



# FEDERAL EMERGENCY MANAGEMENT AGENCY ENVIRONMENTAL CONSIDERATIONS GREENSHEET HURRICANE ISAIAS, NORTH CAROLINA



## INTRODUCTION

FEMA's Environmental & Historic Preservation (EHP) Specialists are available to assist subgrantees in gathering current environmental and cultural information for informed decision-making during project development and implementation. FEMA is responsible for ensuring that numerous state and Federal environmental and historic preservation laws and Executive Orders (EOs) are or will be met in order to provide project funding.

Early identification of projects having potential EHP compliance issues and coordination with appropriate Federal, State, and Local regulatory agencies is needed to prevent delays in the review, approval, and funding projects.

**Failure to comply with Federal, state, and local EHP laws, executive orders, regulations, permit conditions, etc., including those not specifically mentioned in this document, may jeopardize FEMA's ability to fund a project, and in some cases may involve civil and even criminal penalties. Compliance with EHP requirements should be addressed during every stage of project development, review, and closeout.**

**EVEN IF A PROJECT IS BACK TO PRE-DISASTER CONDITION there are circumstances when actions initiated or completed prior to EHP review may jeopardize FEMA funding. Common examples include projects:**

- Affecting beaches, rivers, lakes, canals, wetlands, or other bodies of water;
- Affecting a 100-year floodplain, or critical facilities in the 500-year floodplain;
- Affecting structures that are 50 years or older, historic or potentially historic places, (including State and National landmarks of any age) or projects that may affect archaeological resources (change in footprint or work in undisturbed ground);
- Have known or suspected environmental concerns including clean-up or disposal of hazardous materials;
- Located in environmentally sensitive areas such as parks, preserves, near endangered species or their habitat;
- Involving debris staging and disposal (sites must be authorized by North Carolina Department of Environment Quality (NC DEQ) Division of Waste Management);
- Involving Improved or Alternate projects, Hazard Mitigation, Scope of Work (SOW) changes.



### Federal Laws

- National Environmental Policy Act (NEPA)
- Endangered Species Act (ESA)
- National Historic Preservation Act (NHPA)
- Clean Water Act (CWA)
- Executive Order for Floodplains (EO 11988)
- Executive Order for Wetlands (EO 11990)

### Project types that may require consultation

- Changes in scope of work
- Ground disturbance, even within the right of way
- Facilities 50 years old or older
- Debris removal
- Improved or alternate projects
- Any hazard mitigation



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## Waterways; Including Culverts and Bridges

Permits may be required from the U.S. Army Corps of Engineers (USACE) and the NC Department of Environmental Quality (NCDEQ), Division of Water Resources.

Projects that may require permits include:

- Work proposed in a waterway; including lakes, streams, creeks, tributaries, and wetland areas.

Actions that may require permits include, but are not limited to:

- Construction and demolition
- Dredging, filling any part of surface water,
- Repairing or replacing a bridge, culvert



Obtaining permits prior to construction is the responsibility of the project applicant.



## Floodplains and Wetlands

- Any modifications or construction in a floodplain or wetland must be reviewed by FEMA and may require a public notice.
- Debris must not be stored (even temporarily) in a floodway, floodplain or wetland.
- Debris removal from a wetland must be coordinated with USACE, U.S. Fish and Wildlife Service (USFWS), and NCDEQ, Division of Water Resources.
- For information on floodplain permitting, contact your local National Flood Insurance Program Coordinator.

## Threatened and Endangered Species

The Applicant and FEMA may be required to complete consultation with the U.S. Fish and Wildlife Service and the NCDEQ Wildlife Resources Commission for projects that affect:

- Critical habitat, which may be located in or near water, forested areas, fields, or along the road edge.
- Endangered or threatened



## Historic and Archaeological Resources



FEMA may be required to complete consultation with the State Historic Preservation Office or tribes prior to any work beginning for projects including, but not limited to:

- Repair or demolition of structures or buildings built before 1968,
- Ground disturbing activities including projects in farmland, parking lots, or forested areas,
- Use of borrow pits or sand sources.

Heritage Emergency National Task Force can be contacted for technical assistance regarding the salvage and stabilization of collections and facilities belonging to cultural institutions and arts organizations

## Debris Disposal and Hazardous Materials

FEMA and NCDEQ must be informed of the final location of debris

Temporary Debris Staging Areas will require site approval from your regional NCDEQ office;

Demolition of structures, regardless of asbestos content, must be coordinated with your regional NCDEQ office;

Before burning, you must obtain a burn permit from the NCDEQ, Division of Forestry and contact your local Division of Air Quality regional office.

