TIER I ENVIRONMENTAL REVIEW RECORD
GREENE COUNTY HOUSING RECOVERY PROGRAM

PREPARED FOR:
NORTH CAROLINA DIVISION OF EMERGENCY MANAGEMENT

PREPARED BY:
IEM

AND
TETRA TECH, INC.

AUGUST 2018
### Tier I Environmental Review Record: Greene County Housing Recovery Program

<table>
<thead>
<tr>
<th>Responsible Entity</th>
<th>North Carolina Department of Commerce</th>
</tr>
</thead>
<tbody>
<tr>
<td>Certifying Officer</td>
<td>George Sherrill</td>
</tr>
<tr>
<td>Program Name</td>
<td>Rebuild NC: Greene County Single Family Housing Recovery Program (1-4 Units)</td>
</tr>
<tr>
<td>Federal Agency</td>
<td>U.S. Department of Housing and Urban Development (HUD)</td>
</tr>
<tr>
<td>Project Locations</td>
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<tr>
<td>Estimated Total Program Cost</td>
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</tr>
<tr>
<td>Grant Recipient</td>
<td>State of North Carolina</td>
</tr>
<tr>
<td>Recipient Address</td>
<td>4346 Mail Service Center, Raleigh, NC 27699-4346</td>
</tr>
<tr>
<td>Program Representative</td>
<td>Iris Payne, Program Director</td>
</tr>
<tr>
<td>Telephone Number</td>
<td>919-814-4663</td>
</tr>
<tr>
<td>Conditions for Approval</td>
<td>See Attachment 1 following and Section 4.0</td>
</tr>
<tr>
<td><strong>FINDING [58.40(g)]</strong></td>
<td>Finding of No Significant Impact (The project will not result in a significant impact on the quality of the human environment)</td>
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<tr>
<td></td>
<td>Finding of Significant Impact (The project may significantly affect the quality of the human environment)</td>
</tr>
<tr>
<td>Preparer Signature</td>
<td>John R. Bock/Tetra Tech, Inc.</td>
</tr>
<tr>
<td>Name/Company</td>
<td>John Bock/Tetra Tech, Inc.</td>
</tr>
<tr>
<td>RE Certifying Officer Signature</td>
<td>George Sherrill/North Carolina Department of Commerce Chief of Staff</td>
</tr>
<tr>
<td>Name/Agency</td>
<td>George Sherrill/North Carolina Department of Commerce Chief of Staff</td>
</tr>
<tr>
<td>Publication Date</td>
<td>August 28, 2018</td>
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</table>
Attachment 1
Conditions for Approval

The following mitigation measures are required as conditions for approval of the project, as applicable:

**General**
1. Acquire all required federal, state and local permits prior to commencement of construction and comply with all permit conditions.
2. Contractors will be required to prepare and implement health and safety plans and conduct monitoring during construction to protect the health and safety of site workers and the public.
3. If the scope of work of a proposed activity changes significantly, the application for funding must be revised and resubmitted for re-evaluation under the National Environmental Policy Act.

**Historic Preservation**
4. All activities must comply with Section 106 of the National Historic Preservation Act (NHPA) per the implementing regulations 36 CFR Part 800. Compliance with Section 106 is achieved through the procedures set forth in the Programmatic Agreement between the North Carolina Department of Commerce, North Carolina Department of Public Safety, and State Historic Preservation Officer (SHPO), as signed onto by the North Carolina Department of Commerce.
5. If archeological deposits, including any Native American pottery, stone tools, bones, or human remains, are uncovered, the project shall be halted, and the applicant shall stop all work immediately near the discovery and take reasonable measures to avoid or minimize harm to the finds. All archeological findings will be secured and access to the sensitive area restricted. The applicant will inform the State of North Carolina (the State) immediately and consult with SHPO. Work in sensitive areas cannot resume until consultation is completed and appropriate measures have been taken to ensure that the project complies with the NHPA.

**Floodplain Management and Flood Insurance**
6. All proposed reconstruction, repair, elevation and mitigation of substantially damaged structures in the 100-year floodplain will adhere to the most recent elevation requirements in accordance with local codes and Base Flood Elevation requirements where they exceed the federal standards.
7. All structures funded by the Rebuild NC: Single Family Housing Recovery Program (1-4 Units) (Rebuild NC), if in, or partially in, the 100-year floodplain shown on the latest Federal Emergency Management Act (FEMA) flood maps, will be covered by flood insurance and the flood insurance must be maintained for the economic life of the
structure [24 CFR 58.6(a)(1)]. All areas within Greene County are participating with the National Flood Insurance Program (NFIP).

8. No funding will be provided to any person who previously received federal flood disaster assistance conditioned on obtaining and maintaining flood insurance but failed to obtain and maintain the insurance [24 CFR 58.6(b)].

9. Duration of Flood Insurance Coverage. The statutory period for flood insurance coverage may extend beyond project completion. For loans, loan insurance or guaranty, flood insurance coverage must be continued for the term of the loan. For grants and other non-loan forms of assistance, coverage must be continued for the life of the property, regardless of transfer of ownership of such property. Section 582(c) of the Community Development and Regulatory Improvement Act of 1994 mandates that “The requirement of maintaining flood insurance shall apply during the life of the property, regardless of transfer of ownership of such property.” (42 USC 4012a). Such anticipated economic or useful life of the property may vary with the nature of the assisted activity. For example, construction of a new or substantially improved building requires flood insurance coverage for the life of the building, while for minor rehabilitation such as repairing, weatherizing, or roofing of a building, the grantee may require flood insurance coverage ranging from 5 to 15 years as deemed feasible. HUD will accept any period within that range that appears reasonable.

10. Dollar Amount of Flood Insurance Coverage. For loans, loan insurance or guaranty, the amount of flood insurance coverage need not exceed the outstanding principal balance of the loan. For grants and other forms of financial assistance, the amount of flood insurance coverage must be at least equal to the development or project cost (less estimated land cost) or to the maximum limit of coverage made available by the Act with respect to the particular type of building involved (SF-Single Family, OR-Other Residential, NR-Non-Residential, or SB-Small Business), whichever is less. The development or project cost is the total cost for acquiring, constructing, reconstructing, repairing or improving the building. This cost covers both the federally assisted and the non-Federally assisted portion of the cost, including any machinery, equipment, fixtures, and furnishings. If the Federal assistance includes any portion of the cost of any machinery, equipment, fixtures or furnishings, the total cost of such items must also be covered by flood insurance.

11. Proof of Purchase. The standard documentation for compliance with Section 102(a) is the Policy Declarations form issued by the NFIP or issued by any property insurance company offering coverage under the NFIP. The insured has its insurer automatically forward to the grantee in the same manner as to the insured, information copies of the Policy Declarations form for verification of compliance with the Act. Any financially assisted Special Flood Hazard Area (SFHA) building lacking a current Policy Declarations form is in Noncompliance.
12. Grantee’s Evidence of Compliance under the Certification. The grantee must maintain a complete and up-to-date listing of its on-file and current Policy Declarations for all financially assisted SFHA buildings. As a part of the listing, the grantee should identify any such assisted building for which a current Policy Declarations form is lacking and attach a copy of the written request made by the grantee to the owner to obtain a current Policy Declarations form.

Wind
13. Greene County is in the 100 mile-per-hour (mph) Basic Wind Speed for 50-year mean recurrence interval. As such, all reconstruction or new construction must meet the requirements of the North Carolina Construction Code, Building Planning and Construction for wind design.

Wetlands Protection and Water Quality
14. Implement and maintain erosion and sedimentation control measures sufficient to prevent deposition of sediment and eroded soil in on-site and off-site wetlands and waters and to prevent erosion in on-site and off-site wetlands and waters.
15. Minimize soil compaction by minimizing activities in vegetated areas, including lawns.

Noise
16. Outfit all equipment with operating mufflers.
17. Comply with applicable local noise ordinances.

Air Quality
18. Use water or chemical dust suppressant in exposed areas to control dust.
19. Cover the load compartments of trucks hauling dust-generating materials.
20. Wash heavy trucks and construction vehicles before they leave the site.
21. Employ air pollution control measures on all vehicles and equipment, as required.

Hazardous Materials
22. All activities must comply with applicable federal, state and local laws and regulations regarding environmental protection and asbestos, including but not limited to the following:
   • North Carolina Environmental Policy Act and Rules at 01 NCAC (North Carolina Administrative Code) 25
   • National Emission Standard for Asbestos, standard for demolition and renovation, 40 CFR 61.145 and 150
   • North Carolina Asbestos Hazard Management Program, NC General Statutes (GS) Section 130A-444 through 452 – Asbestos Hazard Management
23. Applicant or contractor must comply with all laws and regulations concerning the proper handling, removal and disposal of hazardous materials (e.g., asbestos, lead-based paint)
or household waste (e.g., construction and demolition debris, pesticides/herbicides, white goods).

24. All activities must comply with applicable federal, state and local laws and regulations regarding lead-based paint including, but not limited to, HUD’s lead-based paint regulations in 24 CFR Part 35.

25. All residential structures must be treated for mold attributable to Hurricane Matthew in accordance with federal, state or local guidelines.
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# ACRONYMS AND ABBREVIATIONS

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<tr>
<th>Acronym</th>
<th>Meaning</th>
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<tbody>
<tr>
<td>ASD</td>
<td>Acceptable Separation Distance</td>
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<tr>
<td>CBRA</td>
<td>Coastal Barrier Resource Act</td>
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<tr>
<td>CBRS</td>
<td>Coastal Barrier Resources System</td>
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<tr>
<td>CDBG</td>
<td>Community Development Block Grant</td>
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<tr>
<td>CDBG-DR</td>
<td>Community Development Block Grant – Disaster Recovery</td>
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<tr>
<td>CFR</td>
<td>Code of Federal Regulations</td>
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<tr>
<td>CPD</td>
<td>Community Planning and Development</td>
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<tr>
<td>CZMA</td>
<td>Coastal Zone Management Act / Area</td>
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<td>EA</td>
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<td>Executive Order</td>
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<td>ESA</td>
<td>Endangered Species Act</td>
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<td>FEMA</td>
<td>Federal Emergency Management Agency</td>
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<tr>
<td>FONSI</td>
<td>Finding of No Significant Impact</td>
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<tr>
<td>FPPA</td>
<td>Farmland Protection Policy Act</td>
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<tr>
<td>GIS</td>
<td>Geographical Information System</td>
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<tr>
<td>GS</td>
<td>General Statutes</td>
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<td>HUD</td>
<td>U.S. Department of Housing and Urban Development</td>
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<td>IPaC</td>
<td>Information for Planning and Consultation</td>
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<td>LMI</td>
<td>Low to Moderate Income</td>
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<tr>
<td>mph</td>
<td>Miles per hour</td>
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<td>National Ambient Air Quality Standards</td>
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<td>NEP</td>
<td>Nonessential experimental population</td>
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<td>National Flood Insurance Program</td>
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<td>NHPA</td>
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<td>NLEB</td>
<td>Northern Long Eared Bat</td>
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<td>NMFS</td>
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<td>National Oceanic and Atmospheric Administration</td>
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<td>NOI</td>
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<td>NPIAS</td>
<td>National Plan of Integrated Airport Systems</td>
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<td>National Priorities List</td>
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<td>Nationwide Rivers Inventory</td>
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<td>Soil Conservation Service</td>
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<td>SFHA</td>
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<td>Meaning</td>
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<td>State Historic Preservation Office</td>
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<td>T&amp;E</td>
<td>Threatened and Endangered Species</td>
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<td>URA</td>
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<td>USC</td>
<td>United States Code</td>
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<td>United States Fish and Wildlife Service</td>
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1.0 PROJECT DESCRIPTION

1.1 Background and Statement of Purpose
Hurricane Matthew began as a Category 5 storm in the Caribbean, eventually moving up the Atlantic Seaboard. By the time it hit the coast of North Carolina on October 8, 2016, it had been downgraded to a Category 1 storm. The greatest impact on Greene County (Appendix A, Greene County Map) during this storm was severe rain over several days, causing rivers and tributaries to swell and overflow into adjacent communities. During the storm, a total of 9-10 inches of rain was recorded in parts of Greene County from October 8 to 9 (Appendix A, Greene County Hurricane Matthew Rainfall Map). Many flood-prone properties in the county underwent flooding during Hurricane Matthew. Based on historical flooding information, these communities include a significant amount of repetitive loss properties. A number of roads and bridges were flooded/overtopped during Hurricane Matthew. In some areas of the County, water rose so quickly that truck drivers attempting to deliver food and supplies had to be rescued by emergency personnel. The Waste Water Treatment Plant in Hookerton was breeched by flood waters, and one of the intake pipes that runs over Contentnea Creek was damaged.

On October 10, 2016, 50 counties in North Carolina were declared a Major Disaster Area (DR-4285, Appendix A, Declared Disaster Areas map). The State of North Carolina was included in the US Department of Housing and Urban Development (HUD) Community Development Block Grant – Disaster Recovery (CDBG-DR) program pursuant to the Disaster Relief Appropriations Act of 2016 (Pub. L. 114-113, approved December 18, 2015). HUD appropriated $198,553,000 in CDBG-DR funding to the state of North Carolina. Due to the nature of the damage, 80 percent of funding is targeted toward the four most-impacted counties. An estimated $580,000 would be allocated to Greene County.

The purpose of the proposed action is to assist residents in Greene County whose single-family dwellings and small rental properties (1 to 4 units) were damaged or destroyed by Hurricane Matthew. The project is needed to help provide adequate housing and support for these residents by repairing and/or reconstructing existing homes, relocating homeowners to a new location or constructing new structures in less flood-prone areas. Rental properties damaged by Hurricane Matthew will be eligible for repair or reconstruction in this program.

1.2 Project Location
Proposed projects actions under this Tiered Environmental Review Record will be limited to Greene County including all municipalities and rural areas therein. While it is not specifically known how many persons will apply to the program, about 7 percent of the housing stock in Greene County was damaged to some extent. Federal Emergency Management Agency (FEMA)
individual assistance applications are shown in Appendix A, Greene County Individual Assistance Applications map.

1.3 Project Description
The North Carolina Division of Emergency Management (NCEM) working with its partners, the North Carolina Department of Commerce, initiated housing programs for Greene County to provide financial assistance to homeowners, renters, landlords, and developers building affordable, small, rental housing. The programs and assistance to be provided by each are:

- Homeowner Recovery Program – focused on owner-occupied single-family dwellings (structures and mobile homes) that experienced major to severe damage. Eligible activities include:
  - Single-family homeowner rehabilitation
  - Single-family homeowner reconstruction
  - Single-family homeowner repair reimbursement
  - Single-family homeowner new construction or relocation
  - Manufactured home repair
  - Manufactured home replacement or relocation
  - Home buyout
  - Homeowner’s assistance
  - Temporary rental assistance
  - Home insurance assistance
  - Relocation
  - Elevation of applicant homes

- Small Rental Repair Program – funding activities necessary to restore storm-damaged homes, including rehabilitation, reconstruction, elevation, and/or other mitigation activities within the disturbed area of the previous parcel.

Structures that are in a 100-year floodplain and were substantially damaged (greater than or equal to 50 percent) will require elevation. Any new construction (as opposed to reconstruction) of structures will not be allowed in a floodplain, unless a site-specific 24 CFR 55.20 decision is approved and permitted (if required) by the Wilmington District Corps of Engineers. All applicants with proposed actions in a floodplain will be required to obtain and maintain flood insurance, for the ownership life of the property, as part of this program.

Homeowners will also be eligible for reimbursement of repairs already done to the owned structure. In accordance with the HUD guidance for pre-award costs issued on September 15,
2015 (Source: CPD 15-07), reimbursement for repairs or replacement costs paid for by private homeowner funds will only be eligible up to 1 year from the date of the disaster. The time allowed for reimbursement of expenses is from the time of the storm (October 8, 2016) to October 8, 2017, unless the applicant applies for an exemption from HUD on a case-by-case basis. Expenses after the 1-year timeframe are not eligible for reimbursement as part of this program.

Project activities would not remove trees and would minimize the removal or other disturbance of vegetation. All activities would be largely limited to the disturbed area of the previously developed lot, but elevation and reconstruction would disturb the ground surface to install pier and beam foundations and accommodate required utilities. Rehabilitation activities would be completed in the same footprint of the damaged structure. Reconstruction would be largely limited to replacing a damaged structure at another location in the disturbed area of the previously developed lot.

The above project activities apply to the overall project. The State of North Carolina (the State), as the Responsible Entity, determined that the project will be reviewed in a tiered environmental assessment. The specific addresses of homes and other properties to be rehabilitated, reconstructed, newly constructed, or elevated are not known now because the owner identification process is ongoing. So, under 24 CFR 58.15 (Tiering) and 24 CFR 58.32 (Project Aggregation), the State will use a tiered approach in combining similar work into geographic as well as functional packages for the environmental review.

1.4 Existing and Future Needs
Approximately 579 properties in Greene County sustained damage from Hurricane Matthew. Many homeowners, small rental tenants and landlords, and other potential applicants do not have the resources to repair, reconstruct, newly construct, or elevate their properties. Without the proposed program, the damaged properties will continue to deteriorate doing further harm to the communities where they are located.

1.4.1 Estimation of Overall Housing Damage
The State of North Carolina has taken multiple steps to estimate unmet housing needs resulting from Hurricane Matthew, including field inspections of damaged homes; analyses of and updates to FEMA individual assistance claims data, Small Business Administration loan information, and insurance information; county-led planning efforts; and surveys of Public Housing Authorities and other housing providers to determine financial needs required to restore homes and neighborhoods.

Needs Assessment, prepared as part of the State of North Carolina CDBG-DR Action Plan Substantial Amendment 1, presented damage estimates and recovery needs as of October 15, 2017, approximately 1 year after the flooding. The assessment found (1) numerous unmet needs remain to be resolved before homeowners can return home in safe and sanitary conditions, and (2) unmet needs for homeowners who want to sell their homes and relocate to higher and safer ground.

The best available data suggested 579 homes in Greene County sustained damage from Hurricane Matthew and may seek funding through these programs. Greene community officials identified many areas throughout the County that had undergone substantial flooding affecting homes. Some major impacts on housing from the event were identified by local officials at:

- Areas along Contentnea Creek, particularly in the Towns of Snow Hill and Hookerton (widespread effects)
- Community along Lilly Pad Road and Loop Road
- Mobile Home Park at Four Way Road and Churchill Road
- Community north of Rainbow Creek and W. Main Street.

Because the County is generally rural in development, pinpointing particular locations where a significant number of homes within the same geographic area were damaged is difficult. Damaged homes are scattered throughout the entire County, rendering this a countywide problem rather than a small, area-specific issue.

As specified in the State of North Carolina CDBG-DR Action Plan as amended by the State of North Carolina CDBG-DR Action Plan Substantial Amendment 1, a top priority for the State for this funding is to address single-family housing recovery needs in Greene County stemming from Hurricane Matthew. An estimated $580,000 would be allocated to Greene County.

1.5 Summary of Findings and Conclusions

Based on completion of this environmental assessment, environmental review of the proposed project indicates there will be no significant changes to existing environmental conditions across the impact categories implemented by HUD in response to the National Environmental Policy Act of 1969. These subject areas require additional site-specific analysis before it can be concluded that a specific proposed project activity would have no significant environmental impacts on an individual site (these authorities are referenced under HUD’s regulations at 24 CFR 58.5):

- Historic Preservation (36 CFR Part 800)
• Wetlands Protection (24 CFR 55, Executive Order 11990)
• Endangered Species Act (50 CFR 402)
• Toxic Chemicals and Gases, Hazardous Materials, Contamination, and Radioactive Substances (24 CFR 58.5(i)(2))
• Siting of HUD-Assisted Projects Near Hazardous Operations (24 CFR 51C);
• Farmland Protection (7 CFR 658)
• Magnuson-Stevens Fishery Conservation and Management Act [16 USC 1801 et seq.]
• Noise Abatement and Control (24 CFR 51 B).

Alternatives to the Proposed Action

No Action: The “No-Action” alternative would mean that homeowners would not receive funding to provide for reimbursement, new, rehabilitated, or reconstructed housing under the Rebuild NC program. As a result, these homeowners may not be able to recover and have affordable housing. The homeowners would not be provided financial assistance to repair their properties, so their properties would remain unsafe, unsanitary, and more vulnerable to adverse weather conditions. The No-Action alternative would address neither the shortage of safe housing nor the increase in unoccupied, unsafe homes in the project area.

Relocating the Homeowner Outside the Floodplains or Wetlands: This alternative was considered and is a viable option provided to all applicants through the Homeowner Relocation Option that allows, under certain conditions, the applicant to relocate from their current property (if the applicant meets conditions of eligibility for the program) to another property to reduce their exposure to these conditions. Participation in the program is strictly voluntary. Assuming all grant eligibility criteria can be met, including the need for any gap financing, the homeowner may be approved where the original location is in the 100-year floodplain and the new location is not. It is not currently known how many applications would meet this scenario. Most applicants are expected to remain on their current parcels. The economic feasibility of mass relocations would likely not be practical given funding restrictions. So, this alternative is not the most practicable for all the applicants affected by Hurricane Matthew.

Infrastructure Action or Other Flood Protection Measures There are potential actions that have been used historically to protect housing in a floodplain, including drainage, flood protection structures, levees, and the like. These mitigation measures have proven to be effective in protecting communities from flooding; however, these actions do not address the housing needs for the homeowners and, in general, are not feasible based on the limited size of most home sites and are far less effective when implemented on individual scattered sites. While community or larger scale levees and flood protection structures are eligible for CDBG-DR funding, levees and flood control structures are prohibitively expensive on a home-by-home, or small-scale, basis. For these reasons, this alternative is not practicable.
**Proposed Action:** The Greene County Single Family Housing Recovery Program will provide financial assistance to single-family homeowners and owners of small rental properties (1 to 4 units) to address unmet needs remaining from Hurricane Matthew. This assistance will allow applicants to repair/rehabilitate, elevate, reconstruct/replace, or relocate their storm-damaged homes; have their storm damaged homes acquired for buyout or redevelopment as single-family housing; or seek reimbursement for similar activities implemented by the homeowner within 1 year of the storm. This alternative will allow the program to meet the State’s goal of achieving safe and compliant housing that meets minimum property standards through rehabilitation, elevation, reconstruction/replacement, relocation, and mitigation in damaged communities.

**Conclusion:** The No-Action alternative, the Relocating the Homeowner Outside the Floodplains or Wetlands alternative, and the Infrastructure Action or Other Flood Protection Measures alternative are either impractical, prohibitively expensive, and/or would not meet the State’s goal of achieving safe and compliant housing that meets minimum property standards through rehabilitation, elevation, reconstruction/replacement, relocation, and mitigation in damaged communities. For these reasons, the Proposed Action is the Preferred Alternative.

**1.6 Evaluation of the Effects**

Individual actions undertaken by the described Rebuild NC program will provide a safe and secure environment for a substantial number of its low, moderate, and middle-income households recovering from Hurricane Matthew. The CDBG-DR funds will provide a positive financial impact on these households, their damaged neighborhoods, and extended communities.

As proposed, the described program activities will improve or replace residential structures on scattered properties throughout damaged neighborhoods. The addresses will remain unknown until applicant eligibility is determined. The desire of the State is to prepare a Tiered Environmental Assessment per HUD regulation at 24 CFR Part 58.40 Subpart E. This tiered review will be combined with a site-specific review to be prepared for each construction site as described in Section 2.0, Tiering Plan for Environmental Review. This includes a review of the provisions outlined under Parts 58.5 and 58.6.
1.7 Finding

☐ Finding of No Significant Impact (FONSI)
(The project will not result in a significant impact on the quality of the human environment.)

☐ Finding of Significant Impact
(The project may significantly affect the quality of the human environment.)

Rebuild NC: Single Family Housing Recovery Program (1-4 Units) Funding: An estimated $580,000 would be allocated to Greene County.

Environmental Review Preparer's Information

Environmental Preparer's name, title, and organization (printed or typed):

John Bock, Senior Environmental Scientist, Tetra Tech, Inc.

Environmental Preparer's Signature:

[Signature]

Date: August 28, 2018

Responsible Entity, Representative's Information / Certification

Responsible Entity, Representative's name, title, and organization (printed or typed):

George Sherrill, Chief of Staff, North Carolina Department of Commerce

Responsible Entity, Representative's Signature:

[Signature]

Date: August 28, 2018
2.0 TIERING PLAN FOR ENVIRONMENTAL REVIEW

The Proposed Actions under this program will be evaluated under an Environmental Assessment (EA) (24 CFR 58.36). The environmental “Statutory Checklist” contains compliance components related to 24 CFR 58.5, 24 CFR 58.6 and HUD environmental standards in addition to the Environmental Assessment Checklist, intended to compliment findings in the Statutory Checklist, which would also be part of the Environmental Review Record (ERR). The State of North Carolina (the State) will be the Responsible Entity for all environmental work. The EA, as prepared for the State, is essentially a two-step, tiered process, per 24 CFR 58.15.

The following EA serves as the Tier I environmental compliance document for the proposed CDBG-DR program for Greene County. Applying the tiering rule gives the State the ability to aggregate work on individual project sites into categories of activities having similar geographic or functional environmental attributes. Documentation of site-specific environmental issues requiring individual evaluation or additional agency consultation will be compiled separately. Site-specific review is also referred to as “Tier II Review.” No reconstruction, rehabilitation, elevation, new construction, or mitigation work on properties will begin until both the broad and site-specific levels of environmental review are completed and the proposed work found compliant.

Compliance with 24 CFR 58.5
The Statutory Checklist in Section 3.0 lists each of the Federal laws and authorities in HUD’s regulations listed at 24 CFR 58.5. It addresses the specific environmental factors for which compliance has been documented regardless of specific site locations in the subject counties.

A Site-Specific Checklist, to be completed for each site, was developed to assess all environmental statutes, authorities, and regulations for which the compliance review has not been completed using the Statutory Checklist. The Site-Specific Checklist in Appendix B will document how those requirements have been met.

Compliance with 24 CFR 58.6
In addition to the duties under the laws and authorities specified in 24 CFR 58.5 for assumption by the State, under the laws cited in Section 58.1(b), the State must comply with the requirements at 24 CFR 58.6. The information needed for compliance with 24 CFR 58.6 will be included in Section 3.0 and in the Tier II site-specific reviews in Appendix B for those proposed actions that require compliance with both 24 CFR 58.5 and 58.6.

Compliance with 24 CFR 58.36
In addition to the duties under the laws and authorities specified in 24 CFR Part 58.5 and 58.6 for assumption by the State, under the laws cited in Section 58.1(b), the State must comply with the
requirements listed at 24 CFR 58.36 (Environmental Assessment) and the Environmental Assessment Checklist (24 CFR 58.40; Ref. 40 CFR 1508.8 & 1508.27). All EA requirements are addressed in Section 3.0 of the Tier I ERR and further addressed, as necessary, in the Tier II Site-Specific Review in Appendix B.

2.1 Tier I Environmental Review Record

This Tier I ERR describes the action area targeted by the State’s Rebuild NC program. It provides a basic profile of the proposed rehabilitation, reconstruction, reimbursement, new construction, elevation and other mitigation activities relative to required compliance factors, as presented in the Statutory Checklist, Other Requirements (24 CFR 58.6) and the Environmental Assessment Checklist (Section 3.0) This level of review evaluates impacts of the proposed housing activities in an aggregated way as determined by the potential for impacts relative to the protected or regulated resources and HUD Environmental Standards. Where possible, this level of review resulted in a finding for certain compliance factors that further review at the site-specific level (Appendix B) is not necessary. The State identified the potential for environmental impacts for several compliance factors that must be evaluated during the Tier II process before individual projects can be environmentally cleared to proceed. Tables and figures prepared to support the Tier I analysis of environmental compliance factors are in appendices.

As part of this Tier I ERR, the process for decision making under 24 CFR 55.20 (also known as the eight-step process) is presented as a Programmatic Compliance Process in Appendix D.

The Tier I ERR aids the State in understanding the scope of applicable mitigation measures that may be selected for projects (Section 4.0) and includes a Compliance Documentation Checklist per 24 CFR 58.6 and other requirements that were developed as presented in Section 3.0. This evaluates the Rebuild NC (Greene County) compliance relative to the Flood Disaster Protection Act, the National Flood Insurance Reform Act, the Coastal Barrier Improvement Act, and Runway Clear Zones and Accident Potential Zones. The Tier I ERR findings for this program are summarized in the Statutory and Environmental Assessment Checklists in Section 3.0 that identify impact categories, the type and degree of impacts anticipated, and whether proposed housing activities should be evaluated at the site-specific level to determine conditions and what appropriate mitigation or modification measures might be required.

Appendix E has the combined FONSI and Notice of Intent to Request Release of Funds (NOI/RROF). All public notices, the circulars to which they were published, any comments, and responses to those comments will be included in Appendices D and E. Publishing the FONSI and the NOI/RROF together on the same date should expedite the periods for public comment on these notices and for objections to be received by HUD. The actual FONSI and NOI/RROF and HUD’s Authority to Use Grant Funds, used to formally authorize the use of CDBG-DR grant funds, will be incorporated into Appendix E, once approved by HUD.
Appendix F has the Programmatic Agreement for Section 106 of the National Historic Preservation Act of 1966 between the North Carolina Historic Preservation Office, any participating tribal communities and the North Carolina Department of Commerce. This agreement will be used to address the effects of this program on historic properties and archaeological resources.

2.2 Tier II ERR or Site-Specific Environmental Review Record

Conclusive adverse impact findings cannot be made for all factors in the Tier I ERR, so the Rebuild NC program (Greene County) compliance cannot be fully achieved at the programmatic level. The Tier II site-specific ERR for the Rebuild NC program (Greene County) will be carried out for each proposed activity to address those environmental compliance factors and HUD standards that remained unresolved by the programmatic level Tier I analysis. A site-specific compliance documentation checklist has been developed for the Rebuild NC program (Greene County), and is in Appendix B. These factors require site-specific analysis to determine compliance:

- Historic Preservation (36 CFR Part 800)
- Floodplain Management and Flood Insurance (24 CFR 55, Executive Order 11988, 42 USC 4001-4128, 42 USC 5154a)
- Wetlands Protection (24 CFR 55, Executive Order 11990)
- Endangered Species Act (50 CFR 402)
- Toxic Chemicals and Gases, Hazardous Materials, Contamination, and Radioactive Substances (24 CFR 58.5(i)(2))
- Siting of HUD-Assisted Projects Near Hazardous Operations (24 CFR 51C);
- Farmland Protection (7 CFR 658)
- Magnuson-Stevens Fishery Conservation and Management Act [16 USC 1801 et seq.]
- Noise Abatement and Control (24 CFR 51 B).

Site-specific reviews will include evaluation of the application, the proposed site activity, and its location relative to the above compliance factors. Reviews will include direct field observation with photographs, measurements, and notes for the file, and possible resource agency consultations. If there are no impacts identified, or if impacts will be fully mitigated through individual site actions, the proposed project activity planned for a residential site will proceed without further notice to the public. If impacts cannot be identified and mitigated during the site-specific reviews, that site may be subject to further studies, treated as a separate project, subject to agency consultations, and the ERR process may require the publishing or posting of notices for that individual site. In some isolated cases, the proposed project activity may not be eligible for funding, based on a specific mitigation or environmental issue.
Each completed site-specific checklist and supporting documents will be submitted to the State for review and approval before individual activity site work or construction begins. A notice of environmental clearance will be issued for each project. All steps of the ERR process will be completely documented at the site-specific level before the construction activity proceeds.

The Responsible Entity (RE) for this program is the State of North Carolina. The Certifying Officer (CO) is George Sherrill, Chief of Staff, North Carolina Department of Commerce.

Written inquiries regarding this Tier I document can be submitted to:

George Sherrill  
Chief of Staff  
North Carolina Department of Commerce  
4346 Mail Service Center  
Raleigh, NC 27699-4346
### 3.0 COMPLIANCE WITH 24 CFR 50.4, 58.5, AND 58.6 LAWS AND AUTHORITIES

**Project Name:** Rebuild NC: Greene County Single Family Housing Recovery Program (1-4 Units) (Rebuild NC), administered under the HUD CDBG-DR Program for Unspecified Sites in Greene County, North Carolina.

The State is the Responsible Entity (RE) for the required environmental review as indicated in 24 CFR 58, “Environmental Review Procedures for Entities Assuming HUD Environmental Responsibilities,” and will oversee completion of environmental and historic preservation reviews of each applicant’s proposed project activity in accordance with HUD regulations and guidance.

