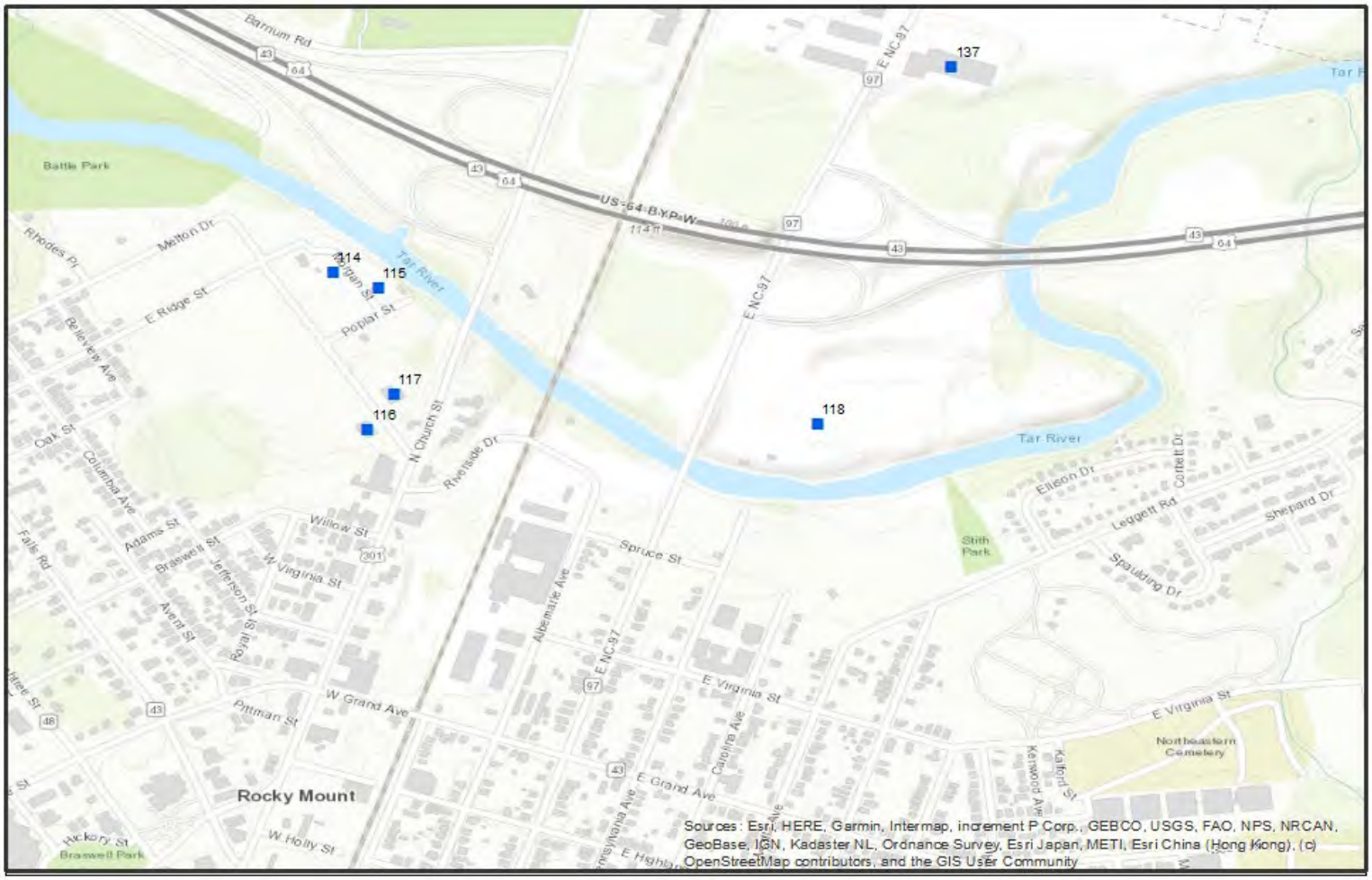
Tar-Pamlico River Basin Flood Risk Management Study Area

Nash County

Structures proposed to be modified

0 0.042 0.085 0.17 0.255 0.34 Miles

N



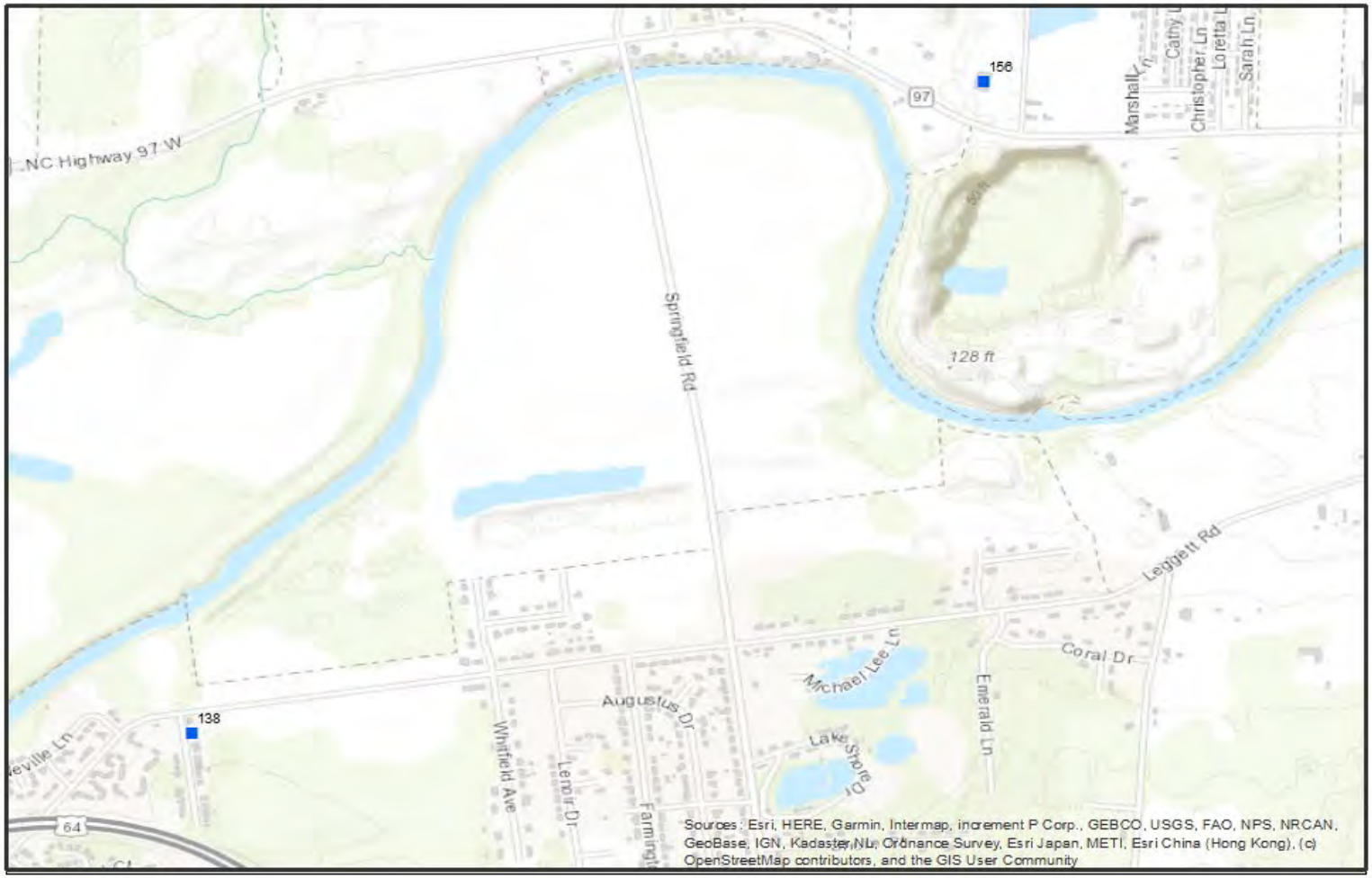
Tar-Pamlico River Basin Flood Risk Management Study Area

Nash and Edgecombe Counties

Structures proposed to be modified

0 0.03 0.065 0.13 0.195 0.26 Miles

N



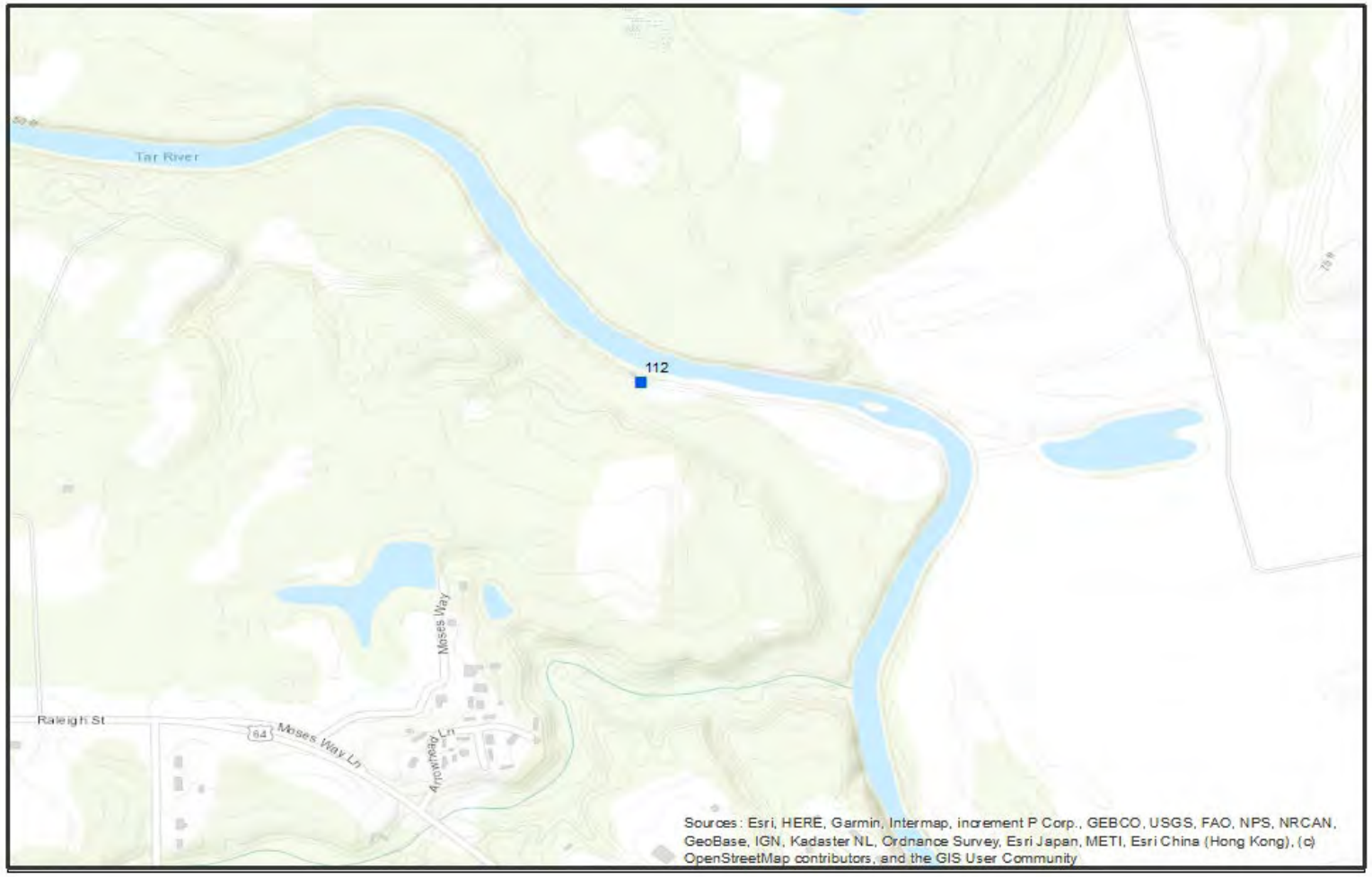
Tar-Pamlico River Basin Flood Risk Management Study Area

Edgecombe County

Structures proposed to be modified

0 0.05 0.1 0.2 0.3 0.4 Miles

N



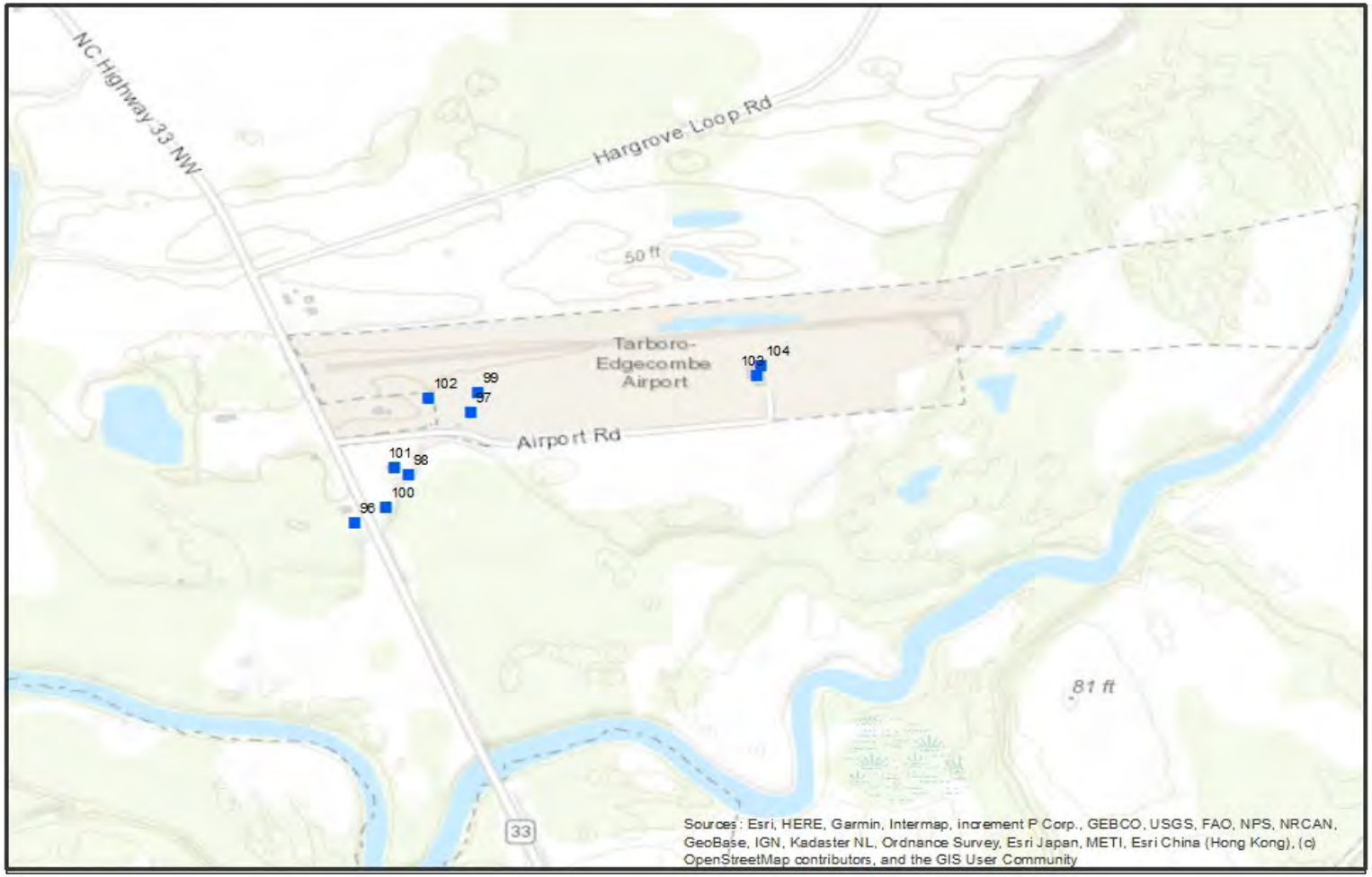
Tar-Pamlico River Basin Flood Risk Management Study Area

