



FEDERAL EMERGENCY MANAGEMENT AGENCY ENVIRONMENTAL CONSIDERATIONS GREENSHEET HURRICANE FLORENCE 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 and Natural Resources (NC DENR) Division of Waste Management);
- Involving Improved or Alternate projects, Hazard Mitigation, Scope of Work (SOW)



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



FEDERAL EMERGENCY MANAGEMENT AGENCY ENVIRONMENTAL CONSIDERATIONS GREENSHEET HURRICANE FLORENCE NORTH CAROLINA



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 or dams.



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 species within a county (listed on USFWS and NCDEQ websites).



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.

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>

FEDERAL EMERGENCY MANAGEMENT AGENCY ENVIRONMENTAL CONSIDERATIONS GREENSHEET HURRICANE FLORENCE NORTH CAROLINA

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
Chelsea.Klein@fema.dhs.gov
(816)-872-2014

Gregory Bosko
PA Infrastructure Branch Director
Gregory.bosko@fema.dhs.gov
(816)-809-0801

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 Mngt.

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

Dennis Hancock
Central Branch Office
919-575-4122
Dennis.hancock@ncdps.gov

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

Division of Water Resources

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

Wildlife Resources Commission

<http://www.ncwildlife.org>

Temp. Disaster Debris Staging Sites:

Division of Waste Mngt.-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
 Mooresville: 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

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

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

State Historic Preservation Office

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

Renee Gledhill-Early
Environmental Review Coordinator
renee.gledhill-earley@ncdcr.gov
(919)-807-6579

Renee Shearin
Environmental Review Technician
Renee.shearin@ncdcr.gov
(919)-807-6584

John Mintz
State Archaeologist
John.mintz@ncdcr.gov
(919)-807-6555
<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
fritz.rohde@noaa.gov

Ken Riley
Phone: (252)728-8750
Ken.Riley@noaa.gov

Natural Resources Conservation Service

Timothy Beard
State Conservationist
Timothy.beard@nc.usda.gov
(919)-873-2101

Stuart Lee
Assistant State Conservationist
Stuart.lee@nc.usda.gov
(919)-873-2017

U.S. Fish and Wildlife Service

John Ellis, Field Biologist
john_ellis@fws.gov
(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
Fax number: (828)-281-8120

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
Fax Number: (919) 562-0421

Wilmington Regulatory Field Office
US Army Corps of Engineers
69 Darlington Avenue
Wilmington, NC 28403
General Number: 910-251-4633
Fax Number: (910) 251-4025

Washington Regulatory Field Office
US Army Corps of Engineers
2407 West Fifth Street
Washington, NC 27889
General Number: (910) 251-4610
Fax Number: (252) 975-1399