*A “Yes” answer below means further steps are needed and a Tier II site-specific review is required. A “No” answer indicates that compliance is met at the programmatic level.*

<table>
<thead>
<tr>
<th>Compliance Factors: Statutes, Executive Orders, and Regulations listed at 24 CFR §58.5 and .6</th>
<th>Are formal compliance steps or mitigation required?</th>
<th>COMPLIANCE FINDING</th>
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</thead>
<tbody>
<tr>
<td>Historic Preservation [36 CFR 800]</td>
<td>Yes No</td>
<td>The North Carolina Department of Commerce has signed on to the Programmatic Agreement (PA) with the SHPO and North Carolina Department of Public Safety. The PA provides an exemption from further review for proposed activities on buildings or structures less than 50 years old, provided the proposed activities substantially conform to the original footprint or are done in previously disturbed soils, and the buildings or structures are not in or adjacent to a historic district. Proposed activities that do not qualify for an exemption will be subject to historic preservation review in accordance with the PA.</td>
</tr>
<tr>
<td>Regulatory Agency and Source Review</td>
<td>Programmatic Agreement Consultation for Tier II, if Required North Carolina SHPO Refer to the Tier II: Site-specific Project Review form for each individual property for compliance determination.</td>
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</tr>
<tr>
<td>Floodplain Management [24 CFR 55, Executive Order 11988]</td>
<td>Yes No</td>
<td>For those residential properties in flood zones in Greene County (Appendix C, Exhibit 1, Greene County 100-Year Floodplain Map), the County made the decision that there is no practicable alternative to providing CDBG-DR assistance to homeowners and owners of rental or support properties for the reconstruction, rehabilitation, reimbursement, and elevation of their properties in these zones. Prior to making this decision, the State completed an eight-step analysis of the long- and short-term adverse impacts associated with the continued occupancy of the floodplain and considered if there were any practicable alternatives to providing CDBG-DR assistance in the</td>
</tr>
<tr>
<td>Compliance Factors: Statutes, Executive Orders, and Regulations listed at 24 CFR §58.5 and .6</td>
<td>Are formal compliance steps or mitigation required?</td>
<td>COMPLIANCE FINDING</td>
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<td>floodplain (refer to Appendix D, Programmatic Compliance Process).</td>
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<td>As a condition of receiving CDBG-DR assistance, property owners who rebuild will have to build to the highest available Local, State, or FEMA elevation level. All proposed reconstruction and improvement or repair of substantially damaged structures [as defined in 44 CFR 59.1 and 24 CFR 55.2(b)(8), “substantial improvement”] in the floodplain must adhere to the federally required minimum of 2 feet above the advisory base flood elevation (ABFE) or local building code, if higher (Appendix C, Exhibit 1, Table 1-1). There will be no new construction or relocation in the floodplain unless a site-specific decision is made in accordance with 24 CFR 55.20 and permitted, if required, by the Wilmington District of the United States Army Corps of Engineers (USACE).</td>
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<td>Greene County establishes standards for floor elevations for buildings constructed and fill placed in the floodplain through its local codes:</td>
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<td>• Title XV Land Usage, Chapter 153, Flood Prevention, Section 153.05 outlines floodplain development application and permit requirements.</td>
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<td>• Title XV Land Usage, Chapter 153, Flood Prevention, Sections §153.45 through §153.52 outlines the range of standards and provisions for flood hazard reduction.</td>
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<td>(Source: Greene County, Code of Ordinances, <a href="http://www.amlegal.com/codes/client/greene-county_nc/">http://www.amlegal.com/codes/client/greene-county_nc/</a>)</td>
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<td></td>
<td>Regulatory Agency and Source Review</td>
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<td>See Appendix C, Exhibit 1.</td>
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<td>Consultation for Tier II, if Required</td>
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<td></td>
<td></td>
<td>Greene County Floodplain Coordinator</td>
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<td>Refer to Tier II: Site-Specific Project Review form for each individual property for compliance determination.</td>
</tr>
<tr>
<td>Wetlands Protection [24 CFR 55, Executive Order 11990]</td>
<td>Yes No</td>
<td>Because project activities involving repair, reconstruction, or elevation of single-family homes and properties would take place in the disturbed area of the previously developed parcel, these activities are not expected to result in any permanent direct or indirect impacts to wetlands. Greene County wetlands are shown in Appendix C, Exhibit 2, Greene County National Wetlands Inventory Map.</td>
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<td>In the Tier II process, available information will be evaluated and, if warranted, a site inspection will be done by a trained wetland professional to ensure that wetlands are not impacted by the proposed</td>
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<tr>
<td>Compliance Factors: Statutes, Executive Orders, and Regulations listed at 24 CFR §58.5 and .6</td>
<td>Are formal compliance steps or mitigation required?</td>
<td>COMPLIANCE FINDING</td>
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<td>action. Any activity that would adversely affect freshwater wetlands would not be eligible for funding unless a permit was acquired on behalf of the homeowner.</td>
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<td>If any impacts to wetlands are expected, a site-specific eight-step analysis of the long- and short-term adverse impacts must be performed to determine if there are any practicable alternatives to providing CDBG-DR assistance in the wetland. During construction, best management practices for erosion and sediment control will be implemented (see Conditions for Approval). Repair, reconstruction, or elevation of structures located over waters of the United States require a USACE permit under the Rivers and Harbors Appropriation Act of 1899, regardless of whether the project results in discharge of fill to the water. Any project not consistent with the Rivers and Harbors Appropriation Act of 1899 would not be funded.</td>
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<td>Regulatory Agency and Source Review</td>
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<td>See Appendix C, Exhibit 2.</td>
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<td>Consultation for Tier II, if Required</td>
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<td>US Army Corps of Engineers, Wilmington District</td>
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<td>Refer to Tier II: Site-Specific Project Review form for each individual property for compliance determination.</td>
</tr>
<tr>
<td>Coastal Zone Management [Coastal Zone Management Act sections 307(c) &amp; (d)]</td>
<td>Yes No</td>
<td>The North Carolina Coastal Resources Commission designated 20 counties in North Carolina as covered by the Coastal Area Management Act (Appendix C, Exhibit 3, Table 3-1). However, Greene County is not one of these 20 counties.</td>
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<td>Regulatory Agency and Source Review</td>
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<td>See Appendix C, Exhibit 3.</td>
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<td>Review regarding Coastal Zone Management Act is complete.</td>
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<tr>
<td>Sole Source Aquifers [40 CFR 149]</td>
<td>Yes No</td>
<td>According to the US Environmental Protection Agency’s Source Water Protection, Sole Source Aquifer Protection Program, there are no Sole Source Aquifers in Greene County (Appendix C, Exhibit 4, Sole Source Aquifers map).</td>
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<td>Regulatory Agency and Source Review</td>
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<td>See Appendix C, Exhibit 4.</td>
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<td>Review regarding Sole Source Aquifers is complete.</td>
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<tr>
<td>Endangered Species [50 CFR 402]</td>
<td>Yes No</td>
<td>The Endangered Species Act (ESA), as amended, and its implementing regulations provide federal agencies with a mandate to conserve threatened and endangered (T&amp;E) species and ensure that any action they authorize, fund, or implement is not likely to jeopardize the continued existence of a T&amp;E species in the wild or destroy or adversely modify its critical habitat. The environmental review must consider potential impacts of the HUD-assisted project activities on T&amp;E species and on animals’</td>
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**Compliance Factors:**
Statutes, Executive Orders, and Regulations listed at 24 CFR §58.5 and .6

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<th>Are formal compliance steps or mitigation required?</th>
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| Critical habitats. The review must evaluate potential impacts not only to any listed, but also to any proposed or candidate, endangered or threatened species and critical habitats. Project activities that affect T&E species or critical habitats require consultation with the Department of the Interior, US Fish and Wildlife Service (USFWS) or the National Oceanic and Atmospheric Administration (NOAA) Fisheries Service/National Marine Fisheries Service (NMFS), in compliance with the procedure of Section 7 of the ESA and with the North Carolina Wildlife Resources Commission.  
The bald eagle (*Haliaeetus leuccephalus*), though no longer listed under the ESA, continues to be protected by the Bald and Golden Eagle Protection Act and the Migratory Bird Treaty Act (16 USC 703 et seq.).  
The North Carolina Wildlife Resources Commission (NCWRC) lists state-protected species pursuant to GS 113-331 to 113-337, North Carolina Endangered and Threatened Wildlife and Wildlife Species of Special Concern.  
The North Carolina Department of Cultural and Natural Resources, Natural Heritage Program (NCNHP), as part of its mission to preserve the biological diversity of North Carolina, maintains an inventory of all known occurrences/locations of rare taxa and is the state's data source of locality information of rare and federal- and state-listed animal and plant species, including species proposed for or are candidates for federal listing.  
A USFWS Official Species List for Greene County was generated through the Information for Planning and Consultation (IPaC) website on July 11, 2018. The NCNHP Data Explorer (http://ncnhp.org/data/species-community-search) was accessed on July 11, 2018, as another step in identifying federal- and state-listed T&E species previously found in Greene County for consultations with the USFWS Raleigh Field Office (USFWS-RFO) and the NMFS for federally listed T&E species and with the NCWRC for state-listed T&E species. The species identified by the USFWS-RFO and the NCWRC for site-specific review are discussed below along with the review approach to be used for each species.  
There are no National Wildlife Refuges/National Fish Hatcheries or critical habitats in Greene County; therefore, review is complete with respect to NOAA topics.  
The NCPCP does not have regulatory authority to advise on, or issue, effect determinations, or conduct consultations as described under Section 7 of the ESA. The following regulations guide the NCPCP:  
- GS 106-202.19 Unlawful Acts. …the incidental disturbance of protected plants during agricultural, forestry or development operation is not illegal so long as the plants are not collected for sale or commercial use.  
- North Carolina Administrative Code 48F Section .0400 states that...
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<th>Compliance Factors: Statutes, Executive Orders, and Regulations listed at 24 CFR §58.5 and .6</th>
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<td>you only need to apply for a protected plant permit to authorize collection, movement and possession of any protected plant or their propagules for scientific research, conservation purposes, or for propagation and sale.</td>
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<td>Because CDBG-DR funds are not being used for purchase or sale, propagation, or research of plants, the regulations governing the NCPCP are not applicable to the proposed actions under the CDBG-DR Program.</td>
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<td>Listed T&amp;E Species</td>
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<td>One federally listed T&amp;E species is potentially of concern for Greene County:</td>
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<td>• Red-cockaded woodpecker (<em>Picoides borealis</em>).</td>
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<td>There are no critical habitats. Because of the habitat preferences and the nature of activities proposed for the single-family housing properties, no T&amp;E species are expected to be affected.</td>
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<td>Regulatory Agency and Source Review</td>
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<td>See Appendix C, Exhibit 5.</td>
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<td>Consultation for Tier II, if Required</td>
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<td>US Fish and Wildlife Service, Raleigh Field Office</td>
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<td>North Carolina Wildlife Resources Commission</td>
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<td>North Carolina Natural Heritage Program</td>
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<td>Refer to Tier II: Site-Specific Project Review form for each individual property for compliance determination.</td>
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<tr>
<td>Wild and Scenic Rivers [36 CFR 297]</td>
<td>Yes</td>
<td>No</td>
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<tr>
<td>North Carolina Natural and Scenic Rivers Act of 1971</td>
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<td>National Rivers Inventory, Presidential Directive 1979</td>
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<td>Greene County does not have any federally designated National Wild and Scenic Rivers, or State Natural and Scenic Rivers as designated under the North Carolina Natural and Scenic Rivers Act of 1971 (<a href="#">Appendix C, Exhibit 6, Wild and Scenic Rivers map</a>). The Nationwide Rivers Inventory (NRI) is a listing of more than 3,400 free-flowing rivers or river segments in the US believed to possess one or more “outstanding remarkable” natural or cultural value. Under a 1979 Presidential Directive, all federal agencies must seek to avoid or mitigate actions that would adversely affect one or more of the NRI segments. Greene County does not have any rivers listed on the NRI (<a href="#">Appendix C, Exhibit 6, Wild and Scenic Rivers map</a>).</td>
</tr>
<tr>
<td>Compliance Factors: Statutes, Executive Orders, and Regulations listed at 24 CFR §58.5 and .6</td>
<td>Are formal compliance steps or mitigation required?</td>
<td>COMPLIANCE FINDING</td>
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<td>The proposed program activities will not involve water resource projects or any work on or directly affecting any Federal Wild and Scenic River, State Natural or Scenic River, or river segment on the NRI.</td>
</tr>
<tr>
<td>The proposed program activities will not involve water resource projects or any work on or directly affecting any Federal Wild and Scenic River, State Natural or Scenic River, or river segment on the NRI.</td>
<td>Yes</td>
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<td>Consultation for Tier II, if Required</td>
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<td></td>
<td></td>
<td>North Carolina Department of Parks and Recreation</td>
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<td><em>Review regarding Wild and Scenic Rivers is complete.</em></td>
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<tr>
<th>Air Quality [40 CFR parts 6, 51, 61, 93]</th>
<th>Yes</th>
<th>No</th>
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<td>The proposed program for Greene County is in compliance. Emissions associated with the proposed actions are limited to use of residential and small construction equipment and are estimated to be well below the threshold when compared to the federal General Conformity Rule de minimis thresholds. Greene County is not among the counties or areas in North Carolina that fail to meet the National Ambient Air Quality Standards (NAAQS) in one or more of the following areas: ozone (1-hour and 8-hour standards), carbon monoxide, lead, nitrogen dioxide, sulfur dioxide, and particulate matter (2.5 micron and 10-micron standards). <em>(Source: <a href="https://deq.nc.gov/about/divisions/air-quality/air-quality-planning/attainment">https://deq.nc.gov/about/divisions/air-quality/air-quality-planning/attainment</a>) (Appendix C, Exhibit 7, Nonattainment Areas map)</em></td>
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<td>Emission Methodology</td>
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<td>As Greene County is not listed as a Non-attainment area, a determination of emissions as they compare to NAAQS is not required.</td>
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<td>Greene County is listed as Zone 3 – Low Potential for Radon <em>(Appendix C, Exhibit 7, EPA Radon Zones map)</em></td>
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<td></td>
<td>Regulatory Agency and Source Review</td>
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<td>See Appendix C, Exhibit 7.</td>
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<td><em>Review regarding Air Quality is complete.</em></td>
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<tr>
<th>Farmland Protection [7 CFR 658]</th>
<th>Yes</th>
<th>No</th>
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<td>The Farmland Protection Policy Act (FPPA) of 1981 (7 USC 4201 et seq.) regulates Federal actions with the potential to convert farmland to non-agricultural uses. The purpose of the Act, as regulated in 7 CFR 658, is “to minimize the extent to which Federal programs contribute to the unnecessary and irreversible conversion of farmland to nonagricultural uses.”</td>
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<td>“Farmland”, in accordance with 7 CFR 658.2(a), is defined as “prime or unique farmlands as defined in section 1540(c)(1) of the Act or farmland that is determined by the appropriate … government agency … to be farmland of statewide or local importance.” The definition further explains that farmland does not include land already in or committed to urban development or water storage, and that farmland already in urban development includes all land with a density of 30</td>
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<tr>
<td>Compliance Factors: Statutes, Executive Orders, and Regulations listed at 24 CFR §58.5 and .6</td>
<td>Are formal compliance steps or mitigation required?</td>
<td>COMPLIANCE FINDING</td>
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</table>
| 40 structures per 40-acre area. | The United States Department of Agriculture Natural Resources Conservation Service (NRCS) makes determinations of prime and unique farmlands in North Carolina, and consultation with the NRCS is required if farmland that is protected under the FPPA is to be converted to nonagricultural uses. 
The NRCS uses Form AD-1006 (“Farmland Conversion Impact Rating”) to make determinations regarding the relative value of land that is deemed farmland. Form AD-1006 involves scoring of the relative value of the site for preservation and would be completed by both Greene County and the NRCS. Total scores below 160 require no further analysis. Scores between 160 and 200 may have potential impacts and require further consideration of alternatives that would avoid this loss. | 
| Regulatory Agency and Source Review | See Appendix C, Exhibit 8. | 
| Consultation for Tier II, if Required | US Department of Agriculture, Natural Resources Conservation Service 
North Carolina Department of Agriculture | 
| Refer to Tier II: Site-Specific Project Review form for each individual property for compliance determination. | 
| Environmental Justice [Executive Order 12898] | Yes | No |
| | ☐ | ☒ | The proposed activities would encourage people in the areas most affected by Hurricane Matthew to continue living where they live now. In general, those areas have proven vulnerable to flooding. Other pre-existing environmental conditions would continue under the proposed program. However, the primary effects of the proposed program would be to improve the condition of the housing, making it more durable, energy-efficient, and safe from mold, asbestos, lead-based paint, and other health and safety impacts. The program would also enhance health and safety by making many homes less vulnerable to flooding by elevating them above base flood elevations. 
Low- to moderate-income (LMI) households would receive significant benefits from this program. Because there are no environmental issues for this Program that would disproportionately affect LMI and/or minority populations, the proposed project would comply with Executive Order 12898. | 
| Regulatory Agency and Source Review | See Appendix C, Exhibit 9. | 
| Review regarding Environmental Justice is complete. | 
| HUD Environmental Standards 24 CFR Part 51 | Summary of consultations, supporting documentation, determinations and mitigation measures |
### Compliance Factors

Statutes, Executive Orders, and Regulations listed at 24 CFR §58.5 and .6

<table>
<thead>
<tr>
<th>Compliance Factors: Noise Abatement and Control [24 CFR 51B]</th>
<th>Are formal compliance steps or mitigation required?</th>
<th>COMPLIANCE FINDING</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Yes       No</td>
<td>The reconstruction or rehabilitation of 1- to 4-unit residential properties would cause temporary increases in noise levels. Long-term noise levels would be the same as pre-Hurricane Matthew levels. Temporary increases in noise levels will be mitigated by complying with local noise ordinances. The State considered noise criteria and standards according to the provision at 24 CFR 51.101(a)(2) that states that, “responsible entities under 24 CFR part 58 must take into consideration the noise criteria and standards in the environmental review process and consider ameliorative actions when noise sensitive land development is proposed in noise exposed areas.” The provision at 24 CFR 51.101(a)(3) addresses new construction (not to be confused with rehabilitation or reconstruction) and states that, “HUD assistance for the construction of new noise sensitive uses is prohibited generally for projects with unacceptable noise exposures and is discouraged for projects with normally unacceptable noise exposure.” This provision addresses reconstruction, rehabilitation, elevation and mitigation that meets the exclusion for this regulation. The regulation at 24 CFR 51.101(a)(3) states that HUD noise policy does not apply to “assistance that has the effect of restoring facilities substantially as they existed prior to the disaster.” The proposed housing activities of reconstruction, rehabilitation, reimbursement, elevation and mitigation without substantially increasing the existing footprint would restore housing substantially as it existed prior to Hurricane Matthew. So, these activities would be exempt from this section. (Refer to e-mail correspondence from Danielle Schopp in Appendix C, Exhibit 10, Attachment 10-1). The definition of “HUD-assisted project” at 24 CFR 51.201 is predicated on whether the project increases the number of people</td>
</tr>
<tr>
<td></td>
<td>Yes       No</td>
<td></td>
</tr>
</tbody>
</table>

### Regulatory Agency and Source Review

See Appendix C, Exhibit 10.
Consultation for Tier II, if Required
HUD, Region IV

Refer to Tier II: Site-Specific Project Review form for each individual property for compliance determination.
### Compliance Factors: Statutes, Executive Orders, and Regulations listed at 24 CFR §58.5 and .6

<table>
<thead>
<tr>
<th>Are formal compliance steps or mitigation required?</th>
<th>COMPLIANCE FINDING</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="true" alt="Checkmark" /> <img src="false" alt="Circle" /></td>
<td>exposed to hazardous operations. Therefore, the environmental review for activities to reconstruct, rehabilitate, elevate, or reimburse for housing that existed prior to the disaster is not required to apply the acceptable separation distance (ASD) standards in 24 CFR 51C where the number of dwelling units is not increased and the activities are limited to the general area of the pre-existing footprint (refer to e-mail correspondence from Danielle Schopp in Appendix C, Exhibit 11, Attachment 11-1). An ASD analysis is required if the number of dwelling units increases or the building footprint changes substantially, potentially bringing the structure (and number of residents) closer to an aboveground tank containing a flammable or explosive substance. Therefore, new construction will require a site-specific review.</td>
</tr>
</tbody>
</table>

### Hazardous Operations [24 CFR 51C]

- Yes  ![Circle](false)  ![Checkmark](true)

The restrictions on construction and major rehabilitation of structures in runway protection zones (formerly called runway clear zones) apply to civil airports (24 CFR 51.303). Civil airports are defined as commercial service airports designated in the Federal Aviation Administration’s National Plan of Integrated Airport Systems (NPIAS) (24 CFR 51.301(c)). No civil airport runway protection zones are in Greene County.

HUD regulations include restrictions on construction and major rehabilitation in clear zones and accident potential zones associated with runways at military airfields (24 CFR 51.303). No military clear zones or accident potential zones are in Greene County.

### Airport Hazards (Runway Protection Zones and Clear Zones/Accident Potential Zones) [24 CFR 51D]

- Yes  ![Checkmark](true)  ![Circle](false)

### Toxic Chemicals and Gases, Hazardous Materials, Contamination, and Radioactive Substances [24 CFR 58.5(i)(2)]

- Yes  ![Checkmark](true)  ![Circle](false)

**Hazardous Materials**

HUD policy requires that the proposed site and adjacent areas be free of hazardous materials, contamination, toxic chemicals and gases, and radioactive substances, where a hazard could affect the health and safety of occupants of the property or conflict with the intended use of the property. The properties subject to proposed reconstruction, rehabilitation, elevation, or reimbursement may be near enough to sites of concern to experience related health and safety effects.

To identify sites near the proposed project location with hazardous materials, contamination, toxic chemicals, gases and radioactive substances as specified in 24 CFR 58.5(i), a review of web-based data
# Compliance Factors

<table>
<thead>
<tr>
<th>Compliance Factors: Statutes, Executive Orders, and Regulations listed at 24 CFR §58.5 and .6</th>
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</table>

- Information will be done for each site, including EPA's Geographic Information System (GIS) database. The review includes an examination of EPA's Superfund List, National Priorities List (NPL), Toxics Release Inventory, Brownfields, Air Facility Systems, and Hazardous Waste (RCRA) databases, including NEPAssist. We will review information from the North Carolina Department of Environmental Quality (NCDEQ). Based upon these reviews, the State will determine whether the homeowner's property lies within 3,000 feet of a facility that handles or otherwise disposes of a hazardous material or toxic substance.

## Radon

This sub-topic is addressed under Air Quality; as indicated there, Greene County is in a Zone 3 – Low Potential for Radon.

## Asbestos, Lead-Based Paint, and Mold

It is HUD policy that all occupied structures proposed for inclusion in HUD-funded programs be free of hazardous materials that could affect the health of the occupants. Structures to be reconstructed or rehabilitated in the Rebuild NC program (Greene County) may include lead-based paint and materials containing asbestos. These are hazardous materials that could affect the health of residents. All activities must comply with applicable federal, state, and local laws and regulations regarding asbestos, including but not limited to:

- National Emission Standard for Asbestos, standard for demolition and renovation, 40 CFR 61.145; and

All activities must comply with applicable federal, state, and local laws and regulations regarding lead-based paint, including but not limited to, HUD’s lead-based paint regulations in 24 CFR Part 35 Subparts B, H, and J. These regulations apply to housing constructed prior to January 1, 1978.

Mold can also have an adverse effect on human health and is a very common problem in houses that have been flooded. Mold should not be a problem in houses that are demolished and reconstructed but could remain in rehabilitated housing if steps are not taken to eliminate mold during the rehabilitation. All residential structures funded under the Rebuild NC program (Greene County) must be remediated for mold attributable to Hurricane Matthew in accordance with State requirements.

## Regulatory Agency and Source Review

- None
- Consultation for Tier II, if Required
- US Environmental Protection Agency, Region IV
<table>
<thead>
<tr>
<th>Compliance Factors: Statutes, Executive Orders, and Regulations listed at 24 CFR §58.5 and .6</th>
<th>Are formal compliance steps or mitigation required?</th>
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</tr>
</thead>
<tbody>
<tr>
<td>North Carolina Department of Environmental Quality</td>
<td>Refer to Tier II: Site-Specific Project Review form for each individual property for compliance determination.</td>
<td></td>
</tr>
</tbody>
</table>

**ADDITIONAL STATUTORY AUTHORITIES NOT LISTED IN 24 CFR 58.5**

<table>
<thead>
<tr>
<th>Statute</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fish and Wildlife Coordination Act [16 USC 661-666c]</td>
<td>[ ] Yes</td>
<td>[x] No</td>
</tr>
<tr>
<td>The Fish and Wildlife Coordination Act applies to impounding, diverting, deepening, or otherwise controlling or modifying a stream or other body of water. The proposed activities in this program would be limited to work on residential structures. No activities are allowed for modifying any stream or body of water. Therefore, the Fish and Wildlife Coordination Act does not apply to the proposed program.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Review regarding Fish and Wildlife Coordination Act is complete.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Statute</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Magnuson-Stevens Fishery Conservation and Management Act [16 USC 1801 et seq.]</td>
<td>[x] Yes</td>
<td>[ ] No</td>
</tr>
<tr>
<td>The Magnuson-Stevens Fishery Conservation and Management Act applies to ocean fish, including ocean fish that spawn in fresh water or in estuaries (anadromous fish). The Act requires protection of “essential fish habitat,” defined as habitat that fish need for spawning, breeding, feeding, or growth to maturity. North Carolina is on the Atlantic Ocean and contains numerous streams and estuaries used for spawning by striped bass, American shad, Hickory shad, alewife, short-nosed sturgeon, and Atlantic sturgeon.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Greene County has Anadromous Fish Spawning Areas, including the Neuse River, Contentnea Creek, and Bear Creek (Appendix C, Exhibit 13, Anadromous Fish Spawning Areas map) (<a href="http://portal.ncdenr.org/web/mf/afsa-maps">http://portal.ncdenr.org/web/mf/afsa-maps</a>). Therefore, the Magnuson-Stevens Fishery Conservation and Management Act applies to the proposed program in Greene County.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Regulatory Agency and Source Review</td>
<td></td>
<td></td>
</tr>
<tr>
<td>See Appendix C, Exhibit 13.</td>
<td></td>
<td></td>
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<tr>
<td>Refer to Tier II: Site-Specific Project Review form for each individual property for compliance determination.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**STATUTES, EXECUTIVE ORDERS, AND REGULATIONS LISTED AT 24 CFR 58.6**

<table>
<thead>
<tr>
<th>Statute</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airport Hazards 24 CFR Part 51 Subpart D</td>
<td>[x] Yes</td>
<td>[ ] No</td>
</tr>
<tr>
<td>There are no civil airports with runway protection zones or military airfields with clear zones or accident potential zones in Greene County, as addressed in the Airport Hazards section above.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Review regarding Airport Hazards is complete.</td>
<td></td>
<td></td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Statute</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coastal Barrier Resources Coastal Barrier Resources Act, as amended by the Coastal Barrier Improvement Act of 1990 [16 USC 3501]</td>
<td>[x] Yes</td>
<td>[ ] No</td>
</tr>
<tr>
<td>The John H. Chafee Coastal Barrier Resources System (CBRS) was established in 1982 and is administered by the U.S. Fish and Wildlife Service. In accordance with 24 CFR 58.6(c), HUD assistance may not be used for most activities proposed in the CBRS or otherwise protected areas. There are nine designated units of the CBRS in North Carolina and seven “Otherwise Protected Areas.” No designated units of the Coastal Barrier Resource System are in Greene County.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

22
<table>
<thead>
<tr>
<th>Compliance Factors: Statutes, Executive Orders, and Regulations listed at 24 CFR §58.5 and .6</th>
<th>Are formal compliance steps or mitigation required?</th>
<th>COMPLIANCE FINDING</th>
</tr>
</thead>
</table>
| | | Regulatory Agency and Source Review  
See Appendix C, Exhibit 14.  
Review regarding Coastal Barrier Resources is complete. |
| Flood Insurance  
Flood Disaster Protection Act of 1973 and National Flood Insurance Reform Act of 1994 [42 USC 4001-4128 and 42 USC 5154a] and 24 CFR 55 | Yes ☒ No ☐ | Greene County has several areas that are in a Special Flood Hazard Area (SFHA, 100-year floodplain). Because of that, site-specific determinations must be made to determine the need for flood insurance as part of this citation. There are several items to be checked for this topic:  
• Is the project located in a Special Flood Hazard Area?  
• Is the community participating in the National Flood Insurance Program or has less than 1 year passed since FEMA notification of Special Flood Hazards?  
• Did the applicant previously receive federal assistance that was conditioned on obtaining and maintaining flood insurance?  
• Did the applicant obtain and maintain flood insurance?  
Refer to Tier II: Site-Specific Project Review form for each individual property for compliance determination. |
Environmental Assessment Checklist (ref.: Environmental Review Guide HUD CPD 782, 24 CFR 58.40, 40 CFR 1508.8 & 1508.27)

(Evaluate the significance of the effects of the proposal on the character, features, and resources of the project area. Enter relevant base data and verifiable source documentation to support the finding. Then enter the appropriate impact code from the following list to make a finding of impact. Impact Codes: (1) Minor beneficial impact; (2) No impact anticipated; (3) Minor impact anticipated – may require mitigation; (4) Significant or potentially significant impact anticipated. Note names, dates of contact, telephone numbers, and page references. Attach additional materials as needed.)

<table>
<thead>
<tr>
<th>Land Development</th>
<th>Code</th>
<th>Summary of consultations, supporting documentation, determinations, and mitigation measures</th>
</tr>
</thead>
<tbody>
<tr>
<td>Conformance with Comprehensive Plans and Zoning</td>
<td>3</td>
<td>The proposed action would demolish, repair, replace or construct homes consistent with current local plans and zoning ordinances. If it is determined that permits are needed, the contractor will obtain them from the appropriate department prior to construction activities (see Conditions for Approval).</td>
</tr>
<tr>
<td>Land Use Compatibility and Urban Impact</td>
<td>2</td>
<td>The proposed action sites would maintain current land use, so they would be compatible with surrounding and existing land uses. Most of the proposed actions will consist of replacement or reconstruction of an existing home. Though there is an option for new construction, the number of applicants who will choose this proposed action is not anticipated to increase urban sprawl.</td>
</tr>
<tr>
<td>Slope and Erosion</td>
<td>2</td>
<td>Most of the proposed actions under the Rebuild NC program (Greene County) will be repair or reconstruction of homes on previously disturbed parcels where erosion controls are expected to have been put in place during the initial establishment of the home site. For these actions, the placement of fill or creation of bare soil will be minimized and so will not cause significant erosion. On sites adjacent to wetlands, best management practices will be implemented to protect wetlands from sedimentation from erosion. For proposed activities including new construction or elevation, the parcel will be evaluated prior to those activities, and best management practices will be implemented to reduce possible erosion impacts where slope conditions may exist.</td>
</tr>
<tr>
<td>Soil Suitability</td>
<td>2</td>
<td>Unsuitable soils are not expected to affect the proposed projects. Any soil issues that may have posed issues on previously disturbed parcels should have been addressed during initial construction activities. In the instance where the proposed action includes new construction, soil suitability will be assessed prior to construction and will be addressed during local permitting processes.</td>
</tr>
<tr>
<td>Hazards and Nuisances and Site Safety</td>
<td>3</td>
<td>The rehabilitation of the impacted residences would be typical of home remodeling activities. Contractors will be required to provide health and safety plans and monitoring during construction (see Conditions for Approval).</td>
</tr>
<tr>
<td>Energy Consumption</td>
<td>1</td>
<td>Though some energy will be consumed over the short-term implementing the program, changes in existing long-term energy consumption due to the project activities will be minimal as the program is not anticipated to significantly expand the housing stock. Rehabilitated and reconstructed homes would be more energy-efficient because of the program, due to incorporation of updated energy efficient building materials and practices. All proposed actions will be in accordance with HUD standards and local codes.</td>
</tr>
<tr>
<td>Noise – Contribution to community noise levels</td>
<td>3</td>
<td>The proposed activities would cause temporary increases in noise levels at nearby residences. Noise impacts would be mitigated to the extent feasible. The proposed project actions themselves will not impact long-term ambient noise levels. See Conditions for Approval.</td>
</tr>
<tr>
<td>Air Quality – Effects of ambient air quality</td>
<td>3</td>
<td>There would be temporary, unavoidable increases in community air pollution levels during the proposed activities. Air quality impacts would be mitigated</td>
</tr>
<tr>
<td>Land Development</td>
<td>Code</td>
<td>Summary of consultations, supporting documentation, determinations, and mitigation measures</td>
</tr>
<tr>
<td>------------------------------------------------------</td>
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<td>-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>on project and contribution to community pollution</td>
<td></td>
<td>levels</td>
</tr>
<tr>
<td>Environmental Design – Visual quality – coherence,</td>
<td>1</td>
<td>The proposed project would involve reconstruction, rehabilitation, and elevation and mitigation of existing damaged or recently demolished homes. The proposed work would improve visual quality relative to current conditions and would have little effect relative to conditions before the storm. The proposed project would not have significant impacts on visual coherence, diversity, or compatibility of use or scale.</td>
</tr>
<tr>
<td>diversity, compatible use &amp; scale</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Socioeconomic Factors</td>
<td>Code</td>
<td>Summary of consultations, supporting documentation, determinations, and mitigation measures</td>
</tr>
<tr>
<td>Demographic Character Changes</td>
<td>2</td>
<td>The proposed project will not significantly alter the demographic characteristics of the communities involved. Most of the proposed activities will allow for displaced community members to return to their previous residences and communities. The number of actions that include new construction would not significantly alter the demographics of chosen communities and would allow for a better quality of life for the families involved. Residential, commercial or industrial uses will not be altered because of the project as proposed activities will be carried out on parcels that have already been designated for residential use. There is no potential to destroy or harm community institutions. Proposed actions that include demolition will involve homes that have previously been inhabited or managed by program applicants.</td>
</tr>
<tr>
<td>Displacement</td>
<td>1</td>
<td>The proposed project involves the rehabilitation or reconstruction of damaged homes. Homeowners currently living in homes may be displaced for a period during construction activities but would be able to move back into their homes immediately following construction. Persons participating in the program that have been displaced due to hurricane damage will be able to return home after construction is complete, leading to a decrease in displaced citizens due to the proposed project.</td>
</tr>
<tr>
<td>Employment and Income Patterns</td>
<td>1</td>
<td>The proposed project will aid in restoring homeowners to their previous communities, employment and income patterns, thus leading to favorable developments to commercial, industrial and institutional operations in the project area. The proposed program would help to alleviate some of the financial burden from homeowners for the repair or reconstruction of their home.</td>
</tr>
<tr>
<td>Community Facilities and Services</td>
<td>Code</td>
<td>Summary of consultations, supporting documentation, determinations, and mitigation measures</td>
</tr>
<tr>
<td>Educational Facilities</td>
<td>2</td>
<td>The proposed action would allow previous residents to return to their homes. Local educational facilities were able to accommodate student levels prior to Hurricane Matthew, and therefore should be able to accommodate returning students. The number of applicants moving to new areas through new construction is not expected to be substantial and would not cause a need for additional facilities.</td>
</tr>
<tr>
<td>Commercial</td>
<td>2</td>
<td>The proposed action would allow previous residents to return to their homes,</td>
</tr>
<tr>
<td>Land Development</td>
<td>Code</td>
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</tr>
<tr>
<td>------------------</td>
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<td>------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td><strong>Facilities</strong></td>
<td>2</td>
<td>which, in turn, would increase demand for local commercial services. Though local retail services will be available, the increase in demand may lead to shorter supplies for some businesses while the commercial sector adjusts to the returned homeowners. The number of applicants moving to new areas through the new construction program is not expected to be substantial and therefore would not cause a need for additional commercial facilities.</td>
</tr>
<tr>
<td><strong>Health Care</strong></td>
<td>2</td>
<td>The return of residents to their homes would increase the demand for health care services in the affected neighborhoods, and there may be a period of adjustment during which the demand for some health care services in some neighborhoods would exceed the supply. The proposed project would have little effect on regional health care facilities, which should be able to return to providing services at the same level as before Hurricane Matthew. The number of applicants moving to new areas through the new construction program is not expected to be substantial and would therefore not cause a need for additional health care facilities.</td>
</tr>
<tr>
<td><strong>Social Services</strong></td>
<td>2</td>
<td>Social services in Greene County are provided by city-level, county-level, or state-level organizations. The proposed project would facilitate a return to pre-Matthew population levels in certain neighborhoods in the County, but this would not cause a significant increase in the demand for social services at the city or state level.</td>
</tr>
<tr>
<td><strong>Solid Waste</strong></td>
<td>2</td>
<td>The proposed action would result in generation of substantial quantities of remodeling, demolition and construction wastes. All solid waste must be properly segregated and disposed of in accordance with applicable regulations (see Conditions for Approval). These activities may cause increases in short-term generation of municipal solid wastes, however the project is not expected to overload design capacities of local facilities.</td>
</tr>
<tr>
<td><strong>Waste Water</strong></td>
<td>2</td>
<td>The returning homeowners will cause increases in the number of households generating wastewater in the target area; however, the number of homes contributing to wastewater will be approximately the same as those that existed before Hurricane Matthew. The existing or planned waste water systems are believed to be adequate and available to service the proposed project.</td>
</tr>
<tr>
<td><strong>Storm Water</strong></td>
<td>2</td>
<td>Existing storm water disposal and treatment systems are anticipated to adequately service the proposed projects. Best management practices will be implemented during construction activities to prevent erosion and sedimentation at sites, especially those near wetlands. Best management practices would be implemented to prevent erosion and sedimentation at sites near wetlands (see Conditions for Approval). Proximity of wetlands would be determined on a site-by-site basis.</td>
</tr>
<tr>
<td><strong>Water Supply</strong></td>
<td>2</td>
<td>The returning homeowners will cause increases in the demand for water in the target area; however, the number of homes contributing to water supply demand will be approximately the same as those that existed before Hurricane Matthew. The existing or planned municipal water utility or supplies are therefore believed to be adequate and available to service the proposed project.</td>
</tr>
<tr>
<td><strong>Public Safety</strong></td>
<td>2</td>
<td>Most of the homes included in the program are currently occupied, and the residents are receiving local police services as needed. Though the returning homeowners will also receive the services described above, the increase in community members is not expected to strain effectiveness of these local</td>
</tr>
<tr>
<td>Land Development</td>
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</tr>
<tr>
<td>----------------------------------</td>
<td>------</td>
<td>------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Public Safety - Fire</td>
<td>1</td>
<td>The proposed project activities would replace, repair, elevate, mitigate, or provide for new construction of damaged homes. Unrepaired structures pose a potential fire risk, and the program would assist in removing the potential hazards.</td>
</tr>
<tr>
<td>Public Safety - Emergency Medical</td>
<td>2</td>
<td>Most of the proposed actions will be rehabilitation or reconstruction of currently occupied homes where the residents are currently able to obtain emergency medical services. Though the return of residents to currently unoccupied homes will cause some increases in the population eligible to receive medical services in certain areas, this impact is not anticipated to overload the current emergency medical services available.</td>
</tr>
<tr>
<td>Open Space, Recreation, and Cultural Facilities</td>
<td>2</td>
<td>The proposed project activities take place on previously developed properties. These activities would have no impact on open space or recreational facilities. The project activities would also have no impact on cultural facilities.</td>
</tr>
<tr>
<td>Transportation</td>
<td>2</td>
<td>The proposed project would help people return to their homes and would therefore cause a slight increase in traffic levels and demand for public transportation services relative to current conditions, but would not increase levels or demand relative to conditions prior to Hurricane Matthew. Proposed projects that include the option of new construction are anticipated to be minimal and would not cause a significant impact to the availability of transportation facilities and services in the project area.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Natural Features Code</th>
<th>Summary of consultations, supporting documentation, determinations, and mitigation measures</th>
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</thead>
<tbody>
<tr>
<td>Water Resources</td>
<td>2</td>
</tr>
<tr>
<td>Unique and Natural Features and Agricultural Lands</td>
<td>2</td>
</tr>
<tr>
<td>Vegetation and Wildlife</td>
<td>2</td>
</tr>
</tbody>
</table>

Determination – Because some topics in the Statutory Checklist require Site-Specific Reviews including further consultation, mitigation, and potential permit requirements or approvals, the project activities cannot convert to Exempt per 24 CFR 58.34 (a) (12). Complete pertinent compliance requirements, publish a combined FONSI and NOI/RROF, request release of funds, and obtain HUD’s Authority to Use Grant Funds per §58.70 and §58.71 before committing funds for any project activities.
4.0 APPLICABLE MITIGATION MEASURES

As detailed in Appendix B, the Tier II ERR employs a site-specific checklist to assess several NEPA compliance factors in accordance with 24 CFR 58.36 and HUD Environmental Standards. This assessment helps determine whether environmental mitigation measures would be required for the proposed housing activity to achieve NEPA compliance on a specific construction site.