Edgecombe County

Structures proposed to be modified

0 0.0325 0.065 0.13 0.195 0.26 Miles

N



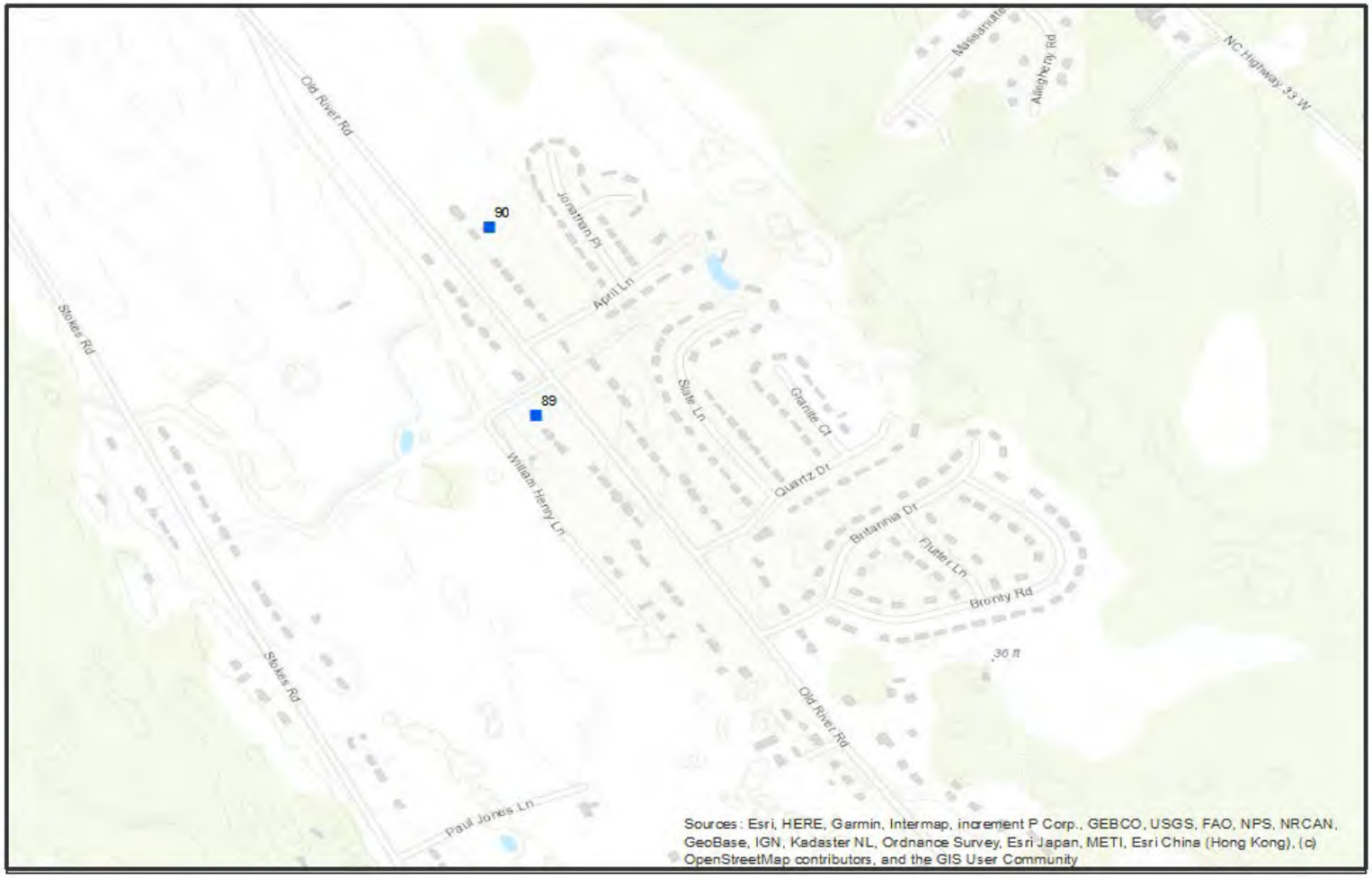
Tar-Pamlico River Basin Flood Risk Management Study Area

Edgecombe County

Structures proposed to be modified

0 0.042 0.085 0.17 0.255 0.34 Miles

N



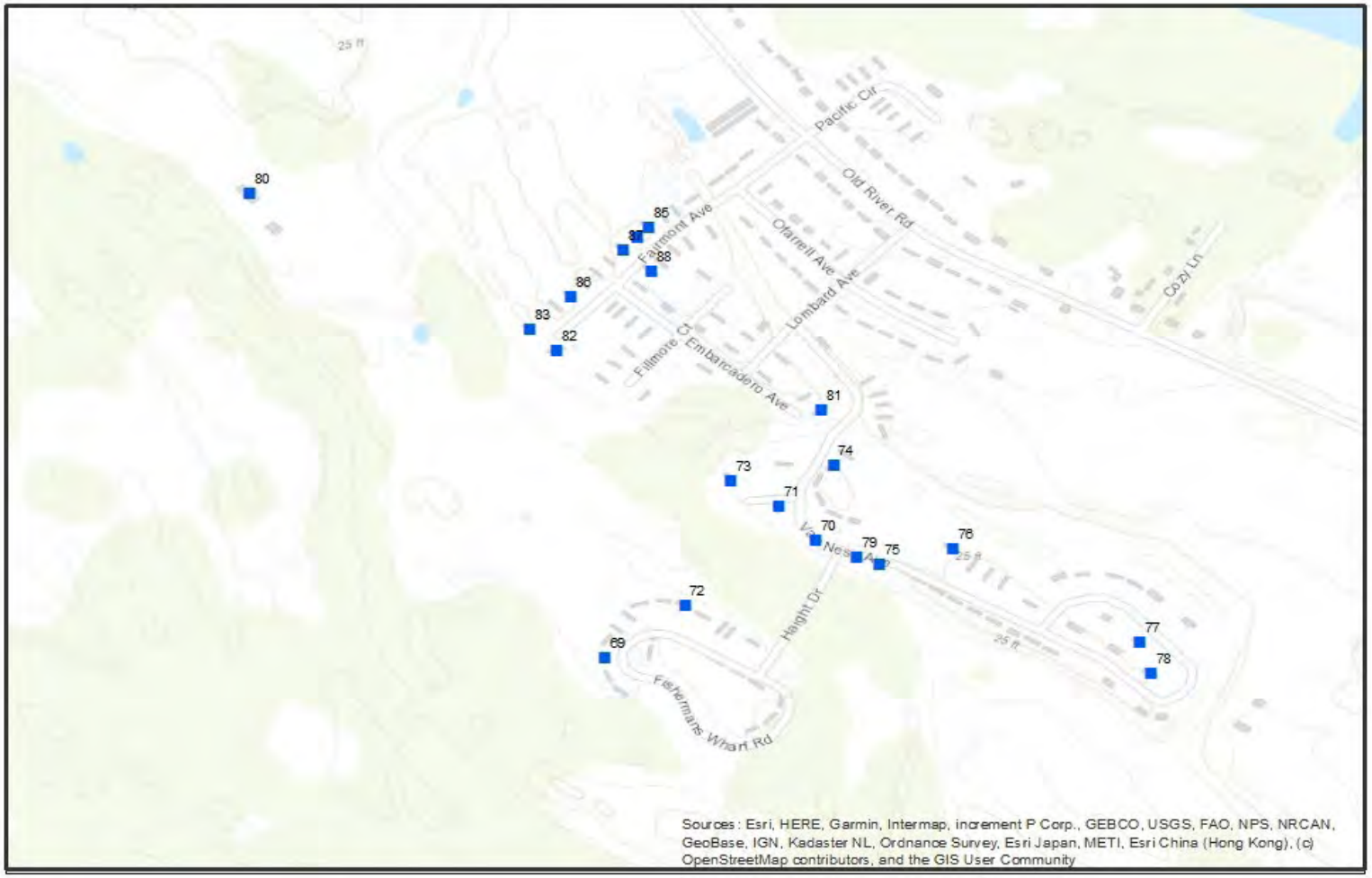
Tar-Pamlico River Basin Flood Risk Management Study Area

Pitt County

Structures proposed to be modified

0 0.0325 0.065 0.13 0.195 0.26 Miles

N



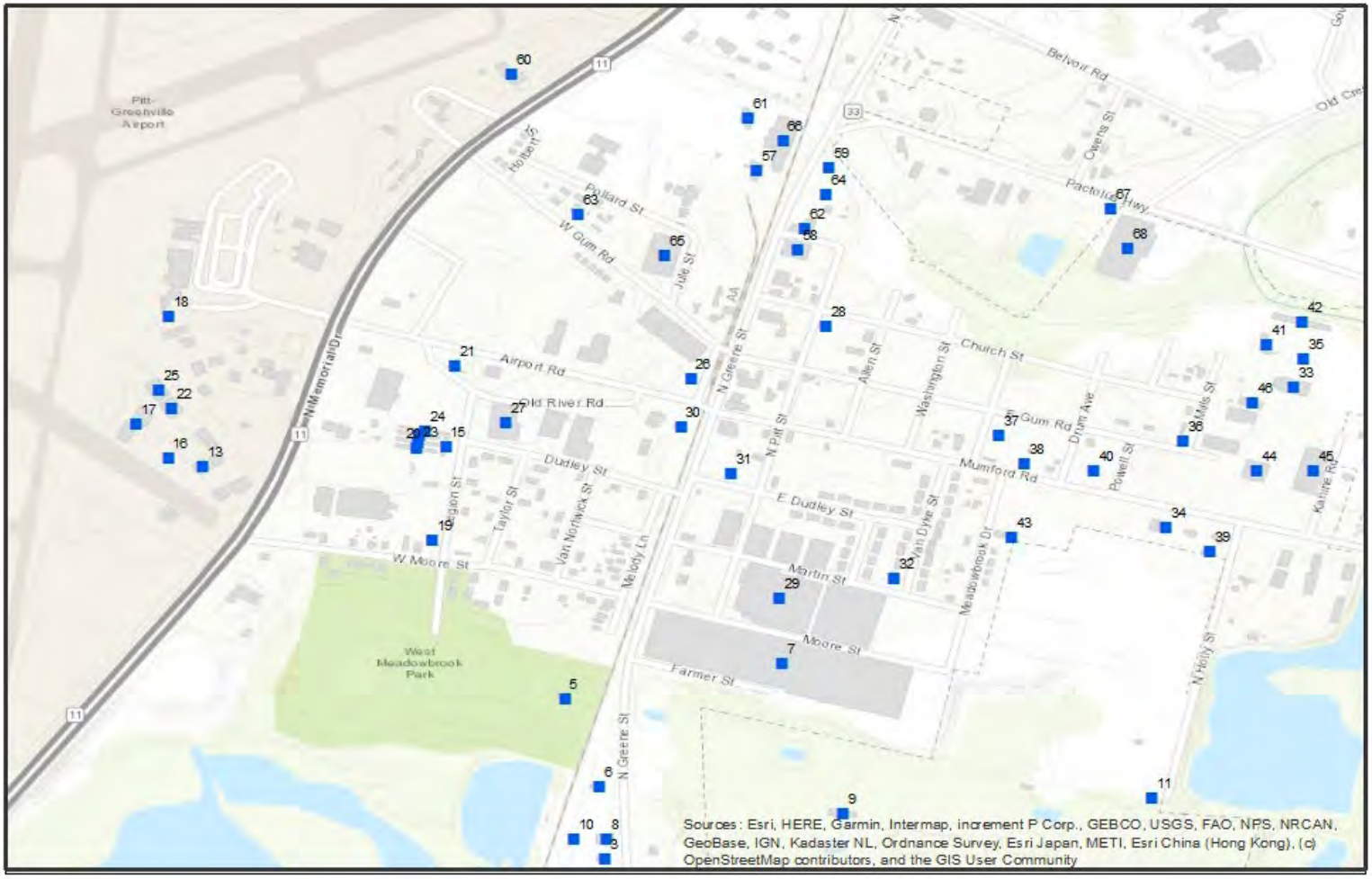
Tar-Pamlico River Basin Flood Risk Management Study Area