<http://deq.nc.gov/about/divisions/waste-management/waste-management-permit-guidance/solid-waste-section/disaster-debris>

<https://deq.nc.gov/about/divisions/waste-management/waste-management-permit-guidance/solid-waste-section/disaster-debris/hhw-temporary-collection-center>

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## Debris removal includes:

- clearance
- collection
- staging
- removal
- disposal

## Types of debris:

- trees and gravel
- building components
- wreckage
- white goods
- hazardous waste

The applicant is responsible for coordinating with NCDEQ and for obtaining and complying with all required permits before burning, salvaging or disposing of flood debris.

## Contacts

### FEMA JOINT FIELD OFFICE

Chelsea Klein  
EHP Advisor  
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(816) 872-2014

Robert Ferguson  
PA Infrastructure Branch Director  
Robert.ferguson2@fema.dhs.gov  
(202) 288-5854

### NORTH CAROLINA AGENCIES

#### NC Emergency Management

Dorothy Henderson-Bell  
Public Assistance Officer  
Dorothy.henderson@ncdps.gov  
(919) 825-2321 (office)  
(919) 218-6642 (cell)

#### National Flood Insurance Program

John Gerber, State NFIP Coordinator  
jgerber@ncem.org  
(919) 825-2317 or (919) 715-5711

#### NC Department of Public Safety, Division of Emergency Management

Greg Atchley  
Western Branch Office  
(828) 466-5555  
Greg.atchley@ncdps.gov

Dennis Hancock  
Central Branch Office  
(919) 575-4122  
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Dianne Curtis  
Eastern Branch Office  
(252) 520-4923  
Dianne.curtis@ncdps.gov

<https://www.ncdps.gov/ncem>

#### Division of Air Quality

<http://deq.nc.gov/about/divisions/air-quality>

#### Division of Waste Management

<http://deq.nc.gov/about/divisions/waste-management>

Drew Hammonds  
Eastern District Office  
(910) 433-3349

Deb Aja  
Western District Office  
(826) 296-4702

### Wildlife Resources Commission

<http://www.ncwildlife.org>

#### Division of Water Resources

<http://deq.nc.gov/permits-regulations/denr-forms/division-of-water-resources>

#### Temp. Disaster Debris Staging Sites:

Division of Waste Mgt.-Solid Waste  
Field Operations Branch  
Jason Watkins  
Jason.watkins@ncdenr.gov  
(336) 776-9674 (office)

Jessica Montie  
Jessica.montie@ncdenr.gov  
(919) 707-8247 (office)

#### Other Regional Offices:

Asheville: (828) 296-4500  
Fayetteville: (910) 433-3300  
Mooreville: (704) 663-1699  
Raleigh: (919) 791-4200  
Washington: (252) 946-6481  
Wilmington: (910) 796-7215

[https://files.nc.gov/ncdeq/Waste%20Management/DWM/SW/Field%20Operations/DDS/TDDSS\\_Quick\\_Reference.pdf](https://files.nc.gov/ncdeq/Waste%20Management/DWM/SW/Field%20Operations/DDS/TDDSS_Quick_Reference.pdf)

#### North Carolina Forest Service

Raleigh Office (919) 857-4801  
Burn Permits: Contact County Ranger or apply online:  
[http://www.ncforestservice.gov/burn\\_permits/burn\\_permits\\_main.htm](http://www.ncforestservice.gov/burn_permits/burn_permits_main.htm)

#### Asbestos information:

<http://epi.publichealth.nc.gov/asbestos/ahmp.html>

#### State Historic Preservation Office

<http://www.hpo.ncdcr.gov/>

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Environmental Review Coordinator  
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John Mintz  
State Archaeologist  
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(919) 807-6555 or (919) 814-6555  
<https://archaeology.ncdcr.gov/about/contact>

### FEDERAL AGENCIES

#### NOAA National Marine Fisheries

Southeast Region  
101 Pivers Island Road, F/SER47  
Beaufort, NC 28516

Fritz Rohde  
Phone: (252) 838-0828  
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Ken Riley  
Phone: (252) 728-8750  
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#### Natural Resources Conservation Service

Timothy Beard  
State Conservationist  
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Stuart Lee  
Assistant State Conservationist  
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#### Heritage Emergency National Task Force

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#### U.S. Fish and Wildlife Service

John Ellis, Field Biologist  
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(919) 856-4520 ext. 26

#### United States Army Corps of Engineers (USACE)

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

Raleigh Regulatory Field Office  
US Army Corps of Engineers  
3331 Heritage Trade Drive, Suite 105  
Wake Forest, North Carolina 27587  
General Number: (919) 554-4884

Wilmington Regulatory Field Office  
US Army Corps of Engineers  
69 Darlington Avenue  
Wilmington, NC 28403  
General Number: (910) 251-4633

Washington Regulatory Field Office  
US Army Corps of Engineers  
2407 West Fifth Street