Conditions encountered during the site inspection and environmental screening of a proposed construction site will typically determine whether mitigation measures will be required. Following a review of the property inspection report and photographs, a Tier II site-specific checklist will be completed and will describe both the project and required mitigation measures. This assessment will be packaged with supporting documentation into a site-specific file for the State’s review. After the State issues environmental clearance for the proposed construction project, thus receiving authority to use grant funds, the file becomes available for the assigned construction contractor to review in support of site planning activities, in the Rebuild NC program (Greene County) system of record, and in the ERR maintained by the State.

This Tier I ERR for the program indicates that environmental mitigation measures may be required for several compliance factors, including:

- Historic Preservation (36 CFR Part 800)
- Floodplain Management and Flood Insurance (24 CFR 55, Executive Order 11988, 42 USC 4001-4128, 42 USC 5154a)
- Wetlands Protection (24 CFR 55, Executive Order 11990)
- Endangered Species Act (50 CFR 402)
- Toxic Chemicals and Gases, Hazardous Materials, Contamination, and Radioactive Substances (24 CFR 58.5(i)(2))
- Siting of HUD-Assisted Projects Near Hazardous Operations (24 CFR 51C);
- Farmland Protection (7 CFR 658)
- Magnuson-Stevens Fishery Conservation and Management Act [16 USC 1801 et seq.]
- Noise Abatement and Control (24 CFR 51 B).

While specific mitigation measures cannot be fully defined upon Tier I ERR publication, they are summarized below. These will support Tier II site-specific standard environmental analysis procedures approved by the State to help define the measures applicable to most sites. The construction contractors will note what the specific mitigation measures are required for the assigned project by the Tier II checklist and incorporate these into their construction plans and document how compliance was achieved.

These are conditions for mitigation for environmental items that need additional actions before or during the proposed project activities.
General
1. Acquire all required federal, state and local permits prior to commencement of construction and comply with all permit conditions.
2. Contractors will be required to prepare and implement health and safety plans and conduct monitoring during construction to protect the health and safety of site workers and the public.
3. If the scope of work of a proposed activity changes significantly, the application for funding must be revised and resubmitted for re-evaluation under the National Environmental Policy Act.

Historic Preservation
4. All activities must comply with Section 106 of the National Historic Preservation Act (NHPA) per the implementing regulations 36 CFR Part 800. Compliance with Section 106 is achieved through the procedures set forth in the Programmatic Agreement between the North Carolina Department of Commerce, North Carolina Department of Public Safety, and State Historic Preservation Officer (SHPO), as signed onto by the North Carolina Department of Commerce.
5. If archeological deposits, including any Native American pottery, stone tools, bones, or human remains, are uncovered, the project shall be halted, and the applicant shall stop all work immediately near the discovery and take reasonable measures to avoid or minimize harm to the finds. All archeological findings will be secured and access to the sensitive area restricted. The applicant will inform the State of North Carolina (the State) immediately and consult with SHPO. Work in sensitive areas cannot resume until consultation is completed and appropriate measures have been taken to ensure that the project complies with the NHPA.

Floodplain Management and Flood Insurance
6. All proposed reconstruction, repair, elevation, and mitigation of substantially damaged structures in the 100-year floodplain will adhere to the most recent elevation requirements in accordance with local codes and Base Flood Elevation requirements where they exceed the federal standards.
7. All structures funded by the Rebuild NC: Single Family Housing Recovery Program (1-4 Units) (Rebuild NC), if in, or partially in, the 100-year floodplain shown on the latest FEMA flood maps, will be covered by flood insurance and the flood insurance must be maintained for the economic life of the structure [24 CFR 58.6(a)(1)]. All areas within Greene County are participating with the National Flood Insurance Program (NFIP).
8. No funding will be provided to any person who previously received federal flood disaster assistance conditioned on obtaining and maintaining flood insurance but failed to obtain and maintain the insurance [24 CFR 58.6(b)].
9. Duration of Flood Insurance Coverage. The statutory period for flood insurance coverage may extend beyond project completion. For loans, loan insurance or guaranty, flood insurance coverage must be continued for the term of the loan. For grants and other non-loan forms of assistance, coverage must be continued for the life of the property, regardless of transfer of ownership of such property. Section 582(c) of the Community Development and Regulatory Improvement Act of 1994 mandates that “The requirement of maintaining flood insurance shall apply during the life of the property, regardless of transfer of ownership of such property.” (42 USC 4012a). Such anticipated economic or useful life of the property may vary with the nature of the assisted activity. For example, construction of a new or substantially improved building requires flood insurance coverage for the life of the building, while for minor rehabilitation such as repairing, weatherizing, or roofing of a building, the grantee may require flood insurance coverage ranging from 5 to 15 years as deemed feasible. HUD will accept any period within that range that appears reasonable.

10. Dollar Amount of Flood Insurance Coverage. For loans, loan insurance or guaranty, the amount of flood insurance coverage need not exceed the outstanding principal balance of the loan. For grants and other forms of financial assistance, the amount of flood insurance coverage must be at least equal to the development or project cost (less estimated land cost) or to the maximum limit of coverage made available by the Act with respect to the particular type of building involved (SF-Single Family, OR-Other Residential, NR-Non-Residential, or SB-Small Business), whichever is less. The development or project cost is the total cost for acquiring, constructing, reconstructing, repairing or improving the building. This cost covers both the federally assisted and the non-Federally assisted portion of the cost, including any machinery, equipment, fixtures, and furnishings. If the Federal assistance includes any portion of the cost of any machinery, equipment, fixtures or furnishings, the total cost of such items must also be covered by flood insurance.

11. Proof of Purchase. The standard documentation for compliance with Section102 (a) is the Policy Declarations form issued by the NFIP or issued by any property insurance company offering coverage under the NFIP. The insured has its insurer automatically forward to the grantee in the same manner as to the insured, information copies of the Policy Declarations form for verification of compliance with the Act. Any financially assisted Special Flood Hazard Area (SFHA) building lacking a current Policy Declarations form is in Noncompliance.

12. Grantee’s Evidence of Compliance under the Certification. The grantee must maintain a complete and up-to-date listing of its on-file and current Policy Declarations for all financially assisted SFHA buildings. As a part of the listing, the grantee should identify any such assisted building for which a current Policy Declarations form is lacking and attach a copy of the written request made by the grantee to the owner to obtain a current Policy Declarations form.
Wind
13. Greene County is in the 100-mph Basic Wind Speed for 50-year mean recurrence interval. As such, all reconstruction or new construction must meet the requirements of the North Carolina Construction Code, Building Planning and Construction for wind design.

Wetlands Protection and Water Quality
14. Implement and maintain erosion and sedimentation control measures sufficient to prevent deposition of sediment and eroded soil in on-site and off-site wetlands and waters and to prevent erosion in on-site and off-site wetlands and waters.
15. Minimize soil compaction by minimizing activities in vegetated areas, including lawns.

Noise
16. Outfit all equipment with operating mufflers.
17. Comply with applicable local noise ordinances.

Air Quality
18. Use water or chemical dust suppressant in exposed areas to control dust.
19. Cover the load compartments of trucks hauling dust-generating materials.
20. Wash heavy trucks and construction vehicles before they leave the site.
21. Employ air pollution control measures on all vehicles and equipment, as required.

Hazardous Materials
22. All activities must comply with applicable federal, state and local laws and regulations regarding environmental protection and asbestos, including but not limited to the following:
   - North Carolina Environmental Policy Act and Rules at 01 NCAC (North Carolina Administrative Code) 25
   - National Emission Standard for Asbestos, standard for demolition and renovation, 40 CFR 61.145 and 150
   - North Carolina Asbestos Hazard Management Program, NC General Statutes (GS) Section 130A-444 through 452 – Asbestos Hazard Management
23. Applicant or contractor must comply with all laws and regulations concerning the proper handling, removal and disposal of hazardous materials (e.g., asbestos, lead-based paint) or household waste (e.g., construction and demolition debris, pesticides/herbicides, white goods).
24. All activities must comply with applicable federal, state and local laws and regulations regarding lead-based paint including, but not limited to, HUD’s lead-based paint regulations in 24 CFR Part 35.
25. All residential structures must be treated for mold attributable to Hurricane Matthew in accordance with federal, state or local guidelines.
Appendix A

Figures

Greene County Map
Greene County Rainfall Map
Declared Disaster Areas
Greene County Individual Assistance Applications
Appendix B

Tier II Site-Specific Checklist
Tier II Environmental Review Record
Community Development Block Grant – Disaster Recovery
Rebuild NC: Greene County Single Family Housing Recovery Program (1-4 Units)

Project Information

<table>
<thead>
<tr>
<th>Submittal date:</th>
<th>Application ID:</th>
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</thead>
<tbody>
<tr>
<td>Property address:</td>
<td></td>
</tr>
<tr>
<td>GPS coordinates:</td>
<td>Census tract:</td>
</tr>
<tr>
<td>Lot:</td>
<td>Tax ID:</td>
</tr>
<tr>
<td>Date of field inspection:</td>
<td>Date of review:</td>
</tr>
<tr>
<td>Inspector name:</td>
<td>QA/QC name:</td>
</tr>
</tbody>
</table>

**Project Description:** A Tier I Environmental Assessment (EA) was completed for the Rebuild NC: Single Family Housing Recovery Program (1-4 Units) (Rebuild NC).

A map showing the location of the property is attached.
Environmental Review Determination:
Property Address:

1. Is project in compliance with applicable laws and regulations?  □ Yes  □ No
2. Is an Environmental Impact Statement required?  □ Yes  □ No
3. Finding of No Significant Impact (FONSI) can be made. Project will not significantly affect the quality of the environment. □ Yes  □ No

Are mitigation measures required for this project? □ Yes  □ No

If “Yes,” provide the mitigation measures on the form following checklists.

Signatory Information and Approval

PREPARER

Prepared By:

Title:

Signature and Date:__________________________________________________________

CERTIFYING OFFICER

Approved By:

Title:

Signature and Date:__________________________________________________________
Project Description:

Note: Throughout this annotated form, explanatory language is in blue font and should be deleted upon completion of the form.

(Delete all that do not apply)

- **For rehabilitation:**
The proposed activity is rehabilitation of the (insert number)-unit residential structure at the address listed above. The structure was damaged because of Hurricane Matthew. The structure was constructed in (insert year). Renovations will include addressing storm-related damage and repairing the property to current minimum property standards and compliance with applicable Americans with Disabilities Act requirements. All activities will be limited to the disturbed area of the previously developed lot. Pre-award and pre-application activities will be limited to work completed in the same footprint of the damaged structure. A map showing the location of the property is attached.

- **For elevation of an existing building:**
The proposed activity is elevation of the (insert number)-unit residential structure at the address listed above. The structure was damaged because of Hurricane Matthew. The structure was constructed in (insert year). The lowest habitable floor of the structure would be elevated at least 2 feet above the advisory base flood elevation (ABFE), in accordance with federal requirements or local code, whichever is higher. All activities will be limited to the disturbed area of the previously developed lot or activities will largely be limited to the disturbed area of the previously developed residential site but would disturb the ground surface to install pier and beam foundation and accommodate required utilities. Pre-award and pre-application activities will be limited to work completed in the same footprint of the damaged structure. A map showing the location of the property is attached.

The federal or local code, whichever is higher, would determine the elevation requirements. Based upon that code, “1 foot” should be changed to “X feet” based upon the code.

- **For reconstruction on an existing lot:**
The proposed activity involves possible demolition of an existing structure built in (insert year) and reconstruction on an existing property of same residential density with the above-listed address, where the structure received damage from Hurricane Matthew to the extent that rehabilitation was not possible. Proposed activities would include reconstruction activities in accordance with minimum property standards and site-specific EA mitigation measures (insert to protect wetlands, U.S. waters, threatened and endangered species, and to minimize the hazards future flood events, and invasive species). If the home site is in the floodplain, compliance with the local floodplain ordinance will be required and include elevation of the home to 2 feet above the advisory base flood elevation (ABFE), in accordance with the effective Flood Insurance Rate Map or Preliminary Flood Insurance Rate Map published by FEMA. Activities will be limited to the disturbed area of the previously developed lot or activities will largely be limited to the disturbed area of the previously developed residential site but would disturb the ground surface to install pier and beam foundation and accommodate required utilities. A map showing the location of the property is attached.

The federal or local code, whichever is higher, would determine the elevation requirements. The sentence regarding elevation above the ABFE should be removed from the description if the new structure would be entirely outside the 100-year floodplain.

- **For reimbursement**
The proposed activity is reimbursement of the rehabilitation repairs of the residential unit at the address listed above. The structure was damaged due to Hurricane Matthew. The structure was constructed in (insert year). All reimbursement activities are limited to work completed within the existing footprint of the damaged structure. A map showing the location of the property is attached.

- **For new construction or relocation on a previously undisturbed lot:**
The proposed activity is new construction of a (insert number)-unit residential structure at the address listed above. The project activity is the result of the need to build a new structure, as the homeowner’s old structure was damaged extensively due to Hurricane Matthew. Proposed activities would include construction activities in accordance with minimum property standards and site-specific EA mitigation measures (insert to protect wetlands, U.S. waters, threatened and endangered species, and to minimize the hazards future flood events, of toxic and radioactive materials, explosive and flammable hazards, and invasive species). Activities will be limited to the disturbed area of the previously developed lot or activities will largely be limited to the disturbed area of the previously developed residential site but would disturb the ground surface to install pier and beam foundation and accommodate required utilities. New construction is not allowed in a 100-year floodplain. A map showing the location of the property is attached.

<table>
<thead>
<tr>
<th>Finding of Tier II Review</th>
<th>Choose one of the following:</th>
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<tbody>
<tr>
<td></td>
<td>☐ The proposed activity conditionally complies with environmental requirements for funding.</td>
</tr>
<tr>
<td></td>
<td>☐ The proposed activity does not comply with environmental requirements for funding because (provide reason such as permanent impact to a wetland or within a floodway).</td>
</tr>
<tr>
<td></td>
<td>☐ A finding cannot be made without additional information or documentation (attached)</td>
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## Site Specific Findings

### 1. Historic Preservation

(36 CFR Part 800)

☐ REVIEW CONCLUDED (check this box only when completion of the subtasks below results in a “Review Concluded”)

#### A. SHPO/Tribal Review or Notification Required

*The historic preservation review must be concluded for both above ground resources and archaeological resources*

Project activity is for a building built after 1968 that is not within a historic district, and the project activity will not involve reconstruction or elevation. Meets PA Allowance and Historian with Secretary of the Interior Standards approves. **Submit information to SHPO detailing findings for Round 1 SHPO review.**

☐ SHPO findings indicate no further consultation needed, proceed to Item 2, Floodplain Management and Flood Insurance. (Review Concluded)

☐ SHPO findings indicate further consultation required. Continue to next step for Historic Preservation.

#### B. National Historic Landmark (NHL)

☐ Activity meeting Programmatic Allowances involves a National Historic Landmark.

☐ SHPO and National Park Service NHL Program Manager notified and provided appropriate project documentation

☐ **No Adverse Effect Determination.**

Are project conditions required?

☐ No (Review Concluded)

☐ Yes. Attach conditions. (Review Concluded)
☐ Adverse Effect Determination

(HPO concurrence on file)

☐ Mitigation not possible. **STOP – APPLICATION IS NOT ELIGIBLE FOR FUNDING. Inform Certifying Officer.**

☐ Resolution of Adverse Effect completed

☐ MOA on file

Are project stipulations required?

☐ No (Review Concluded)

☐ Yes. Attach conditions. (Review Concluded)

C. Standard Project Review: SHPO/Tribal Consultation Required

☐ Proposed activity does not involve a NHL and does not meet the above programmatic allowances for both above ground and archaeological considerations and requires Section 106 review of the entire undertaking.

☐ List any tribes or other consulting parties who were notified or consulted for this undertaking:

______________________________________________________________________________

(Proceed to boxes in both columns below until the review of both resource types is concluded)
| ☐ No above ground Section 106-defined historic properties in Area of Potential Effects. **No Historic Properties Affected Determination.** SHPO concurrence on file. *(Above Ground Review Concluded)* |
| ☐ Individual historic properties or historic districts are located in the Area of Potential Effects. |
| ☐ No Historic Properties Adversely Affected Determination (SHPO concurrence on file) |
| ☐ Are project conditions required? |
| ☐ No *(Above Ground Review Concluded)* |
| ☐ Yes. Attach conditions. *(Above Ground Review Concluded)* |
| ☐ Adverse Effect Determination (SHPO concurrence on file) |
| ☐ Mitigation not possible. STOP – APPLICATION IS NOT ELIGIBLE FOR FUNDING. Inform Certifying Officer. |
| ☐ Resolution of Adverse Effect completed |
| ☐ Standard Treatment Measure(s) listed in PA applied (SHPO concurrence on file) |
| ☐ Separate MOA on file |
| ☐ Are project stipulations required? |
| ☐ No *(Above Ground Review Concluded)* |
| ☐ Yes. Attach stipulations. *(Above Ground Review Concluded)* |
| ☐ Consultation conducted with SHPO and project area assessed as not having potential for eligible archaeological resources. |
| ☐ Project area assessed as having low potential for archaeological resources |
| ☐ No Historic Properties Affected Determination (SHPO concurrence or consultation on file). *(Archaeological Review Concluded)* |
| ☐ Project area has been field assessed for presence of archeological resources |
| ☐ No archaeological materials identified in Area of Potential Effects. |
| ☐ No Historic Properties Affected Determination (SHPO concurrence or consultation on file). *(Archaeological Review Concluded)* |
| ☐ Archaeological materials identified in Area of Potential Effects through consultation or fieldwork. |
| ☐ No Historic Properties Adversely Affected Determination (SHPO concurrence on file) |
| ☐ Are project conditions required? |
| ☐ No *(Archaeological Review Concluded)* |
| ☐ Yes. Attach conditions. *(Archaeological Review Concluded)* |
| ☐ Adverse Effect Determination (SHPO concurrence on file) |
| ☐ Mitigation not possible. STOP – APPLICATION IS NOT ELIGIBLE FOR FUNDING. Inform Certifying Officer. |
| ☐ Resolution of Adverse Effect completed |
| ☐ Standard Treatment Measure(s) listed in PA applied, (SHPO concurrence on file.) |
| ☐ Separate MOA on file |
| ☐ Are project stipulations required? |
| ☐ No *(Archaeological Review Concluded)* |
| ☐ Yes. Attach stipulations. *(Archaeological Review Concluded)* |

### 2. Floodplain Management and Flood Insurance
*(EO 11988, 24 CFR Part 55, and 24 CFR 58.6)*
The proposed site is (check only one of the following):

- Not in a 100-year floodplain (A zone). Attach appropriate floodplain map showing site location. (Complies with EO 11988, 24 CFR Part 55, and 24 CFR 58.6.) *Review Concluded*

- In a 100-year floodplain (A zone) and not in a National Flood Insurance Program (NFIP) participating community. Attach appropriate floodplain map showing site location. *Does not comply* with EO 11988, 24 CFR Part 55, and 24 CFR 58.6 because required flood insurance is not obtainable. STOP – APPLICATION IS NOT ELIGIBLE FOR FUNDING. Inform Certifying Officer.

- In a 100-year floodplain (A zone) and in an NFIP-participating community. Are the existing structure and the proposed activity in a designated floodway area?
  
  - Yes. Is the project activity property acquisition, buyout assistance, or relocation outside of floodway?
    
    - Yes. Project may continue. *Review Concluded*
    
    - No. Attach appropriate floodplain map showing site location. STOP – APPLICATION IS NOT ELIGIBLE FOR FUNDING. Inform Certifying Officer.
  
  - No. Proceed to the following question.

  Is the project activity new construction in or relocation of a structure to the floodplain?

  - Yes. Activity does not meet Programmatic Compliance eight-step process. An individual eight-step must be completed for the property and permitted, if required. Perform individual decision-making process for this site.
  
  - No. If the structure is substantially damaged (damage equal to or more than 50 percent of the pre-Hurricane Matthew value of the structure), the structure may require elevation, and other mitigation, including flood insurance. A decision-making process would be required. If the structure is not substantially damaged, the structure does not require elevation but would require flood insurance. *Review Concluded*

### 3.1 Wetlands
*(EO 11990 and Clean Water Act, especially Section 404)*

- REVIEW CONCLUDED (check this box only when completion of the subtasks below results in a “Review Concluded”)

Are there coastal or freshwater wetlands on or adjacent to the site?

- No. There are no wetlands on the project site. *Review Concluded*

- Yes. Would (Did) the activity affect a wetland? Attach appropriate wetlands map.

  Work in wetlands, including operation of equipment in wetlands, would affect the wetlands. A freshwater wetland greater than 12.4 acres and the 100-foot “adjacent area” (measured horizontally) surrounding the wetland is granted protection under the Freshwater Wetland Act of 1975. Work in state or federally protected wetlands and/or their adjacent areas constitute a direct impact to the wetland. Best management practices should prevent impact to adjacent wetlands.

  - No. Project involves disturbance in existing disturbed area only. There is no potential to impact wetlands. Compliance met. *Review Concluded*

  - Yes. Possible adverse effect in wetlands.

    - Eight-step process done?
      
      - No. The 8-step decision-making process was not completed. STOP – APPLICATION IS NOT ELIGIBLE FOR FUNDING. Inform Certifying Officer.
      
      - Yes. The 8-step decision-making process was completed.

      Activity in compliance with EO 11990 and the Clean Water Act. Explain basis for
3.2 Clean Water Act  
(EO 11990 and Clean Water Act, especially Section 404)  

<table>
<thead>
<tr>
<th>Box</th>
<th>Text</th>
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</thead>
</table>
| | 3.2 Clean Water Act  
| | (EO 11990 and Clean Water Act, especially Section 404)  
| | REVIEW CONCLUDED (check this box only when completion of the subtasks below results in a “Review Concluded”)  
| | Are there any Waters of the United States in or within proximity of the applicant site?  
| | No. There are no Waters of the United States that can be affected by the project.  
| | Yes.  
| | Is the project work within the same footprint of the existing structure?  
| | Yes. Construction best practices are required to prevent any construction impact. However, construction work can continue.  
| | No. CWA-trained professional has reviewed the property conditions and conducted a site visit of the Applicant’s site.  
| | Based on that site visit, the professional concluded that the proposed action site does not contain Waters of the United States or that the proposed action will not adversely impact the Waters of the United States.  
| | Based on the site visit of the applicant’s site and review of the information, at least a portion of the site contains Waters of the United States that could be adversely impacted. (Mitigation requires coordination with the US Army Corps of Engineers and possible 401/404 permitting. Inform Certifying Officer)  

STOP – APPLICATION IS NOT ELIGIBLE FOR FUNDING. Inform Certifying Officer.
the proposed action. *(Review Concluded)*

☐ Yes. Consultation with USFWS is required and resulted in a determination that (check only one of the following):

☐ The proposed activity, including appropriate measures to avoid adverse impacts, would not adversely affect threatened and endangered species. Attach supporting documentation. Activity complies. *(Review Concluded)* **Explain how this conclusion was reached. Describe required mitigation measures.**

☐ The proposed activity would adversely affect threatened and endangered species. Attach supporting documentation. **STOP – APPLICATION IS NOT ELIGIBLE FOR FUNDING. Inform Certifying Officer. Explain how this conclusion was reached.** Attach supporting documentation.

7. Wild & Scenic Rivers Act
*(Sections 7(b), (c))*
Not applicable. Compliance determined in Tier I Environmental Assessment.

8. Air Quality
*(Clean Air Act, Sections 176 (c) & (d), & 40 CFR Part 6, 51, & 93)*
Not applicable. Compliance determined in Tier I Environmental Assessment.

9. Farmland Protection Policy Act
*(7 CFR Part 658)*
☐ REVIEW CONCLUDED (check this box only when completion of the subtasks listed below result in a “Review Concluded”)

Is the proposed activity new construction or relocation on a previously undisturbed parcel?

☐ No. This activity is not subject to Farmland Protection Policy Act (FPPA). Previously, Natural Resources Conservation Service (NRCS) has specified that parcels previously converted [from farmland to nonagricultural uses], regardless of location, are not subject to FPPA because the parcels were converted when the original dwelling was constructed on the parcel. The subject activities involve no alteration of undisturbed land and repair/reconstruction of structure in-place and in the previously disturbed area. *(Review Concluded)*

☐ Yes. Continue. Check one of the following.

☐ Area subject to disturbance is less than 3 acres. *(Review Concluded)*

☐ Site located as farmland already in urban development in accordance with 7 CFR 658.2 - not subject to FPPA. *(Review Concluded)*

☐ Site located in an area that includes a density of 30 structures per 40 acres. *(Review Concluded)*

☐ New construction activities and parcel is located outside urban development area; subject to additional review. Continue.

☐ Information obtained documenting that the parcel was previously residentially developed land. The NRCS specified that parcels that had previously been converted [from farmland to nonagricultural uses] when the original dwelling was constructed on the parcel, regardless of location, are not subject to FPPA. *(Review Concluded)*

☐ Coordination with NRCS is required.
Farmland Conversion Impact Rating, Form AD-1006, or other NRCS-approved documentation has been completed and submitted on Date:

- NRCS has replied on Date: (attach documentation)
- Are conditions required? No. Yes. Document conditions. (Review Concluded)
- NRCS has not replied within 30 days; no response is considered to be concurrence with finding of no significant adverse effect. (Review Concluded)

10. Environmental Justice
(EO 12898)
Not applicable. Compliance determined in Tier I Environmental Assessment.

11. Toxic Chemicals and Gases, Hazardous Materials, Contamination, and Radioactive Substances
(24 CFR Part 58.5(i)(2))

REVIEW CONCLUDED. (check this box only when completion of the subtasks listed below result in a “Review Concluded”)

Note: This review is not intended to satisfy the requirements of a Phase I Environmental Site Assessment (ESA) or other Environmental Due Diligence Process as defined by the American Society of Testing and Materials (ASTM), or any of the requirements necessary to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on CERCLA liability. However, in the event of acquisition of property, a Phase I assessment may be required. That assessment will be done as an additional study to this Tier II.

FINDINGS FROM SITE INSPECTION
Are there any recognized environmental conditions (RECs), such as obvious signs of hazardous, toxic, or radioactive materials or substances as observed during the site visit?

- No. Attach site observation report.
- Yes. Describe and attach site observation report.

REC explanation: Site conditions indicate that the subject property is contaminated or likely contaminated via the release of on-site or off-site hazardous substances or petroleum products.

During the site reconnaissance, the subject property and adjoining properties are visually inspected for RECs, such as:

- UST vent or fill pipes
- Corroded ASTs, drums or containers
- Pits, ponds, lagoons, pools of hazardous substances or petroleum products
- Mounds of rubble, garbage, or solid waste
- Distressed vegetation
- Surface staining
- Faulty septic systems
- Groundwater monitoring or injection wells
- Structure(s): present and former uses, such as any industrial or commercial structure that potentially used, stored or handled hazardous materials.

Note any obstacles to identification of RECs (Examples: soil piles, household debris, no access to backyard)

FINDINGS FROM REVIEW OF REGULATORY DATABASES AND OTHER INFORMATION SOURCES
Is the site within 3,000 feet of a listed solid or hazardous material facility, landfill, or contaminated area? Attach figure of site location with findings indicated.

- No. Based on the limited site observations made in support of this review and review of the listed sources of information, the project site does not appear to be impacted by hazardous, toxic, or radioactive materials or substances where the specified hazard could affect the health and safety of occupants or conflict with the intended
utilization of the site. (Review Concluded)

☐ Yes.

☐ The project site is listed as a known or suspected contaminated (hazardous, toxic, or radioactive materials or substances) site.

☐ More information is required, such as documentation of cleanup or remediation or “No Further Action” letter from the governing agency.

Specify additional information obtained from the governing agency:

☐ Based on the review, it does not appear that the identified hazard affects the health and safety of occupants or conflicts with the intended utilization of the project site. Note that this review does not constitute a risk assessment or definitive determination of the hazard and its potential effect on health and safety of occupants or the environmental condition of the project site. (Review Concluded)

☐ Based on the review, it does appear that the identified hazard affects the health and safety of occupants or conflicts with the intended utilization of the project site. The project site and/or proposed action DOES NOT clear the site-specific review process. STOP – SITE IS NOT ELIGIBLE FOR FUNDING. Inform Certifying Officer.

☐ Based on review of regulatory databases and other information sources, the project site does not appear to be located proximate (within 500 feet) to a site of environmental concern (toxic site or solid waste landfill site), and no known studies indicate an environmental concern for the location. (Review Concluded)

☐ Based on review of information sources, the project site does appear to be located proximate (within 500 feet) to a site of environmental concern that could have adversely impacted the project site, and/or is known or suspected to be contaminated by toxic substances or radioactive materials.

Specify additional information obtained from the governing agency.

Based on topography or distance of the project site relative to the site of environmental concern:

☐ It does not appear that the project site is likely to have been impacted by the site of environmental concern to a degree where the hazard could affect the health and safety of occupants or conflict with the intended utilization of the project site. (Review Concluded)

☐ It does appear that the project site is likely to have been impacted by the site of environmental concern to a degree where the hazard could affect the health and safety of occupants or conflict with the intended utilization of the project site. Additional regulatory file review to be done.

☐ Regulatory agency file review done for site of environmental concern. The review indicates that the project site is not suspected or known to be contaminated by the site (attach regulatory file review documentation). (Review Concluded)

☐ Regulatory agency file review done for site of environmental concern. Results of regulatory agency file review indicate that the project site is known to be contaminated by the site of environmental concern. The project site and/or proposed action does not clear the site-specific environmental review process. STOP – APPLICATION IS NOT ELIGIBLE FOR FUNDING. Inform Certifying Officer.

☐ Regulatory agency file review done for site of environmental concern. Results of regulatory agency file review indicate that the project site is suspected to be contaminated by the site of environmental concern. Request additional information from the Applicant.
Information provided by Applicant documents that the project site is not contaminated. (Attach documentation) **(Review Concluded)**

- Regulatory agency file review done for site of environmental concern. Results of regulatory agency file review indicate that the project site is suspected to be contaminated by the site of environmental concern. Request additional information from the Applicant. Applicant does not have documentation related to the potential for contamination of the project site. Applicant must request a letter or finding from the State stating that the project site is not contaminated or has been remediated. Information provided by Applicant documents that the project site is not contaminated. (Attach documentation) **(Review Concluded)**

- Regulatory agency file review done for site of environmental concern. Results of regulatory agency file review indicate that the project site is suspected to be contaminated by the site of environmental concern. Request additional information from the Applicant. Applicant does not have documentation related to the potential for contamination of the project site. Applicant must request a letter or finding from the State stating that the project site is not contaminated or has been remediated. Applicant does not provide adequate documentation.

STOP – APPLICATION IS NOT ELIGIBLE FOR FUNDING. Inform Certifying Officer.

Are any of the following documented or suspected of being present at the project site? Check all that apply.

- □ Lead-based paint
- □ Asbestos
- □ Mold

If any of the above is checked, document site-specific hazards and mitigation requirements. If determination is unknown, document and include mitigation requirements.

### 12. Siting of HUD-Assisted Projects Near Hazardous Operations

(24 CFR Part 51, Subpart C)

- □ REVIEW CONCLUDED. (check this box only when completion of the subtasks listed below result in a “Review Concluded”)

Would (Did) the proposed activity increase the number of dwelling units of the housing structure that existed on the project site prior to Hurricane Matthew or change the location of that structure?

- □ No. **In compliance.** Identify source of information. **(Review Concluded)**

  *The source of information will be the grant application.*

- □ Yes.