Pitt County

Structures proposed to be modified

0 0.03 0.06 0.12 0.18 0.24 Miles

N



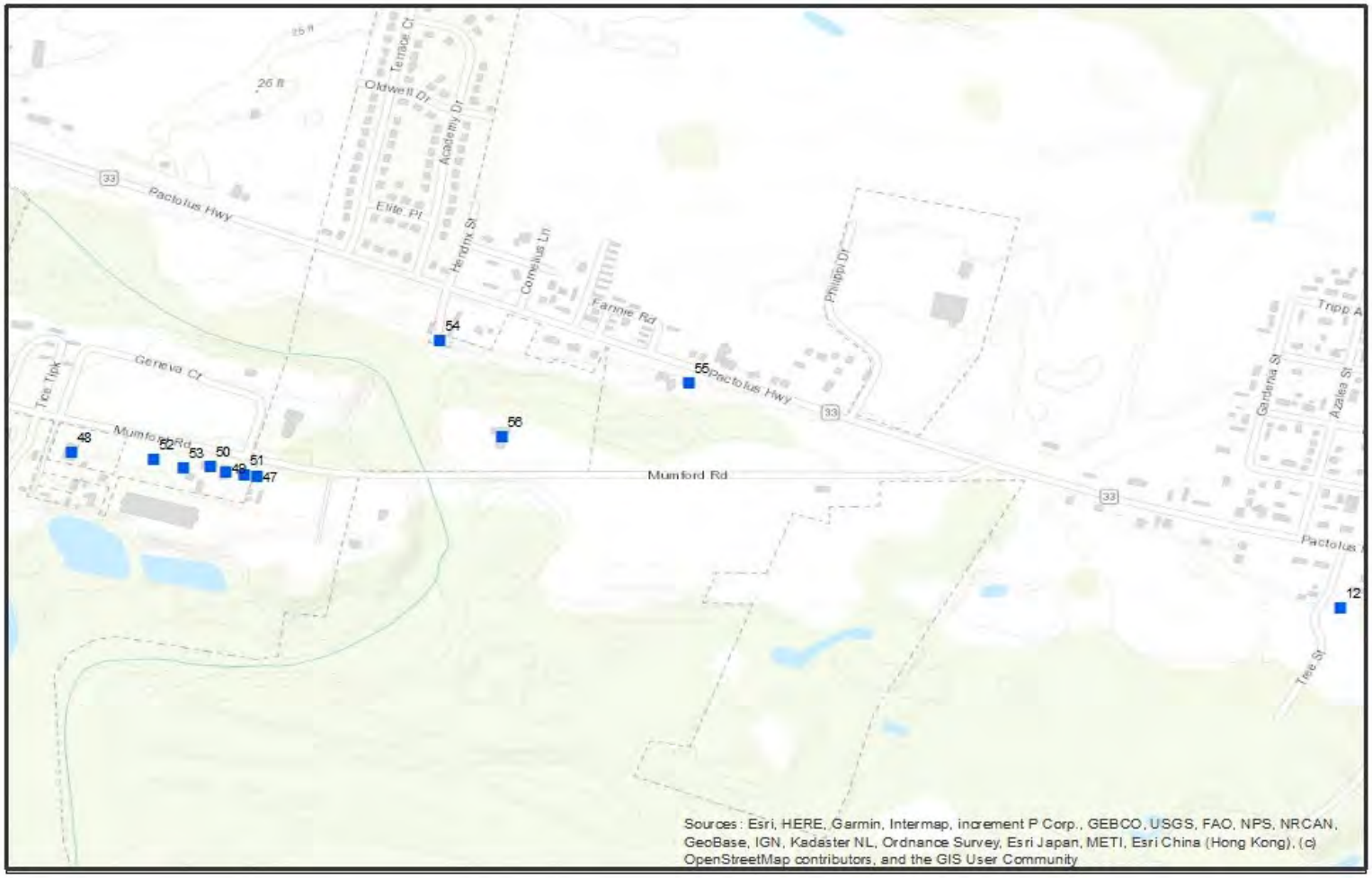
Tar-Pamlico River Basin Flood Risk Management Study Area

Pitt County

Structures proposed to be modified

0 0.0325 0.065 0.13 0.195 0.26 Miles

N



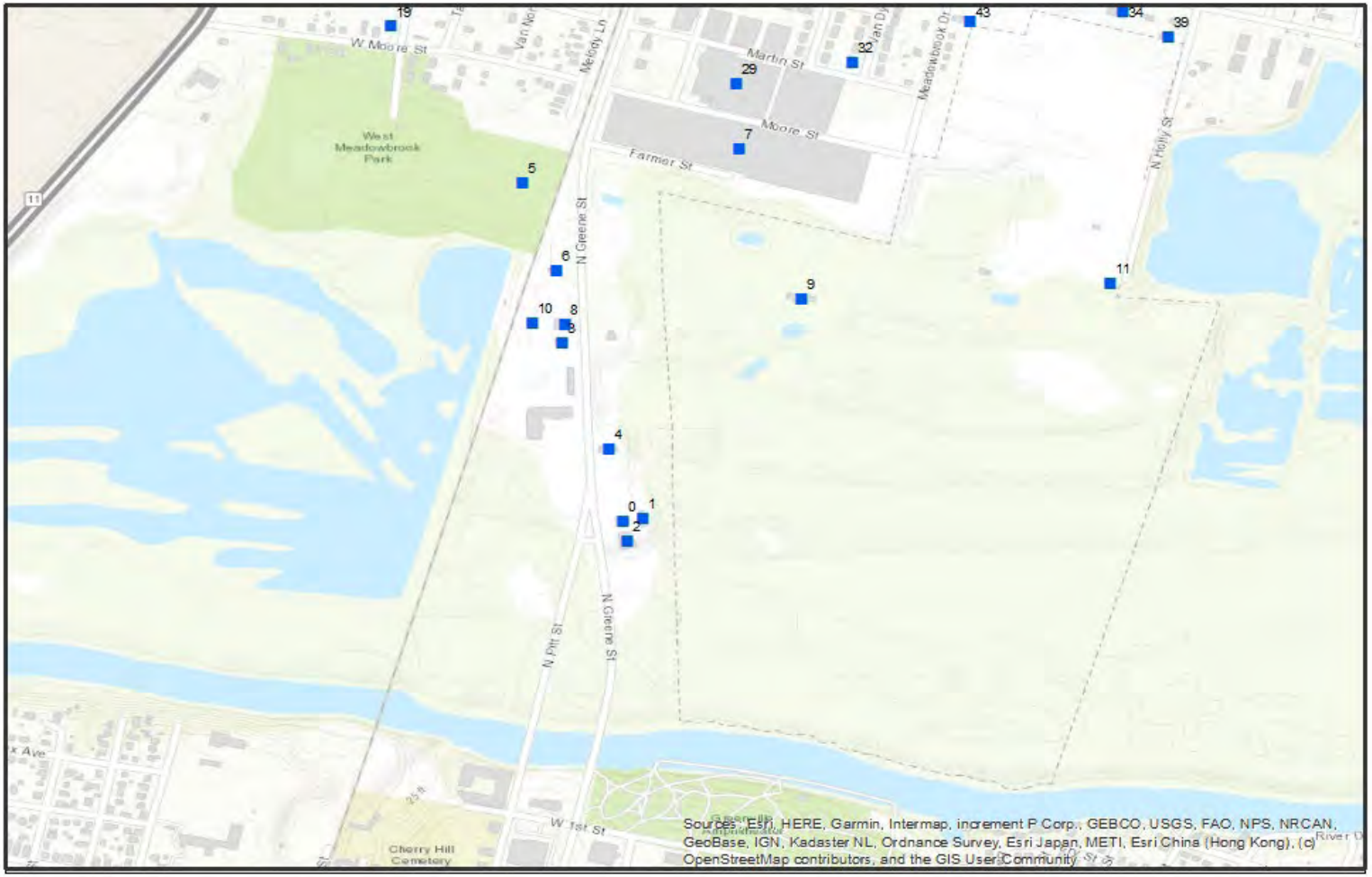
Tar-Pamlico River Basin Flood Risk Management Study Area

Pitt County

Structures proposed to be modified

0 0.0325 0.065 0.13 0.195 0.26 Miles

N



Tar-Pamlico River Basin Flood Risk Management Study Area

Pitt County

Structures proposed to be modified

0 0.0325 0.065 0.13 0.195 0.26 Miles

N

Enclosure 2: Structures proposed to be modified.

Structures in this table identified as potentially suitable for nonstructural measures. However additional structure-specific analysis will need to be conducted to determine final suitability during the second phase of this undertaking, which will occur at a later date if a project is authorized by Congress following Study completion.

ID	Address	County	Structure Type	Year Construction	50+ years	NRHP Eligibility	Proposed Non-Structural Measure
0	402 N Greene St	Pitt	Commercial	1983	No	Unevaluated	Dry Floodproof
1	402 N Greene St	Pitt	Commercial	1983	No	Unevaluated	Dry Floodproof
2	400 N Greene St	Pitt	Commercial	1976	No	Unevaluated	Dry Floodproof
3	699 N Greene St	Pitt	Industrial	1972	Yes	Unevaluated	Dry Floodproof
4	500 N Greene St	Pitt	Commercial	2013	No	Unevaluated	Dry Floodproof
5	0 Legion St	Pitt	Commercial	Unknown	Unknown	Unevaluated	Dry Floodproof
6	699 N Greene St	Pitt	Industrial	1972	Yes	Unevaluated	Dry Floodproof
7	900 N Greene St	Pitt	Industrial	1930	Yes	Unevaluated	Dry Floodproof
8	699 N Greene St	Pitt	Industrial	1972	Yes	Unevaluated	Dry Floodproof
9	700 N Greene St	Pitt	Industrial	1965	Yes	Unevaluated	Dry Floodproof
10	699 N Greene St	Pitt	Industrial	1972	Yes	Unevaluated	Dry Floodproof
11	1201 Holly St	Pitt	Utility	Unknown	Unknown	Unevaluated	Dry Floodproof
12	2030 Pactolus Hwy	Pitt	Residential	Unknown	Unknown	Unevaluated	Elevate
13	1105 N Memorial Dr	Pitt	Commercial	1967	Yes	Unevaluated	Dry Floodproof
14	0 Legion St	Pitt	Commercial	1995	No	Unevaluated	Dry Floodproof
15	0 Legion St	Pitt	Commercial	1995	No	Unevaluated	Dry Floodproof
16	1105 N Memorial Dr	Pitt	Industrial	1967	Yes	Unevaluated	Dry Floodproof
17	1105 N Memorial Dr	Pitt	Utility	1967	Yes	Unevaluated	Dry Floodproof
18	1105 N Memorial Dr	Pitt	Utility	1967	Yes	Unevaluated	Dry Floodproof

19	1003 Legion St	Pitt	Residential	1985	No	Unevaluated	Elevate Flood Vent
20	0 Legion St	Pitt	Commercial	1995	No	Unevaluated	Dry Floodproof
21	311 Old River Rd	Pitt	Commercial	1981	No	Unevaluated	Dry Floodproof
22	1105 N Memorial Dr	Pitt	Industrial	1967	Yes	Unevaluated	Dry Floodproof
ID	Address	County	Structure Type	Year Construction	50+ years	NRHP Eligibility	Proposed Non-Structural Measure
23	0 Legion St	Pitt	Commercial	1995	No	Unevaluated	Dry Floodproof
24	0 Legion St	Pitt	Commercial	1995	No	Unevaluated	Dry Floodproof
25	1105 N Memorial Dr	Pitt	Industrial	1967	Yes	Unevaluated	Dry Floodproof
26	1301 Melody Ln	Pitt	Utility	Unknown	Unknown	Unevaluated	Dry Floodproof
27	234 W Dudley St	Pitt	Commercial	1978	No	Unevaluated	Dry Floodproof
28	1410 N Pitt St	Pitt	Residential	1930	Yes	Unevaluated	Elevate Flood Vent
29	1002 N PITT ST	Pitt	Industrial	1952	Yes	Unevaluated	Dry Floodproof
30	102 Airport Rd	Pitt	Commercial	1980	No	Unevaluated	Dry Floodproof
31	1200 N Greene St	Pitt	Commercial	1980	No	Unevaluated	Dry Floodproof
32	400 Mumford Rd	Pitt	Residential	1966	Yes	Unevaluated	Elevate Flood Vent
33	801 Mumford Rd	Pitt	Industrial	1979	No	Unevaluated	Dry Floodproof
34	708 Mumford Rd	Pitt	Commercial	1987	No	Unevaluated	Dry Floodproof
35	801 Mumford Rd	Pitt	Industrial	1979	No	Unevaluated	Dry Floodproof
36	1401 Mill St	Pitt	Residential	2000	No	Unevaluated	Elevate
37	1310 Van Dyke St	Pitt	Residential	1953	Yes	Unevaluated	Elevate Flood Vent
38	507 Mumford Rd	Pitt	Residential	1958	Yes	Unevaluated	Elevate
39	716 Mumford Rd	Pitt	Residential	2000	No	Unevaluated	Elevate
40	601 Mumford Rd	Pitt	Residential	2000	No	Unevaluated	Elevate
41	801 Mumford Rd	Pitt	Industrial	1979	No	Unevaluated	Dry Floodproof
42	801 Mumford Rd	Pitt	Industrial	1979	No	Unevaluated	Dry Floodproof
43	1200 Meadowbrook Dr	Pitt	Industrial	1940	Yes	Unevaluated	Dry Floodproof
44	801 Mumford Rd	Pitt	Commercial	1979	No	Unevaluated	Dry Floodproof

45	801 Mumford Rd	Pitt	Industrial	1979	No	Unevaluated	Dry Floodproof
46	801 Mumford Rd	Pitt	Residential	1979	No	Unevaluated	Elevate
47	1218 Mumford Rd	Pitt	Commercial	1963	Yes	Unevaluated	Dry Floodproof
48	1108 Mumford Rd	Pitt	Commercial	1977	No	Unevaluated	Dry Floodproof
49	1214 Mumford Rd	Pitt	Commercial	1974	No	Unevaluated	Dry Floodproof
50	1210 Mumford Rd	Pitt	Commercial	1974	No	Unevaluated	Dry Floodproof
51	1216 Mumford Rd	Pitt	Industrial	1968	Yes	Unevaluated	Dry Floodproof
ID	Address	County	Structure Type	Year Construction	50+ years	NRHP Eligibility	Proposed Non-Structural Measure
52	1204 Mumford Rd	Pitt	Residential	1901	Yes	Unevaluated	Elevate
53	1206 Mumford Rd	Pitt	Public	1965	Yes	Unevaluated	Dry Floodproof
54	1600 N Greene St	Pitt	Residential	1940	Yes	Unevaluated	Elevate
55	1620 Pactolus Hwy	Pitt	Residential	1955	Yes	Unevaluated	Elevate Flood Vent
56	1375 Mumford Rd	Pitt	Residential	2000	No	Unevaluated	Elevate
57	1630 N Greene St	Pitt	Industrial	2022	No	Unevaluated	Dry Floodproof
58	1514 N Greene St	Pitt	Industrial	1952	Yes	Unevaluated	Dry Floodproof
59	1620 N Greene St	Pitt	Commercial	1960	Yes	Unevaluated	Dry Floodproof
60	1501 N Memorial Dr	Pitt	Industrial	1968	Yes	Unevaluated	Dry Floodproof
61	1630 N Greene St	Pitt	Industrial	2022	No	Unevaluated	Dry Floodproof
62	1612 Cody Ln	Pitt	Commercial	Unknown	Unknown	Unevaluated	Dry Floodproof
63	144 W Gum Rd	Pitt	Residential	Unknown	Unknown	Unevaluated	Elevate
64	1620 N Greene St	Pitt	Commercial	1960	Yes	Unevaluated	Dry Floodproof
65	0 Pollard St	Pitt	Industrial	1982	No	Unevaluated	Dry Floodproof
66	1630 N Greene St	Pitt	Commercial	2022	No	Unevaluated	Dry Floodproof
67	320 Pactolus Hwy	Pitt	Industrial	1950	Yes	Unevaluated	Dry Floodproof
68	330 Pactolus Hwy	Pitt	Industrial	1976	No	Unevaluated	Dry Floodproof
69	1784 Embarcadero Ave	Pitt	Residential	Unknown	Unknown	Unevaluated	Elevate
70	1784 Embarcadero Ave	Pitt	Residential	Unknown	Unknown	Unevaluated	Elevate