  Would the structure be (are the structures) less than the acceptable separation distance (ASD) from a stationary aboveground storage tank (AST) that is within 1 mile of the subject property and holds an explosive or combustible substance? **Note:** ASTs of 100 gallons or less that hold "common liquid fuels" such as fuel oil, kerosene, and gasoline or tanks that are ancillary to the structure are exempt from the ASD requirements and cannot cause the answer to this question to be Yes. However, this exemption does not apply to compressed fuel gases such as propane, so it is possible that a stationary compressed fuel gas tank of 100 gallons or less not ancillary to the structure could cause the answer to this question to be Yes.

  **Additional explanation of ASD analysis is provided below.**

- □ No. **In compliance.** Explain finding. **(Review Concluded)**

- □ Yes. Describe the information used in calculating the ASD and attach a map showing the location of the tank relative to the subject property. Describe any feasible mitigation measures per 24 CFR 51.205, or other verifiable information that is pertinent to compliance with the ASD standard. If no mitigation
measures are feasible, the activity is **not in compliance** with the applicable HUD environmental standard, 24 CFR Part 51C. **STOP – APPLICATION IS NOT ELIGIBLE FOR FUNDING. Inform Certifying Officer.**

Requires use of Google Earth or like tool for desktop search for large ASTs within 1 mile plus a field reconnaissance of project site and surrounding properties.

Common liquid fuels include fuel oil, gasoline, diesel fuel, and kerosene. Other flammable or explosive substances include propane and other fuel gases. If the type of substance in a tank cannot be determined, it must be assumed to contain a flammable or explosive substance that is not a common liquid fuel.

The ASD is determined using HUD’s Acceptable Separation Distance Electronic Assessment Tool, [http://www.hud.gov/offices/cpd/environment/asdcalculator.cfm](http://www.hud.gov/offices/cpd/environment/asdcalculator.cfm). The information required to use the tool depends on the type of tank involved. For diked tanks, it is not necessary to know the volume of the tank, but the dimensions of the diked area must be estimated. This can be done using Google Earth.

For tanks holding ordinary fuel gases such as propane, which are always pressurized, only the volume of the tank must be determined. Information at the following link can be used to determine the volume of a tank if at least one of its dimensions is known: [http://www.missiongas.com/lpgastankdimensions.htm](http://www.missiongas.com/lpgastankdimensions.htm).

A tank holding a cryogenic liquid such as liquid natural gas may or may not be diked. If it is, the dimensions of the diked area must be estimated. If it is not diked, the volume of the tank must be estimated.

The ASD Electronic Assessment Tool calculates three ASDs for pressurized tanks containing ordinary fuel gas: blast overpressure, thermal radiation for people, and thermal radiation for buildings. The blast overpressure ASD is not calculated for unpressurized tanks because they are not subject to explosion. The activity must comply with all applicable ASDs.

The ASD for thermal radiation for people is the longest. Blast overpressure can be mitigated with a blast wall, but this approach is generally not feasible for thermal radiation because the maximum thermal radiation comes from a fireball well above the tank.

13. Coastal Barrier Resources Act/Coastal Barrier Improvement Act
(24 CFR 58.6(c))
Not applicable. Compliance determined in Tier I Environmental Assessment.

14. Airport Clear Zones and Accident Potential Zones
(24 CFR Part 51, Subpart D)
Not applicable. Compliance determined in Tier I Environmental Assessment.

15. Fish and Wildlife Coordination Act
(16 USC 661-666c)
Not applicable. Compliance determined in Tier I Environmental Assessment.

16. Magnuson-Stevens Fishery Conservation and Management Act
(16 USC 1801 et seq.)
☐ REVIEW CONCLUDED. (check this box only when completion of the subtasks listed below result in a “Review Concluded”)

Would (Did) the proposed activity occur in an Anadromous Fish Spawning Area?
☐ No. **In compliance.** Identify source of information. (Review Concluded)

☐ Yes. Is the project compliant with the required conditions/mitigations to ensure that the project does not adversely affect the fish spawning area?

☐ Yes. **In compliance.** Identify source of information. (Review Concluded)

☐ No. **STOP – APPLICATION IS NOT ELIGIBLE FOR FUNDING. Inform Certifying Officer.**

17. Noise Abatement and Control
(24 CFR Part 51, Subpart B)
☐ REVIEW CONCLUDED. (check this box only when completion of the subtasks listed below result in a “Review Concluded”)


Would (Did) the proposed activity change the facility substantially from its condition that existed prior to Hurricane Matthew, such as increasing the number of dwelling units or changing the location of the housing structure?

☐ No. **In compliance.** Identify source of information. *(Review Concluded)*

  The source of information will be the grant application.

Is the building within 1,000 feet of a major roadway, 3,000 feet of a railroad, or 15 miles of a military airfield or Federal Aviation Administration-regulated civil airfield?

☐ No. **In compliance.** Identify source of information. *(Review Concluded)*

Is the building within an area with a calculated noise level that is Acceptable (at or below 65 DNL)?

☐ Yes. **In compliance.** Identify source of information. *(Review Concluded)*

  Is the building within an area with a calculated noise level that is Normally Unacceptable (66-75 DNL)?

☐ Yes. Identify noise attenuation requirements that will bring the interior noise level to 45 DNL or exterior noise level to 65 DNL. *(Review Concluded)*

Is the building within an area with a calculated noise level that is Unacceptable (above 75 DNL)?

☐ Yes. **STOP – APPLICATION IS NOT ELIGIBLE FOR FUNDING.** Inform Certifying Officer.

---

**Environment Assessment Factors**

[Environmental Review Guide HUD CPD 782, 24 CFR 58.4, 40 CFR 1508.8 and 1508.27]

*For the Rebuild NC program, all Environment Assessment Factors have been considered in the Tier I Environmental Review Record and have all been found to not have any significant adverse impacts on the environment. No Tier II site-specific review of these factors is required.*
Appendix C

Agency Consultations and Correspondence

[40 CFR 1508.9(b)] (List and attach all evidence of inquiries and responses received at all stages of consultation and analysis.)

Exhibit 1. Floodplain Management
Exhibit 2. Wetland Protection
Exhibit 3. Coastal Zone Management
Exhibit 4. Sole Source Aquifers
Exhibit 5. Endangered Species
Exhibit 6. Wild and Scenic Rivers
Exhibit 7. Air Quality
Exhibit 8. Farmland Protection
Exhibit 9. Environmental Justice
Exhibit 10. Noise Abatement and Control
Exhibit 11. Siting of HUD-Assisted Projects Near Hazardous Operations
Exhibit 12. Airport Hazards
Exhibit 13. Magnuson-Stevens Fishery Conservation Act
Exhibit 14. Coastal Barrier Resources Act

Note: The Historic Preservation Programmatic Agreement is included in Appendix F.
Attachment 1-1. Check List for Building and Zoning Requirements for Greene County

Greene County 100-year Floodplain Map
Attachment 1-1
Check List for Zoning and Building Permits

1. **Zoning Permit** “Issued by Greene County Zoning Department”
   a. Owner must provide a copy of the recorded property deed.
   b. E-911 Address and Flood Plain Hazard Map Template issued by the Greene County E-911 Tax Mapping Department.
   c. Certification from the Greene County Tax Office indicating all delinquent taxes are paid.
   d. Detailed drawn to scale site plan may be required.

2. **Septic Tank Approval** “Issued by the Greene County Environmental Health Department”
   1. Soil Evaluation “Perk Test”
   2. Permit to install or make improvements to existing septic system
   3. Approvals are required to authorize issuance of occupancy

3. **DOT Driveway Permit** “Issued by NC Department of Transportation”
   Is required to obtain access to the property from a state maintained right of way. G. S. 136-18(5) and 136-93

4. **Flood Elevation Preconstruction Certification** “If the home is located in the Special Flood Plain Hazard Area?” Provided by a NC Licensed Surveyor or Engineer.

5. **Building Permits** “Issued by the Greene County Inspection Department”

Two (2) complete sets of construction drawings is required prior to any permit to build will be issued. Listed below are the minimum required documents before a review can be conducted:

   a. Detailed “drawn to scale” site plan for all commercial and residential new construction and/or additions to an existing building;
   b. Appendix B;
   c. Floor plan;
   d. Foundation, Pier and Footing, Floor, Wall, and Roof Details;
   e. Elevations of the Front, Rear, Sides and Roof Sections;
   f. Plumbing; Electrical Drawings; Mechanical Drawings; Life Safety Drawings
   g. Lien Agent Appointment Document effective April 1, 2013
Permits required:
Note: The construction, reconstruction, alteration, repair, movement to another site, removal, or demolition of any building may be commenced or proceeded without first securing each permit required by the NC Building Code. G.S. 153A-357 and 160A-417

a. Building
b. Electrical
c. Plumbing
d. Mechanical
e. Insulation

Permits required may be obtained by the owner, providing the owner qualifies and successfully executes the Owner’s Exception Form as required. If not issued to the owner, a state qualified licensed individual in their appurtenant trade must apply for the permits.
Exhibit 2
Wetland Protection

Attachment 2-1: Consultation with U.S. Army Corps of Engineers

Greene County National Wetlands Inventory Map
Attachment 2-1. Consultation with U.S. Army Corps of Engineers
July 17, 2018

Mr. Scott McLendon
Chief, Regulatory Division, Wilmington District
US Army Corps of Engineers
69 Darlington Avenue
Wilmington, NC 28403

RE: Tiered Environmental Assessment of Single-Family Housing Projects
Hurricane Matthew Community Development Block Grant - Disaster Recovery Program

Dear Mr. McLendon:

The State of North Carolina has received an allocation through a Community Development Block Grant - Disaster Recovery (CDBG-DR) from the U.S. Department of Housing and Urban Development to help fund Hurricane Matthew recovery efforts. Under the CDBG-DR funding umbrella, the State of North Carolina has established Homeowner Recovery, Small Rental Repair, and Buyout/Acquisition Programs that include actions to address unmet housing needs in areas impacted by Hurricane Matthew. As part of these programs, funding will be allocated for single-family (between 1 and 4 units, including mobile homes) housing-related activities in 18 counties (Beaufort, Bladen, Camden, Craven, Dare, Duplin, Greene, Hyde, Johnston, Jones, Moore, Nash, New Hanover, Pasquotank, Pender, Sampson, Washington, and Wilson) to assist low-to-moderate income homeowners who experienced damage to their homes from Hurricane Matthew and have remaining unmet needs. Program activities will include repair/rehabilitation, elevation, reconstruction, relocation, acquisition for buyout, acquisition for redevelopment, and reimbursement for eligible repairs. Although most projects are expected to involve repair/rehabilitation or reconstruction of homes within the previously disturbed footprints, there is the possibility of relocation of homes to previously undisturbed land.

The North Carolina Department of Public Safety, Division of Emergency Management (NCEM) is facilitating the federally-required environmental reviews for the CDBG-DR single-family housing programs in these 18 counties in accordance with 24 CFR Part 58. As specified in the State of North Carolina CDBG-DR Action Plan as amended by the State of North Carolina CDBG-DR Action Plan Substantial Amendment 1, the best available data suggest that 833 homes in these counties sustained damage due to Hurricane Matthew and may seek funding through this program.
To expedite environmental assessments while complying with Part 58 and other applicable laws and regulations, NCEM seeks input from the US Army Corps of Engineers, Wilmington District (USACE) on the need for individual USACE wetlands consultation concerning the following types of single-family housing unit projects:

1. Repair/rehabilitation with no substantial change in footprint on the same parcel;
2. Elevation with no substantial change in footprint on the same parcel;
3. Reconstruction/replacement with no substantial change in footprint on the same parcel;
4. Relocation on previously undisturbed land;
5. Acquisition for buyout;
6. Acquisition for redevelopment as single-family housing; and
7. Reimbursement to homeowners for previously-completed eligible repair activities.

Please let us know which of these types of projects may require site-by-site consultation with USACE. We would also appreciate any suggestions on how our environmental review could be conducted in the most efficient manner consistent with protection of the environment. For example, for types of projects that may require wetlands consultation, please identify the specific conditions that would trigger the need for consultation with the goal of limiting the number of required consultations to the situations that warrant such consultation.

For project types 1, 2, 3, and 7 listed above, site-specific consultation for wetlands does not appear to be warranted because the disturbed footprint of the single-family home will not be substantially changed. Although project types 4 through 6 may possibly impact wetlands and thus require site-specific USACE consultation, this is only the case if wetlands are potentially present. For project types 4 through 6, we suggest that only those project sites that potentially have wetlands present be submitted to USACE for consultation. Potential for presence of wetlands will be determined based on desktop research and visual site observation to determine if any of the technical criteria relating to soils, vegetation, and hydrology are present to support a wetlands determination or if non-wetland waters such as streams or ponds are present. Desktop research will include, as warranted, review of available mapping information from the US Fish and Wildlife Service National Wetlands Inventory and the National Resource Conservation Service soil survey, topographic maps from the US Geologic Survey, and aerial photographs. Visual site observation will be made of each property to identify the presence of standing water or other obvious wetland conditions. Please provide your concurrence with this approach for site-specific environmental assessments or modify as appropriate.
The State of North Carolina is dedicated to providing disaster assistance to people in need of single-family housing as a result of the impacts of Hurricane Matthew in the 18 subject counties as quickly as possible. Due to the urgency of this matter, we ask that you please respond no later than 30 days from receipt of this letter. If you have any questions, please contact John Bock at (510) 302-6249 (john.bock@tetratech.com) or Cliff Jarman at (512) 244-2192 (clifford.jarman@tetratech.com).

Sincerely,

[Signature]

Daniel Herrera
Environmental Manager, CDBG Disaster Recovery
North Carolina Division of Emergency Management

cc: Michael Gagner – NCEM, Deputy Chief of Resilience
    Michael A. Sprayberry – NCEM, Director/Deputy Homeland Security Advisor
Exhibit 3
Coastal Zone Management Act

Attachment 3-1. Consultation with North Carolina Department of Environmental Quality, Division of Coastal Management

Table 3-1. Coastal Area Management Act Counties

Coastal Zone Management Areas map
Attachment 3-1. Consultation with North Carolina Department of Environmental Quality, Division of Coastal Management
July 16, 2018

Mr. Gregg Bodnar  
Assistant Major Permits Coordinator  
Division of Coastal Management  
North Carolina Department of Environmental Quality  
400 Commerce Avenue  
Morehead City, NC 28557

RE: Tiered Environmental Assessment of Single-Family Housing Projects  
Hurricane Matthew Community Development Block Grant - Disaster Recovery Program

Dear Mr. Bodnar:

The State of North Carolina has received an allocation through a Community Development Block Grant - Disaster Recovery (CDBG-DR) from the U.S. Department of Housing and Urban Development to help fund Hurricane Matthew recovery efforts. Under the CDBG-DR funding umbrella, the State of North Carolina has established Homeowner Recovery, Small Rental Repair, and Buyout/Acquisition Programs that include actions to address unmet housing needs in areas impacted by Hurricane Matthew. As part of these programs, funding will be allocated for single-family (between 1 and 4 units, including mobile homes) housing-related activities in 18 counties (Beaufort, Bladen, Camden, Craven, Dare, Duplin, Greene, Hyde, Johnston, Jones, Moore, Nash, New Hanover, Pasquotank, Pender, Sampson, Washington, and Wilson) to assist low-to-moderate income homeowners who experienced damage to their homes from Hurricane Matthew and have remaining unmet needs. Program activities will include repair/rehabilitation, elevation, reconstruction, relocation, acquisition for buyout, acquisition for redevelopment, and reimbursement for eligible repairs. Although most of the proposed projects are expected to involve repair/rehabilitation or reconstruction of homes within the previously disturbed footprints, there is the possibility of relocation of homes to previously undisturbed land.

The North Carolina Department of Public Safety, Division of Emergency Management (NCEM) is facilitating the federally required environmental reviews for the CDBG-DR single-family housing programs in these 18 counties in accordance with 24 CFR Part 58. As specified in the State of North Carolina CDBG-DR Action Plan as amended by the State of North Carolina CDBG-DR Action Plan Substantial Amendment 1, the best available data suggest that 833 homes in these counties sustained damage due to Hurricane Matthew and may seek funding through this program.
To expedite environmental assessments while complying with Part 58 and other applicable laws and regulations, NCEM seeks input from the North Carolina Department of Environmental Quality (NCDEQ) Division of Coastal Management (DCM) on the need for individual NCDEQ DCM consultation concerning the following types of single-family housing unit projects:

1. Repair/rehabilitation with no substantial change in footprint on the same parcel;
2. Elevation with no substantial change in footprint on the same parcel;
3. Reconstruction/replacement with no substantial change in footprint on the same parcel;
4. Relocation on previously undisturbed land;
5. Acquisition for buyout;
6. Acquisition for redevelopment as single-family housing; and
7. Reimbursement to homeowners for previously completed eligible repair activities.

Please let us know which of these types of projects may require site-by-site consultation with NCDEQ DCM and which would not. For example, for project types 1, 2, 3, and 7 listed above, site-specific consultation with NCDEQ DCM does not appear to be warranted because the disturbed footprint of the single-family home will not be substantially changed.

We would also appreciate any suggestions on how our environmental review could be conducted in the most efficient manner consistent with protection of the environment. For example, for types of projects that may require NCDEQ DCM consultation, please identify the specific conditions that would trigger the need for consultation with the goal of limiting the number of required consultations to the situations that warrant such consultation.
The State of North Carolina is dedicated to providing disaster assistance to people in need of single-family housing as a result of the impacts of Hurricane Matthew in the 18 subject counties as quickly as possible. Due to the urgency of this matter, we ask that you please respond no later than 30 days from receipt of this letter. If you have any questions, please contact John Bock at (510) 302-6249 (john.bock@tetratech.com) or Cliff Jarman at (512) 244-2192 (clifford.jarman@tetratech.com).

Sincerely,

\[Signature\]

Daniel Herrera
Environmental Manager, CDBG Disaster Recovery

cc: Michael Gagner - NCEM, Deputy Chief of Resilience
    Michael A. Sprayberry - NCEM, Director/Deputy Homeland Security Advisor
    Lyn Hardison - NCDEQ, Environmental Assistance and SEPA Coordinator
    John A. Nicholson - NCDEQ, Chief Deputy Secretary
Table 3-1  
North Carolina Coastal Area Management Act Counties

<table>
<thead>
<tr>
<th>Counties</th>
<th></th>
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<tbody>
<tr>
<td>Beaufort</td>
<td>Hertford</td>
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<tr>
<td>Bertie</td>
<td>Hyde</td>
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<tr>
<td>Brunswick</td>
<td>New Hanover</td>
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<tr>
<td>Camden</td>
<td>Onslow</td>
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<tr>
<td>Carteret</td>
<td>Pamlico</td>
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<td>Chowan</td>
<td>Pasquotank</td>
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<tr>
<td>Craven</td>
<td>Pender</td>
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<td>Currituck</td>
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<tr>
<td>Dare</td>
<td>Tyrrell</td>
</tr>
<tr>
<td>Gates</td>
<td>Washington</td>
</tr>
</tbody>
</table>

*Source: North Carolina Environmental Quality, Division of Coastal Management*
Exhibit 4
Sole Source Aquifers

Sole Source Aquifers map
Exhibit 5
Endangered Species

Attachment 5-1. Consultation with U.S. Fish and Wildlife Service

Attachment 5-2. Consultation with National Marine Fisheries Service

Attachment 5-3. Consultation with North Carolina Wildlife Resources Commission

Northern Long-Eared Bat White Nose Syndrome Zones map
Attachment 5-1. Consultation with U.S. Fish and Wildlife Service
July 17, 2018

Mr. John Ellis
Federal Project Endangered Species Act Reviewer
U.S. Fish and Wildlife Service
Raleigh Field Office
551F Pylon Drive
Raleigh, NC 27606

RE: Tiered Environmental Assessment of Single-Family Housing Projects
Hurricane Matthew Community Development Block Grant - Disaster Recovery Program

Dear Mr. Ellis:

The State of North Carolina has received an allocation through a Community Development Block Grant - Disaster Recovery (CDBG-DR) from the U.S. Department of Housing and Urban Development to help fund Hurricane Matthew recovery efforts. Under the CDBG-DR funding umbrella, the State of North Carolina has established Homeowner Recovery, Small Rental Repair, and Buyout/Acquisition Programs that include actions to address unmet housing needs in areas impacted by Hurricane Matthew. As part of these programs, funding will be allocated for single-family (between 1 and 4 units, including mobile homes) housing-related activities in 18 counties (Beaufort, Bladen, Camden, Craven, Dare, Duplin, Greene, Hyde, Johnston, Jones, Moore, Nash, New Hanover, Pasquotank, Pender, Sampson, Washington, and Wilson) to assist low-to-moderate income homeowners who experienced damage to their homes from Hurricane Matthew and have remaining unmet needs. Program activities will include repair/rehabilitation, elevation, reconstruction, relocation, acquisition for buyout, acquisition for redevelopment, and reimbursement for eligible repairs. Although most projects are expected to involve repair/rehabilitation or reconstruction of homes within the previously disturbed footprints, there is the possibility of relocation of homes to previously undisturbed land.

The North Carolina Department of Public Safety, Division of Emergency Management (NCEM) is facilitating the federally required environmental reviews for the CDBG-DR single-family housing programs in these 18 counties in accordance with 24 CFR Part 58. As specified in the State of North Carolina CDBG-DR Action Plan as amended by the State of North Carolina CDBG-DR Action Plan Substantial Amendment 1, the best available data suggest that 833 homes in these counties sustained damage due to Hurricane Matthew and may seek funding through this program.
To expedite environmental assessments while complying with Part 58 and other applicable laws and regulations, NCEM seeks input from the US Fish and Wildlife Service (USFWS) on the need for individual threatened and endangered (T&E) species consultation concerning the following types of single-family housing unit projects:

1. Repair/rehabilitation with no substantial change in footprint on the same parcel;
2. Elevation with no substantial change in footprint on the same parcel;
3. Reconstruction/replacement with no substantial change in footprint on the same parcel;
4. Relocation on previously undisturbed land;
5. Acquisition for buyout;
6. Acquisition for redevelopment as single-family housing; and
7. Reimbursement to homeowners for previously-completed eligible repair activities.

Please let us know which of these types of projects may require site-by-site consultation with the USFWS and which would not. For example, for project types 1, 2, 3, and 7 listed above, site-specific consultation with the USFWS does not appear to be warranted because the disturbed footprint of the single-family home will not be substantially changed.

Additionally, NCEM reviewed the types of habitats for the T&E species listed in the attached Table 1. Please let us know which habitats related to these species would require site-specific consultation.

**Freshwater Fish (Moore County)**

These species are found in aquatic habitats. For any construction that would occur in these habitats, the State would require that appropriate erosion and sedimentation control measures be implemented and maintained during construction. We do not anticipate in-stream work to occur. If it does, we will require a site-specific consultation.

**Freshwater Bivalves (Johnston, Nash, Pender, and Wilson Counties)**

Federal T&E freshwater bivalve species (listed for Johnston, Nash, Pender, and Wilson Counties in Table 1) could potentially be adversely impacted if a project involves any clearing and/or land disturbance within 100 feet of a perennial freshwater stream. In these instances, the North Carolina Natural Heritage Program (NCNHP) Data Explorer element occurrence data should be reviewed to determine if there have been any occurrences of any Federal T&E freshwater bivalve species within a distance of one mile upstream or one mile downstream within the impacted stream. If so, the USFWS should be consulted to determine the need for species surveys and/or mitigative actions.
Freshwater or Terrestrial Gastropods (New Hanover County)

The magnificent ramshorn is endemic to the extreme southeast corner of the state, including New Hanover County. We do not anticipate any impacts, but for any sites involving wetland disturbance within two miles of previously identified magnificent ramshorn habitat, as determined using the NCNHP Data Explorer, the USFWS will be consulted.

Birds

The bald eagle is of statewide concern. Bald eagles nest in super dominant canopy trees (i.e., trees that are much taller than surrounding trees). If the project involves the removal of a large pine or cypress tree near a creek or lake, there is a potential for presence of a bald eagle nest. As a first screening, the NCNHP Data Explorer should be accessed to find out if a known bald eagle nest is present. The next step is to visually inspect any super dominant canopy cypress or pine tree that is to be removed for evidence of a large bird nest (important because not every nest is shown in the NCNHP Data Explorer). If there is any evidence of a large bird nest, the USFWS should be consulted.

The red-cockaded woodpecker has been found in Beaufort, Bladen, Camden, Craven, Dare, Duplin, Greene, Hyde, Johnston, Jones, Moore, Nash, New Hanover, Pender, Sampson, Washington, and Wilson Counties. If the project is located in one of these counties and involves the removal of a 10-inch diameter at breast height (dbh, i.e., 4.5 feet) pine tree, further review is required. Using the NCNHP Data Explorer and visual observation (important because not every cavity tree is shown in the NCNHP Data Explorer), the reviewer should determine whether there are any red-cockaded woodpecker cavities within 200 feet (the immediate foraging area around the nest) of the project site. If there is any evidence of a nest, the USFWS should be consulted.

The wood stork has been found in a small part of Bladen County. Wood storks feed in a wide variety of tidal and freshwater ecosystems, including ponds, swamps, narrow tidal creeks or shallow tidal pools, and artificial wetlands, including flooded ditches, impoundments, and large reservoirs. They nest in patches of medium to tall trees in standing water or on islands surrounded by open water. We do not anticipate any impacts, but for any sites involving wetland disturbance within two miles of previously identified wood stork habitat, as determined using the NCNHP Data Explorer, the USFWS will be consulted.

The roseate tern has been found in Dare County. Roseate terns can be found in sand flats on maritime islands and nest on small barrier islands, often at ends or breaks, in hollows, or under dense vegetation, debris or rocks. We do not anticipate any impacts, but for any sites involving beach or marine disturbance within two miles of previously identified roseate tern habitat, as determined using the NCNHP Data Explorer, the USFWS will be consulted.
The piping plover has been found in Dare, Hyde, New Hanover and Pender Counties. Piping plovers can be found in ocean beaches and island-end flats with very little grass or other vegetation and around small creeks or wetlands. We do not anticipate any impacts, but for any sites involving wetland disturbance within two miles of previously identified piping plover habitat, as determined using the NCNHP Data Explorer, the USFWS will be consulted.

The red knot has been found in Beaufort, Camden, Craven, Dare, Hyde, New Hanover, Pasquotank, Pender and Washington Counties. Red knots can be found in beaches and sand flats and nest in depressions on the ground. We do not anticipate any impacts, but for any sites involving beach or sand disturbance within two miles of previously identified red knot habitat, as determined using the NCNHP Data Explorer, the USFWS will be consulted.

**Mammals**

The West Indian manatee (Beaufort, Craven, Dare, Hyde, New Hanover, and Pender Counties) is found in aquatic habitats. For any construction that would occur in these habitats, the State would require that appropriate erosion and sedimentation control measures be implemented and maintained during construction. We do not anticipate in-stream work to occur. If it does, we will require site-specific consultation.

The northern long-eared bat (Beaufort, Bladen, Camden, Craven, Dare, Hyde, Jones, New Hanover, Pasquotank, Pender, and Washington Counties) is threatened due to impacts of white-nose syndrome. Species survival depends on protecting locations where the bat hibernates and roosts, especially during the pup season. The NCNHP Data Explorer will be used as an initial screen with site-specific consultation required for project sites located within one mile of previously identified populations of northern long-eared bat.

The red wolf (Beaufort, Dare, Hyde, and Washington Counties) is found in coastal prairie and marsh habitats; however, any habitat area in the Southeastern United States of sufficient size, providing adequate food, water, and cover could be suitable habitat. The red wolf's main threat is from human-caused mortality and habitat fragmentation. The NCNHP Data Explorer will be used as an initial screening, with site-specific consultation required for project sites located within two miles of previously identified red wolf occurrence.

**Reptiles**

Adverse impacts to the American alligator are not anticipated because this species inhabits canals and stormwater ditches and adapts to disturbed areas. We do not anticipate work to occur in canals and/or stormwater ditches. If it does, we will require site-specific consultation.

The leatherback sea turtle, Kemp’s Ridley sea turtle, green sea turtle, hawksbill sea turtle, and the loggerhead sea turtle (Beaufort, Craven, Dare, Hyde, New Hanover and Pender Counties) are found in aquatic habitats and nest on beaches. For any construction that would occur in these
habitats, the State would require that appropriate erosion and sedimentation control measures be implemented and maintained during construction. We do not anticipate in-stream or marine work to occur. If it does, we will require site-specific consultation.

**Vascular Plants**

Populations of Cooley’s meadowrue have been identified along a couple of roadsides in New Hanover and Pender Counties. Cooley’s meadowrue is a perennial herb that grows in circumneutral soils in grass-sedge bogs and wet pine savannahs and may also grow along fire plow lines, roadside ditches, woodland clearings, and powerline rights-of-way. The NCNHP Data Explorer will be used as an initial screening, with site-specific consultation required for project sites located within one mile of previously identified populations of Cooley’s meadowrue.

There are two T&E species of vascular plants in Beaufort, Craven, Hyde, and Moore Counties, three such species in Bladen County, one such species in Dare, Johnston, Nash, Sampson, and Wilson Counties, four such species in New Hanover County, and five such species in Pender County.

These plants have a variety of possible habitats throughout the counties, as shown in Table 2. The NCNHP Data Explorer will be used as the first screening tool to determine if site-specific consultation is required. Where the NCNHP Data Explorer shows a current element occurrence for any of the species listed in Table 2 within two miles of a project site, the project site will then be surveyed to determine if suitable habitat for that species may exist on the site. If potentially suitable habitat does exist, then site-specific consultation will be initiated.
The State of North Carolina is dedicated to providing disaster assistance to people in need of single-family housing as a result of the impacts of Hurricane Matthew in the 18 subject counties as quickly as possible. Due to the urgency of this matter, we ask that you please respond no later than 30 days from receipt of this letter. If you have any questions, please contact John Bock at (510) 302-6249 (john.bock@tetratech.com) or Cliff Jarman at (512) 244-2192 (clifford.jarman@tetratech.com).

Sincerely,

Daniel Herrera
Environmental Manager, CDBG Disaster Recovery
North Carolina Division of Emergency Management

cc: Michael Gagner - NCEM, Deputy Chief of Resilience
    Michael A. Sprayberry – NCEM, Director/Deputy Homeland Security Advisor

Attachments:
Table 1 - Federal Threatened and Endangered Species, 18 Counties
Table 2 – Federal Threatened and Endangered Species, Vascular Plants and Their Habitats, 18 Counties
### Table 1
Federal Threatened and Endangered Species
18 Counties (North Carolina)
Community Development Block Grant - Disaster Recovery
Tiered Environmental Assessment for Single-Family Housing Programs

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<th>Common Name and Scientific Name</th>
<th>State/Federal Status</th>
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<th>Camden</th>
<th>Craven</th>
<th>Dare</th>
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## Tiered EA of Single-Family Housing Projects
### Hurricane Matthew CDBG-DR Program

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<tr>
<td>Cape Fear Shiner (Notropis mekistocholas)</td>
<td>(E/E)</td>
</tr>
</tbody>
</table>

Sources:

USFWS. 2018. Official species list of threatened and endangered species that may occur in the 18 Counties (North Carolina). Requested by Tetra Tech via USFWS Information for Planning and Consultation (IPaC) website, July 11, 2018.

North Carolina Department of Natural and Cultural Resources, Natural Heritage Program; Natural Heritage Data Explorer [web application] available at https://www.ncnhp.org/data/species-community-search and accessed on July 11, 2018 (County Status - Current).
Table 2
State Threatened and Endangered Species
Vascular Plants and Their Habitats
18 Counties (North Carolina)
Community Development Block Grant - Disaster Recovery
Tiered Environmental Assessment for Single-Family Housing Programs

<table>
<thead>
<tr>
<th>Common Name and Scientific Name</th>
<th>Beaufort</th>
<th>Bladen</th>
<th>Camden</th>
<th>Craven</th>
<th>Dare</th>
<th>Duplin</th>
<th>Greene</th>
<th>Hyde</th>
<th>Johnston</th>
<th>Jones</th>
<th>Moore</th>
<th>Nash</th>
<th>New Hanover</th>
<th>Pasquotank</th>
<th>Pender</th>
<th>Sampson</th>
<th>Washington</th>
<th>Wilson</th>
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<tbody>
<tr>
<td>Sensitive Joint-vetch (Aeschynomene virginica)</td>
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<td>Seabeach Amaranth (Amaranthus pumilus)</td>
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<tr>
<td>Golden Sedge (Carex Lulea)</td>
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<td>Pondberry (Lindera melissifolia)</td>
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<td>Rough-leaved Loosetrife (Lysimachia asperulaefolia)</td>
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<tr>
<td>Michaux's Sumac (Rhus michauxii)</td>
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<td>American Chaffseed (Schwalbea Americana)</td>
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<tr>
<td>Cooley's Meadowrue (Thalictrum cooleyi)</td>
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</tbody>
</table>

Habitat Description
- freshwater to slightly brackish tidal marshes and wet ditches
- ocean beaches and island-end flats
- ecotones between very wet clay savannas and swamp forests
- Carolina bays and seasonally wet depressions
- longleaf pine uplands and pond pine pocosins, on moist to seasonally saturated sands and on shallow organic soils overlaying sand.
- sandhills, sandy forests, woodland, woodland edges
- savannas and moist to dryish pinelands with frequent fire
- wet savannas
Sources:
USFWS. 2018. Official species list of threatened and endangered species that may occur in the 18 Counties (North Carolina). Requested by Tetra Tech via USFWS Information for Planning and Consultation (IPaC) website, July 11, 2018.

North Carolina Department of Natural and Cultural Resources, Natural Heritage Program; Natural Heritage Data Explorer [web application] available at https://www.ncnhp.org/data/species-community-search and accessed on July 11, 2018 (County Status - Current).
Attachment 5-2. Consultation with National Marine Fisheries Service
July 16, 2018

Mr. Noah Silverman  
NEPA Coordinator  
NOAA Fisheries  
Southeast Regional Office  
263 13th Avenue South  
St. Petersburg, FL 33701

RE: Tiered Environmental Assessment of Single-Family Housing Projects  
Hurricane Matthew Community Development Block Grant - Disaster Recovery Program

Dear Mr. Silverman:

The State of North Carolina has received an allocation through a Community Development Block Grant - Disaster Recovery (CDBG-DR) from the U.S. Department of Housing and Urban Development to help fund Hurricane Matthew recovery efforts. Under the CDBG-DR funding umbrella, the State of North Carolina has established Homeowner Recovery, Small Rental Repair, and Buyout/Acquisition Programs that include actions to address unmet housing needs in areas impacted by Hurricane Matthew. As part of these programs, funding will be allocated for single-family (between 1 and 4 units, including mobile homes) housing-related activities in 18 counties (Beaufort, Bladen, Camden, Craven, Dare, Duplin, Greene, Hyde, Johnston, Jones, Moore, Nash, New Hanover, Pasquotank, Pender, Sampson, Washington, and Wilson) to assist low-to-moderate income homeowners who experienced damage to their homes from Hurricane Matthew and have remaining unmet needs. Program activities will include repair/rehabilitation, elevation, reconstruction, relocation, acquisition for buyout, acquisition for redevelopment, and reimbursement for eligible repairs. Although most projects are expected to involve repair/rehabilitation or reconstruction of homes within the previously disturbed footprints, there is the possibility of relocation of homes to previously undisturbed land.

The North Carolina Department of Public Safety, Division of Emergency Management (NCEM) is facilitating the federally required environmental reviews for the CDBG-DR single-family housing programs in these 18 counties in accordance with 24 CFR Part 58. As specified in the State of North Carolina CDBG-DR Action Plan as amended by the State of North Carolina CDBG-DR Action Plan Substantial Amendment 1, the best available data suggest that 833 homes in these counties sustained damage due to Hurricane Matthew and may seek funding through this program.
To expedite environmental assessments while complying with Part 58 and other applicable laws and regulations, NCEM seeks input from NOAA Fisheries on the need for individual NOAA Fisheries consultation concerning the following types of single-family housing unit projects:

1. Repair/rehabilitation with no substantial change in footprint on the same parcel;
2. Elevation with no substantial change in footprint on the same parcel;
3. Reconstruction/replacement with no substantial change in footprint on the same parcel;
4. Relocation on previously undisturbed land;
5. Acquisition for buyout;
6. Acquisition for redevelopment as single-family housing; and
7. Reimbursement to homeowners for previously-completed eligible repair activities.

Please let us know which of these types of projects may require site-by-site consultation with NOAA Fisheries and which would not. For example, for project types 1, 2, 3, and 7 listed above, site-specific consultation with NOAA Fisheries does not appear to be warranted because the disturbed footprint of the single-family home will not be substantially changed.

We would also appreciate any suggestions on how our environmental review could be conducted in the most efficient manner consistent with protection of the environment. For example, for types of projects that may require NOAA Fisheries consultation, please identify the specific conditions that would trigger the need for consultation with the goal of limiting the number of required consultations to the situations that warrant such consultation.
The State of North Carolina is dedicated to providing disaster assistance to people in need of single-family housing as a result of the impacts of Hurricane Matthew in the 18 subject counties as quickly as possible. Due to the urgency of this matter, we ask that you please respond no later than 30 days from receipt of this letter. If you have any questions, please contact John Bock at (510) 302-6249 (john.bock@tetratech.com) or Cliff Jarman at (512) 244-2192 (clifford.jarman@tetratech.com).

Sincerely,

[Signature]

Daniel Herrera
Environmental Manager, CDBG Disaster Recovery

cc: Michael Gagner - NCEM, Deputy Chief of Resilience
    Michael A. Sprayberry - NCEM, Director/Deputy Homeland Security Advisor
    Lyn Hardison - NCDEQ, Environmental Assistance and SEPA Coordinator
    John A. Nicholson - NCDEQ, Chief Deputy Secretary
Attachment 5-3. Consultation with North Carolina Wildlife Resources Commission
July 17, 2018

Mr. David Cox
Technical Guidance Supervisor
North Carolina Wildlife Resources Commission
1701 Mail Service Center
Raleigh, NC 27699-1701

RE: Tiered Environmental Assessment of Single-Family Housing Projects
Hurricane Matthew Community Development Block Grant - Disaster Recovery Program

Dear Mr. Cox:

The State of North Carolina has received an allocation through a Community Development Block Grant - Disaster Recovery (CDBG-DR) from the U.S. Department of Housing and Urban Development to help fund Hurricane Matthew recovery efforts. Under the CDBG-DR funding umbrella, the State of North Carolina has established Homeowner Recovery, Small Rental Repair, and Buyout/Acquisition Programs that include actions to address unmet housing needs in areas impacted by Hurricane Matthew. As part of these programs, funding will be allocated for single-family (between 1 and 4 units, including mobile homes) housing-related activities in 18 counties (Beaufort, Bladen, Camden, Craven, Dare, Duplin, Greene, Hyde, Johnston, Jones, Moore, Nash, New Hanover, Pasquotank, Pender, Sampson, Washington, and Wilson) to assist low-to-moderate income homeowners who experienced damage to their homes from Hurricane Matthew and have remaining unmet needs. Program activities will include repair/rehabilitation, elevation, reconstruction, relocation, acquisition for buyout, acquisition for redevelopment, and reimbursement for eligible repairs. Although most projects are expected to involve repair/rehabilitation or reconstruction of homes within the previously disturbed footprints, there is the possibility of relocation of homes to previously undisturbed land.

The North Carolina Department of Public Safety, Division of Emergency Management (NCEM) is facilitating the federally required environmental reviews for the CDBG-DR single-family housing programs in these 18 counties in accordance with 24 CFR Part 58. As specified in the State of North Carolina CDBG-DR Action Plan as amended by the State of North Carolina CDBG-DR Action Plan Substantial Amendment 1, the best available data suggest that 833 homes in these counties sustained damage due to Hurricane Matthew and may seek funding through this program.
To expedite environmental assessments while complying with Part 58 and other applicable laws and regulations, NCEM seeks input from the North Carolina Wildlife Resources Commission (NCWRC) on the need for individual State-listed threatened and endangered (T&E) species consultation concerning the following types of single-family housing unit projects:

1. Repair/rehabilitation with no substantial change in footprint on the same parcel;
2. Elevation with no substantial change in footprint on the same parcel;
3. Reconstruction/replacement with no substantial change in footprint on the same parcel;
4. Relocation on previously undisturbed land;
5. Acquisition for buyout;
6. Acquisition for redevelopment as single-family housing; and
7. Reimbursement to homeowners for previously-completed eligible repair activities.

Please let us know which of these types of projects may require site-by-site consultation with the NCWRC and which would not. For example, for project types 1, 2, 3, and 7 listed above, siteselective consultation with the NCWRC does not appear to be warranted because the disturbed footprint of the single-family home will not be substantially changed.

Additionally, NCEM reviewed the types of habitats for the T&E species listed in the attached Table 1. Please let us know which habitats related to these species would require site-specific consultation.

**Amphibians (Bladen, Craven, Duplin, Jones, Moore, Pender, and Sampson Counties)**

The Mabee’s salamander lives in soil near bogs, ponds, and swamps with identified occurrences in Bladen, Duplin, Jones, and Sampson Counties. The eastern tiger salamander lives in fish-free semi-permanent ponds and forages in adjacent woods, usually in sandy pinewoods with identified occurrences in Moore County. The ornate chorus frog lives in swamps, savannas, wooded ponds and pools with occurrences in Bladen, Craven and Sampson Counties. The Carolina gopher frog breeds in temporary fish-free pools and lives in sandy woods, especially pine-oak sandhills with occurrences in Pender and Sampson Counties.

For any sites that will disturb potentially suitable habitat, the North Carolina Natural Heritage Program (NCNHP) Data Explorer will be used to screen for the likelihood of Mabee’s salamander, eastern tiger salamander, dwarf salamander, four-toed salamander, Neuse River waterdog, ornate chorus frog, or Carolina gopher frog in or near the project sites. If occurrences are identified within one mile, the NCWRC will be consulted.
**Birds (Beaufort, Bladen, Camden, Craven, Dare, Hyde, Johnston, Jones, Moore, Nash, New Hanover, Pasquotank, Pender, Sampson, and Washington Counties)**

The NCWRC defers to the US Fish and Wildlife Service regarding the need for consultations regarding the bald eagle, golden eagle, red knot, piping plover, roseate tern and the red-cockaded woodpecker.

Henslow’s sparrow has been found in parts of Beaufort County. It nests in wet meadows and grasslands, but not marshes. In North Carolina, these habitats are largely human-created areas, such as cleared non-riverine swamp maintained by mowing or burning. In winter, the Henslow’s sparrow’s primary habitat includes open stands of longleaf pine with dense wiregrass that has been burned to allow for ample seeds. Some have been found in wet powerline clearings or other damp grassy fields. The NCNHP Data Explorer will be used as a screening tool, and NCWRC will be consulted if Henslow’s sparrow occurrences have been documented within two miles of the site.

The wood stork has been found in Bladen and Sampson Counties. Wood storks feed in a wide variety of tidal and freshwater ecosystems, including ponds, swamps, narrow tidal creeks or shallow tidal pools, and artificial wetlands, including flooded ditches, impoundments, and large reservoirs. They nest in patches of medium to tall trees in standing water or on islands surrounded by open water. We do not anticipate any impacts, but for any sites involving wetland disturbance within two miles of previously identified wood stork habitat, as determined using the NCNHP Data Explorer, the NCWRC will be consulted.

American peregrine falcon nests in cliffs and live in coastal ponds and mudflats with occurrences in Dare and Hyde Counties. Gull-billed tern lives in sand flats on maritime islands with occurrences in Dare, Hyde and New Hanover Counties. Caspian tern lives in sand flats on maritime islands with occurrences in Dare and Hyde Counties. Black-throated green warbler (Coastal Plain Population) lives in nonriverine wetland forests, especially where white cedar or cypress are mixed with hardwood trees with occurrences in Beaufort, Bladen, Camden, Craven, Dare, Hyde, Jones, Pasquotank and Washington Counties. Common tern lives in sand flats on maritime islands with occurrences in Dare, Hyde, New Hanover and Pender Counties.

Wilson’s plover lives in beaches, island-end flats and estuarine islands with occurrences in Dare, Hyde, New Hanover and Pender Counties. The little blue heron lives in forests or thickets on maritime islands and rarely in swamps or ponds with occurrences in Dare, Hyde, Jones, New Hanover and Pender Counties. The NCNHP Data Explorer will be used as a screening tool, and NCWRC will be consulted if American peregrine falcon, gull-billed tern, Caspian tern, black-throated green warbler, or common tern occurrences have been documented within two miles of the site.
Freshwater Bivalves (Bladen, Craven, Johnston, Jones, Moore, Nash, Pender, Sampson, Washington and Wilson Counties)

State T&E freshwater bivalve species (listed for Bladen, Craven, Johnston, Jones, Moore, Nash, Pender, Sampson, Washington and Wilson Counties in Table 1) could potentially be adversely impacted if a project involves any clearing and/or land disturbance within 100 feet of a perennial freshwater stream. In these instances, the NCNHP Data Explorer element occurrence data would be reviewed to determine if there have been any occurrences of any State T&E freshwater bivalve species within a distance of one mile upstream or one mile downstream within the impacted stream. If so, the NCWRC should be consulted to determine the need for species surveys and/or mitigative actions.

Freshwater Fish

These species are found in aquatic habitats. For any construction that would occur in these habitats, the State would require that appropriate erosion and sedimentation control measures be implemented and maintained during construction. We do not anticipate in-stream work to occur; if it does, we will require a site-specific consultation.

Freshwater or Terrestrial Gastropods (New Hanover County)

The Cape Fear threetooth is endemic to the extreme southeast corner of the state, including New Hanover County. It lives in forested wetland and scrub-shrub wetland, particularly around longs and under litter. We do not anticipate any impacts, but for any sites involving wetland disturbance within two miles of previously identified Cape Fear threetooth habitat, as determined from the NCNHP Data Explorer, the NCWRC will be consulted.

Mammals (Beaufort, Bladen, Camden, Craven, Dare, Hyde, Jones, New Hanover, Pasquotank, Pender and Washington Counties)

The West Indian Manatee (Beaufort, Craven, Dare, Hyde, Jones, New Hanover and Pender Counties) is found in aquatic habitats. For any construction that would in these habitats, the State would require that appropriate erosion and sedimentation control measures be implemented and maintained during construction. We do not anticipate in-stream work to occur; if it does, we will require a site-specific consultation.

The northern long-eared bat (Bladen, Camden, Dare, New Hanover, Pasquotank, Pender and Washington Counties) is threatened due to impacts of white-nose syndrome. The Rafinesque's big-eared bat (Washington County) roosts in caves, mines, and hollow trees near water and are threatened due to habitat loss, primarily loss of swampland forests. Species survival depends on protecting locations where the bat hibernates and roosts, especially during the pup season. NCNHP Data Explorer will be used as an initial screen with site-specific consultation required for project sites located within one mile of previously identified populations of northern long-eared bat and Rafinesque's big-eared bat.
The eastern woodrat lives in forests, mainly in moist areas, with occurrences in Jones, New Hanover and Pender Counties. NCNHP Data Explorer will be used as an initial screening, with site-specific consultation required for project sites located within one mile of previously identified populations of eastern woodrat.

Reptiles (Beaufort, Bladen, Craven, Dare, Duplin, Hyde, Jones, Moore, New Hanover, Pender, Sampson, and Washington Counties)

Adverse impacts to the American alligator are not anticipated because this species inhabits canals and stormwater ditches and adapts to disturbed areas. If construction will occur in canals and/or stormwater ditches, we will require a site-specific consultation.

Eastern diamondback rattlesnakes can be found in sandy pine flatwoods in southeastern North Carolina, including portions of Bladen, Craven and Pender Counties. Southern hognose snakes can be found in sandy woods, particularly pine-oak sandhills, with occurrences in Bladen, Duplin, Moore, New Hanover, Pender and Sampson Counties. Eastern cornsnakes can be found in pine-oak sandhills, sandy flatwoods, and maritime forests, with occurrences in Bladen, New Hanover, Pender and Sampson Counties. Northern pinesnakes can be found in dry and sandy woods, mainly in pine-oak sandhills with occurrences in Moore County. NCNHP Data Explorer will be used as an initial screening, with site-specific consultation required for project sites located within one mile of previously occurrences of the eastern diamondback rattlesnake, the southern hognose snake, the eastern cornsnake, or the northern pinesnake.

The leatherback sea turtle, Kemp’s ridley sea turtle, green sea turtle, and the loggerhead sea turtle (Beaufort, Dare, Hyde, New Hanover and Pender Counties) are found in aquatic habitats and nests on beaches. For any construction that would occur, the State would require that appropriate erosion and sedimentation control measures be implemented and maintained during construction. We do not anticipate in-stream or marine work to occur; if it does, we will require a site-specific consultation.

Vascular Plants (Bertie and Columbus Counties)

There are 3 threatened or endangered species of vascular plants in Beaufort County, 20 such species in Bladen County, 1 such species in Camden and Duplin Counties, 18 such species in Craven County, 16 such species in Dare County, 10 such species in Hyde County, 4 such species in Johnston County, 9 such species in Jones County, 19 such species in Moore County, 2 such species in Nash County, 35 such species in New Hanover County, 49 such species in Pender County, 7 such species in Sampson County, and 5 such species in Washington County.

These plants have a variety of possible habitats throughout the counties, as shown in the attached Table 2. The NCNHP Data Explorer will be used as the first screening tool to determine if site-
specific consultation is required. Where the NCNHP Data Explorer shows a current element occurrence for any of the species listed in Table 2 within two miles of a project site, the project site will then be surveyed to determine if suitable habitat for that species may exist on the site. If potentially suitable habitat does exist, then a site-specific consultation with NCWRC will be initiated.

The State of North Carolina is dedicated to providing disaster assistance to people in need of single-family housing as a result of the impacts of Hurricane Matthew in the 18 subject counties as quickly as possible. Due to the urgency of this matter, we ask that you please respond no later than 30 days from receipt of this letter. If you have any questions, please contact John Bock at (510) 302-6249 (john.bock@tetratech.com) or Cliff Jarman at (512) 244-2192 (clifford.jarman@tetratech.com).

Sincerely,

Daniel Herrera
Environmental Manager, CDBG Disaster Recovery
North Carolina Division of Emergency Management

cc: Michael Gagner - NCEM, Deputy Chief of Resilience
   Lyn Hardison - NCDEQ, Environmental Assistance and SEPA Coordinator
   Michael A. Sprayberry – NCEM, Director/Deputy Homeland Security Advisor

Attachments:
Table 1 - State Threatened and Endangered Species, 18 Counties
Table 2 - State Threatened and Endangered Species; Vascular Plants and their Habitats; Bertie, Columbus, Lenoir, & Pitt Counties
Table 1
State Threatened and Endangered Species
18 Counties (North Carolina)
Community Development Block Grant - Disaster Recovery
Tiered Environmental Assessment for Single-Family Housing Programs

<table>
<thead>
<tr>
<th>Common Name (State/Federal Status)</th>
<th>Beaufort</th>
<th>Bladen</th>
<th>Camden</th>
<th>Craven</th>
<th>Dare</th>
<th>Duplin</th>
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<td>Carolina Gopher Frog (E/FSC)</td>
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Source: North Carolina Department of Natural and Cultural Resources, Natural Heritage Program; Natural Heritage Data Explorer [web application] available at https://www.ncnhp.org/data/species-community-search and accessed on July 11, 2018 (County Status - Current).
### Table 2
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Vascular Plants and Their Habitats
18 Counties (North Carolina)
Community Development Block Grant - Disaster Recovery
Tiered Environmental Assessment for Single-Family Housing Programs

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<tr>
<td>Freshwater to slightly brackish tidal marshes and wet ditches</td>
<td>Savannas and depression pond shores</td>
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<td>Mesic to moist terraces along blackwater streams and ecotones between pocosins and savannas</td>
<td>Thin soils around rock outcrops, usually on basic soil</td>
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<td>Wet savannas</td>
<td>Bay rims with xeric pine-oak scrub</td>
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Habitat Description:
- Shallow ponds, marshes, natural lakes, and tidal creeks
- Savannas
- Open woodlands, clearings
- Glades, open forests, streambanks, probably primarily over mafic or calcareous rocks
- Savannas
- Floodplains
- Seepage slopes, wet seepy powerlines
- Ecotones between very wet clay savannas and swamp forests
- Swamps, open wet areas
- Xeric sandhills
- Wet marl forests
- Blackwater bottomlands over marl
- Rock ledges near blackwater streams and disturbed pine-oak uplands
- Wet marl forests
- Sandhills, pinelands, dry savannas
- Maritime forests
- Maritime forests
- Coastal fringe sandhill
- Limesink ponds
- Calcareous rock outcrops
| Common Name              | Beaufort | Bladen | Camden | Craven | Dare | Duplin | Greene | Hyde | Johnston | Jones | Moore | Nash | New Hanover | Pasquotank | Pender | Sampson | Washington | Wilson |
|--------------------------|----------|--------|--------|--------|------|--------|--------|------|----------|-------|-------|------|------------|------------|--------|---------|----------|-----------|------|
| Blue Witch Grass         |          | 1      |        | 1      |      |        |        |      |          |       |       | 1    |             |            |        |         |          |           |      |
| Salt-meadow Grass        |          | 1      |        | 1      |      |        |        |      |          |       |       |      |             |            |        |         |          |           |      |
| Gulfcoast Spikerush      | 1        |        | 1      |        |      |        |        |      | 1        |       |       |      |             |            |        |         |          |           |      |
| Viviparous Spikerush     | 1        | 1      |        | 1      |      |        | 1      |      | 1        | 1     |       |      |             |            |        |         |          |           |      |
| Green Fly Orchid         |          |        | 1      |        |      | 1      |        |      | 1        |       |       |      |             |            |        |         |          |           |      |
| Estuary Pipewort         | 1        |        |        |        |      |        |        |      |          |       |       |      |             |            |        |         |          |           |      |
| Coralbean                |          |        |        |        | 1    |        |        |      |          |       |       |      |             |            |        |         |          |           |      |
| Limesink Dog-fennel      |          |        |        |        |      |        |        |      | 1        |       |       |      |             |            |        |         |          |           |      |
| Heartleaf Sandmat        | 1        |        |        |        |      |        |        |      |          |       |       |      |             |            |        |         |          |           |      |
| Sandhills Blanket-flower |          |        |        |        |      |        |        |      |          |       |       |      |             |            |        |         |          |           |      |
| Confederate Huckleberry  |          |        |        |        |      |        |        |      |          |       |       |      |             |            |        |         |          |           |      |
| Indian Physic            |          |        |        |        |      |        |        |      |          |       |       |      |             |            |        |         |          |           |      |
| Florida Sunflower        |          | 1      |        |        |      |        |        |      |          |       |       |      |             |            |        |         |          |           |      |
| Comfortroot              |          |        |        |        |      |        |        |      | 1        |       |       |      |             |            |        |         |          |           |      |
| Sand Heather             |          |        |        |        |      |        |        |      |          |       |       |      |             |            |        |         |          |           |      |
| Waccamaw River Spiderlily|          |        |        |        |      |        |        |      |          |       |       |      |             |            |        |         |          |           | 1    |
| Peelbark St. John's-wort |          |        |        |        |      |        |        |      |          |       |       |      |             |            |        |         |          |           | 1    |
| Beach Morning-glory      |          |        |        |        |      |        |        |      |          |       |       |      |             |            |        |         |          |           | 1    |

- **Habitat Description**
  - Maritime grasslands and wet savannas with a calcareous influence
  - Fresh to brackish tidal marshes
  - Interdune ponds, brackish marshes & tidal freshwater marshes
  - Bogs and pools
  - Epiphytic on trees in blackwater river swamps
  - Natural lakes
  - Maritime forests
  - Limesink ponds and clay-based Carolina bays
  - Sandhills
  - Dry sandy roadides, dry longleaf pine-oak uplands
  - Coastal fringe sandhill
  - Forests and open woods, mainly over mafic rocks
  - Savannas and pocosins
  - Bay forests, sand ridges, and roadsides
  - Openings in maritime forest, blowouts, and dunes
  - Banks of blackwater rivers
  - Beaver ponds, low pinelands, pools
  - Sea beaches and foredunes
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Habitat Description:
- emergent riverbanks, calcareous influenced riverbanks
- depression ponds and ditches
- barren dunefields with *Hudsonia tomentosa*
- sandhills, savannas
- streamhead pocosin ecotones and openings
- tidal marshes
- Carolina bays and seasonally wet depressions
- pine savannas
- seeps, bay swamps
- depression ponds and meadows and clay-based cypress savannas
- very wet, mucky habitats in pine savannas
- interdune ponds, open wet areas
- limesink ponds
- savannas, swamps, marshes, wet open places
- bags, pools, and lake shores
- limesink ponds, clay-based Carolina bays
- pocosin/savanna ecotones, pocosins
| Common Name                  | Beaufort | Bladen | Camden | Craven | Dare | Duplin | Greene | Hyde | Johnston | Jones | Moore | Nash | New Hanover | Pasquotank | Pender | Sampson | Washington | Wilson |
|-----------------------------|----------|--------|--------|--------|------|--------|--------|------|----------|-------|-------|------|-------------|------------|--------|---------|------------|----------|--------|
| Carolina Bogmint            |          |        |        | 1      |      |        |        |      |          |       |       |      |             |            |        |         |            |          |        |
| Godfrey’s Sandwort          |          |        |        | 1      |      |        |        |      |          |       |       |      |             |            |        |         |            |          |        |
| Loose Water-milfoil         |          |        |        |        |      |        |        |      |          |       |       |      |             |            |        |         |            |          |        |
| Leafless Water-milfoil      | 1        |        |        |        |      |        |        |      |          |       |       |      |             |            |        |         |            |          |        |
| Northern Rattlesnake-root   |          |        |        |        |      |        |        |      |          |       |       |      |             |            | 1      |         |            |          |        |
| Spiked Medusa               |          |        |        |        |      |        |        |      | 1        |       |       |      |             |            |        |         |            |          |        |
| Carolina Grass-of-Parnassus | 1        |        |        |        |      |        |        |      |          |       |       |      |             |            | 1      |         |            |          |        |
| Large-leaved Grass-of-      |          |        |        |        |      |        |        |      |          |       |       |      |             |            |        |         |            |          |        |
|  Parnassus                  |          |        |        |        |      |        |        |      |          |       |       |      |             |            |        |         |            |          |        |
| Mudbank Crown Grass         | 1        |        |        |        |      |        |        |      | 1        |       |       |      |             |            | 1      |         |            |          |        |
| Hairy Smartweed             |          |        |        |        |      |        |        |      |          |       |       |      |             |            |        |         |            |          |        |
| Small Butterwort            |          |        |        |        |      |        |        |      | 1        |       |       |      |             |            |        |         |            |          |        |
| Pineland Plantain           |          |        |        |        |      |        |        |      |          |       |       |      |             |            |        |         |            |          |        |
| Snowy Orchid                |          |        |        |        |      | 1      |        |      |          | 1     |       |      |             |            | 1      |         |            |          |        |
| Seabeach Knotweed           |          |        |        |        |      |        |        |      |          | 1     |       |      |             |            | 1      |         |            |          |        |
| Shadow-witch                |          |        |        |        |      |        |        |      |          | 1     |       |      |             |            |        |         |            |          |        |
| Ribbed Bishop-weed          |          |        |        |        |      |        |        |      |          | 1     |       |      |             |            |        |         |            |          |        |
| Michaux’s Sumac             |          |        |        |        |      |        |        |      |          |        | 1     |      |             |            |        |         |            | 1        |        |

<p>| Habitat Description         |          |        |        |        |      |        |        |      |          |       |       |      |             |            |        |         |            |          |        |
| blackwater swamps, savanna/pocosin ecotones, ditches |          |        |        |        |      |        |        |      |          |       |       |      |             |            |        |         |            |          |        |
| tidal freshwater marshes    |          |        |        |        |      |        |        |      |          |       |       |      |             |            |        |         |            |          |        |
| limesink ponds, waters of natural lakes |          |        |        |        |      |        |        |      |          |       |       |      |             |            |        |         |            |          |        |
| waters of natural lakes     |          |        |        |        |      |        |        |      | 1        |       |       |      |             |            |        |         |            |          |        |
| hardwood forests            |          |        |        |        |      |        |        |      |          |       |       |      |             |            |        |         |            |          |        |
| Mesic pinelands with blackjack oak sandhills, and dry-mesic to mesic longleaf pinelands. |          |        |        |        |      |        |        |      |          |       |       |      |             |            |        |         |            |          |        |
| wet savannas                |          |        |        |        |      |        |        |      |          |       |       |      |             |            |        |         |            |          |        |
| fens and seeps over calcareous or mafic rocks |          |        |        |        |      |        |        |      |          |       |       |      |             |            |        |         |            |          |        |
| mudflats, other open wet areas |          |        |        |        |      |        |        |      |          |       |       |      |             |            |        |         |            |          |        |
| limesink ponds, clay-based Carolina bays, drawdown zones of blackwater riverbanks |          |        |        |        |      |        |        |      |          |       |       |      |             |            |        |         |            |          |        |
| savannas                    |          |        |        |        |      |        |        |      |          |       |       |      |             |            |        |         |            |          |        |
| wet savannas                |          |        |        |        |      |        |        |      |          |       |       |      |             |            |        |         |            |          |        |
| ocean and sound beaches     |          |        |        |        |      |        |        |      |          |       |       |      |             |            |        |         |            |          |        |
| blackwater forests and swamps, especially over marl |          |        |        |        |      |        |        |      |          |       |       |      |             |            |        |         |            |          |        |
| tidal swamps or marshes     |          |        |        |        |      |        |        |      |          |       |       |      |             |            |        |         |            |          |        |
| sandhills, sandy forests, woodland, woodland edges |          |        |        |        |      |        |        |      |          |       |       |      |             |            |        |         |            |          |        |</p>
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**Habitat Description**
- **clay-based Carolina bays, limesink ponds**
- **alluvial forests**
- **diabase glades**
- **maritime forests and scrub**
- **savannas, pocosin borders, clay-based Carolina bays, peaty seeps**
- **dry savannas and mesic flats**
- **edges and openings in maritime upland forests**
- **pine savannas and pine-oak sandhills**
- **savannas**
- **clay-based Carolina bays, pineland pools**
- **wet savannas**
- **rich woods on circumneutral soils**
- **dry pine and oak woods, sandy roadsides**
- **open woods and clearings**
- **ecotones between savannas and nonriverine wet hardwood forests, over marl**
- **mesic to swampy hardwood forests**
- **rich blackwater and brownwater levee forests**
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Source: North Carolina Department of Natural and Cultural Resources, Natural Heritage Program; Natural Heritage Data Explorer [web application] available at https://www.ncnhp.org/data/species-community-search and accessed on July 11, 2018 (County Status - Current).
Exhibit 6
Wild and Scenic Rivers

Attachment 6-1. Consultation with National Park Service

Attachment 6-2. Consultation with North Carolina Division of Parks and Recreation

Wild and Scenic Rivers map

Table 6-1. Wild and Scenic Rivers, Greene County, North Carolina
Attachment 6-1. Consultation with the National Park Service
Mr. Bock--

Thanks for reaching out. I have reviewed the letter, and I concur with the conclusion that no further coordination nor formal consultation with the NPS is required. Should the setting or extent of any of these projects change, such that they would affect a federal Wild and Scenic River or an NRI river segment, please don't hesitate to reach back out.

Best regards,
Jeff Duncan

Jeffrey R. Duncan, PhD
National Park Service-Southeast Region
Science and Natural Resources Division
Fisheries and Aquatic Resources

100 West Martin Luther King, Jr. Blvd
Suite 215
Chattanooga, TN 37402
423-987-6127

On Tue, Jul 17, 2018 at 10:20 PM, Bock, John <John.Bock@tetratech.com> wrote:

Mr. Duncan, on behalf of Dan Herrera, please find attached a programmatic consultation letter that addresses single-family housing projects proposed for Community Development Block Grant – Disaster Recovery funding in 18 North Carolina counties (Beaufort, Bladen, Camden, Craven, Dare, Duplin, Greene, Hyde, Johnston, Jones, Moore, Nash, New Hanover, Pasquotank, Pender, Sampson, Washington, and Wilson). Thank you.

John R. Bock | Senior Environmental Scientist
Main: 510.302.6300 | Fax: 510.433.0830
john.bock@tetratech.com

Tetra Tech | Complex World, Clear Solutions
1999 Harrison Street, Suite 500 | Oakland, CA 94612
July 16, 2018

Jeffrey R. Duncan, PhD
National Park Service, Southeast Region
100 West Martin Luther King, Jr. Boulevard, Suite 215
Chattanooga, TN 37402

RE: Tiered Environmental Assessment of Single-Family Housing Projects
Hurricane Matthew Community Development Block Grant - Disaster Recovery Program

Dear Dr. Duncan:

The State of North Carolina has received an allocation through a Community Development Block Grant - Disaster Recovery (CDBG-DR) from the U.S. Department of Housing and Urban Development to help fund Hurricane Matthew recovery efforts. Under the CDBG-DR funding umbrella, the State of North Carolina has established Homeowner Recovery, Small Rental Repair, and Buyout/Acquisition Programs that include actions to address unmet housing needs in areas impacted by Hurricane Matthew. As part of these programs, funding will be allocated for single-family (between 1 and 4 units, including mobile homes) housing-related activities in 18 counties (Beaufort, Bladen, Camden, Craven, Dare, Duplin, Greene, Hyde, Johnston, Jones, Moore, Nash, New Hanover, Pasquotank, Pender, Sampson, Washington, and Wilson) to assist low-to-moderate income homeowners who experienced damage to their homes from Hurricane Matthew and have remaining unmet needs. Program activities will include repair/rehabilitation, elevation, reconstruction, relocation, acquisition for buyout, acquisition for redevelopment, and reimbursement for eligible repairs. Although most projects are expected to involve repair/rehabilitation or reconstruction of homes within the previously disturbed footprints, there is the possibility of relocation of homes to previously undisturbed land.

The North Carolina Department of Public Safety, Division of Emergency Management (NCEM) is facilitating the federally-required environmental reviews for the CDBG-DR single-family housing programs in these 18 counties in accordance with 24 CFR Part 58. As specified in the State of North Carolina CDBG-DR Action Plan as amended by the State of North Carolina CDBG-DR Action Plan Substantial Amendment 1, the best currently available data suggest that 833 homes in these 18 counties sustained major to severe damage due to Hurricane Matthew and may seek funding through this program.

To expedite environmental assessments while complying with Part 58 and other applicable laws and regulations, NCEM seeks input from the National Park Service (NPS) on the need for individual consultation concerning the following types of single-family housing unit projects:
1. Repair/rehabilitation with no substantial change in footprint on the same parcel;
2. Elevation with no substantial change in footprint on the same parcel;
3. Reconstruction/replacement with no substantial change in footprint on the same parcel;
4. Relocation on previously undisturbed land;
5. Acquisition for buyout;
6. Acquisition for redevelopment as single-family housing; and
7. Reimbursement to homeowners for previously completed eligible repair activities.

The single-family housing project types listed above will not involve water resource projects or any work on or directly affecting any Federal Wild and Scenic River, State Natural or Scenic River, or river segment on the Nationwide Rivers Inventory (NRI). The proposed activities will be confined to residential lots and activities that will not disturb the beds or banks of these rivers. Any activities occurring adjacent to such rivers or river segments will be subject to best practices, specifically “All construction activities occurring on or adjacent to a federally designated Wild and Scenic River or on a river listed on the Nationwide Rivers Inventory should take care to avoid any unnecessary clearing of native riparian vegetation such that local scenery remains intact. Further, for all projects where construction derived runoff has the potential to enter the waterway, appropriate sediment control measures should be required. Sediment control measures can include, but are not limited to, the use of straw bales and silt fences.” The projects also would use erosion and sedimentation controls during construction and after completion of the work at project sites where vegetation removal or land disturbance is planned within 100 feet of the bank of any protected river section.

Therefore, we do not believe that NPS coordination or consultation is required for the site-specific environmental reviews. If you agree, please provide your concurrence with this conclusion. If you envision situations that might warrant NPS consultation (or coordination), please identify the specific conditions that would trigger the need for such consultation.
The State of North Carolina is dedicated to providing disaster assistance to people in need of single-family housing as a result of the impacts of Hurricane Matthew in these 18 counties as quickly as possible. Due to the urgency of this matter, we ask that you please respond no later than 30 days from receipt of this letter. If you have any questions, please contact John Bock at (510) 302-6249 (john.bock@tetratech.com) or Cliff Jarman at (512) 244-2192 (clifford.jarman@tetratech.com).

Sincerely,

Daniel Herrera
Environmental Manager, CDBG Disaster Recovery

cc:  Michael Gagner - NCEM, Deputy Chief of Resilience
     Michael A. Sprayberry – NCEM, Director/Deputy Homeland Security Advisor
     Lyn Hardison - NCDEQ, Environmental Assistance and SEPA Coordinator
     John A. Nicholson – NCDEQ, Chief Deputy Secretary
Attachment 6-2. Consultation with North Carolina Division of Parks and Recreation
July 18, 2018

Daniel Herrera  
Environmental Manager  
CDBG Disaster Recovery  
4218 Mail Service Center  
Raleigh, NC 27699-4218

Dear Mr. Herrera:

I am responding to your request for information regarding the CDBG-DR environmental assessment efforts in Beaufort, Bladen, Camden, Craven, Dare, Duplin, Greene, Hyde, Johnston, Jones, Moore, Nash, New Hanover, Pasquotank, Pender, Sampson, Washington and Wilson counties. Based on the information in your letter concerning the different types of single-family housing unit projects, the North Carolina Division of Parks and Recreation (DPR) concurs that site-specific consultation will not be required for these projects. However, it is important to note that while DPR does not believe any impacts to State Park Land or Management Areas will be affected by this project, DPR does manage several properties within these counties, including State Parks, State Natural Area and State Trails and if potential impacts were to occur we would require further consultation.