71	1784 Embarcadero Ave	Pitt	Residential	Unknown	Unknown	Unevaluated	Elevate
72	1784 Embarcadero Ave	Pitt	Residential	Unknown	Unknown	Unevaluated	Elevate
73	1784 Embarcadero Ave	Pitt	Residential	Unknown	Unknown	Unevaluated	Elevate
74	1784 Embarcadero Ave	Pitt	Residential	Unknown	Unknown	Unevaluated	Elevate
75	1784 Embarcadero Ave	Pitt	Residential	Unknown	Unknown	Unevaluated	Elevate
76	1784 Embarcadero Ave	Pitt	Residential	Unknown	Unknown	Unevaluated	Elevate
77	1784 Embarcadero Ave	Pitt	Residential	Unknown	Unknown	Unevaluated	Elevate
78	1784 Embarcadero Ave	Pitt	Residential	Unknown	Unknown	Unevaluated	Elevate
79	1784 Embarcadero Ave	Pitt	Residential	Unknown	Unknown	Unevaluated	Elevate
80	3251 Old River Rd	Pitt	Residential	1964	Yes	Unevaluated	Elevate
ID	Address	County	Structure Type	Year Construction	50+ years	NRHP Eligibility	Proposed Non-Structural Measure
81	1784 Embarcadero Ave	Pitt	Residential	Unknown	Unknown	Unevaluated	Elevate
82	1784 Embarcadero Ave	Pitt	Residential	Unknown	Unknown	Unevaluated	Elevate
83	1784 Embarcadero Ave	Pitt	Residential	Unknown	Unknown	Unevaluated	Elevate
84	1784 Embarcadero Ave	Pitt	Residential	Unknown	Unknown	Unevaluated	Elevate
85	1784 Embarcadero Ave	Pitt	Residential	Unknown	Unknown	Unevaluated	Elevate
86	1784 Embarcadero Ave	Pitt	Residential	Unknown	Unknown	Unevaluated	Elevate
87	1784 Embarcadero Ave	Pitt	Residential	Unknown	Unknown	Unevaluated	Elevate
88	1784 Embarcadero Ave	Pitt	Residential	Unknown	Unknown	Unevaluated	Elevate
89	3939 Old River Rd	Pitt	Residential	Unknown	Unknown	Unevaluated	Elevate
90	4022 Old River Rd	Pitt	Residential	1994	No	Unevaluated	Elevate
91	3079 DeLeon Ln	Nash	Residential	Unknown	Unknown	Unevaluated	Elevate
92	1704 Graham St	Nash	Residential	1977	No	Unevaluated	Flood Vent
93	1001 Bethlehem Rd	Nash	Commercial	1955	Yes	Unevaluated	Dry Floodproof
94	1169 Nashville Rd	Nash	Commercial	1950	Yes	Unevaluated	Dry Floodproof
95	1169 Nashville Rd	Nash	Commercial	1950	Yes	Unevaluated	Dry Floodproof
96	3309 NC 33 NW	Edgecombe	Commercial	Unknown	Unknown	Unevaluated	Dry Floodproof

97	141 Airport Rd	Edgecombe	Commercial	Unknown	Unknown	Unevaluated	Dry Floodproof
98	3378 NC 33 NW	Edgecombe	Commercial	Unknown	Unknown	Unevaluated	Dry Floodproof
99	Airport Rd	Edgecombe	Industrial	Unknown	Unknown	Unevaluated	Dry Floodproof
100	3334 NC 33 West	Edgecombe	Commercial	Unknown	Unknown	Unevaluated	Dry Floodproof
101	3378 NC 33 NW	Edgecombe	Commercial	Unknown	Unknown	Unevaluated	Dry Floodproof
102	Airport Rd	Edgecombe	Commercial	Unknown	Unknown	Unevaluated	Dry Floodproof
103	529 Airport Rd	Edgecombe	Industrial	Unknown	Unknown	Unevaluated	Dry Floodproof
104	529 Airport Rd	Edgecombe	Residential	Unknown	Unknown	Unevaluated	Elevate Flood Vent
105	1663 E Northern Blvd Ext	Edgecombe	Industrial	Unknown	Unknown	Unevaluated	Dry Floodproof
106	192 Lakeview Farm Ln	Nash	Commercial	1985	No	Unevaluated	Dry Floodproof
107	1712 Lafayette Cr	Nash	Residential	1961	Yes	Unevaluated	Elevate Flood Vent
108	192 Lakeview Farm Ln	Nash	Residential	1985	No	Unevaluated	Elevate Flood Vent
109	100 Lakeview Farm Ln	Nash	Residential	1950	Yes	Unevaluated	Elevate Flood Vent
ID	Address	County	Structure Type	Year Construction	50+ years	NRHP Eligibility	Proposed Non-Structural Measure
110	192 Lakeview Farm Ln	Nash	Residential	1985	No	Unevaluated	Flood Vent
111	1800 Stone Rose Dr	Nash	Commercial	1961	Yes	Unevaluated	Dry Floodproof
112	US 64 ALT West	Edgecombe	Residential	Unknown	Unknown	Unevaluated	Elevate Flood Vent
113	733 N Taylor St	Nash	Residential	1959	Yes	Unevaluated	Elevate Flood Vent
114	322 Morgan St	Nash	Residential	1940	Yes	Unevaluated	Flood Vent
115	309 Morgan St	Nash	Residential	1950	Yes	Unevaluated	Flood Vent
116	213 Melton Dr	Nash	Commercial	1965	Yes	Unevaluated	Dry Floodproof
117	212 Melton Dr	Nash	Commercial	1973	Yes	Unevaluated	Dry Floodproof
118	950 Atlantic Ave	Edgecombe	Public	Unknown	Unknown	Unevaluated	Dry Floodproof
119	101 Patrick Ct	Nash	Industrial	1996	No	Unevaluated	Dry Floodproof
120	116 N Circle Dr	Nash	Commercial	1976	No	Unevaluated	Dry Floodproof
121	111 Country Club Rd	Nash	Commercial	1986	No	Unevaluated	Dry Floodproof
122	2412 Sunset Ave	Nash	Commercial	1965	Yes	Unevaluated	Dry Floodproof

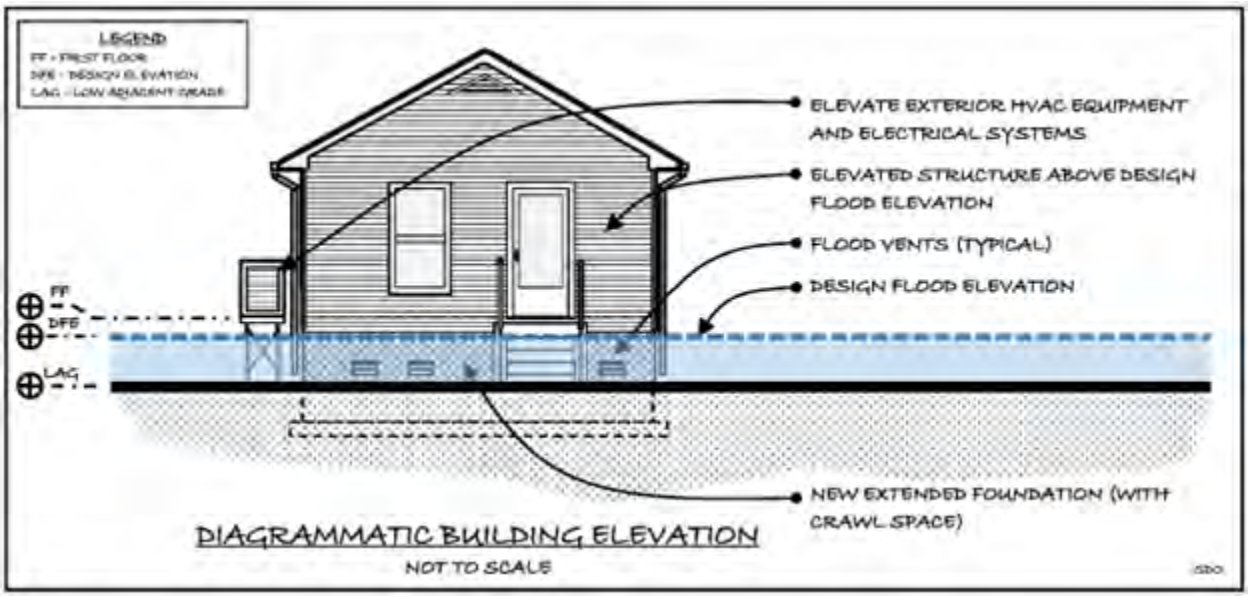
123	111 Country Club Rd	Nash	Commercial	1986	No	Unevaluated	Dry Floodproof
124	2501 Sunset Ave	Nash	Commercial	1966	Yes	Unevaluated	Dry Floodproof
125	111 Country Club Rd	Nash	Commercial	1986	No	Unevaluated	Dry Floodproof
126	117 Country Club Rd	Nash	Industrial	1976	No	Unevaluated	Dry Floodproof
127	111 Country Club Rd	Nash	Commercial	1986	No	Unevaluated	Dry Floodproof
128	2509 Sunset Ave	Nash	Commercial	1951	Yes	Unevaluated	Dry Floodproof
129	2510 Sunset Ave	Nash	Commercial	1969	Yes	Unevaluated	Dry Floodproof
130	2518 Sunset Ave	Nash	Commercial	1960	Yes	Unevaluated	Dry Floodproof
131	109 Pinewood Ave	Nash	Residential	1969	Yes	Unevaluated	Elevate Flood Vent
132	114 Forest Hill Ave	Nash	Commercial	1920	Yes	Unevaluated	Dry Floodproof
133	550 N Wesleyan Blvd	Nash	Commercial	2018	No	Unevaluated	Dry Floodproof
134	2088 Stone Rose Dr	Nash	Commercial	1986	No	Unevaluated	Dry Floodproof
135	627 Tarrytown Ctr	Nash	Commercial	1910	Yes	Unevaluated	Dry Floodproof
136	627 Tarrytown Ctr	Nash	Commercial	1910	Yes	Unevaluated	Dry Floodproof
137	1131 Atlantic Ave	Edgecombe	Industrial	Unknown	Unknown	Unevaluated	Dry Floodproof
138	1745 Harper St	Edgecombe	Industrial	Unknown	Unknown	Unevaluated	Dry Floodproof
ID	Address	County	Structure Type	Year Construction	50+ years	NRHP Eligibility	Proposed Non-Structural Measure
139	129 Stoney Creek Dr	Nash	Residential	1983	No	Unevaluated	Elevate Flood Vent
140	3301 Brookview Dr	Nash	Residential	1976	No	Unevaluated	Elevate Flood Vent
141	3309 Brookview Dr	Nash	Residential	1980	No	Unevaluated	Elevate
142	3305 Brookview Dr	Nash	Residential	1974	No	Unevaluated	Elevate Flood Vent
143	no physical address	Nash	Residential	1977	No	Unevaluated	Flood Vent
144	3441 Greenbriar Dr	Nash	Residential	1977	No	Unevaluated	Elevate Flood Vent
145	3068 Zebulon Rd	Nash	Residential	1983	No	Unevaluated	Flood Vent
146	3060 Zebulon Rd	Nash	Residential	1983	No	Unevaluated	Flood Vent
147	3013 Zebulon Rd	Nash	Commercial	1988	No	Unevaluated	Dry Floodproof
148	3072 Zebulon Rd	Nash	Residential	1983	No	Unevaluated	Flood Vent

149	3064 Zebulon Rd	Nash	Residential	1983	No	Unevaluated	Elevate Flood Vent
150	3076 Zebulon Rd	Nash	Residential	1983	No	Unevaluated	Elevate Flood Vent
151	3186 Zebulon Rd	Nash	Commercial	1972	Yes	Unevaluated	Dry Floodproof
152	144 Country Club Rd	Nash	Residential	1953	Yes	Unevaluated	Elevate
153	521 Country Club Rd	Nash	Commercial	1910	Yes	Unevaluated	Dry Floodproof
154	101 Rowe Dr	Nash	Commercial	1995	No	Unevaluated	Dry Floodproof
155	303 W Washington St	Nash	Commercial	1910	Yes	Unevaluated	Dry Floodproof
156	10826 NC 97 West	Edgecombe	Industrial	Unknown	Unknown	Unevaluated	Dry Floodproof

Enclosure 3
Non-Structural Measures Descriptions

Structure Elevation

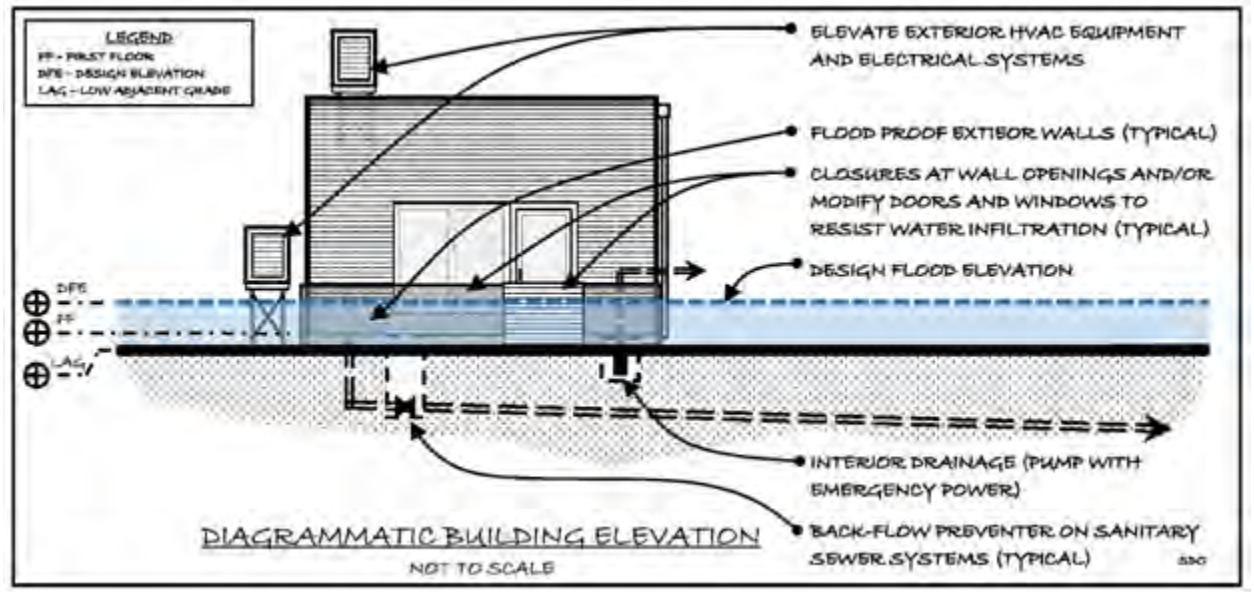
Structure elevation consists of elevating a structure's habitable area above a specified flood elevation. The target elevation used for this study is the 1% annual exceedance probability (AEP) elevation plus two feet. Structures can be elevated on piers or on an extended foundation—the latter also requires installation of flood vents. If a basement exists, it should be abandoned and filled.