If you need further information please let me know.

Sincerely,

Justin Williamson  
Environmental Review Coordinator  
North Carolina Division of Parks and Recreation  
(919) 707-9329 / justin.williamson@ncparks.gov
July 16, 2018

Justin Williamson
Environmental Review Coordinator
North Carolina Division of Parks and Recreation
1615 Mail Service Center
Raleigh, NC 27699-1615

RE: Tiered Environmental Assessment of Single-Family Housing Projects
Hurricane Matthew Community Development Block Grant - Disaster Recovery Program

Dear Mr. Williamson:

The State of North Carolina has received an allocation through a Community Development Block Grant - Disaster Recovery (CDBG-DR) from the U.S. Department of Housing and Urban Development to help fund Hurricane Matthew recovery efforts. Under the CDBG-DR funding umbrella, the State of North Carolina has established Homeowner Recovery, Small Rental Repair, and Buyout/Acquisition Programs that include actions to address unmet housing needs in areas impacted by Hurricane Matthew. As part of these programs, funding will be allocated for single-family (between 1 and 4 units, including mobile homes) housing-related activities in 18 counties (Beaufort, Bladen, Camden, Craven, Dare, Duplin, Greene, Hyde, Johnston, Jones, Moore, Nash, New Hanover, Pasquotank, Pender, Sampson, Washington, and Wilson) to assist low-to-moderate income homeowners who experienced damage to their homes from Hurricane Matthew and have remaining unmet needs. Program activities will include repair/rehabilitation, elevation, reconstruction, relocation, acquisition for buyout, acquisition for redevelopment, and reimbursement for eligible repairs. Although most projects are expected to involve repair/rehabilitation or reconstruction of homes within the previously disturbed footprints, there is the possibility of relocation of homes to previously undisturbed land.

The North Carolina Department of Public Safety, Division of Emergency Management (NCEM) is facilitating the federally-required environmental reviews for the CDBG-DR single-family housing programs in these 18 counties in accordance with 24 CFR Part 58. As specified in the State of North Carolina CDBG-DR Action Plan as amended by the State of North Carolina CDBG-DR Action Plan Substantial Amendment 1, the best currently available data suggest that 833 homes in these counties sustained major to severe damage due to Hurricane Matthew and may seek funding through this program.

To expedite environmental assessments while complying with Part 58 and other applicable laws and regulations, NCEM seeks input from the North Carolina Division of Parks & Recreation
(NC State Parks) on the need for individual consultation concerning the following types of single-family housing unit projects:

1. Repair/rehabilitation with no substantial change in footprint on the same parcel;
2. Elevation with no substantial change in footprint on the same parcel;
3. Reconstruction/replacement with no substantial change in footprint on the same parcel;
4. Relocation on previously undisturbed land;
5. Acquisition for buyout;
6. Acquisition for redevelopment as single-family housing; and
7. Reimbursement to homeowners for previously completed eligible repair activities.

The single-family housing project types listed above will not involve water resource projects or any work on or directly affecting any Federal Wild and Scenic River, State Natural or Scenic River, or river segment on the Nationwide Rivers Inventory (NRI). The proposed activities will be confined to residential lots and activities that will not disturb the beds or banks of these rivers. Any activities occurring adjacent to such rivers or river segments will be subject to best practices, specifically “All construction activities occurring on or adjacent to a federally designated Wild and Scenic River or on a river listed on the Nationwide Rivers Inventory should take care to avoid any unnecessary clearing of native riparian vegetation such that local scenery remains intact. Further, for all projects where construction derived runoff has the potential to enter the waterway, appropriate sediment control measures should be required. Sediment control measures can include, but are not limited to, the use of straw bales and silt fences.” The projects also would use erosion and sedimentation controls during construction and after completion of the work at project sites where vegetation removal or land disturbance is planned within 100 feet of the bank of any protected river section.

Therefore, we do not believe that NC State Parks coordination or consultation is required for the site-specific environmental reviews. If you agree, please provide your concurrence with this conclusion. If you envision situations that might warrant NC State Parks consultation (or coordination), please identify the specific conditions that would trigger the need for such consultation.
The State of North Carolina is dedicated to providing disaster assistance to people in need of single-family housing as a result of the impacts of Hurricane Matthew in these 18 counties as quickly as possible. Due to the urgency of this matter, we ask that you please respond no later than 30 days from receipt of this letter. If you have any questions, please contact John Bock at (510) 302-6249 (john.bock@tetratech.com) or Cliff Jarman at (512) 244-2192 (clifford.jarman@tetratech.com).

Sincerely,

Daniel Herrera
Environmental Manager, CDBG Disaster Recovery

cc: Michael Gagner - NCEM, Deputy Chief of Resilience
Michael A. Sprayberry – NCEM, Director/Deputy Homeland Security Advisor
Lyn Hardison - NCDEQ, Environmental Assistance and SEPA Coordinator
John A. Nicholson – NCDEQ, Chief Deputy Secretary
Legend

- Designated Wild and Scenic Rivers
- National Rivers Index
- Declared Disaster Area Counties
- North Carolina Counties

Wild and Scenic Rivers

Source: National Wild and Scenic Rivers System (Rivers.gov) and the National Park Service
Table 6-1
Wild and Scenic Rivers, Greene County

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</tr>
<tr>
<td></td>
<td>North Carolina Natural and Scenic River</td>
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<tr>
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<tr>
<td></td>
<td>Nationwide Rivers Inventory</td>
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<tr>
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<td></td>
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</tbody>
</table>

*Source: US Department of the Interior, National Park Service, Nationwide Rivers Inventory, North Carolina State Parks, State Rivers*
Exhibit 7
Air Quality

Attachment 7-1. Consultation with North Carolina Department of Environmental Quality, Division of Air Quality

Nonattainment Areas map

EPA Radon Zones map
Attachment 7-1. Consultation with North Carolina Department of Environmental Quality, Division of Air Quality
July 16, 2018

Mr. Michael Abraczinskas  
Director  
Division of Air Quality  
North Carolina Department of Environmental Quality  
1641 Mail Service Center  
Raleigh, NC 27699-1641  

RE: Tiered Environmental Assessment of Single-Family Housing Projects  
Hurricane Matthew Community Development Block Grant - Disaster Recovery Program

Dear Mr. Abraczinskas:

The State of North Carolina has received an allocation through a Community Development Block Grant - Disaster Recovery (CDBG-DR) from the U.S. Department of Housing and Urban Development to help fund Hurricane Matthew recovery efforts. Under the CDBG-DR funding umbrella, the State of North Carolina has established Homeowner Recovery, Small Rental Repair, and Buyout/Acquisition Programs that include actions to address unmet housing needs in areas impacted by Hurricane Matthew. As part of these programs, funding will be allocated for single-family (between 1 and 4 units, including mobile homes) housing-related activities in 18 counties (Beaufort, Bladen, Camden, Craven, Dare, Duplin, Greene, Hyde, Johnston, Jones, Moore, Nash, New Hanover, Pasquotank, Pender, Sampson, Washington, and Wilson) to assist low-to-moderate income homeowners who experienced damage to their homes from Hurricane Matthew and have remaining unmet needs. Program activities will include repair/rehabilitation, elevation, reconstruction, relocation, acquisition for buyout, acquisition for redevelopment, and reimbursement for eligible repairs. Although most projects are expected to involve repair/rehabilitation or reconstruction of homes within the previously disturbed footprints, there is the possibility of relocation of homes to previously undisturbed land.

The North Carolina Department of Public Safety, Division of Emergency Management (NCEM) is facilitating the federally required environmental reviews for the CDBG-DR single-family housing programs in these 18 counties in accordance with 24 CFR Part 58. As specified in the State of North Carolina CDBG-DR Action Plan as amended by the State of North Carolina CDBG-DR Action Plan Substantial Amendment 1, the best available data suggest that 833 homes in these counties sustained damage due to Hurricane Matthew and may seek funding through this program.
To expedite environmental assessments while complying with Part 58 and other applicable laws and regulations, NCEM seeks to provide the NCDEQ Division of Air Quality with notice of the program and to obtain written confirmation from that the proposed activities will be in compliance with Federal and North Carolina air quality standards for the following types of single-family housing unit projects:

1. Repair/rehabilitation with no substantial change in footprint on the same parcel;
2. Elevation with no substantial change in footprint on the same parcel;
3. Reconstruction/replacement with no substantial change in footprint on the same parcel;
4. Relocation on previously undisturbed land;
5. Acquisition for buyout;
6. Acquisition for redevelopment as single-family housing; and
7. Reimbursement to homeowners for previously completed eligible repair activities.

NCEM anticipates that the actions of the program will conform to the State Implementation Plan because they are not anticipated to:

1. Cause or contribute to a new violation of any existing standard in any area;
2. Increase the frequency or severity of any existing violation of any standard in any area; or
3. Delay timely attainment of any standard or any required interim emission reduction or other milestones in any area.

Mitigation measures, such as dust suppression, covering haul loads, washing vehicles, street sweeping, vehicle idling reduction, and spill mitigation measures, among others, are examples of best management practices that may be implemented during program activities. NCEM anticipates a Finding of No Significant Impact (FONSI) for these actions.

We would also appreciate any suggestions on how our environmental review could be conducted in the most efficient manner consistent with protection of the environment. For example, please identify any other standard practices that would help avoid triggering the need for additional review by the Division of Air Quality.

NCEM is requesting a comprehensive response letter addressing all seven project types for all 18 counties to document completion of coordination with the Division of Air Quality and compliance with Federal and State air quality standards.
The State of North Carolina is dedicated to providing disaster assistance to people in need of single-family housing as a result of the impacts of Hurricane Matthew in the 18 subject counties as quickly as possible. Due to the urgency of this matter, we ask that you please respond no later than 30 days from receipt of this letter. If you have any questions, please contact John Bock at (510) 302-6249 (john.bock@tetratech.com) or Cliff Jarman at (512) 244-2192 (clifford.jarman@tetratech.com).

Sincerely,

Daniel Herrera
Environmental Manager, CDBG Disaster Recovery

cc: Michael Gagner - NCEM, Deputy Chief of Resilience
Michael A. Sprayberry – NCEM, Director/Deputy Homeland Security Advisor
Lyn Hardison - NCDEQ, Environmental Assistance and SEPA Coordinator
John A. Nicholson – NCDEQ, Chief Deputy Secretary
EPA Radon Zones

- **Zone 1** – Highest Potential (greater than 4 pCi/L)
- **Zone 2** – Moderate Potential (from 2 to 4 pCi/L)
- **Zone 3** – Low Potential (less than 2 pCi/L)

Source: US Environmental Protection Agency
Exhibit 8
Farmland Protection

Attachment 8-1. Consultation with Natural Resources Conservation Service
Attachment 8-1. Consultation with Natural Resources Conservation Service
July 16, 2018

Timothy A. Beard
State Conservationist
USDA Natural Resources Conservation Service
4407 Bland Rd., Suite 117
Raleigh, NC 27609

RE: Tiered Environmental Assessment of Single-Family Housing Projects
Hurricane Matthew Community Development Block Grant - Disaster Recovery Program

Dear Mr. Beard:

The State of North Carolina has received an allocation through a Community Development Block Grant - Disaster Recovery (CDBG-DR) from the U.S. Department of Housing and Urban Development to help fund Hurricane Matthew recovery efforts. Under the CDBG-DR funding umbrella, the State of North Carolina has established Homeowner Recovery, Small Rental Repair, and Buyout/Acquisition Programs that include actions to address unmet housing needs in areas impacted by Hurricane Matthew. As part of these programs, funding will be allocated for single-family (between 1 and 4 units, including mobile homes) housing-related activities in 18 counties (Beaufort, Bladen, Camden, Craven, Dare, Duplin, Greene, Hyde, Johnston, Jones, Moore, Nash, New Hanover, Pasquotank, Pender, Sampson, Washington, and Wilson) to assist low-to-moderate income homeowners who experienced damage to their homes from Hurricane Matthew and have remaining unmet needs. Program activities will include repair/rehabilitation, elevation, reconstruction, relocation, acquisition for buyout, acquisition for redevelopment, and reimbursement for eligible repairs. Although most projects are expected to involve repair/rehabilitation or reconstruction of homes within the previously disturbed footprints, there is the possibility of relocation of homes to previously undisturbed land.

The North Carolina Department of Public Safety, Division of Emergency Management (NCEM) is facilitating the federally required environmental reviews for the CDBG-DR single-family housing programs in these 18 counties in accordance with 24 CFR Part 58. As specified in the State of North Carolina CDBG-DR Action Plan as amended by the State of North Carolina CDBG-DR Action Plan Substantial Amendment 1, the best currently available data suggest that 833 homes in these counties sustained major to severe damage due to Hurricane Matthew and may seek funding through this program.
To expedite environmental assessments while complying with Part 58 and other applicable laws and regulations, NCEM seeks input from the Natural Resources Conservation Service (NRCS) on documenting program-wide, county-by-county, or individual project site compliance with the Farmland Protection Policy Act of 1981 (7 U.S.C. 4201 et seq.). The program would include the following types of single-family housing unit projects:

1. Repair/rehabilitation with no substantial change in footprint on the same parcel;
2. Elevation with no substantial change in footprint on the same parcel;
3. Reconstruction/replacement with no substantial change in footprint on the same parcel;
4. Relocation on previously undisturbed land;
5. Acquisition for buyout;
6. Acquisition for redevelopment as single-family housing; and
7. Reimbursement to homeowners for previously completed eligible repair activities.

Please let us know which of these types of projects may require site-by-site consultation with NRCS and which would not. For example, for project types 1, 2, 3, and 7 listed above, the individual project sites in the program would be within the footprint of the existing residence and would not convert farmland to nonagricultural purposes. The majority of the sites for project types 4, 5, and 6 would be less than 3 acres in size. Those projects greater than 3 acres in size would be evaluated for the presence of soil types that are considered Prime Farmland and Farmland of Statewide Importance.

We would also appreciate any suggestions on how our environmental review could be conducted in the most efficient manner consistent with protection of the environment. For example, for types of projects that may require NRCS site-specific consultation, please identify the specific conditions that would trigger the need for consultation with the goal of limiting the number of required consultations to the situations that warrant such consultation.
The State of North Carolina is dedicated to providing disaster assistance to people in need of single-family housing as a result of the impacts of Hurricane Matthew in the 18 subject counties as quickly as possible. Due to the urgency of this matter, we ask that you please respond no later than 30 days from receipt of this letter. If you have any questions, please contact John Bock at (510) 302-6249 (john.bock@tetratech.com) or Cliff Jarman at (512) 244-2192 (clifford.jarman@tetratech.com).

Sincerely,

Daniel Herrera
Environmental Manager, CDBG Disaster Recovery

cc: Michael Gagner - NCEM, Deputy Chief of Resilience
    Michael A. Sprayberry – NCEM, Director/Deputy Homeland Security Advisor
    Lyn Hardison - NCDEQ, Environmental Assistance and SEPA Coordinator
    John A. Nicholson – NCDEQ, Chief Deputy Secretary
Exhibit 9
Environmental Justice

Attachment 9-1. Demographic Information for Greene County
Attachment 9-1  
Demographic Information for Greene County

Sources:  
US Census Bureau 2010 Survey, Greene County  
US Census Bureau 2016 American Community Survey

Population:  
The population of Greene County is 21,241.

Population Change (2010 to 2016):  
The population decreased by 0.6%. In comparison, North Carolina increased by 4.25%.

Age:  
The median age is 39, below the median age of North Carolina median of 42.

Race and Ethnicity: 

<table>
<thead>
<tr>
<th>Location</th>
<th>White</th>
<th>Black or African American</th>
<th>American Indian and Alaska Native</th>
<th>Other Races</th>
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<tbody>
<tr>
<td>Greene County</td>
<td>47%</td>
<td>35%</td>
<td>0%</td>
<td>18%</td>
</tr>
<tr>
<td>North Carolina</td>
<td>64%</td>
<td>21%</td>
<td>1%</td>
<td>14%</td>
</tr>
</tbody>
</table>

Poverty:  
In Greene County, 24% of the population is below the poverty level compared to 17% in the population of North Carolina.

Low and Moderate-Income Individuals  
In Greene County, based upon HUD’s definition, 37% of the population is classified as low and moderate-income individuals compared to 39% of the population of North Carolina.

Median Household Income  
The median household income of the population of Greene County (25 to 64 years old) is $37,190 compared to the median income of $48,256 for North Carolina.
Exhibit 10
Noise Control and Abatement

Attachment 10-1. Correspondence from Danielle Schopp on Noise Applicability
Attachment 10-1. Correspondence from Danielle Schopp on Noise Applicability
From: Schopp, Danielle L [mailto:Danielle.L.Schopp@hud.gov]
Sent: Monday, March 18, 2013 12:32 PM
To: Sullivan, Neil
Cc: Potter, James M; Rivera, Nelson A; Furda, Michael R; Fretwell, Therese J; Sanders, Jeremiah J
Subject: RE: Noise and above ground storage tanks - New Jersey

Neil,
As discussed, noise is not applicable for a disaster recovery program including reconstruction and rehabilitation that meets the requirement at 24 CFR 51.101(a)(3).

In addition, ASD requirements do not apply because the definition for HUD assisted projects at 24 CFR Part 51.201 is predicated on whether the HUD project increases the number of people exposed to hazardous operations; therefore, the environmental review for grants to elevate, rehabilitate, or reconstruct housing that existed prior to the disaster where the number of dwelling units is not increased is not required to apply 24 CFR Part 51 Subpart C.

Mike Furda, as the FEO for New Jersey, is available for questions, follow up or additional guidance.

Thanks,
Danielle

Danielle Schopp, JD, MPA
Director, Office of Environment and Energy
Department of Housing and Urban Development
451 7th Street SW, Room 7250
Washington, DC 20410

phone (202) 402-4442
fax (202) 708-3363
http://portal.hud.gov/portal/page/portal/HUD/topics/environment

Please consider the environment before printing this e-mail

From: Sullivan, Neil [mailto:Neil.Sullivan@icfi.com]
Sent: Monday, March 18, 2013 10:26 AM
To: Schopp, Danielle L
Subject: Noise and above ground storage tanks - New Jersey

Danielle,
Just to follow up on our call on Thursday, NJ DEP requested that I e-mail you and confirm that there is no need to conduct a noise analysis for rehab and reconstruction projects (as defined by HUD) for 1-4 unit homes (the subject of NJ’s first Tier 1 EA). Your comment that the analysis is unnecessary is based on the citation below at 24 CFR Part 51.101(a)(3). Can you please confirm that NJ can just cite the highlighted text below and avoid doing noise and AST analysis for both rehab and reconstruction projects?

Thanks
Neil
24 CFR Part 51.101(a)(3)

**HUD support for new construction.** HUD assistance for the construction of new noise sensitive uses is prohibited generally for projects with unacceptable noise exposures and is discouraged for projects with normally unacceptable noise exposure. (Standards of acceptability are contained in § 51.103(c).) This policy applies to all HUD programs providing assistance, subsidy or insurance for housing, manufactured home parks, nursing homes, hospitals, and all programs providing assistance or insurance for land development, redevelopment or any other provision of facilities and services which are directed to making land available for housing or noise sensitive development. The policy does not apply to research demonstration projects which do not result in new construction or reconstruction, flood insurance, interstate land sales registration, or any action or emergency assistance under disaster assistance provisions or appropriations which are provided to save lives, protect property, protect public health and safety, remove debris and wreckage, or assistance that has the effect of restoring facilities substantially as they existed prior to the disaster.
Exhibit 11
Siting of HUD-Assisted Projects near Hazardous Operations

Attachment 11-1. Correspondence from Danielle Schopp on Siting of HUD-Assisted Projects
Attachment 11-1. Correspondence from Danielle Schopp on Siting of HUD-Assisted Projects
From: Schopp, Danielle L [mailto:Danielle.L.Schopp@hud.gov]
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To: Sullivan, Neil
Cc: Potter, James M; Rivera, Nelson A; Furda, Michael R; Fretwell, Therese J; Sanders, Jeremiah J
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In addition, ASD requirements do not apply because the definition for HUD assisted projects at 24 CFR Part 51.201 is predicated on whether the HUD project increases the number of people exposed to hazardous operations; therefore, the environmental review for grants to elevate, rehabilitate, or reconstruct housing that existed prior to the disaster where the number of dwelling units is not increased is not required to apply 24 CFR Part 51 Subpart C.

Mike Furda, as the FEO for New Jersey, is available for questions, follow up or additional guidance.

Thanks,
Danielle

Danielle Schopp, JD, MPA
Director, Office of Environment and Energy
Department of Housing and Urban Development
451 7th Street SW, Room 7250
Washington, DC 20410

phone (202) 402-4442
fax (202) 708-3363
http://portal.hud.gov/portal/page/portal/HUD/topics/environment

Please consider the environment before printing this e-mail

From: Sullivan, Neil [mailto:Neil.Sullivan@icfi.com]
Sent: Monday, March 18, 2013 10:26 AM
To: Schopp, Danielle L
Subject: Noise and above ground storage tanks - New Jersey

Danielle,
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Neil
24 CFR Part 51.101(a)(3)

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Exhibit 12
Airport Hazards

Attachment 12-1. Consultation with North Carolina Department of Transportation
Attachment 12-1. Consultation with North Carolina Department of Transportation
August 16, 2018

Daniel Herrera  
Environmental Manager, CDBG Disaster Recovery  
North Carolina Division of Emergency Management  
4218 Mail Service Center  
Raleigh, NC 27699

RE: NCDOT – Division of Aviation response to Tiered Environmental Assessment of Single-Family Housing Projects Hurricane Matthew Community Development Block Grant – Disaster Recovery Program

Dear Mr. Herrera,

The NC Department of Transportation – Division of Aviation is in receipt of your letter dated July 17, 2018 regarding tiered environmental assessments of single-family housing projects associated with the Hurricane Matthew Community Development Block Grant. In order to ensure that airport interests within Runway Protection Zones/Clear Zones are protected concerning repairs and/or modifications to homes within those zones, the Division of Aviation would like to be consulted on decisions regarding any housing units that may fall within those limits. Ideally, homes should not be present within Runway Protection Zones/Clear Zones as they are considered an incompatible land use.

Given the scope of this effort relative to airports as we understand it, we feel that this will be a reasonable approach given that only two North Carolina airports meet the definition of Commercial Service airports within the 18 subject counties. The airports that meet the definition are:

- Craven County: Coastal Carolina Regional Airport in New Bern
- New Hanover County: Wilmington International Airport in Wilmington

If you have any questions or need to reach our Division for Please contact Todd Meyer (tmeyer@ncdot.gov) or Jonathan Arnold (jonarnold@ncdot.gov) at 919-814-0550.
Sincerely,

Jonathan L. Arnold, PE
Deputy Director, Manager of Airport Development
NCDOT – Division of Aviation

Cc: Bobby Walston – NCDOT – Division of Aviation
Meeting Date: July 27, 2018

Location: Teleconference

Subject: Programmatic Consultation for Single-Family Housing Projects (18 Counties)

Meeting Attendees:

<table>
<thead>
<tr>
<th>Name</th>
<th>Project Role or Title</th>
<th>Phone</th>
<th>Email</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jonathan Arnold</td>
<td>Deputy Director, Airport Development Manager, Division of Aviation, NCDOT</td>
<td>919-814-0550</td>
<td><a href="mailto:jonarnold@ncdot.gov">jonarnold@ncdot.gov</a></td>
</tr>
<tr>
<td>Lauren Bahlinger</td>
<td>Environmental Lead</td>
<td>225-776-4283</td>
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</tr>
</tbody>
</table>

Mr. Arnold stated that civil airports in the regulation are defined as commercial airports. There are only two airports that are categorized as commercial aviation (Coastal Carolina and Wilmington) and need to have clear zones addressed in the environmental reviews.

The NCDOT priority is to get homes out of the clear zones. It is a State priority to own the land in the clear zones. Acquisition would be preferred by the NCDOT over rebuilding/repair of properties within the clear zones. NCDOT would like to be part of the conversation, for any such properties.

Mr. Arnold stated that the clear zone and noise data for the airports had been given to the NC DEM last year. He asked if Tetra Tech had the data from the last request.

Data will be needed in GIS shapefiles. Mr. Arnold will pulse the airports for the data.

Mr. Arnold will prepare an official response from his office.
July 17, 2018

Kathryn M Vollert, P.E.
Aviation Program Engineer
North Carolina Department of Transportation, Division of Aviation
1560 Mail Service Center
Raleigh, NC 27699-1560

RE: Tiered Environmental Assessment of Single-Family Housing Projects
        Hurricane Matthew Community Development Block Grant - Disaster Recovery Program

Dear Ms. Vollert:

The State of North Carolina has received an allocation through a Community Development Block Grant - Disaster Recovery (CDBG-DR) from the U.S. Department of Housing and Urban Development to help fund Hurricane Matthew recovery efforts. Under the CDBG-DR funding umbrella, the State of North Carolina has established Homeowner Recovery, Small Rental Repair, and Buyout/Acquisition Programs that include actions to address unmet housing needs in areas impacted by Hurricane Matthew. As part of these programs, funding will be allocated for single-family (between 1 and 4 units, including mobile homes) housing-related activities in 18 counties (Beaufort, Bladen, Camden, Craven, Dare, Duplin, Greene, Hyde, Johnston, Jones, Moore, Nash, New Hanover, Pasquotank, Pender, Sampson, Washington, and Wilson) to assist low-to-moderate income homeowners who experienced damage to their homes from Hurricane Matthew and have remaining unmet needs. Program activities will include repair/rehabilitation, elevation, reconstruction, relocation, acquisition for buyout, acquisition for redevelopment, and reimbursement for eligible repairs. Although most projects are expected to involve repair/rehabilitation or reconstruction of homes within the previously disturbed footprints, there is the possibility of relocation of homes to previously undisturbed land.

The North Carolina Department of Public Safety, Division of Emergency Management (NCEM) is facilitating the federally required environmental reviews for the CDBG-DR single-family housing programs in these 18 counties in accordance with 24 CFR Part 58.

As specified in the State of North Carolina CDBG-DR Action Plan as amended by the State of North Carolina CDBG-DR Action Plan Substantial Amendment 1, the best currently available data suggest that 833 homes in the 18 counties sustained damage due to Hurricane Matthew and may seek funding through this program.
To expedite environmental assessments while complying with Part 58 and other applicable laws and regulations, NCEM seeks input from the North Carolina Department of Transportation, Division of Aviation (NC Aviation) on the need for individual consultation concerning the following types of single-family housing unit projects:

1. Repair/rehabilitation with no substantial change in footprint on the same parcel;
2. Elevation with no substantial change in footprint on the same parcel;
3. Reconstruction/replacement with no substantial change in footprint on the same parcel;
4. Relocation on previously-undisturbed land;
5. Acquisition for buyout;
6. Acquisition for redevelopment as single-family housing; and
7. Reimbursement to homeowners for previously completed eligible repair activities.

The restrictions on construction and major rehabilitation of structures within a Runway Protection Zone/Clear Zone (RPZ/CZ) apply to civil airports (24 CFR 51.303). Civil airports are defined as commercial service airports designated in the Federal Aviation Administration (FAA) National Plan of Integrated Airport Systems (NPIAS) (24 CFR 51.301[c]).

Please let us know which of these types of projects may require site-by-site consultation with NC Aviation and which would not. For example, project type 5 would not impact the RPZ/CZ. For project types 1, 2, 3, and 7 listed above, the individual project sites in the program would be within the footprint of the existing residence and would not represent new construction in either adding new people to the RPZ/CZ or adding new structures to the area. Reconstruction under project types 3 and 7 would qualify as new construction. Project type 4 would be limited to those cases where the existing residence is in a location with unsuitable conditions (e.g., in a wetland) and would be relocated within the same parcel if possible.

There were no airports listed in the current NPIAS as commercial service airports for Camden, Greene, Jones, and Wilson Counties. There are 17 airports listed in the current NPIAS as commercial service airports in the following 14 counties:

- Beaufort County: Warren Field in Washington
- Bladen County: Curtis L. Brown Jr Field in Elizabethtown;
- Craven County: Coastal Carolina Regional Airport in New Bern
- Dare County: Billy Mitchell Airport in Hatteras, First Flight Airport in Kill Devil Hills, and Dare County Regional Airport in Manteo;
- Duplin County: Duplin County Airport in Kenansville;
Hyde County: Hyde County Airport in Engelhard, Ocracoke Island Airport in Ocracoke;
Johnston County: Johnston Regional Airport in Smithfield;
Moore County: Moore County Airport in Pinehurst/Southern Pines;
Nash County: Rocky Mount-Wilson Regional Airport in Rocky Mount;
New Hanover County: Wilmington International Airport in Wilmington
Pasquotank County: Elizabeth City CG Air Station/Regional Airport in Elizabeth City;
Pender County: Henderson Field in Wallace;
Sampson County: Clinton-Sampson County Airport in Clinton; and
Washington County: Plymouth Municipal Airport in Plymouth.

Please verify that we have identified all of the commercial service airports in the 18 subject counties.

If you envision situations that might warrant NC Aviation consultation (or coordination), please identify the specific conditions that would trigger the need for such consultation. Also, we would like to obtain the RPZ/CZ and the noise contour data for the airports identified above, if available, from your office. Alternately, please identify the appropriate contacts from which this information can be obtained.

The State of North Carolina is dedicated to providing disaster assistance to people in need of single-family housing as a result of the impacts of Hurricane Matthew in the 18 subject counties as quickly as possible. Due to the urgency of this matter, we ask that you please respond no later than 30 days from receipt of this letter. If you have any questions, please contact John Bock at (510) 302-6249 (john.bock@tetratech.com) or Cliff Jarman at (512) 244-2192 (clifford.jarman@tetratech.com).

Sincerely,

Daniel Herrera
Environmental Manager, CDBG Disaster Recovery
North Carolina Division of Emergency Management

cc: Michael Gagner - NCEM, Deputy Chief of Resilience
Lyn Hardison - NCDEQ, Environmental Assistance and SEPA Coordinator
Michael A. Sprayberry – NCEM, Director/Deputy Homeland Security Advisor
Exhibit 13
Magnuson-Stevens Fishery Conservation and Management Act

Anadromous Fish Spawning Areas map
Exhibit 14
Coastal Barrier Resources Act

Attachment 14-1. Consultation with North Carolina Department of Environmental Quality, Division of Coastal Management

John H. Chafee Coastal Barrier Resources System map

Coastal Barrier Resources map
Attachment 14-1. Consultation with NC Department of Environmental Quality, Division of Coastal Management
July 16, 2018

Mr. Gregg Bodnar  
Assistant Major Permits Coordinator  
Division of Coastal Management  
North Carolina Department of Environmental Quality  
400 Commerce Avenue  
Morehead City, NC 28557  

RE: Tiered Environmental Assessment of Single-Family Housing Projects  
Hurricane Matthew Community Development Block Grant - Disaster Recovery Program  

Dear Mr. Bodnar:  

The State of North Carolina has received an allocation through a Community Development Block Grant - Disaster Recovery (CDBG-DR) from the U.S. Department of Housing and Urban Development to help fund Hurricane Matthew recovery efforts. Under the CDBG-DR funding umbrella, the State of North Carolina has established Homeowner Recovery, Small Rental Repair, and Buyout/Acquisition Programs that include actions to address unmet housing needs in areas impacted by Hurricane Matthew. As part of these programs, funding will be allocated for single-family (between 1 and 4 units, including mobile homes) housing-related activities in 18 counties (Beaufort, Bladen, Camden, Craven, Dare, Duplin, Greene, Hyde, Johnston, Jones, Moore, Nash, New Hanover, Pasquotank, Pender, Sampson, Washington, and Wilson) to assist low-to-moderate income homeowners who experienced damage to their homes from Hurricane Matthew and have remaining unmet needs. Program activities will include repair/rehabilitation, elevation, reconstruction, relocation, acquisition for buyout, acquisition for redevelopment, and reimbursement for eligible repairs. Although most of the proposed projects are expected to involve repair/rehabilitation or reconstruction of homes within the previously disturbed footprints, there is the possibility of relocation of homes to previously undisturbed land.

The North Carolina Department of Public Safety, Division of Emergency Management (NCEM) is facilitating the federally required environmental reviews for the CDBG-DR single-family housing programs in these 18 counties in accordance with 24 CFR Part 58. As specified in the State of North Carolina CDBG-DR Action Plan as amended by the State of North Carolina CDBG-DR Action Plan Substantial Amendment 1, the best available data suggest that 833 homes in these counties sustained damage due to Hurricane Matthew and may seek funding through this program.
To expedite environmental assessments while complying with Part 58 and other applicable laws and regulations, NCEM seeks input from the North Carolina Department of Environmental Quality (NCDEQ) Division of Coastal Management (DCM) on the need for individual NCDEQ DCM consultation concerning the following types of single-family housing unit projects:

1. Repair/rehabilitation with no substantial change in footprint on the same parcel;
2. Elevation with no substantial change in footprint on the same parcel;
3. Reconstruction/replacement with no substantial change in footprint on the same parcel;
4. Relocation on previously undisturbed land;
5. Acquisition for buyout;
6. Acquisition for redevelopment as single-family housing; and
7. Reimbursement to homeowners for previously completed eligible repair activities.

Please let us know which of these types of projects may require site-by-site consultation with NCDEQ DCM and which would not. For example, for project types 1, 2, 3, and 7 listed above, site-specific consultation with NCDEQ DCM does not appear to be warranted because the disturbed footprint of the single-family home will not be substantially changed.

We would also appreciate any suggestions on how our environmental review could be conducted in the most efficient manner consistent with protection of the environment. For example, for types of projects that may require NCDEQ DCM consultation, please identify the specific conditions that would trigger the need for consultation with the goal of limiting the number of required consultations to the situations that warrant such consultation.
The State of North Carolina is dedicated to providing disaster assistance to people in need of single-family housing as a result of the impacts of Hurricane Matthew in the 18 subject counties as quickly as possible. Due to the urgency of this matter, we ask that you please respond no later than 30 days from receipt of this letter. If you have any questions, please contact John Bock at (510) 302-6249 (john.bock@tetratech.com) or Cliff Jarman at (512) 244-2192 (clifford.jarman@tetratech.com).

Sincerely,

Daniel Herrera
Environmental Manager, CDBG Disaster Recovery

cc: Michael Gagner - NCEM, Deputy Chief of Resilience
    Michael A. Sprayberry - NCEM, Director/Deputy Homeland Security Advisor
    Lyn Hardison - NCDEQ, Environmental Assistance and SEPA Coordinator
    John A. Nicholson - NCDEQ, Chief Deputy Secretary
JOHN H. CHAFEE COASTAL BARRIER RESOURCES SYSTEM
NORTH CAROLINA

Number of CBRS Units: 16
Number of System Units: 9
Number of Otherwise Protected Areas: 7
Total Acres: 149,379
Upland Acres: 23,814
Associated Aquatic Habitat Acres: 125,565
Shoreline Miles: 190

Boundaries of the John H. Chafee Coastal Barrier Resources System (CBRS) shown on this map were transferred from the official CBRS maps for this area and are depicted on this map (in red) for informational purposes only. The official CBRS maps are enacted by Congress via the Coastal Barrier Resources Act, as amended, and are maintained by the U.S. Fish and Wildlife Service. The official CBRS maps are available for download at http://www.fws.gov/CBRA.

* A portion of the unit falls outside of the state border.

Map date: May 4, 2015
Source: US Fish and Wildlife Service
Appendix D

Programmatic Compliance Process

[24 CFR 55.20]
Floodplain Management

(24 CFR 55, Executive Order 11988)

Background

HUD regulation 24 CFR Part 55 implements Executive Order 11988, “Floodplain Management.” The purpose of EO 11988 is “to avoid to the extent possible the long and short term adverse impacts associated with the occupancy and modifications of floodplains and to avoid direct or indirect support of floodplain development wherever there is a practicable alternative.”

Project sites located within a special flood hazard area (SFHA) are subject to EO 11988 and any actions outside the SFHA that directly or indirectly impact the floodplain are subject to EO 11988. The relevant data source for the SFHA is the latest issued FEMA data or guidance, which includes advisory data (such as Advisory Base Flood Elevations (ABFEs)) or preliminary and final Flood Insurance Rate Maps (FIRMs).

24 CFR Part 55.1 (c)

No HUD financial assistance may be approved for the following:

- Any action, other than a functionally dependent use, located in a floodway;
- Any critical action (refers to hospitals, nursing homes, Emergency Operation Centers, power-generating facilities, etc.) located in a coastal high hazard area (V-zone); or
- Any non-critical action located in a coastal high hazard area, unless the action is designed for location in a coastal high hazard area (V-zone compliant) or is a functionally dependent use.

Any proposed actions within the V zone must comply with the construction standards outlined in HUD Regulations 24 CFR Part 55 (c)(3).

NCEM Approach

In applying EO 11988 and 24 CFR Part 55, the North Carolina Department of Commerce’s approach is to avoid adverse impacts to the floodplain as a result of the Proposed Actions to the extent possible.

ABFEs

Property owners who have to rebuild because their property is substantially damaged will have to build to the highest available State or FEMA elevation level. In most cases this will be the HUD standard plus 2 feet ABFE unless local regulations are higher. A structure is considered substantially damaged if the cost of restoration equals or exceeds 50% of the market value of the structure prior to damage.

Staff will use the most recent FIRMs to indicate base flood elevations.

Zone A and Zone V

Both the A zone and the V zone lie within FEMA’s 100-year floodplain. Zone V applies only in tidal floodplains and denotes hazards associated with storm-induced waves of at least three feet in height. Construction standards in the V-zone are more stringent in order to account for the increased risk of damage from storm surges.
There are no V-zones present in Greene County because it is a non-coastal county.

**Site-Specific Review Determination Process**

The proposed approach to document compliance with EO 11988 is:

- Document the source of information on the Site-Specific Checklist.
- Project sites located within the Special Flood Hazard Area (Zones A or V) as identified by FEMA maps have been addressed in the attached Programmatic Compliance Process document, a large-scale 8-Step Process prepared according to 24 CFR Part 55.20.
- The Responsible Entity will review the property locations to identify any within a FEMA-delineated floodway. Any located within a FEMA-delineated floodway are not eligible for the program.
- The Responsible Entity will identify applicable measures to mitigate impacts to the floodplain if the parcel is located within the 100-year floodplain.
Programmatic Compliance Process

Executive Order 11988 – Floodplain Management

Greene County

Effective Date: September 2018

Rebuild NC: Greene County Single Family Housing Recovery Program (1-4 Units)
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(A) Programmatic Compliance Process (8 – Step Process)

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Step SIX: Re-evaluate Alternatives

Step SEVEN: Issue Findings and a Public Explanation

Step EIGHT: Implement the Action
The Rebuild NC Program is in response to severe flooding damage caused by Hurricane Matthew and is addressing the State’s need for safe, decent, and affordable housing. The proposed action is to provide funding for homeowners within Greene County, (a disaster-declared county) whose homes were substantially damaged, as determined by North Carolina Division of Emergency Management (NCEM) personnel. The program will fund activities necessary to restore their storm damaged homes, including rehabilitation, reconstruction, elevation and/or other mitigation activities within the disturbed area of the previously developed parcel.

This Programmatic Compliance Process document addresses the requirements of Executive Order 11988, “Floodplain Management” and has been completed in anticipation of numerous unspecified housing properties (1-4 units) participating in the Rebuild NC Program. This document pertains to the applicants who are proposing an activity in the Significant Flood Hazard Area (SFHA) as defined by the Federal Emergency Management Agency (FEMA), or its successors, pursuant to the National Flood Insurance Program (NFIP), or a successor program, whether advisory, preliminary, or final.

This program is funded by Housing and Urban Development (HUD), administered by NCEM, and was established as a grant award to provide financial assistance to homeowners in Greene County whose primary residences were substantially damaged.

Step ONE: Determine if a Proposed Action is in the 100-Year Floodplain Rehabilitation, Reconstruction, Elevation and Mitigation (RREM) Program

NCEM requires all residential property owners in floodplains whose homes are determined to be “substantially damaged” by damage inspectors, must rebuild with the first floor at least 2 feet above the highest available local or FEMA flood elevation. A structure is considered substantially damaged if the cost of restoration equals or exceeds 50% of the market value of the structure prior to damage.

Currently, the exact locations of properties in Greene County that would participate in the homeowner assistance program are unspecified. However, eligible applicants are homeowners whose primary residence was damaged by the storm. Greene County has approximately 19,500 acres of floodplains, so it is likely that some portion of the Greene County applicant’s homes are in the floodplain (FEMA Zones A or AE). Once an Applicant applies for the grant award, the NCEM will determine if the Applicant’s project parcel is located in the floodplain.
Step TWO: Provide Early Public Review

A 15-day “Notice for Early Public Review of a Proposed Activity in a 100-Year Floodplain” was published on August 1, 2018 in the Standard Laconic, a Snow Hill, NC publication with countywide distribution that is published once a week on Wednesday. The ad targeted local residents, including those in the floodplain. The 15-day period expired on August 17, 2018.

The notice was also sent to the Tribal Historic Preservation Office of the Catawba Nation on July 31, 2018 and to the following Federal and State agencies on August 1, 2018: U.S. Environmental Protection Agency; U.S. Army Corps of Engineers; FEMA Region IV, North Carolina Department of Environmental Quality (Division of Water Resources, and Department of Environmental Assistance and Customer Service), and the State Historic Preservation Office at the Department of Natural and Cultural Resources (See Exhibits 1 and 2 for the advertisements and email to Federal and State agencies).

NCEM did not receive any public comments on this notice (Exhibit 3).

Step THREE: Identify and Evaluate Practicable Alternatives to Locating the Proposed Action in the Base Floodplain

The Hurricane Matthew Community Development Block Grant Disaster Recovery (CDBG-DR) Homeowner Recovery and Rental Programs proposes providing funding to repair/rehabilitate, elevate, and reconstruct single-family housing (1 to 4 residential units, including mobile homes) affected by Hurricane Matthew in Greene County. In addition, these programs will reimburse property owners for costs incurred for repair of their homes within 1 year of the storm. The best available data suggest 65 homes in Greene County sustained damage due to Hurricane Matthew and may seek funding through these programs. Some of the potential applications are anticipated to be located within the floodplain.

There were three alternatives to the proposed action considered for this program:

1. No action
2. Relocate the homeowner outside of the floodplain or wetland
3. Infrastructure action or other flood protection measures

Alternative 1. No Action: The “No Action” alternative would not provide financial assistance for needed repairs/rehabilitation, elevation, or reconstruction to residential property owners with homes located in the floodplain substantially damaged (i.e., repair costs exceed 50 percent of the structure’s pre-disaster market value) as a result of Hurricane Matthew, and would not implement comprehensive building standards that incorporate flood mitigation measures. Without financial assistance, the cost of these activities will likely be overly burdensome for the majority of property owners, and these property owners may not be able to recover and have safe, disaster resistant, and affordable housing. Without financial assistance to elevate their homes, their homes would be more vulnerable to future storms and floods with continued risk to both life and property, and their property’s functionality as a floodplain would not be improved. Furthermore, Greene County would not recover as fully or quickly from the impacts of Hurricane Matthew, and would have less long-term resiliency to minimize impacts from future storms. The “No Action” alternative would not address the county’s need for safe, disaster resistant, and affordable housing, and would not contribute to the long-term recovery and economic revitalization of the county.

The “No Action” alternative would not provide reimbursement assistance to property owners who incurred costs to implement emergency and necessary repairs to their homes within 1 year of
Hurricane Matthew. Lack of reimbursement assistance would negatively affect individuals and the local economy. Homeowners in future storm events may be dissuaded and financially incapable of making immediate and necessary repairs to their homes and property, and homes would be allowed to deteriorate. Additionally, these property owners may not have elevated their homes or implemented flood mitigation measures as part of the implemented repairs due to the significant expense of these additional activities. Without financial assistance, these homes would not be adequately protected against the impacts of future storms and flooding, and there would be no improvements to the floodplain. Because of this, the alternative was not considered viable.

**Alternative 2. Relocating the Homeowner Outside the Floodplains (Home Buyout):**

This alternative would involve the purchase of all properties in the floodplain that were substantially-damaged by Hurricane Matthew. Once acquired for buyout, the single-family homes would be demolished, and the vacant land would revert to its natural state. Sellers would be relocated to newly-constructed homes at new sites outside the floodplain, or sellers would be free to utilize the sale proceeds to purchase pre-existing homes outside the floodplain. This alternative would result in the social and financial ruin of many of the communities in Greene County because there is currently an inadequate supply of safe, decent, and affordable housing in those communities and in the county as a whole to accommodate the vast number of property owners that would be looking for pre-existing homes or new home sites outside the floodplain to which they could relocate. This might result in a large number of residents moving out of Greene County, which would adversely impact the stability of the county’s economy.

Additionally, this alternative may turn otherwise eligible property owners away as they would not be willing to sell their homes and/or leave their communities. Their damaged homes would remain unrepaired (often in unsafe conditions) and not elevated or modified to incorporate flood mitigation measures; therefore, the potential for adverse impacts associated with future storms and floods would not be adequately mitigated.

Although this alternative returns the floodplain to its natural state and is most protective to the individual because it results in them being relocated outside the floodplain, these benefits come at additional cost. Savings avoided by not elevating the homes, implementing flood mitigation measures, and paying for flood insurance would be more than offset by costs associated with demolition and debris removal, the purchase price of the old home, possible buyout incentives, gap assistance between the price at which the state acquired the old home and the cost of the new home outside the floodplain, and administrative costs.

The economic feasibility of mass relocations would likely not be practical given funding restrictions. So, this alternative is not the most practicable for all the applicants affected by Hurricane Matthew.

**Alternative 3. Evaluate Infrastructure Action or Other Flood Protection Measures:**

Historically, infrastructure mitigation actions have been used to protect housing in a floodplain including drainage, flood protection structures, and levees. These mitigation measures have proven variably effective in protecting communities from flooding; however, these actions do not address the housing needs for the homeowners and, in general, are not feasible based on the limited size of most home sites and are far less effective when implemented on individual scattered sites. While community or larger scale levees and flood protection structures are eligible for CDBG-DR
funding, levees and flood control structures are prohibitively expensive on a home-by-home, or small-scale, basis. For these reasons, this alternative is not practicable.

**Step FOUR: Identify the Impacts of the Proposed Actions**

The Hurricane Matthew CDBG-DR Homeowner Recovery and Rental Programs would provide funding to repair/rehabilitate, elevate, and reconstruct single-family housing (1 to 4 residential units, including mobile homes) affected by Hurricane Matthew in Greene County. In addition, the programs will reimburse property owners for costs incurred for repair of their homes within 1 year of Hurricane Matthew.

The best available data suggest 65 homes in Greene County sustained damage due to Hurricane Matthew and may seek funding through these programs. Some of the potential applications are anticipated to be located within the floodplain. These homes would have to be elevated to 2 feet above ABFE or the local standard, whichever is higher. The only exceptions to this requirement are historic structures that are eligible or potentially eligible for the National Register of Historic Places, and have elevation height requirements considered on a case-by-case basis.

All Applicants would also be required to maintain flood insurance up to the total project cost for their project activity or the maximum coverage limit of the National Flood Insurance Program (NFIP), whichever is less. As this program is grant-funded, the maintenance of flood insurance is required for the economic life of the structure, regardless of ownership. HUD’s regulations limit any construction in the floodway.

The Rebuild NC Program would not increase floodplain occupancy, as it would enable people to return to their homes, but would not expand the housing stock relative to conditions prior to Hurricane Matthew. As a result of the proposed activity, there will be no increase in density or change in land use because all work will be conducted within existing building footprints.

Elevations of structures represents no change from current conditions except reducing future damages to the structure from flooding. Changing the structure elevation would have no direct or indirect impacts on the floodplain. Elevation of homes, implementation of flood mitigation measures, and the requirement to maintain flood insurance on the property into perpetuity will minimize the threat to life and property from future storms and flooding, thereby providing resiliency to individuals and Greene County. These actions will provide safe, disaster resistant, and affordable housing for residents impacted by Hurricane Matthew that is crucial to the long-term safety and stability of Greene County.

**Step FIVE: Minimize Threats to Life and Property and to Natural and Beneficial Floodplain Values. Restore and Preserve Natural and Beneficial Floodplain Values.**

Under the Hurricane Matthew CDBG-DR Homeowner Recovery and Rental Programs, all single-family homes that were substantially damaged by Hurricane Matthew, are located in the floodplain, and receive financial assistance will be elevated and will include flood mitigation measures to avoid future flood damage. Elevation of homes within the floodplain will serve to minimize the threat to life and property, minimize losses from flooding events, benefit floodplain values, and promote long-term resiliency. Fund recipients will be required to maintain flood insurance on the property in accordance with the National Flood Insurance Program into perpetuity to minimize adverse impacts to life and property as a result of future storm events. All
activities will be conducted in compliance with state and local floodplain protection procedures to ensure a minimal adverse impact to the floodplain.

The program will benefit homeowners, whose primary residences sustained “substantial damage” from Hurricane Matthew in Greene County. Many of these homeowners likely will be required to elevate their homes. Without financial support, the added costs of elevating these houses will likely be overly burdensome for many homeowners.

**Step SIX: Re-evaluate Alternatives**

The NCEM has determined the most practicable alternative on a programmatic level for Greene County is the Proposed Action. This alternative best meets the requirement of the Rebuild NC Program, which include providing safe housing for applicants while allowing them to remain in their communities, and mitigating, to the extent practicable, future hazards from flooding. This alternative also best addresses the State’s need for safe, decent, and affordable housing. Furthermore, adverse impacts will be mitigated by elevating substantially damaged structures, in accordance with FR Vol. 82 No. 11 IV.1.c, and requiring maintenance of flood insurance for the life of each assisted structure through placement of a notice and restriction on the deed.

Alternative 1, No Action, was not selected because it would not provide homeowners with financial assistance and, thus, their properties would remain unsafe, unsanitary, and more vulnerable to adverse weather conditions. The “No Action” alternative would not address the county’s need for safe, disaster resistant, and affordable housing, and it would not contribute to the long-term recovery and economic revitalization of the county.

Alternative 2 was not selected because it would likely not allow homeowners to remain in their communities, schools and churches, nor meet the objective to rebuild the communities and homes affected by Hurricane Matthew. Furthermore, though it is not currently known how many applications would apply for this program, nor how many fall outside the 100-year floodplain; it is anticipated based upon that most applicants would want to remain on their current parcels and would not apply to a relocation program. Also, the economic feasibility of mass relocations would likely not be practical given funding restrictions. Therefore, this alternative is not the most practicable for the applicants affected by Hurricane Matthew.

Alternative 3, was not selected because previous flood control measures implemented in Greene County have had mixed results, especially as they age. While community or larger scale levees and flood protection structures are eligible for CDBG-DR funding, levees and flood control structures are prohibitively expensive on a home-by-home, or small-scale, basis. As the program focuses on homes on individual scattered sites, this alternative would not be practicable.

Alternatives 2 and 3 are also both costly and would severely limit the number of applicants served and, from an implementation standpoint, would take significant time.

**Step SEVEN: Issue Findings and a Public Explanation**

It is our determination that there is no practicable alternative to the proposed action to provide financial assistance to the property owner to rebuild in the floodplain. This is due to:

1. The need to provide safe, decent and affordable housing;
2. The desire to not displace residents; and
3. The ability to mitigate and minimize impacts on human health, public property and floodplain values.
A “Notice of Policy Determination” will be published in accordance with 24 CFR 55, for a 7-day comment period. The notice stated the reasons the project must be in the floodplain, a list of alternatives considered, and all mitigation measures to be taken to minimize adverse impacts and preserve natural and beneficial floodplain values.

All comments received will be considered.

**Step EIGHT: Implement the Action**

Step eight is implementation of the proposed action. The NCEM will ensure adherence to all mitigation measures prescribed in the steps above.
Attachment D-1
Exhibit 1
Early Public Review Notice (Step TWO)

Notices for Early Public Review
Of A Proposal to Support Activity in the
100-Year Floodplain
Affidavit of Publication
This is to give notice that the State of North Carolina has conducted an evaluation as required by Executive Order 11988, in accordance with U.S. Department of Housing and Urban Development (HUD) regulations at 24 CFR 55.20 Subpart C, Procedures for Making Determinations on Floodplain Management, to determine the potential affect that its proposed activities in the 100-year floodplain (hereinafter referred to as the floodplain) for Community Development Block Grant - Disaster Recovery (CDBG-DR) Homeowner Recovery and Rental Programs under Title I of the Housing and Community Development Act of 1974 (PL 93-383) will have on the human environment.

As specified in the State of North Carolina CDBG-DR Action Plan as amended by the State of North Carolina CDBG-DR Action Plan Substantial Amendment 1, the State has directed approximately $14,500,000 from its total allocation of funds to the affected counties for Hurricane Matthew recovery efforts. Greene County has been allocated $580,000. The State’s priority for this funding is to address single-family housing recovery needs in municipalities in Greene County that were affected by Hurricane Matthew. The best available data suggest that 65 homes in Greene County sustained damage due to Hurricane Matthew and may seek funding through this program.

Proposed activities for single-family housing under the Homeowner Recovery and Rental Programs include repair/rehabilitation, elevation, reconstruction, and reimbursement of repair costs incurred by homeowners within one year of Hurricane Matthew. All homes reconstructed within a floodplain will be constructed on the same footprint and elevated.

While the process of confirming house locations within Greene County is currently in progress, some of the potential applications are anticipated to be located within the floodplain. There are approximately 19,500 acres of Federal Emergency Management Agency (FEMA)-mapped floodplain within Greene County. Flood Insurance Rate Maps (FIRMs) may be viewed at http://fris.nc.gov/fris/. Land areas that are at high risk for flooding in Greene County are called special flood hazard areas (SFHAs), or 100-year floodplains. SFHAs in Greene County are designated on the FIRMs as Zones AE, A, AO, AH, AR, and A99.

Floodplains are areas of land adjacent to rivers, ponds, and lakes that flood periodically at different points in time. Under Executive Order 11988, management of floodplains is encouraged to achieve reduction in the risk of flood loss, minimization of flood impacts on human safety, health and welfare, and restoration and preservation of the natural and beneficial floodplain values.

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

This notice with request for comment has also been mailed to Greene County, FEMA, U.S. Army Corps of Engineers, Wilmington District, the US Environmental Protection Agency, the North Carolina Department of Environmental Quality, the North Carolina State Historic Preservation Office, and the Catawba Indian Nation.

All interested persons, groups, and agencies are invited to submit written comments regarding the proposed use of federal funds to support the proposed activity in a floodplain. Acting on behalf of the North Carolina Department of Commerce (NCDOC), which is the Responsible Entity for the proposed activity, the North Carolina Division of Emergency Management (NCEM) will accept written comments during the hours of 9:00 AM to 5:00 PM delivered to: John Ebbighausen, Assistant Director of Resiliency, NCEM, Attention: Disaster Recovery Comments, 4238 Mail Service Center, Raleigh, NC 27699-4238. Alternatively, comments may be emailed to CDBGDR.Environment@ncdps.gov with “Attention: Disaster Recovery Comments: Greene County” in the subject line. The minimum 15-calendar-day comment period will begin the day after publication and end on the 16th day after publication. All comments must be received on or before August 17, 2018 to receive consideration. Further information can be found at the program website https://rebuild.nc.gov/ or by contacting NCEM at 919-825-2500.
COOKE COMMUNICATIONS
NORTH CAROLINA LLC
The Daily Reflector - The Daily Advance - The Rocky Mount Telegram
Bertie Ledger - Chowan Herald - Duplin Times - Farmville Enterprise - Perquimans Weekly - Standard Laconic
Tarboro Weekly - Times Leader - Williamston Enterprise
PO Box 1997
Greenville NC 27835

TETRA TECH
1999 HARRISON ST
SUITE 500
OAKLAND CA 94612

Account: 142778 Ticket: 246850

PUBLISHER'S AFFIDAVIT

NORTH CAROLINA
Greene County

affirms that he/she is clerk of
Standard Laconic Snow Hill, a newspaper published weekly at Snow Hill, North Carolina, and that the advertisement, a true copy of which is hereto attached, entitled floodplain greene-spanish was published in said Standard Laconic Snow Hill on the following dates:

Wednesday, August 1, 2018

and that the said newspaper in which such notice, paper, document or legal advertisement was published, was at the time of each and every publication, a newspaper meeting all of the requirements and qualifications of Chapter 1, Section 597 of the General Statutes of North Carolina and was a qualified newspaper within the meaning of Chapter 1, Section 597 of the General Statutes of North Carolina.

Affirmed and subscribed before me this 15th day of August 2018

(Notary Public Signature)

(Notary Public Printed Name)

My commission expires 11/7/21.

ANITA C. HOUSE
NOTARY PUBLIC
PITT COUNTY NC
Mediante éste documento se da aviso de que el Estado de North Carolina ha ejecutado una evaluación requerida bajo la Orden Ejecutiva 11988, de acuerdo con las regulaciones 24 CFR 55.20 sub-parte C, Procedimientos para Tomar Determinaciones en el Gerenciamiento de Llanuras de Inundación, del Departamento de Vivienda y Desarrollo Urbano de los Estados Unidos (HUD, por sus siglas en inglés), para determinar la afectación potencial que sus actividades propuestas en la llanura de inundación a 100-años (en lo sucesivo referido como llanura de inundación) para la concesión del bloque de Desarrollo Comunitario – Recuperación de Desastres (CDBG-DR, por sus siglas en inglés), Programas de Renta y Recuperación de Propietarios de Inmuebles bajo el Título I de la Ley de Desarrollo Comunitario y Vivienda de 1974 (PL 93-383), tendría sobre el ambiente humano.

De acuerdo con lo especificado en el Plan de Acción CDBG-DR del Estado de North Carolina como en la Enmienda Sustancial CDBG-DR Número 1 del Estado de North Carolina, el Estado ha dirigido una suma de aproximadamente $14,500,000 de la asignación total de fondos para los esfuerzos de recuperación de los condados afectados por el Huracán Matthew. Condado de Greene ha sido asignado $580,000. La prioridad del Estado para este fondo es dirigir sus esfuerzos para las necesidades de recuperación de viviendas unifamiliares afectadas por el Huracán Matthew dentro de las municipalidades del Condado de Greene. La mejor información disponible sugiere que 65 casas fueron dañadas debido al Huracán Matthew y tienen la posibilidad de buscar fondos a través de este programa.

Las actividades propuestas para viviendas unifamiliares bajo los Programas de Renta y Recuperación de Propietarios de Inmuebles incluyen reparación/rehabilitación, elevación, reconstrucción y reembolso de los costos de reparación incurridos por los propietarios de inmuebles durante el primer año después del paso del Huracán Matthew. Todas las casas reconstruidas dentro de una llanura de inundación serán edificadas en el mismo lugar y serán elevadas.

Mientras que el proceso de confirmación de la ubicación de las casas dentro del Condado de Greene está actualmente en progreso, se anticipa que algunas de las facilidades potenciales estarán localizadas dentro de la llanura de inundación. Dentro del Condado de Greene hay aproximadamente 19,500 hectáreas mapeadas dentro de la llanura de inundación por la Agencia Federal de Gerenciamiento de Emergencias (FEMA, por sus siglas en inglés). Los Mapas de Tasas de Seguro Contra Inundaciones (FIRMs, por sus siglas en inglés), pueden ser vistos en la página web http://fris.nc.gov/fris/. Tierras con alto riesgo de inundación en el Condado de Greene son llamadas áreas especiales de riesgo de inundación (SFHAs, por sus siglas en inglés), o llanuras de inundación a 100-años. SFHAs en el Condado de Greene son designados en los FIRMs como zonas AE, A, AO, AH, AR y A99.
Llanuras de inundación son áreas de tierra adyacentes a los ríos, estanques y lagos que se inundan periódicamente en diferentes épocas de tiempo. Bajo la Orden Ejecutiva 11988, el gerenciamiento de llanuras de inundación pretende lograr reducir el riesgo de pérdidas por inundaciones, minimizar los impactos generados por inundaciones en la seguridad humana, salud y bienestar, y restaurar y preservar los valores naturales y beneficiosos de las llanuras de inundación.

Existen tres propósitos principales en este anuncio. Primero, personas que puedan ser afectadas por las actividades en estas llanuras de inundación y aquellos que tengan algún interés en la protección de ambientes naturales tendrán la oportunidad de expresar sus preocupaciones y proveer información acerca de estas áreas. Aquellos que comenten serán alentados a ofrecer métodos alternativos que sirvan al mismo propósito del proyecto, al igual que métodos para minimizar y mitigar impactos. Segundo, un anuncio público adecuado del programa, puede ser una importante herramienta de educación pública. La diseminación de información acerca de las llanuras de inundación puede facilitar y mejorar esfuerzos federales para reducir los riesgos asociados con la ocupación y modificación de estas áreas especiales. Tercero, como una cuestión de equidad, cuando el gobierno federal determina que éste podrá participar en acciones que se realicen en estas llanuras de inundación, éste deberá informar a aquellos que puedan estar expuestos a continuo o mayor riesgo.

Este aviso con solicitud para comentarios ha sido también enviado al Condado de Greene, FEMA, Cuerpo de Ingenieros de la Armada Estadounidense, Distrito de Wilmington, la Agencia de Protección Ambiental de los Estados Unidos, el Departamento de Calidad Ambiental de North Carolina, La Oficina de Preservación Histórica del Estado de North Carolina y la Nación Indígena Catawba.

Todas las personas, grupos y agencias interesadas están invitadas a enviar comentarios escritos acerca de la propuesta de usar fondos federales para apoyar la actividad propuesta en la llanura de inundación. Actuando en nombre del Departamento de Comercio de North Carolina (NCDOC, por sus siglas en inglés), quien es la entidad responsable de la actividad propuesta, la División de Gerenciamiento de Emergencias de North Carolina (NCEM, por sus siglas en inglés), aceptará comentarios escritos durante las horas de las 9:00 AM hasta las 5:00 PM dirigidas a: John Ebbighausen, Assistant Director of Resiliency, NCEM, Atención: Comentarios para la recuperación de desastres, 4238 Mail Service Center, Raleigh, NC 27699-4238. Alternativamente, los comentarios pueden ser enviados a través del correo electrónico CDBGDR.Environmnet@ncdps.gov con el encabezado “Disaster Recovery Comments: Greene County”. El mínimo periodo para comentarios, 15 días calendario, comenzará el día después de la publicación y terminará en el día dieciséisavo (16) después de la publicación. Para ser considerados, todos los comentarios deberán ser recibidos antes o hasta el 17 de agosto, 2018. Más información puede ser encontrada en la página web del programa https://rebuild.nc.gov/ o contactando NCEM al número telefónico 919-825-2500.
TETRA TECH
1999 HARRISON ST
SUITE 500
OAKLAND CA 94612

Account: 142778 Ticket: 246949

Copy Line: floodplain greene-english
Size: 15.75
Total Price: $145.69

NORTH CAROLINA
Greene County

Affirms that he/she is clerk of
Standard Laconic Snow Hill, a newspaper published weekly at Snow Hill, North
Carolina, and that the advertisement, a true copy of which is hereto attached,
entitled floodplain greene-english was published in said Standard Laconic Snow
Hill on the following dates:

Wednesday, August 1, 2018

and that the said newspaper in which such notice, paper, document or legal
advertisement was published, was at the time of each and every publication, a
newspaper meeting all of the requirements and qualifications of Chapter 1, Sec-
tion 597 of the General Statutes of North Carolina and was a qualified newspaper
within the meaning of Chapter 1, Section 597 of the General Statutes of North
Carolina.

Affirmed and subscribed before me this 15th day of August 2018

(Notary Public Signature)

(Notary Public Printed Name)

My commission expires 11/17/20 m

NOTARY PUBLIC
PITT COUNTY, NC
SPORTS WRITER
Cooke Communications North Carolina, LLC is looking for a knowledgeable sports reporter to cover local high school, middle school and recreation in Pitt and Greene counties. Good photography skills and experience with Adobe Creative Suite a plus. Position includes general office duties. This is a full-time position with benefits and 401(k). Position is based in eastern NC, near Greenville. (EOE)

Cooke Communications

Please email resume and writing samples to Angie Rice at angie@cookecomm.com

GREENE COUNTY: A Place To Grow...This Way To Live

RECRUITMENT NOTICE
Greene County Veterans Services Office is accepting applications for a Part-Time Administrative Assistant.

This position will be a 10-hour per week and an additional part-time applicant will be working with Veterans and Veterans Families.

Good computer skills and organizational attitude are desired.

To apply, submit State Application to (FDBT) and/or the greencountygov.com or pick up application at the Greene County Visitors Office, 801 N. Washington St., Suite 205, TARRELL 109208. Any questions call (301) 747-3446.

Closing date will be: August 18, 2018.

E-Zell Trucking, Inc

We've been in business since 1970. We've hired people with driving experience, have a safe driving record, and for the past 25 years. First year earnings of $48,000 plus benefits. Package in qualified applicants immediately online at www.ezzelltrucking.com or call EZZELL TRUCKING, INC. Maryville, MD 21546-1144 (810) 321-4101 Option 1 www.ezzelltrucking.com

I think I can, I think I can... I have found the most wonderful thing... I have found the most wonderful thing... I have found the most wonderful thing... I have found the most wonderful thing... I have found the most wonderful thing... I have found the most wonderful thing... I have found the most wonderful thing... I have found the most wonderful thing... I have found the most wonderful thing...
Attachment D-2
Exhibit 2
Sample Letters (Emails) to Interested Parties (Step TWO)
NCDEM Letter (Emails) to Agencies
Letter to Catawba Indian Nations
Hello,

Please find attached pdfs of the early floodplain notices that were posted for Greene County (in the Standard Laconic), Johnston County (in the News and Observer), and Washington County (Roanoke Beacon) on August 1, 2018. Please let us know if you have any questions or desire any additional information.

Thank you

Kathy Monks, MS, MBA, PG | Lead Project Manager | Sr. Hydrogeologist
Direct: 530.470.0498 | Cell: 505.934.0715 | Fax: 530.470.0499
21845 One Fine Pl | Colfax, CA 95713
kathy.monks@tetratech.com
EARLY NOTICE AND PUBLIC REVIEW
OF A PROPOSED ACTIVITY IN A 100-YEAR FLOODPLAIN

August 1, 2018

This is to give notice that the State of North Carolina has conducted an evaluation as required by Executive Order 11988, in accordance with U.S. Department of Housing and Urban Development (HUD) regulations at 24 CFR 55.20 Subpart C, Procedures for Making Determinations on Floodplain Management, to determine the potential affect that its proposed activities in the 100-year floodplain (hereinafter referred to as the floodplain) for Community Development Block Grant - Disaster Recovery (CDBG-DR) Homeowner Recovery and Rental Programs under Title I of the Housing and Community Development Act of 1974 (PL 93-383) will have on the human environment.

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Floodplains are areas of land adjacent to rivers, ponds, and lakes that flood periodically at different points in time. Under Executive Order 11988, management of floodplains is encouraged...
to achieve reduction in the risk of flood loss, minimization of flood impacts on human safety, health and welfare, and restoration and preservation of the natural and beneficial floodplain values.

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All interested persons, groups, and agencies are invited to submit written comments regarding the proposed use of federal funds to support the proposed activity in a floodplain. Acting on behalf of the North Carolina Department of Commerce (NCDOC), which is the Responsible Entity for the proposed activity, the North Carolina Division of Emergency Management (NCEM) will accept written comments during the hours of 9:00 AM to 5:00 PM delivered to: John Ebighausen, Assistant Director of Resiliency, NCEM, Attention: Disaster Recovery Comments, 4238 Mail Service Center, Raleigh, NC 27699-4238. Alternatively, comments may be emailed to CD/ECR.Environment@ncdps.gov with “Attention: Disaster Recovery Comments, Greene County” in the subject line. The minimum 15-calendar-day comment period will begin the day after publication and end on the 16th day after publication. All comments must be received on or before August 17, 2018 to receive consideration. Further information can be found at the program website https://rebuild.nc.gov/ or by contacting NCEM at 919-825-2500.
Exhibit 3

Note: No comments were received regarding the Early Floodplain Notice
Attachment D-4. Comments and Responses Related to Findings and Final Public Notice for Step Seven

Exhibit 4

Note: Notice of Final Public Review is being published in combination with the Draft Finding of No Significant Impact (Appendix E)
Appendix E

Official Forms and Public Comments

Attachment E-1 - Combined Notice of Finding of No Significant Impact and Notice of Intent to Request Release of Funds

Attachment E-2 - Comments and Objections to the Finding of No Significant Impact and Notice of Intent to Request for Release of Funds

Attachment E-3 - Request for Release of Funds

Attachment E-4 - Authority to Use Grant Funds
Attachment E-1. Combined Notice of Finding of No Significant Impact and Notice of Intent to Request Release of Funds
Attachment E-2. Comments and Responses Related to Notice of Finding of No Significant Impact and Notice of Intent to Request Release of Funds
Attachment E-3. Request for Release of Funds
Appendix F

Programmatic Agreement for Section 106 Review (appended by reference)
Appendix G
Sample Tier II Environmental Review Record

Attachment 1 – Figures
Attachment 2 – Site Inspection Form
Attachment 3 – Consultation, as required
## Project Information

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<th>QA/QC name:</th>
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**Project Description:** A Tier I Environmental Assessment (EA) was completed for the Rebuild NC: Single Family Housing Recovery Program (1-4 Units) (Rebuild NC).

A map showing the location of the property is attached.
Environmental Review Determination:

Property Address:

1. Is project in compliance with applicable laws and regulations? ☐ Yes ☐ No

2. Is an Environmental Impact Statement required? ☐ Yes ☐ No

3. Finding of No Significant Impact (FONSI) can be made. Project will not significantly affect the quality of the environment. ☐ Yes ☐ No

Are mitigation measures required for this project? ☐ Yes ☐ No

If “Yes,” provide the mitigation measures on the form following checklists.