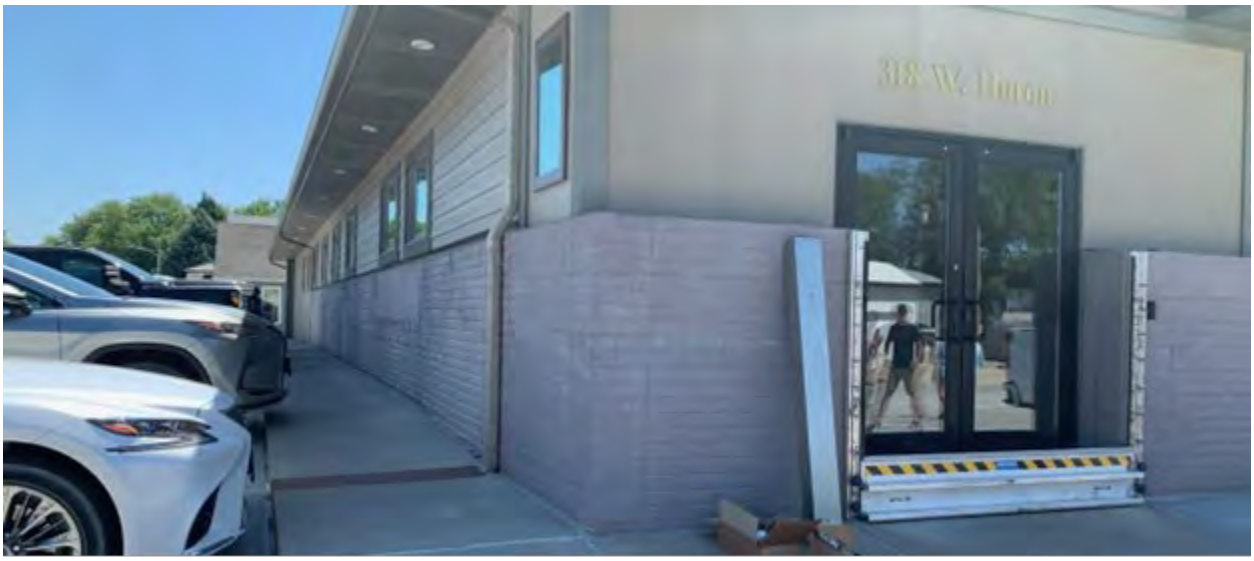


Diagrammatic building elevation (top) and example of an elevated house with flood vents (bottom).

Dry Floodproofing

Dry floodproofing consists of waterproofing the entire structure or portions of the structure. Structures can generally be dry floodproofed up to between 3 to 4 feet on the exterior walls. For this study, we assumed dry floodproofing to the 1% AEP flood elevation plus two feet or a maximum of four feet. Exterior walls would be floodproofed using waterproof membranes and protective veneer wall. A sump pump and drain system may be required as part of the project to remove seepage or interior drainage. Closure panels are required for all openings.





Dry floodproofing diagrammatic drawing (top) and example (bottom)

From: Elizabeth Toombs
To: Zulauf, Michelle Rosado CIV USARMY CELRP (USA)
Subject: [Non-DoD Source] RE: Tar Pamlico River Basin Flood Management Study
Date: Tuesday, October 31, 2023 9:39:39 AM

Thank you for the review request, Michelle. Edgecombe, Nash, and Pitt Counties in North Carolina are outside the Cherokee Nation's Area of Interest. Thus, this Office respectfully defers to federally recognized Tribes that have an interest in this landbase at this time.

Also, while we appreciate your notification to our Principal Chief Chuck Hoskin, Jr., our Office requests that Section 106 requests are emailed directly to my attention. Thank you for your understanding and the opportunity to comment upon this proposed undertaking. Please contact me if there are any questions or concerns.

Wado,

Elizabeth Toombs, Tribal Historic Preservation Officer
Cherokee Nation
Tribal Historic Preservation Office
PO Box 948
Tahlequah, OK 74465-0948
918.453.5389

From: Zulauf, Michelle Rosado CIV USARMY CELRP (USA) <Michelle.R.Zulauf@usace.army.mil>
Sent: Tuesday, October 31, 2023 8:31 AM
To: Chuck Hoskin Jr <chuck-hoskin@cherokee.org>
Cc: Elizabeth Toombs <elizabeth-toombs@cherokee.org>
Subject: <EXTERNAL> Tar Pamlico River Basin Flood Management Study

****
NOTICE: THIS EMAIL CONTAINS AN ATTACHMENT SENT FROM AN EXTERNAL SENDER.
IF YOU DO NOT KNOW THE SENDER OR WERE NOT EXPECTING THIS EMAIL,
DO NOT OPEN ANY EMAIL ATTACHMENTS AND DELETE THIS MESSAGE.
Thank you: The Cherokee Nation - Information Technology Department
****

Dear Chief Hoskin,

Enclosed please find the USACE Pittsburgh District invitation to consult pursuant to the National Historic Preservation Act on the Tar Pamlico Basin Flood Risk Management Feasibility Study.

If you have any questions regarding this undertaking or wish to received additional information please reply to this email. Hard copy to follow.

Regards,
Michelle

Michelle R. Zulauf, M.A., RPA 28578808
District Archaeologist & Tribal Liaison
USACE Pittsburgh District
Planning and Environmental Branch
Environmental and Cultural Resources Section
Phone: 412-395-7521
Email: michelle.r.zulauf@usace.army.mil

DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, PITTSBURGH DISTRICT
1000 LIBERTY AVENUE
PITTSBURGH, PA 15222-4186

OCT 2 7 2023

Mr. William Harris
Chief
Catawba Indian Nation
996 Avenue of the Nations
Rock Hill, SC 29730

Dear Chief Harris:

The U.S. Army Corps of Engineers (USACE), Pittsburgh District is currently executing a flood risk management study (Study) within the Tar-Pamlico River Basin. The purpose of the Study is to assess and recommend actions that reduce flood risk within the Tar-Pamlico River Basin. The Study was authorized by the House Committee on Transportation and Infrastructure Resolution adopted April 11, 2000, and the House Committee on Transportation and Infrastructure Resolution adopted May 21, 2003. The North Carolina Department of Environmental Quality is the non-Federal Sponsor for the Study. A draft integrated report that combines the feasibility study and National Environmental Policy Act (NEPA) compliance documentation is being prepared. This draft integrated report will identify a Tentatively Selected Plan (TSP) and will address the plans effects on the natural and human environments.

The United States has a unique legal relationship with Tribal governments as set forth in the Constitution of the United States, treaties, statues, executive orders, and court decisions. USACE recognizes the sovereign status of Tribal governments and our obligation for pre-decisional government-to-government consultation. Pursuant to Executive Order 13175, USACE Tribal Consultation Policy, National Historic Preservation Act (NHPA), and Council on Environmental Quality (CEQ) Guidelines on Indigenous Knowledge, USACE would like to identify tribes interested in consulting on this Study and requests your assistance in identifying properties, within the Study area, which may be of religious and/or cultural significance.

National Historic Preservation Act (54 U.S.C. § 306108)

Pursuant to Section 106 of the National Historic Preservation Act (NHPA) (54 U.S.C. § 306108), and its implementing regulations (36 C.F.R. § 800), USACE has determined that the Study constitutes an undertaking as defined in 36 C.F.R. § 800.16(y) and has a potential to affect historic properties listed on, or determined eligible for, the National Register of Historic Places (NRHP) under 36 C.F.R. § 800.3.

USACE's tentatively selected plan incorporates a series of nonstructural measures that include structure elevation, floodproofing, or flood venting. Initial analysis has identified a total of 157 residential and non-residential structures preliminarily suitable for nonstructural measures. However additional structure-specific analysis will need to be conducted to determine final suitability, which will occur at a later date if a project is authorized for implementation by Congress following Study completion.

USACE has determined that the Area of Potential Effects (APE) for the tentatively selected plan broadly includes areas where initial Study analyses indicate modification of existing structures will be economically feasible in Nash, Edgecombe and Pitt Counties, North Carolina (Figure 1).

In order to initiate consultation for the Study, USACE requests your assistance in identifying properties, within the APE, which may be of religious and cultural significance to your tribe and may be eligible for the National Register. Pursuant to section 304 of NHPA, USACE will maintain confidentially of all religious and culturally significant properties and will withhold all information from the general public regarding location, character, ownership, or any other particulars that may cause a significant invasion of privacy; risk harm to the historic property; or impede the use of a traditional religious site by practitioners.

Furthermore, based on the present feasibility level design, USACE proposes the development of a project-specific programmatic agreement (PA) to comply with Section 106 of the NHPA. The PA will outline the efforts and schedule for identifying significant historic properties within the APE, assessing the effects of proposed undertaking to these properties, and the measures to be taken to avoid or minimize adverse effects. If needed, mitigation will be captured under a separate memorandum of agreement. USACE would like to invite the Tribe to participate in the drafting of the PA and as an invited signatory, if desired. Other signatories of this PA will include NC Historic Preservation Office, NC Department of Environmental Quality (as an invited signatory), and the Advisory Council on Historic Preservation (if inclined to participate).

If your tribe is interested in consulting on this Study and/or participating in the development or signature of the proposed programmatic agreement, USACE kindly requests that you notify us either by letter to the address in the letterhead above or by contacting the email address below within 30 days from receipt of this letter.

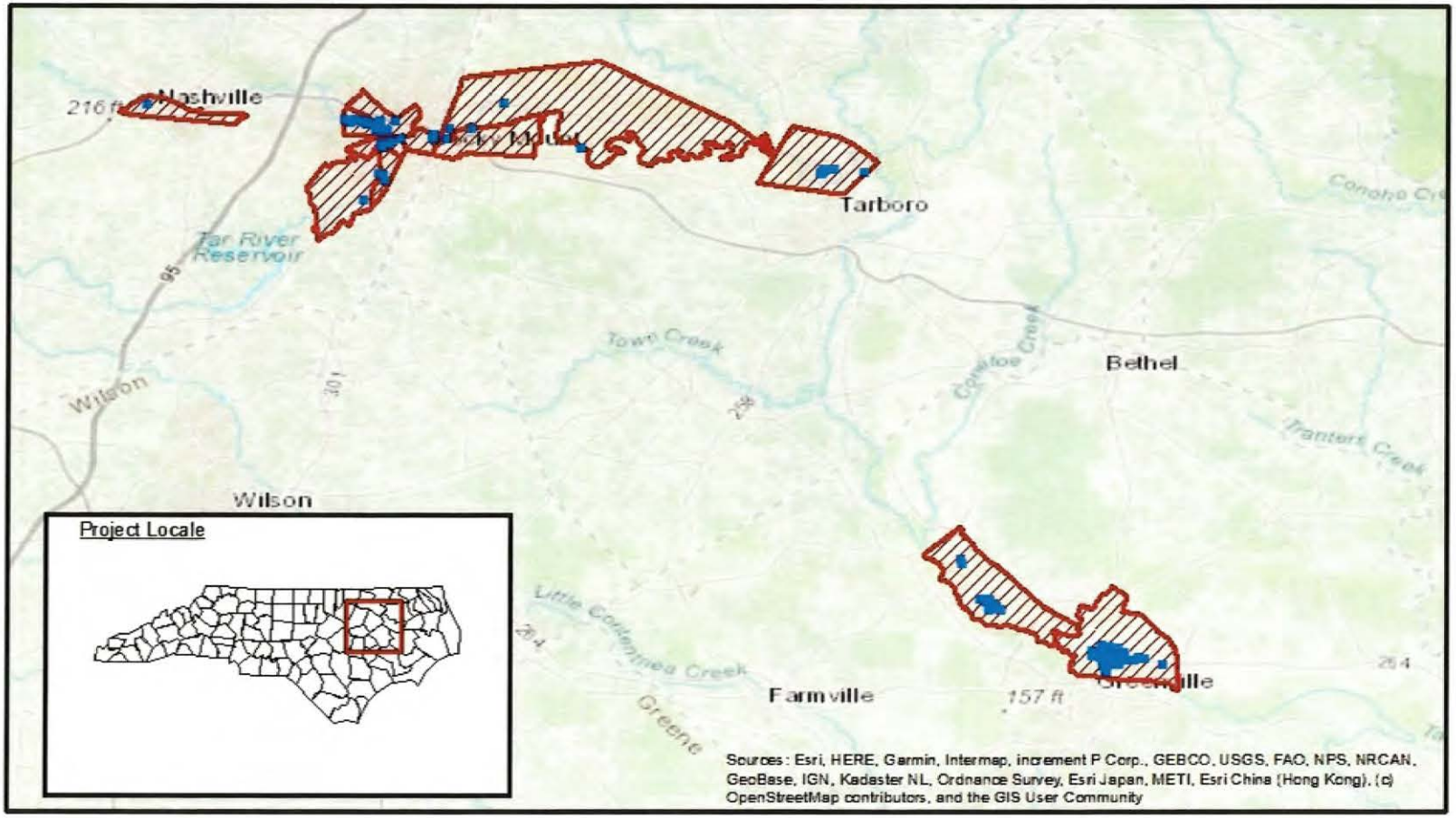
The staff point of contact for this effort is Ms. Michelle Zulauf, Tribal Liaison, Pittsburgh District, who can be reached at 412-395-7521 or e-mail at michelle.r.zulauf@usace.army.mil.

Sincerely,

For Nicholas O. Melin
Colonel, Corps of Engineers
District Engineer

Enclosure
Copied: Wenonah Haire – Tribal Historic Preservation Officer

Area of potential effect (APE) under consideration in the Tar-Pamlico River Basin Flood Risk Management Study



Tar-Pamlico River Basin Flood Risk Management Study Area

Edgecombe, Nash, and Pitt Counties
North Carolina

Structures proposed to be modified

Area of Potential Effects

Kilometers

0 2 4 8 12 16

N

DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, PITTSBURGH DISTRICT
1000 LIBERTY AVENUE
PITTSBURGH, PA 15222-4186

OCT 2 7 2023

Mr. Chuck Hoskin, Jr.
Principal Chief
Cherokee Nation
P.O. Box 948
Tahlequah, OK 74465

Dear Chief Hoskin:

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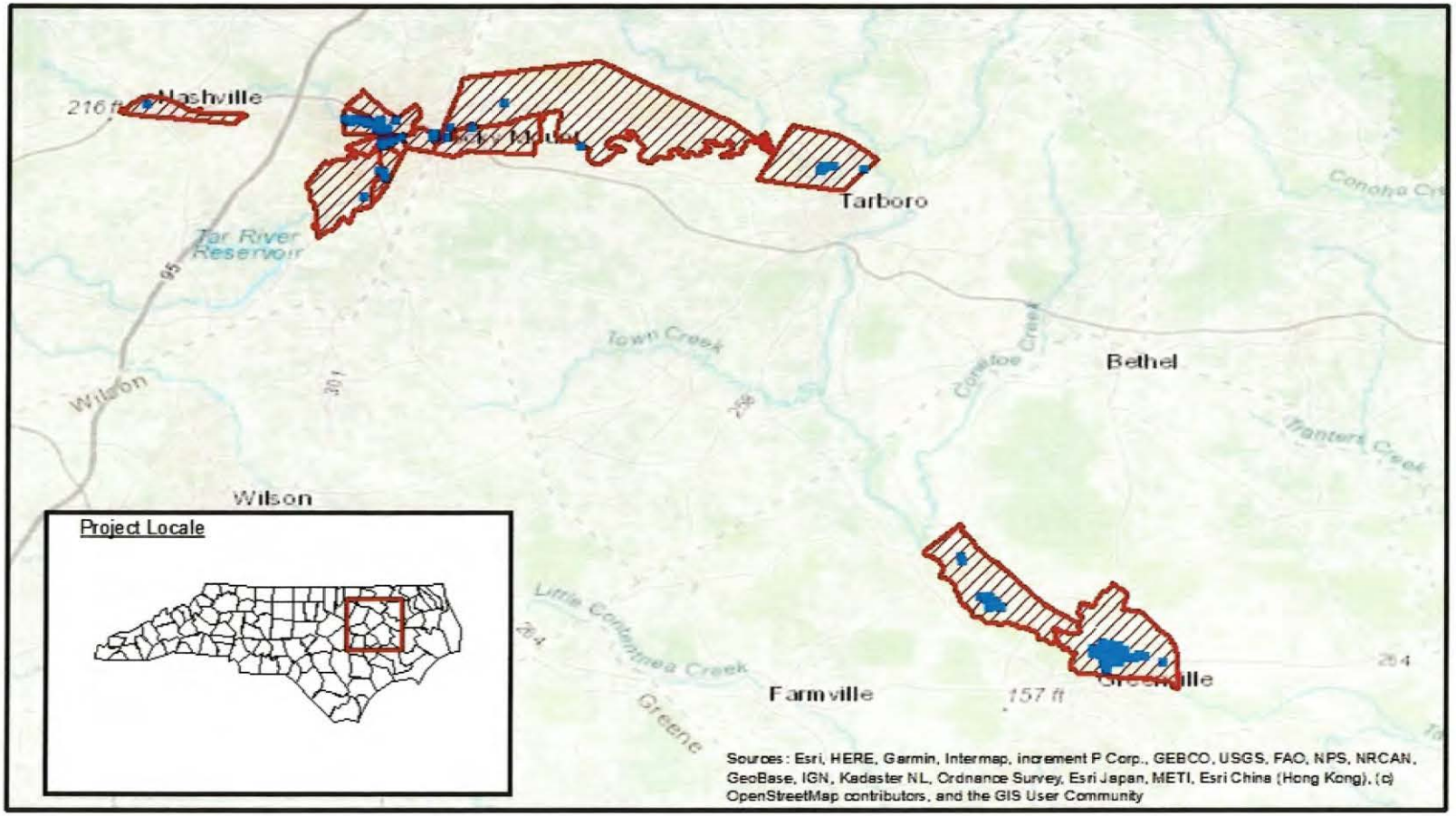
The staff point of contact for this effort is Ms. Michelle Zulauf, Tribal Liaison, Pittsburgh District, who can be reached at 412-395-7521 or e-mail at michelle.r.zulauf@usace.army.mil.

Sincerely,

FOR Nicholas O. Melin
Colonel, Corps of Engineers
District Commander

Enclosures
Copied: Elizabeth Toombs – Tribal Historic Preservation Officer

Area of potential effect (APE) under consideration in the Tar-Pamlico River Basin Flood Risk Management Study



Tar-Pamlico River Basin Flood Risk Management Study Area

Edgecombe, Nash, and Pitt Counties
North Carolina

Structures proposed to be modified

Area of Potential Effects

Kilometers

0 2 4 8 12 16

DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, PITTSBURGH DISTRICT
1000 LIBERTY AVENUE
PITTSBURGH, PA 15222-4186

OCT 2 7 2023

Mr. Michell Hicks
Principal Chief
Eastern Band of Cherokee Indians
88 Council House Loop
Cherokee, NC 28719

Dear Chief Hicks:

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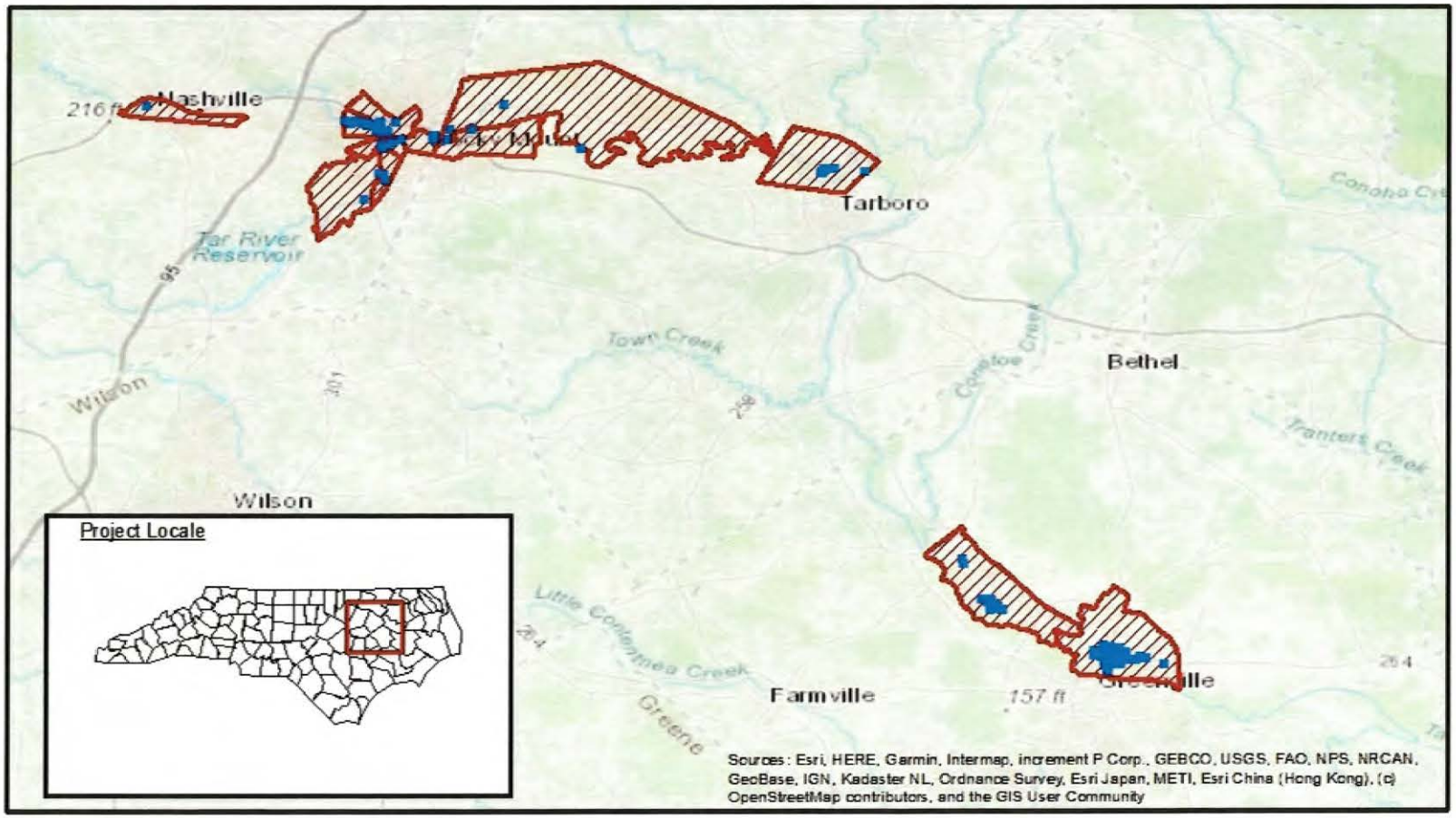
Sincerely,

For Nicholas O. Melin
Colonel, Corps of Engineers
District Commander

Enclosures
Copied: Russell Townsend – Tribal Historic Preservation Officer

Area of potential effect (APE) under consideration in the Tar-Pamlico River Basin Flood Risk Management Study



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Edgecombe, Nash, and Pitt Counties
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N

DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, PITTSBURGH DISTRICT
1000 LIBERTY AVENUE
PITTSBURGH, PA 15222-4186

OCT 2 7 2023

Ms. Diane Shields
Tribal Chief
Monacan Indian Nation
111 Highview Drive
Madison Heights, VA 24572

Dear Chief Shields:

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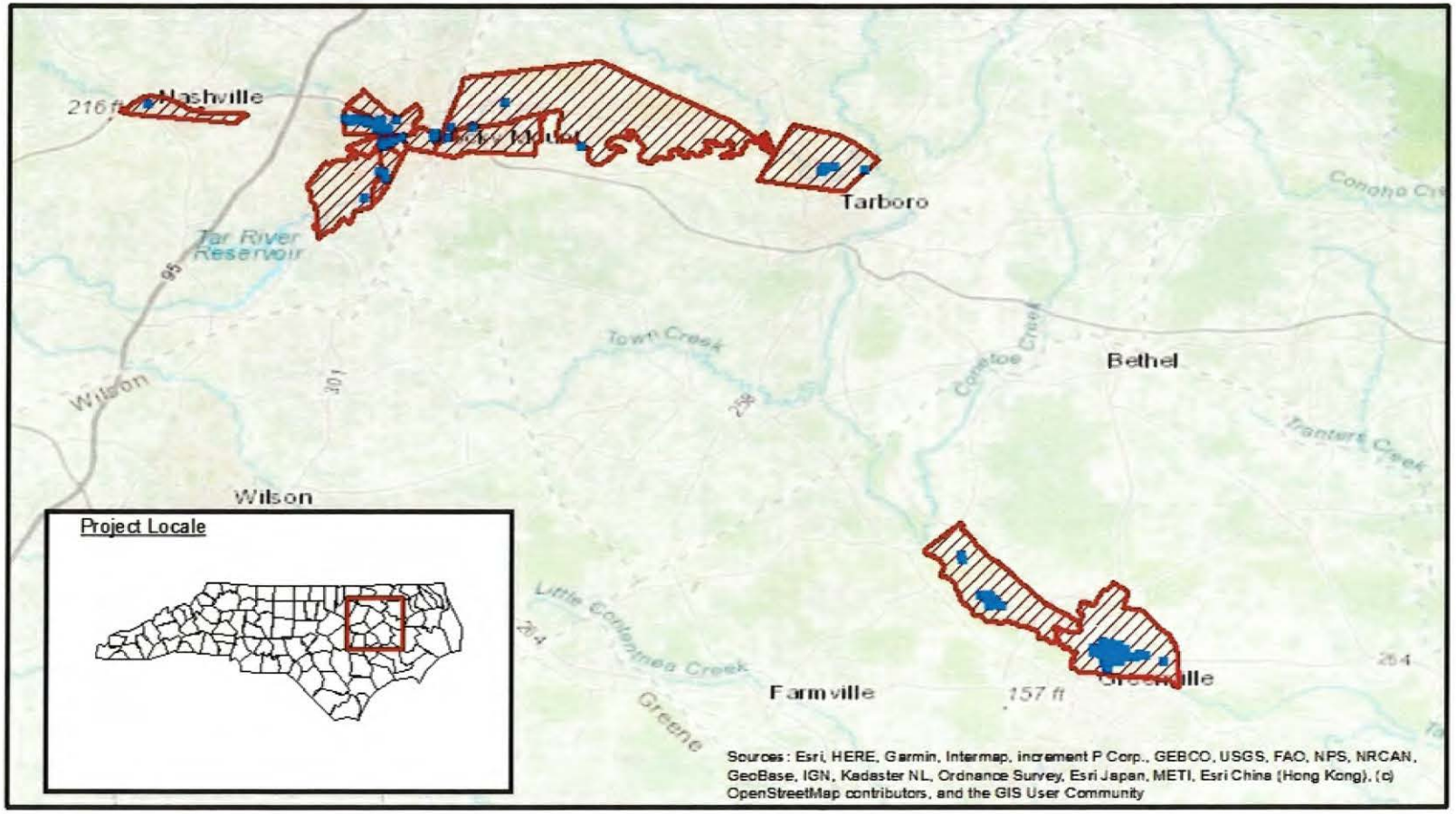
Sincerely,

For Nicholas O. Melin
Colonel, Corps of Engineers
District Commander

Enclosures
Copied: Acee Watt – Historic Preservation Office – Section 106 Coordinator

Area of potential effect (APE) under consideration in the Tar-Pamlico River Basin Flood Risk Management Study



Tar-Pamlico River Basin Flood Risk Management Study Area

Edgecombe, Nash, and Pitt Counties
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Area of Potential Effects

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DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, PITTSBURGH DISTRICT
1000 LIBERTY AVENUE
PITTSBURGH, PA 15222-4186

OCT 2 7 2023

Mr. Joe Bunch
Chief
United Keetoowah Band of Cherokee Indians
in Oklahoma
P.O. Box 746
Tahlequah, OK 74465

Dear Chief Bunch:

The U.S. Army Corps of Engineers (USACE), Pittsburgh District is currently executing a flood risk management study within the Tar-Pamlico River Basin. The purpose of the Study is to assess and recommend actions that reduce flood risk and increase resilience within the Tar-Pamlico River Basin. The Study was authorized by the House Committee on Transportation and Infrastructure Resolution adopted April 11, 2000, and the House Committee on Transportation and Infrastructure Resolution adopted May 21, 2003. The North Carolina Department of Environmental Quality is the non-Federal Sponsor for the Study. A draft integrated report that combines the feasibility study and National Environmental Policy Act (NEPA) compliance documentation is being prepared. This integrated report will identify a Recommended Plan and will address the plans effects on the natural and human environments.

The United States has a unique legal relationship with Tribal governments as set forth in the Constitution of the United States, treaties, statues, executive orders, and court decisions. USACE recognizes the sovereign status of Tribal governments and our obligation for pre-decisional government-to-government consultation. Pursuant to Executive Order 13175, USACE Tribal Consultation Policy, National Historic Preservation Act (NHPA), and Council on Environmental Quality (CEQ) Guidelines on Indigenous Knowledge, USACE would like to identify tribes interested in consulting on this Study and requests your assistance in identifying properties, within the Study area, which may be of religious and/or cultural significance.