Signatory Information and Approval

PREPARER

Prepared By:

Title:

Signature and Date:________________________________________________________

CERTIFYING OFFICER

Approved By:

Title:

Signature and Date:________________________________________________________
Project Description:

Note: Throughout this annotated form, explanatory language is in blue font and should be deleted upon completion of the form.

(Delete all that do not apply)

• For rehabilitation:
The proposed activity is rehabilitation of the (insert number)-unit residential structure at the address listed above. The structure was damaged because of Hurricane Matthew. The structure was constructed in (insert year). Renovations will include addressing storm-related damage and repairing the property to current minimum property standards and compliance with applicable Americans with Disabilities Act requirements. All activities will be limited to the disturbed area of the previously developed lot. Pre-award and pre-application activities will be limited to work completed in the same footprint of the damaged structure. A map showing the location of the property is attached.

• For elevation of an existing building:
The proposed activity is elevation of the (insert number)-unit residential structure at the address listed above. The structure was damaged because of Hurricane Matthew. The structure was constructed in (insert year). The lowest habitable floor of the structure would be elevated at least 2 feet above the advisory base flood elevation (ABFE), in accordance with federal requirements or local code, whichever is higher. All activities will be limited to the disturbed area of the previously developed lot or activities will largely be limited to the disturbed area of the previously developed residential site but would disturb the ground surface to install pier and beam foundation and accommodate required utilities. Pre-award and pre-application activities will be limited to work completed in the same footprint of the damaged structure. A map showing the location of the property is attached.

The federal or local code, whichever is higher, would determine the elevation requirements. Based upon that code, “1 foot” should be changed to “X feet” based upon the code.

• For reconstruction on an existing lot:
The proposed activity involves possible demolition of an existing structure built in (insert year) and reconstruction on an existing property of same residential density with the above-listed address, where the structure received damage from Hurricane Matthew to the extent that rehabilitation was not possible. Proposed activities would include reconstruction activities in accordance with minimum property standards and site-specific EA mitigation measures (insert to protect wetlands, U.S. waters, threatened and endangered species, and to minimize the hazards future flood events, and invasive species). If the home site is in the floodplain, compliance with the local floodplain ordinance will be required and include elevation of the home to 2 feet above the advisory base flood elevation (ABFE), in accordance with the effective Flood Insurance Rate Map or Preliminary Flood Insurance Rate Map published by FEMA. Activities will be limited to the disturbed area of the previously developed lot or activities will largely be limited to the disturbed area of the previously developed residential site but would disturb the ground surface to install pier and beam foundation and accommodate required utilities. A map showing the location of the property is attached.

The federal or local code, whichever is higher, would determine the elevation requirements. The sentence regarding elevation above the ABFE should be removed from the description if the new structure would be entirely outside the 100-year floodplain.
• **For reimbursement**
  The proposed activity is reimbursement of the rehabilitation repairs of the residential unit at the address listed above. The structure was damaged due to Hurricane Matthew. The structure was constructed in **(insert year)**. All reimbursement activities are limited to work completed within the existing footprint of the damaged structure. A map showing the location of the property is attached.

• **For new construction or relocation on a previously undisturbed lot:**
  The proposed activity is new construction of a **(insert number)**-unit residential structure at the address listed above. The project activity is the result of the need to build a new structure, as the homeowner’s old structure was damaged extensively due to Hurricane Matthew. Proposed activities would include construction activities in accordance with minimum property standards and site-specific EA mitigation measures **(insert to protect wetlands, U.S. waters, threatened and endangered species, and to minimize the hazards future flood events, of toxic and radioactive materials, explosive and flammable hazards, and invasive species)**. Activities will be limited to the disturbed area of the previously developed lot or activities will largely be limited to the disturbed area of the previously developed residential site but would disturb the ground surface to install pier and beam foundation and accommodate required utilities. New construction is not allowed in a 100-year floodplain. A map showing the location of the property is attached.

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<tr>
<th>Finding of Tier II Review</th>
<th>Choose one of the following:</th>
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<tr>
<td></td>
<td>☐ The proposed activity conditionally complies with environmental requirements for funding.</td>
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<tr>
<td></td>
<td>☐ The proposed activity does not comply with environmental requirements for funding because <strong>(provide reason such as permanent impact to a wetland or within a floodway)</strong>.</td>
</tr>
<tr>
<td></td>
<td>☐ A finding cannot be made without additional information or documentation (attached)</td>
</tr>
</tbody>
</table>

**Site Specific Findings**

1. **Historic Preservation**
   **(36 CFR Part 800)**
   [☐ REVIEW CONCLUDED (check this box only when completion of the subtasks below results in a “Review Concluded”)]

   **A. SHPO/Tribal Review or Notification Required**
   *The historic preservation review must be concluded for both above ground resources and archaeological resources*

   Project activity is for a building built after 1968 that is not within a historic district, and the project activity will not involve reconstruction or elevation. Meets PA Allowance and Historian with Secretary of the Interior Standards approves. **Submit information to SHPO detailing findings for Round 1 SHPO review.**
   
   ☐ SHPO findings indicate no further consultation needed, proceed to Item 2, Floodplain Management and Flood Insurance. *(Review Concluded)*
   
   ☐ SHPO findings indicate further consultation required. Continue to next step for Historic Preservation.

   **B. National Historic Landmark (NHL)**
   
   ☐ Activity meeting Programmatic Allowances involves a National Historic Landmark.
   
   ☐ SHPO and National Park Service NHL Program Manager notified and provided appropriate project documentation
   
   ☐ **No Adverse Effect Determination.**
   *Are project conditions required?*
   
   ☐ No *(Review Concluded)*
   
   ☐ Yes. Attach conditions. *(Review Concluded)*
C. Standard Project Review: SHPO/Tribal Consultation Required

- Proposed activity does not involve a NHL and does not meet the above programmatic allowances for both above ground and archaeological considerations and requires Section 106 review of the entire undertaking.

- List any tribes or other consulting parties who were notified or consulted for this undertaking:

  ________________________________________________________________

(Proceed to boxes in both columns below until the review of both resource types is concluded)
2. Floodplain Management and Flood Insurance

(EO 11988, 24 CFR Part 55, and 24 CFR 58.6)

☐ REVIEW CONCLUDED (check this box only when completion of the subtasks below results in a “Review Concluded”)

The proposed site is (check only one of the following):

☐ Not in a 100-year floodplain (A zone). Attach appropriate floodplain map showing site location. (Complies with EO 11988, 24 CFR Part 55, and 24 CFR 58.6.) (Review Concluded)

☐ In a 100-year floodplain (A zone) and not in a National Flood Insurance Program (NFIP) participating community. Attach appropriate floodplain map showing site location. Does not comply with EO 11988, 24 CFR Part 55, and 24 CFR 58.6 because required flood insurance is not obtainable. STOP – APPLICATION IS NOT ELIGIBLE FOR FUNDING. Inform Certifying Officer.

☐ In a 100-year floodplain (A zone) and in an NFIP-participating community. Are the existing structure and the proposed activity in a designated floodway area?

☐ Yes. Is the project activity property acquisition, buyout assistance, or relocation outside of floodway?

☐ Yes. Project may continue. (Review Concluded)

☐ No. Attach appropriate floodplain map showing site location. STOP – APPLICATION IS NOT ELIGIBLE FOR FUNDING. Inform Certifying Officer.

☐ No. Proceed to the following question.

Is the project activity new construction in or relocation of a structure to the floodplain?

☐ Yes. Activity does not meet Programmatic Compliance eight-step process. An individual eight-step must be completed for the property and permitted, if required. Perform individual decision-making process for this site.

☐ No. If the structure is substantially damaged (damage equal to or more than 50 percent of the pre-Hurricane Matthew value of the structure), the structure may require elevation, and other mitigation, including flood insurance. A decision-making process would be required. If the structure is not substantially damaged, the structure does not require elevation but would require flood insurance. (Review Concluded)

3.1 Wetlands

(EO 11990 and Clean Water Act, especially Section 404)

☐ REVIEW CONCLUDED (check this box only when completion of the subtasks below results in a “Review Concluded”)

Are there coastal or freshwater wetlands on or adjacent to the site?

☐ No. There are no wetlands on the project site. (Review Concluded)

☐ Yes. Would (Did) the activity affect a wetland? Attach appropriate wetlands map.

Work in wetlands, including operation of equipment in wetlands, would affect the wetlands. A freshwater wetland greater than 12.4 acres and the 100-foot “adjacent area” (measured horizontally) surrounding the wetland is granted protection under the Freshwater Wetland Act of 1975. Work in state or federally protected wetlands and/or their adjacent areas constitute a direct impact to the wetland. Best management practices should prevent impact to adjacent wetlands.

☐ No. Project involves disturbance in existing disturbed area only. There is no potential to impact wetlands. Compliance met. (Review Concluded)

☐ Yes. Possible adverse effect in wetlands.

☐ Eight-step process done?
<table>
<thead>
<tr>
<th>3.2 Clean Water Act</th>
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<tr>
<td>(EO 11990 and Clean Water Act, especially Section 404)</td>
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<tr>
<td>REVIEW CONCLUDED (check this box only when completion of the subtasks below results in a “Review Concluded”)</td>
</tr>
</tbody>
</table>

Are there any Waters of the United States in or within proximity of the applicant site?

- No. There are no Waters of the United States that can be affected by the project. (Review Concluded)
- Yes.

Is the project work within the same footprint of the existing structure?

- Yes. Construction best practices are required to prevent any construction impact. However, construction work can continue. (Review Concluded)
- No. CWA-trained professional has reviewed the property conditions and conducted a site visit of the Applicant’s site.
  - Based on that site visit, the professional concluded that the proposed action site does not contain Waters of the United States or that the proposed action will not adversely impact the Waters of the United States. (Review Concluded)
  - Based on the site visit of the applicant’s site and review of the information, at least a portion of the site contains Waters of the United States that could be adversely impacted. (Mitigation requires coordination with the US Army Corps of Engineers and possible 401/404 permitting. Inform Certifying Officer)

4. Coastal Zone Management Act  
(Coastal Zone Management Act, Sections 307(c) and (d))

REVIEW CONCLUDED (check this box only when completion of the subtasks below results in a “Review Concluded”)

The proposed site is (check only one of the following):

- Not in a coastal zone. Attach appropriate Coastal Zone Management Act map showing site location. (Review Concluded)
- In a coastal zone and project work is more than 75 feet from the Normal Water Level (NWL). Attach appropriate Coastal Zone Management Act map showing site location. (Review Concluded)
- In a coastal zone and project work would be within 75 feet of an NWL. Property owner must contact the North Carolina Department of Environmental Quality, Division of Coastal Management, to determine if a permit or exemption is required. (Review Concluded)

5. Sole Source Aquifers  
(40 CFR Part 149)
Not applicable. Compliance determined in Tier I Environmental Assessment.

### 6. Endangered Species Act

**(16 USC 1531 et seq., 50 CFR Part 402)**

- REVIEW CONCLUDED (check this box only when completion of the subtasks below results in a “Review Concluded”)

- All proposed activities are occurring in the pre-existing disturbed area associated with the structure. There is no native tree removal in the scope of work and no potential to affect Federally or State-listed species and/or designated critical habitat, based on the limited scope of action. *(Review Concluded)*

- Proposed activities involve new construction or construction outside of the pre-existing disturbed area.

  Are any of the Federally or State-listed species or critical habitats present or potentially present on the project site or potentially subject to disturbance from the project activities?

  - No. Trained personnel have reviewed site conditions and concluded that no Federally or State-listed threatened and endangered species or designated critical habitat are present in areas affected directly by the proposed action. *(Review Concluded)*

  - Yes. Consultation with USFWS is required and resulted in a determination that (check only one of the following):
    - The proposed activity, including appropriate measures to avoid adverse impacts, would not adversely affect threatened and endangered species. Attach supporting documentation. Activity complies. *(Review Concluded)* **Explain how this conclusion was reached. Describe required mitigation measures.**
    - The proposed activity would adversely affect threatened and endangered species. Attach supporting documentation. **STOP – APPLICATION IS NOT ELIGIBLE FOR FUNDING. Inform Certifying Officer. Explain how this conclusion was reached.** Attach supporting documentation.

### 7. Wild & Scenic Rivers Act

**((Sections 7(b), (c))**

Not applicable. Compliance determined in Tier I Environmental Assessment.

**Is the proposed site within 100 feet of a Federally or State-designated Wild and Scenic River?**

- No. Attach map. *(Review Concluded)*

- Yes. Contractor must use best management practices to control soil and sediment movement (assuming the work is of such nature as to impact the surrounding surface area) off the work-site during rainfall events, reduce the impact to streams and manage rainwater runoff both during construction and after completion of the work. Examples of construction best management practices are silt fences, hay bales in ditches, constructed detention basins, and other basins to hold silt-laden water on site. Document mitigation requirements. *(Review Concluded)*

### 8. Air Quality

**(Clean Air Act, Sections 176 (c) & (d), & 40 CFR Part 6, 51, & 93)**

Not applicable. Compliance determined in Tier I Environmental Assessment.

### 9. Farmland Protection Policy Act

**(7 CFR Part 658)**

- REVIEW CONCLUDED (check this box only when completion of the subtasks listed below result in a “Review Concluded”)

  **Is the proposed activity new construction or relocation on a previously undisturbed parcel?**
No. This activity is not subject to Farmland Protection Policy Act (FPPA). Previously, Natural Resources Conservation Service (NRCS) has specified that parcels previously converted [from farmland to nonagricultural uses], regardless of location, are not subject to FPPA because the parcels were converted when the original dwelling was constructed on the parcel. The subject activities involve no alteration of undisturbed land and repair/reconstruction of structure in-place and in the previously disturbed area. (Review Concluded)

☐ Yes. Continue. Check one of the following.

☐ Area subject to disturbance is less than 3 acres. (Review Concluded)

☐ Site located as farmland already in urban development in accordance with 7 CFR 658.2 - not subject to FPPA. (Review Concluded)

☐ Site located in an area that includes a density of 30 structures per 40 acres. (Review Concluded)

☐ New construction activities and parcel is located outside urban development area; subject to additional review. Continue.

☐ Information obtained documenting that the parcel was previously residentially developed land. The NRCS specified that parcels that had previously been converted [from farmland to nonagricultural uses] when the original dwelling was constructed on the parcel, regardless of location, are not subject to FPPA. (Review Concluded)

☐ Coordination with NRCS is required.

☐ Farmland Conversion Impact Rating, Form AD-1006, or other NRCS-approved documentation has been completed and submitted on Date:

☐ NRCS has replied on Date: (attach documentation)

☐ Are conditions required? ☐ No. ☐ Yes. Document conditions. (Review Concluded)

☐ NRCS has not replied within 30 days; no response is considered to be concurrence with finding of no significant adverse effect. (Review Concluded)

10. Environmental Justice
(EO 12898)
Not applicable. Compliance determined in Tier I Environmental Assessment.

11. Toxic Chemicals and Gases, Hazardous Materials, Contamination, and Radioactive Substances
(24 CFR Part 58.5(i)(2))
☐ REVIEW CONCLUDED. (check this box only when completion of the subtasks listed below result in a “Review Concluded”)

Note: This review is not intended to satisfy the requirements of a Phase I Environmental Site Assessment (ESA) or other Environmental Due Diligence Process as defined by the American Society of Testing and Materials (ASTM), or any of the requirements necessary to qualify for the innocent landowner, contiguous property owner, or bona fide prospective purchaser limitations on CERCLA liability. However, in the event of acquisition of property, a Phase I assessment may be required. That assessment will be done as an additional study to this Tier II.

FINDINGS FROM SITE INSPECTION
Are there any recognized environmental conditions (RECs), such as obvious signs of hazardous, toxic, or radioactive materials or substances as observed during the site visit?

☐ No. Attach site observation report.
Yes. Describe and attach site observation report.

REC explanation: Site conditions indicate that the subject property is contaminated or likely contaminated via the release of on-site or off-site hazardous substances or petroleum products.

During the site reconnaissance, the subject property and adjoining properties are visually inspected for RECs, such as:

- UST vent or fill pipes
- Corroded ASTs, drums or containers
- Pits, ponds, lagoons, pools of hazardous substances or petroleum products
- Mounds of rubble, garbage, or solid waste
- Distressed vegetation
- Surface staining
- Faulty septic systems
- Groundwater monitoring or injection wells
- Structure(s): present and former uses, such as any industrial or commercial structure that potentially used, stored or handled hazardous materials.

Note any obstacles to identification of RECs (Examples: soil piles, household debris, no access to backyard)

FINDINGS FROM REVIEW OF REGULATORY DATABASES AND OTHER INFORMATION SOURCES

Is the site within 3,000 feet of a listed solid or hazardous material facility, landfill, or contaminated area? Attach figure of site location with findings indicated.

☐ No. Based on the limited site observations made in support of this review and review of the listed sources of information, the project site does not appear to be impacted by hazardous, toxic, or radioactive materials or substances where the specified hazard could affect the health and safety of occupants or conflict with the intended utilization of the site. (Review Concluded)

☐ Yes.

☐ The project site is listed as a known or suspected contaminated (hazardous, toxic, or radioactive materials or substances) site.

☐ More information is required, such as documentation of cleanup or remediation or “No Further Action” letter from the governing agency.

Specify additional information obtained from the governing agency:

☐ Based on the review, it does not appear that the identified hazard affects the health and safety of occupants or conflicts with the intended utilization of the project site. Note that this review does not constitute a risk assessment or definitive determination of the hazard and its potential effect on health and safety of occupants or the environmental condition of the project site. (Review Concluded)

☐ Based on the review, it does appear that the identified hazard affects the health and safety of occupants or conflicts with the intended utilization of the project site. The project site and/or proposed action DOES NOT clear the site-specific review process. STOP – SITE IS NOT ELIGIBLE FOR FUNDING. Inform Certifying Officer.

☐ Based on review of regulatory databases and other information sources, the project site does not appear to be located proximate (within 500 feet) to a site of environmental concern (toxic site or solid waste landfill site), and no known studies indicate an environmental concern for the location. (Review Concluded)
Based on review of information sources, the project site does appear to be located proximate within 500 feet) to a site of environmental concern that could have adversely impacted the project site, and/or is known or suspected to be contaminated by toxic substances or radioactive materials.

Specify additional information obtained from the governing agency.

Based on topography or distance of the project site relative to the site of environmental concern:

☐ It does not appear that the project site is likely to have been impacted by the site of environmental concern to a degree where the hazard could affect the health and safety of occupants or conflict with the intended utilization of the project site. (Review Concluded)

☐ It does appear that the project site is likely to have been impacted by the site of environmental concern to a degree where the hazard could affect the health and safety of occupants or conflict with the intended utilization of the project site. Additional regulatory file review to be done.

☐ Regulatory agency file review done for site of environmental concern. The review indicates that the project site is not suspected or known to be contaminated by the site (attach regulatory file review documentation). (Review Concluded)

☐ Regulatory agency file review done for site of environmental concern. Results of regulatory agency file review indicate that the project site is known to be contaminated by the site of environmental concern. The project site and/or proposed action does not clear the site-specific environmental review process. STOP – APPLICATION IS NOT ELIGIBLE FOR FUNDING. Inform Certifying Officer.

☐ Regulatory agency file review done for site of environmental concern. Results of regulatory agency file review indicate that the project site is suspected to be contaminated by the site of environmental concern. Request additional information from the Applicant. Information provided by Applicant documents that the project site is not contaminated. (Attach documentation) (Review Concluded)

☐ Regulatory agency file review done for site of environmental concern. Results of regulatory agency file review indicate that the project site is suspected to be contaminated by the site of environmental concern. Applicant does not have documentation related to the potential for contamination of the project site. Applicant must request a letter or finding from the State stating that the project site is not contaminated or has been remediated. Information provided by Applicant documents that the project site is not contaminated. (Attach documentation) (Review Concluded)

☐ Regulatory agency file review done for site of environmental concern. Results of regulatory agency file review indicate that the project site is suspected to be contaminated by the site of environmental concern. Applicant does not have documentation related to the potential for contamination of the project site. Applicant must request a letter or finding from the State stating that the project site is not contaminated or has been remediated. Applicant does not provide adequate documentation. STOP – APPLICATION IS NOT ELIGIBLE FOR FUNDING. Inform Certifying Officer.

Are any of the following documented or suspected of being present at the project site? Check all that apply.
- Lead-based paint
- Asbestos
- Mold

If any of the above is checked, document site-specific hazards and mitigation requirements. If determination is unknown, document and include mitigation requirements.

### 12. Siting of HUD-Assisted Projects Near Hazardous Operations

*(24 CFR Part 51, Subpart C)*

- REVIEW CONCLUDED. (check this box only when completion of the subtasks listed below result in a “Review Concluded”)

Would (Did) the proposed activity increase the number of dwelling units of the housing structure that existed on the project site prior to Hurricane Matthew or change the location of that structure?

- No. **In compliance.** Identify source of information. **(Review Concluded)**
  - The source of information will be the grant application.

- Yes. Would the structure be (are the structures) less than the acceptable separation distance (ASD) from a stationary aboveground storage tank (AST) that is within 1 mile of the subject property and holds an explosive or combustible substance? Note: ASTs of 100 gallons or less that hold "common liquid fuels" such as fuel oil, kerosene, and gasoline or tanks that are ancillary to the structure are exempt from the ASD requirements and cannot cause the answer to this question to be Yes. However, this exemption does not apply to compressed fuel gases such as propane, so it is possible that a stationary compressed fuel gas tank of 100 gallons or less not ancillary to the structure could cause the answer to this question to be Yes.

  **Additional explanation of ASD analysis is provided below.**

- No. **In compliance.** Explain finding. **(Review Concluded)**
- Yes. Describe the information used in calculating the ASD and attach a map showing the location of the tank relative to the subject property. Describe any feasible mitigation measures per 24 CFR 51.205, or other verifiable information that is pertinent to compliance with the ASD standard. If no mitigation measures are feasible, the activity is **not in compliance** with the applicable HUD environmental standard, 24 CFR Part 51C. **STOP – APPLICATION IS NOT ELIGIBLE FOR FUNDING. Inform Certifying Officer.**

Requires use of Google Earth or like tool for desktop search for large ASTs within 1 mile plus a field reconnaissance of project site and surrounding properties.

Common liquid fuels include fuel oil, gasoline, diesel fuel, and kerosene. Other flammable or explosive substances include propane and other fuel gases. If the type of substance in a tank cannot be determined, it must be assumed to contain a flammable or explosive substance that is not a common liquid fuel.

The ASD is determined using HUD’s Acceptable Separation Distance Electronic Assessment Tool, [http://www.hud.gov/offices/cpd/environment/asdcalculator.cfm](http://www.hud.gov/offices/cpd/environment/asdcalculator.cfm). The information required to use the tool depends on the type of tank involved. For diked tanks, it is not necessary to know the volume of the tank, but the dimensions of the diked area must be estimated. This can be done using Google Earth.

For tanks holding ordinary fuel gases such as propane, which are always pressurized, only the volume of the tank must be determined. Information at the following link can be used to determine the volume of a tank if at least one of its dimensions is known: [http://www.missiongas.com/lpgastankdimensions.htm](http://www.missiongas.com/lpgastankdimensions.htm).

A tank holding a cryogenic liquid such as liquid natural gas may or may not be diked. If it is, the dimensions of the diked area must be estimated. If it is not diked, the volume of the tank must be estimated.

The ASD Electronic Assessment Tool calculates three ASDs for pressurized tanks containing ordinary fuel gas: blast overpressure, thermal radiation for people, and thermal radiation for buildings. The blast overpressure ASD is not calculated for unpressurized tanks because they are not subject to explosion. The activity must comply with all applicable ASDs.

The ASD for thermal radiation for people is the longest. Blast overpressure can be mitigated with a blast wall, but this approach is generally not feasible for thermal radiation because the maximum thermal radiation comes from a fireball well above the tank.
| 13. Coastal Barrier Resources Act/Coastal Barrier Improvement Act  
| (24 CFR 58.6(c))  
| □ REVIEW CONCLUDED. (check this box only when completion of the subtasks listed below result in a “Review Concluded”)  
| Is the project located in a designated unit of the Coastal Barrier Resource System?  
| □ No. Attach appropriate map showing site location. (Review Concluded)  
| □ Yes. Attach appropriate map showing site location. STOP – APPLICATION IS NOT ELIGIBLE FOR FUNDING. Inform Certifying Officer.  
| 14. Airport Clear Zones and Accident Potential Zones  
| (24 CFR Part 51, Subpart D)  
| Not applicable. Compliance determined in Tier I Environmental Assessment.  
| Is the project located within 2,500 feet of a civil airport or within 15,000 feet of a military airfield?  
| □ No. In compliance. Attach appropriate map. (Review Concluded)  
| □ Yes. Is the project located within a civil airport runway protection zone or a clear zone or accident potential zone associated with a military airfield?  
| □ No. In compliance. Attach appropriate map. (Review Concluded)  
| □ Yes.  
| □ Under 24 CFR 51.302 and 24 CFR 51.303(b), activities of the type proposed are fundable. Provide explanation and documentation. (Review Concluded)  
| □ Under 24 CFR 51.302 and 24 CFR 51.303(b), activities of the type proposed are not fundable. STOP – APPLICATION IS NOT ELIGIBLE FOR FUNDING. Inform Certifying Officer.  
| 15. Fish and Wildlife Coordination Act  
| (16 USC 661-666c)  
| Not applicable. Compliance determined in Tier I Environmental Assessment.  
| 16. Magnuson-Stevens Fishery Conservation and Management Act  
| (16 USC 1801 et seq.)  
| □ REVIEW CONCLUDED. (check this box only when completion of the subtasks listed below result in a “Review Concluded”)  
| Would (Did) the proposed activity occur in an Anadromous Fish Spawning Area?  
| □ No. In compliance. Identify source of information. (Review Concluded)  
| □ Yes. Is the project compliant with the required conditions/mitigations to ensure that the project does not adversely affect the fish spawning area?  
| □ Yes. In compliance. Identify source of information. (Review Concluded)  
| □ No. STOP – APPLICATION IS NOT ELIGIBLE FOR FUNDING. Inform Certifying Officer.  
| 17. Noise Abatement and Control  
| (24 CFR Part 51, Subpart B)  
| □ REVIEW CONCLUDED. (check this box only when completion of the subtasks listed below result in a “Review Concluded”)
Would (Did) the proposed activity change the facility substantially from its condition that existed prior to Hurricane Matthew, such as increasing the number of dwelling units or changing the location of the housing structure?

☐ No. **In compliance.** Identify source of information. *(Review Concluded)*

The source of information will be the grant application.

Is the building within 1,000 feet of a major roadway, 3,000 feet of a railroad, or 15 miles of a military airfield or Federal Aviation Administration-regulated civil airfield?

☐ No. **In compliance.** Identify source of information. *(Review Concluded)*

Is the building within an area with a calculated noise level that is Acceptable (at or below 65 DNL)?

☐ Yes. **In compliance.** Identify source of information. *(Review Concluded)*

Is the building within an area with a calculated noise level that is Normally Unacceptable (66–75 DNL)?

☐ Yes. Identify noise attenuation requirements that will bring the interior noise level to 45 DNL or exterior noise level to 65 DNL. *(Review Concluded)*

Is the building within an area with a calculated noise level that is Unacceptable (above 75 DNL)?

☐ Yes. **STOP – APPLICATION IS NOT ELIGIBLE FOR FUNDING.** Inform Certifying Officer.

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**Environmental Review Factors**

[Environmental Review Guide HUD CPD 782, 24 CFR 58.4, 40 CFR 1508.8 and 1508.27]

*For the Rebuild NC program, all Environmental Assessment Factors have been considered in the Tier I Environmental Review Record and have all been found to not have any significant adverse impacts on the environment. No Tier II site-specific review of these factors is required.*

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**Conditions for Approval**

The following mitigation measures are required as conditions for approval of the project, as applicable:

**General**

1. Acquire all required federal, state and local permits prior to commencement of construction and comply with all permit conditions.
2. Contractors will be required to prepare and implement health and safety plans and conduct monitoring during construction to protect the health and safety of site workers and the public.
3. Contractors must use best management practices to control soil and sediment movement (assuming the work is of such nature as to impact the surrounding surface area) off the work-site during rainfall events, reduce the impact to streams and manage rainwater runoff both during construction and after completion of the work. Examples of construction best management practices are silt fences, hay bales in ditches, constructed detention basins, and other basins to hold silt-laden water on site.
4. If the scope of work of a proposed activity changes significantly, the application for funding must be revised and resubmitted for re-evaluation under the National Environmental Policy Act.

**Historic Preservation**

5. All activities must comply with Section 106 of the National Historic Preservation Act (NHPA) per the implementing regulations 36 CFR Part 800. Compliance with Section 106 is achieved through the procedures set forth in the Programmatic Agreement between the North Carolina Department of Commerce, North Carolina Department of Public Safety, and State Historic Preservation Officer (SHPO), as signed onto by the North Carolina Department of Commerce.

6. If archeological deposits, including any Native American pottery, stone tools, bones, or human remains, are uncovered, the project shall be halted, and the applicant shall stop all work immediately near the discovery and take reasonable measures to avoid or minimize harm to the finds. All archeological findings will be secured and access to the sensitive area restricted. The applicant will inform the State of North Carolina (the State) immediately and consult with SHPO. Work in sensitive areas cannot resume until consultation is completed and appropriate measures have been taken to ensure that the project complies with the NHPA.

**Floodplain Management and Flood Insurance**

7. All proposed reconstruction, repair, elevation and mitigation of substantially damaged structures in the 100-year floodplain will adhere to the most recent elevation requirements in accordance with local codes and Base Flood Elevation requirements where they exceed the federal standards.

8. All structures funded by the Rebuild NC: Single Family Housing Recovery Program (1-4 Units) (Rebuild NC), if in, or partially in, the 100-year floodplain shown on the latest FEMA flood maps, will be covered by flood insurance and the flood insurance must be maintained for the economic life of the structure [24 CFR 58.6(a)(1)].

9. No funding will be provided to any person who previously received federal flood disaster assistance conditioned on obtaining and maintaining flood insurance but failed to obtain and maintain the insurance [24 CFR 58.6(b)].

10. Duration of Flood Insurance Coverage. The statutory period for flood insurance coverage may extend beyond project completion. For loans, loan insurance or guaranty, flood insurance coverage must be continued for the term of the loan. For grants and other non-loan forms of assistance, coverage must be continued for the life of the property, regardless of transfer of ownership of such property. Section 582(c) of the Community Development and Regulatory Improvement Act of 1994 mandates that “The requirement of maintaining flood insurance shall apply during the life of the property, regardless of transfer of ownership of such property.” (42 USC 4012a). Such anticipated economic or useful life of the property may vary with the nature of the assisted activity. For example,
construction of a new or substantially improved building requires flood insurance coverage for the life of the building, while for minor rehabilitation such as repairing, weatherizing, or roofing of a building, the grantee may require flood insurance coverage ranging from 5 to 15 years as deemed feasible. HUD will accept any period within that range that appears reasonable.

11. Dollar Amount of Flood Insurance Coverage. For loans, loan insurance or guaranty, the amount of flood insurance coverage need not exceed the outstanding principal balance of the loan. For grants and other forms of financial assistance, the amount of flood insurance coverage must be at least equal to the development or project cost (less estimated land cost) or to the maximum limit of coverage made available by the Act with respect to the particular type of building involved (SF-Single Family, OR-Other Residential, NR-Non-Residential, or SB-Small Business), whichever is less. The development or project cost is the total cost for acquiring, constructing, reconstructing, repairing or improving the building. This cost covers both the federally assisted and the non-Federally assisted portion of the cost, including any machinery, equipment, fixtures, and furnishings. If the Federal assistance includes any portion of the cost of any machinery, equipment, fixtures or furnishings, the total cost of such items must also be covered by flood insurance.

12. Proof of Purchase. The standard documentation for compliance with Section102 (a) is the Policy Declarations form issued by the NFIP or issued by any property insurance company offering coverage under the NFIP. The insured has its insurer automatically forward to the grantee in the same manner as to the insured, information copies of the Policy Declarations form for verification of compliance with the Act. Any financially assisted Special Flood Hazard Area (SFHA) building lacking a current Policy Declarations form is in Noncompliance.

13. Grantee’s Evidence of Compliance under the Certification. The grantee must maintain a complete and up-to-date listing of its on-file and current Policy Declarations for all financially assisted SFHA buildings. As a part of the listing, the grantee should identify any such assisted building for which a current Policy Declarations form is lacking and attach a copy of the written request made by the grantee to the owner to obtain a current Policy Declarations form.

**Wetlands Protection and Water Quality**

14. Implement and maintain erosion and sedimentation control measures sufficient to prevent deposition of sediment and eroded soil in on-site and off-site wetlands and waters and to prevent erosion in on-site and off-site wetlands and waters.

15. Minimize soil compaction by minimizing activities in vegetated areas, including lawns.

**Noise**

16. Outfit all equipment with operating mufflers.

17. Comply with applicable local noise ordinances.
Air Quality
18. Use water or chemical dust suppressant in exposed areas to control dust.
19. Cover the load compartments of trucks hauling dust-generating materials.
20. Wash heavy trucks and construction vehicles before they leave the site.
21. Employ air pollution control measures on all vehicles and equipment, as required.

Hazardous Materials
22. All activities must comply with applicable federal, state and local laws and regulations regarding environmental protection and asbestos, including but not limited to the following:
   - North Carolina Environmental Policy Act and Rules at 01 NCAC (North Carolina Administrative Code) 25
   - National Emission Standard for Asbestos, standard for demolition and renovation, 40 CFR 61.145 and 150
   - North Carolina Asbestos Hazard Management Program, NC General Statutes (GS) Section 130A-444 through 452 – Asbestos Hazard Management
23. Applicant or contractor must comply with all laws and regulations concerning the proper handling, removal and disposal of hazardous materials (e.g., asbestos, lead-based paint) or household waste (e.g., construction and demolition debris, pesticides/herbicides, white goods).
24. All activities must comply with applicable federal, state and local laws and regulations regarding lead-based paint including, but not limited to, HUD’s lead-based paint regulations in 24 CFR Part 35.
25. All residential structures must be treated for mold attributable to Hurricane Matthew in accordance with federal, state or local guidelines.

Wild and Scenic Rivers
26. Comply with any conditions specified by the National Park Service (NPS) for protection of federally designated Wild and Scenic Rivers, Study Rivers, and Nationwide Rivers Inventory segments. The NPS identified that “best practices” would be used, specifically “All construction activities occurring on or adjacent to a federally designated Wild and Scenic River or on a river listed on the Nationwide Rivers Inventory should take care to avoid any unnecessary clearing of native riparian vegetation such that local scenery remains intact. Further, for all projects where construction derived runoff has the potential to enter the waterway, appropriate sediment control measures should be required. Sediment control measures can include, but are not limited to, the use of straw bales and silt fences.” The North Carolina Division of Parks and Recreation recommended the use of erosion and sedimentation controls during construction and after completion of the work at project sites where vegetation removal and/or land disturbance is planned within 100 feet of the bank for the protected section of the Lumber River,
which is the only state-protected river in the North Carolina declared disaster area counties.

**Project-Specific Conditions**

1. Text