National Historic Preservation Act (54 U.S.C. § 306108)

Pursuant to Section 106 of the National Historic Preservation Act (NHPA) (54 U.S.C. § 306108), and its implementing regulations (36 C.F.R. § 800), USACE has determined that the Study constitutes an undertaking as defined in 36 C.F.R. § 800.16(y) and has a potential to affect historic properties listed on, or determined eligible for, the National Register of Historic Places (NRHP) under 36 C.F.R. § 800.3.

USACE has recommended a plan that incorporates a series of nonstructural measures that include structure elevation, floodproofing, or flood venting. Initial analysis has identified a total of 157 residential and non-residential structures preliminarily suitable for nonstructural measures. However additional structure-specific analysis will need to be conducted to determine final suitability during the second phase of this undertaking, which will occur at a later date if a project is authorized for implementation by Congress following Study completion.

USACE has determined that the Area of Potential Effects (APE) for the recommended plan broadly includes areas where initial Study analyses indicate modification of existing structures will be economically feasible in Nash, Edgecombe and Pitt Counties, North Carolina (Figure 1).

In order to initiate consultation for the Study, USACE requests your assistance in identifying properties, within the APE, which may be of religious and cultural significance to your tribe and may be eligible for the National Register. Pursuant to section 304 of NHPA, USACE will maintain confidentially of all religious and culturally significant properties and will withhold all information from the general public regarding location, character, ownership, or any other particulars that may cause a significant invasion of privacy; risk harm to the historic property; or impede the use of a traditional religious site by practitioners.

Furthermore, based on the present feasibility level design, USACE proposes the development of a project-specific programmatic agreement (PA) to comply with Section 106 of the NHPA. Pursuant to 54 U.S.C. § 306108 and 36 CFR § 800.14(b), it will be necessary for USACE to defer final identification and evaluation of historic properties until after implementation of the Study's recommended plan is congressionally authorized, funding is appropriated, and prior to construction by executing the PA with the Historic Preservation Office, NC Department of Environmental Quality (as an invited signatory), and the Advisory Council on Historic Preservation (if inclined to participate). The tribe is invited to participate as an invited signatory, if desired. The PA will outline the efforts and schedule for identifying significant historic properties within the APE, assessing the effects of proposed undertaking to these properties, and the measures to be taken to avoid or minimize adverse effects. If needed, mitigation will be captured under a separate memorandum of agreement.

If your tribe is interested in consulting on this Study and/or participating in the development or signature of the proposed programmatic agreement, USACE kindly requests that you notify us by either letter to the address in the letterhead above or by contacting the email address below within 30 days from receipt of this letter.

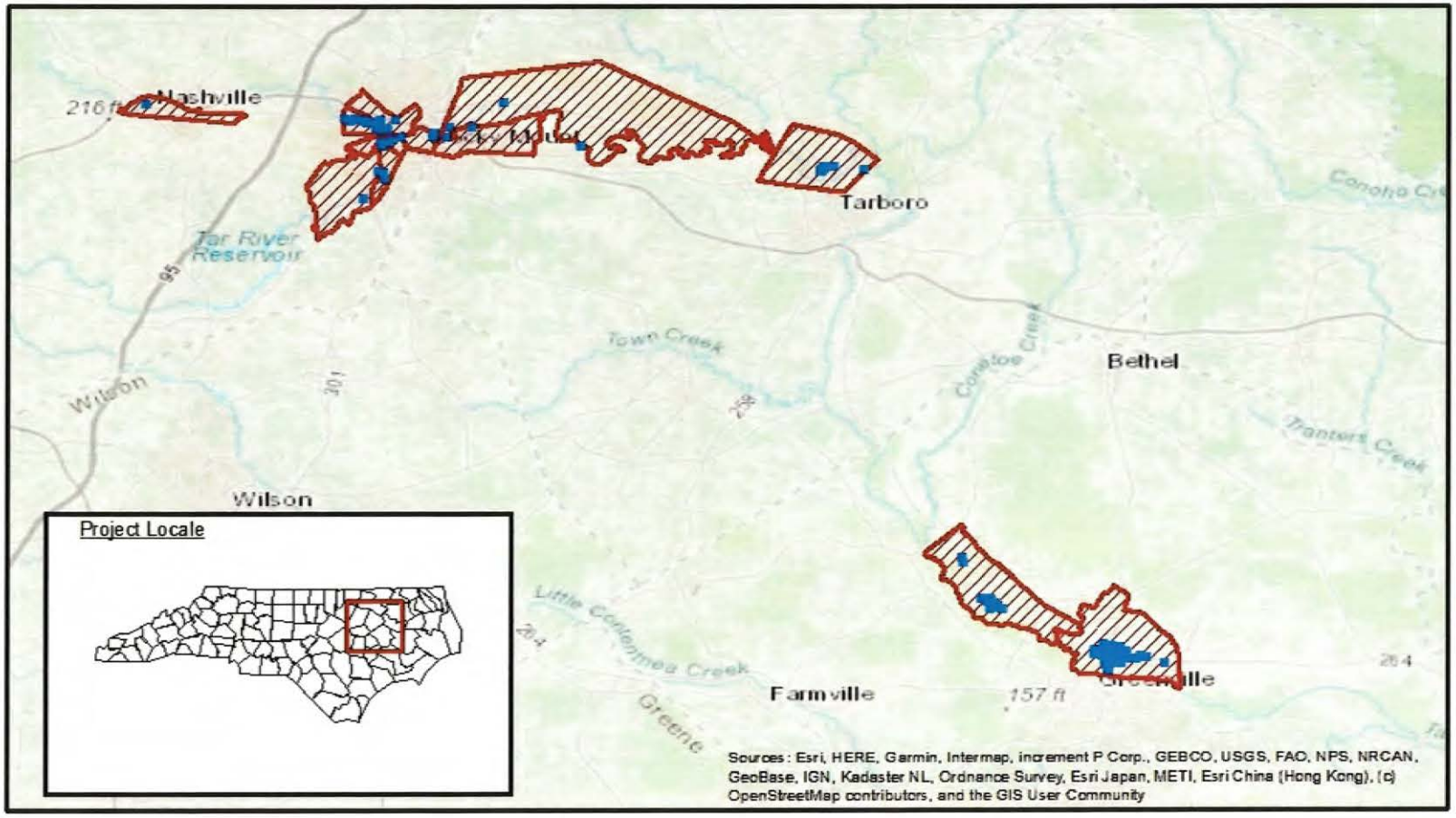
The staff point of contact for this effort is Ms. Michelle Zulauf, Tribal Liaison, Pittsburgh District, who can be reached at 412-395-7521 or e-mail at michelle.r.zulauf@usace.army.mil.

Sincerely,

For Nicholas O. Melin
Colonel, Corps of Engineers
District Commander

Enclosures
Copied: Acee Watt – Historic Preservation Office – Section 106 Coordinator

Area of potential effect (APE) under consideration in the Tar-Pamlico River Basin Flood Risk Management Study



Tar-Pamlico River Basin Flood Risk Management Study Area

Edgecombe, Nash, and Pitt Counties
North Carolina

Structures proposed to be modified

Area of Potential Effects

Kilometers

0 2 4 8 12 16

DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, PITTSBURGH DISTRICT
1000 LIBERTY AVENUE
PITTSBURGH, PA 15222-4186

October 16, 2023

Planning and Environmental Branch

Ms. Chantae M. Gooby
Greenville Historic Preservation Commission
P.O. Box 7207
Greenville, NC 27835

Dear Ms. Gooby:

The U.S. Army Corps of Engineers (USACE), Pittsburgh District is currently executing a flood risk management study within the Tar-Pamlico River Basin. The purpose of the Study is to address and recommend actions that reduce flood risk and increase resilience within the Tar-Pamlico River Basin. The Study was authorized by the House Committee on Transportation and Infrastructure Resolution adopted April 11, 2000, and the House Committee on Transportation and Infrastructure Resolution adopted May 21, 2003. The North Carolina Department of Environmental Quality is the non-Federal Sponsor for the Study. A draft integrated report that combines the feasibility study and National Environmental Policy Act (NEPA) compliance documentation is being prepared. This integrated report will identify the Recommended Plan and will address the plans effects on the natural and human environments.

Pursuant to Section 106 of the National Historic Preservation Act (NHPA) (54 U.S.C. § 306108), and its implementing regulations (36 C.F.R. § 800), USACE has determined that the Study constitutes an undertaking as defined in 36 C.F.R. § 800.16(y) and has a potential to affect historic properties listed on, or determined eligible for, the National Register of Historic Places under 36 C.F.R. § 800.3.

USACE has recommended a plan that incorporates a series of nonstructural measures that include structure elevation, floodproofing, or flood venting. The identification of exact locations of nonstructural measures requires additional analyses of the existing construction, flood risk, and determination of costs and benefits on a finer scale than is possible at this stage of the Study.

Based on the feasibility-level design, USACE proposes the development of a Study-specific programmatic agreement (PA) with your office to comply with Section 106 of the NHPA. Pursuant to 36 C.F.R. § 800.3(f), USACE has identified your Historical Commission as a potential consulting party to this consultation and is seeking your input.

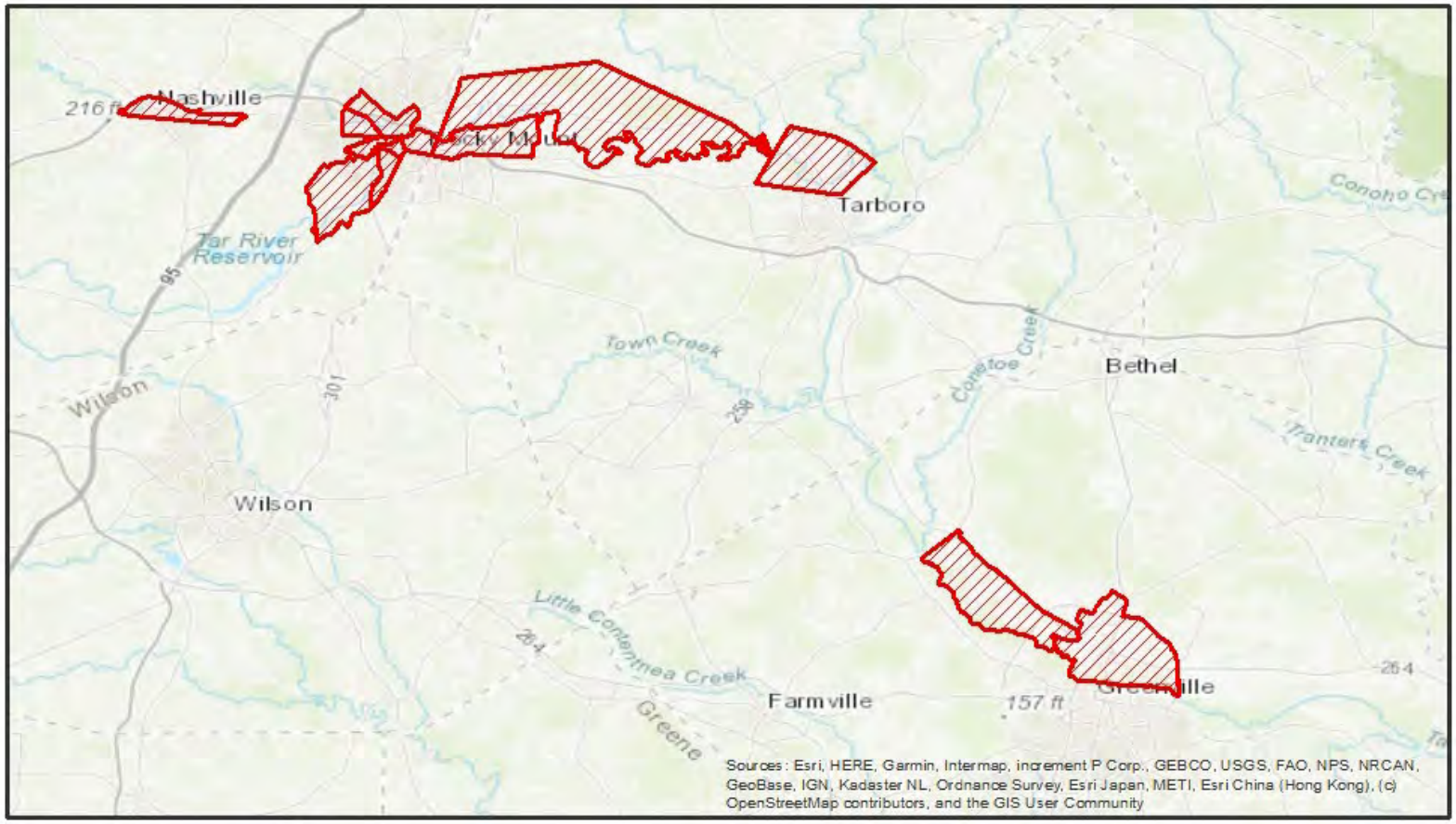
If you would like to participate in this consultation as a consulting party and/or in the development of the PA as a concurring party, or require additional information, please contact Ms. Michelle Zulauf, District Archaeologist, at (412) 395-7521 or michelle.r.zulauf@usace.army.mil within 30-days of receipt of this letter.

Sincerely,

Marc Glowczewski, PE, PMP
Chief, Planning and Environmental Branch

Enclosures

Area of potential effect (APE) under consideration in the Tar-Pamlico River Basin Flood Risk Management Study



Tar-Pamlico River Basin Flood Risk Management Study Area

Edgecombe, Nash, and Pitt Counties
North Carolina

Area of Potential Effects

Kilometers
0 2 4 8 12 16

N

DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, PITTSBURGH DISTRICT
1000 LIBERTY AVENUE
PITTSBURGH, PA 15222-4186

October 16, 2023

Planning and Environmental Branch

Ms. Stephanie Goodrich
Rocky Mount Historic Preservation Commission
P.O. Box 1180
Rocky Mount, NC 27802-1180

Dear Ms. Goodrich:

The U.S. Army Corps of Engineers (USACE), Pittsburgh District is currently executing a flood risk management study within the Tar-Pamlico River Basin. The purpose of the Study is to address and recommend actions that reduce flood risk and increase resilience within the Tar-Pamlico River Basin. The Study was authorized by the House Committee on Transportation and Infrastructure Resolution adopted April 11, 2000, and the House Committee on Transportation and Infrastructure Resolution adopted May 21, 2003. The North Carolina Department of Environmental Quality is the non-Federal Sponsor for the Study. A draft integrated report that combines the feasibility study and National Environmental Policy Act (NEPA) compliance documentation is being prepared. This integrated report will identify the Recommended Plan and will address the plans effects on the natural and human environments.

Pursuant to Section 106 of the National Historic Preservation Act (NHPA) (54 U.S.C. § 306108), and its implementing regulations (36 C.F.R. § 800), USACE has determined that the Study constitutes an undertaking as defined in 36 C.F.R. § 800.16(y) and has a potential to affect historic properties listed on, or determined eligible for, the National Register of Historic Places under 36 C.F.R. § 800.3.

USACE has recommended a plan that incorporates a series of nonstructural measures that include structure elevation, floodproofing, or flood venting. The identification of exact locations of nonstructural measures requires additional analyses of the existing construction, flood risk, and determination of costs and benefits on a finer scale than is possible at this stage of the Study.

Based on the feasibility-level design, USACE proposes the development of a Study-specific programmatic agreement (PA) with your office to comply with Section 106 of the NHPA. Pursuant to 36 C.F.R. § 800.3(f), USACE has identified your Historical Commission as a potential consulting party to this consultation and is seeking your input.

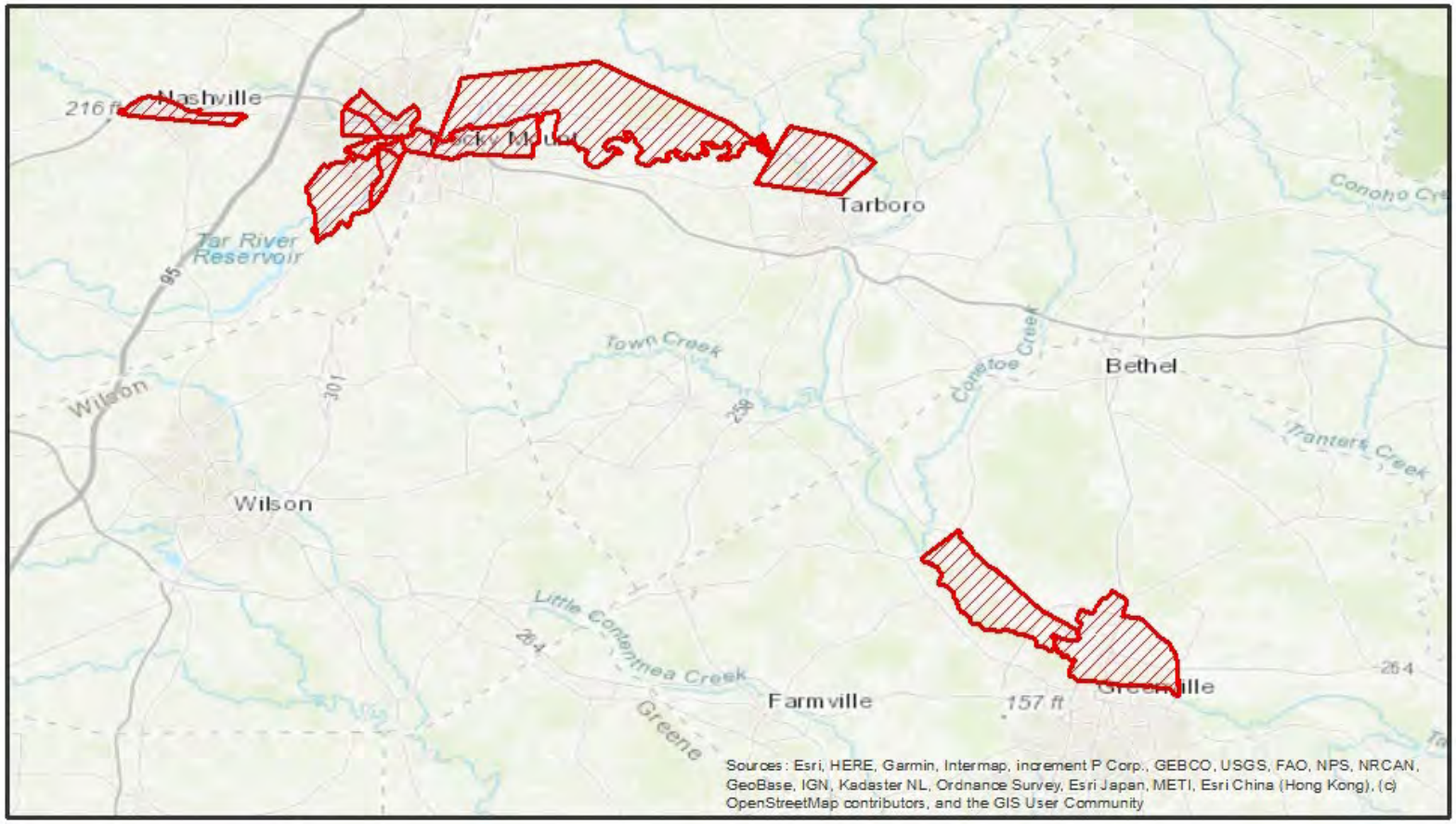
If you would like to participate in this consultation as a consulting party and/or in the development of the PA as a concurring party, or require additional information, please contact Ms. Michelle Zulauf, District Archaeologist, at (412) 395-7521 or michelle.r.zulauf@usace.army.mil within 30-days of receipt of this letter.

Sincerely,

Marc Glowczewski, PE, PMP
Chief, Planning and Environmental Branch

Enclosures

Area of potential effect (APE) under consideration in the Tar-Pamlico River Basin Flood Risk Management Study



Tar-Pamlico River Basin Flood Risk Management Study Area

Edgecombe, Nash, and Pitt Counties
North Carolina

Area of Potential Effects

Kilometers
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N

DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, PITTSBURGH DISTRICT
1000 LIBERTY AVENUE
PITTSBURGH, PA 15222-4186

October 16, 2023

Planning and Environmental Branch

Ms. Catherine Grimm
Tarboro Historic District Commission
P.O. Box 220
Tarboro, NC 27886-0220

Dear Ms. Grimm:

The U.S. Army Corps of Engineers (USACE), Pittsburgh District is currently executing a flood risk management study within the Tar-Pamlico River Basin. The purpose of the Study is to address and recommend actions that reduce flood risk and increase resilience within the Tar-Pamlico River Basin. The Study was authorized by the House Committee on Transportation and Infrastructure Resolution adopted April 11, 2000, and the House Committee on Transportation and Infrastructure Resolution adopted May 21, 2003. The North Carolina Department of Environmental Quality is the non-Federal Sponsor for the Study. A draft integrated report that combines the feasibility study and National Environmental Policy Act (NEPA) compliance documentation is being prepared. This integrated report will identify the Recommended Plan and will address the plans effects on the natural and human environments.

Pursuant to Section 106 of the National Historic Preservation Act (NHPA) (54 U.S.C. § 306108), and its implementing regulations (36 C.F.R. § 800), USACE has determined that the Study constitutes an undertaking as defined in 36 C.F.R. § 800.16(y) and has a potential to affect historic properties listed on, or determined eligible for, the National Register of Historic Places under 36 C.F.R. § 800.3.

USACE has recommended a plan that incorporates a series of nonstructural measures that include structure elevation, floodproofing, or flood venting. The identification of exact locations of nonstructural measures requires additional analyses of the existing construction, flood risk, and determination of costs and benefits on a finer scale than is possible at this stage of the Study.

Based on the feasibility-level design, USACE proposes the development of a Study-specific programmatic agreement (PA) with your office to comply with Section 106 of the NHPA. Pursuant to 36 C.F.R. § 800.3(f), USACE has identified your Historical Commission as a potential consulting party to this consultation and is seeking your input.

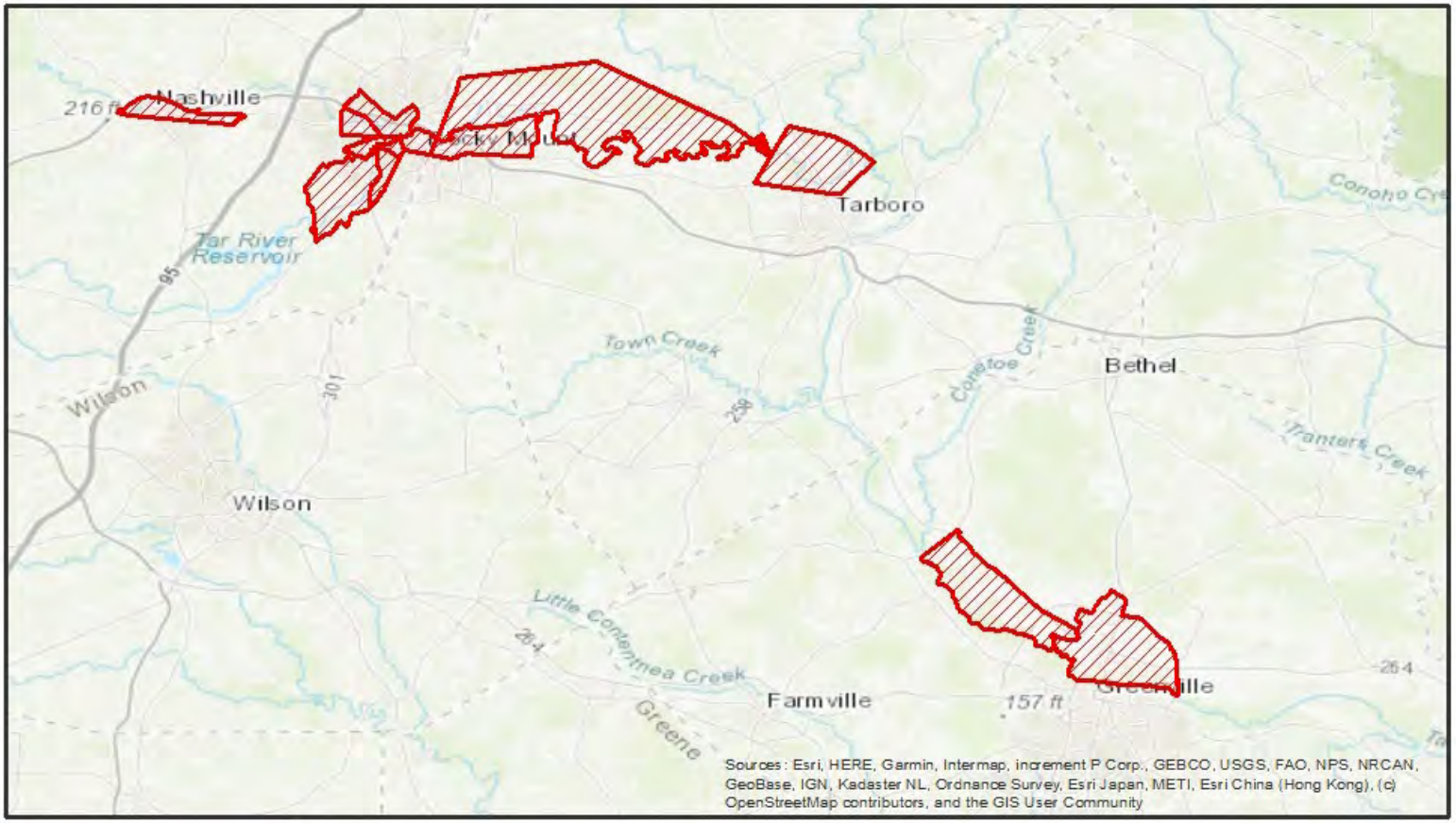
If you would like to participate in this consultation as a consulting party and/or in the development of the PA as a concurring party, or require additional information, please contact Ms. Michelle Zulauf, District Archaeologist, at (412) 395-7521 or michelle.r.zulauf@usace.army.mil within 30-days of receipt of this letter.

Sincerely,

Marc Glowczewski, PE, PMP
Chief, Planning and Environmental Branch

Enclosures

Area of potential effect (APE) under consideration in the Tar-Pamlico River Basin Flood Risk Management Study



Tar-Pamlico River Basin Flood Risk Management Study Area

Edgecombe, Nash, and Pitt Counties
North Carolina

Area of Potential Effects

Kilometers
0 2 4 8 12 16

N

North Carolina Department of Natural and Cultural Resources

State Historic Preservation Office

Ramona M. Bartos, Administrator

Governor Roy Cooper
Secretary D. Reid Wilson

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

January 5, 2024

Kristi Dobra kristi.s.dobra@usace.army.mil
U.S. Army Corps of Engineers
Pittsburgh District
2200 William S. Moorhead Federal Building
1000 Liberty Avenue
Pittsburgh, PA 15222-4186

Re: Tar-Pamlico River Basin Flood Risk Management, Multiple Counties, ER 20-1264

Dear Ms. Dobra:

Thank you for your email of November 2, 2023, transmitting the draft Integrated Feasibility Report and Environmental Assessment, dated October 2023, for the above-referenced undertaking. We have reviewed the documentation as well as the invitation to consult letter transmitted by Michelle Zulauf, USACE Pittsburg District, and offer the following comments.

We note that plan "3B", which includes proposed work (elevation, venting, and dry floodproofing) to over 100 at-risk structures, is the preferred alternative. We look forward to developing a programmatic agreement with USACE to address the agency's Section 106 requirements and the plan's potential to affect historic properties.

Please contact Katie Harville, Environmental Review Specialist, at katie.harville@dncr.nc.gov, and Chris Southerly, acting State Archaeologist, at chris.southerly@dncr.nc.gov, to schedule upcoming consultation meetings with our office.

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

Thank you for your cooperation and consideration. If you have questions concerning the above comment, contact Renee Gledhill-Earley, environmental review coordinator, at 919-814-6579

or environmental.review@dncr.nc.gov. In all future communication concerning this project, please cite the above referenced tracking number.

Sincerely,

Renee Gledhill-Earley

for Ramona Bartos, Deputy
State Historic Preservation Officer

cc	Chris Southerly, NC Office of State Archaeology	chris.southerly@dncr.nc.gov
	Katie Harville, NC HPO	katie.harville@dncr.nc.gov
	Michelle Zulauf, USACE Pittsburgh District	michelle.r.zulauf@usace.army.mil
	Lindsay Ferrante, USACE Wilmington District	lindsay.ferrante@usace.army.mil

North Carolina Department of Natural and Cultural Resources

State Historic Preservation Office

Ramona M. Bartos, Administrator

Governor Roy Cooper
Secretary D. Reid Wilson

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

February 1, 2024

Michelle Zulauf michelle.r.zulauf@usace.army.mil
U.S. Army Corps of Engineers
Pittsburgh District
2200 William S. Moorhead Federal Building
1000 Liberty Avenue
Pittsburgh, PA 15222-4186

Re: Tar-Pamlico River Basin Flood Risk Management, Multiple Counties, ER 20-1264

Dear Ms. Zulauf:

Thank you for your email of February 1, 2024, requesting clarification of our January 5, 2023, response letter. We apologize that it did not specifically address your request for concurrence of the proposed Tar River Basin area of potential effect (APE), to include work within Nashville (Nash County), Rocky Mount (Nash and Edgecombe Counties), and Greenville (Pitt County). We do not object to the proposed APE and look forward to continuing the development of the study-specific programmatic agreement (PA).

We are currently reviewing the draft PA provided to us on January 5, 2024, and will return our comments to you by February 16, 2024, as requested.

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

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

Sincerely,

Renee Gledhill-Earley

for Ramona Bartos, Deputy
State Historic Preservation Officer

cc Katie Harville, NC HPO katie.harville@dncr.nc.gov