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 Environmental 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
**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 office.

Projects that may require permits include:
- work proposed in a waterway, including tributaries, wetlands, small streams and lakes

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 dam

**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 in a floodway, floodplain or wetland, even temporarily
- 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 NC DEQ 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 1965
- 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

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.

FEDERAL EMERGENCY MANAGEMENT AGENCY
ENVIRONMENTAL CONSIDERATIONS GREENSHEET

Contacts

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NORTH CAROLINA AGENCIES
NC Emergency Management
Andy Innis
Public Assistance Lead
Andy.Innis@ncdps.gov
919-218-3191

National Flood Insurance Program
John Gerber, State NFIP Coordinator
jgerber@ncem.org
919-825-2317 or 919-715-5711

NC Department of Environmental Quality
Dr. Kenneth Taylor
Disaster Recovery Efforts
kenneth.b.taylor@ncdenr.gov
919-390-4767

Contact your local regional office http://deq.nc.gov/contact/regional-offices

Division of Air Quality
Contact your local regional office http://deq.nc.gov/about/divisions/air-quality

Division of Waste Management
http://deq.nc.gov/about/divisions/waste-management

Andrew Hammonds
Eastern District Office
910-433-3349

Deb Aja
Western District Office
826-296-4702

Types of debris:
• trees and gravel
• building components
• wreckage
• white goods
• hazardous waste

Division of Water Resources
http://deq.nc.gov/permits-regulations/denr-forms/division-of-water-resources

Wildlife Resources Commission
http://www.ncwildlife.org

North Carolina Forest Service
Burn Permits: Contact County Ranger or apply online: ncforestservice.gov/burn_permits/burn_permits_main.htm
919-857-4801

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
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Renee Shearin
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919-807-6551

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.

FEDERAL AGENCIES

NOAA National Marine Fisheries
Southeast Region
Fritz Rohde
101 Pivers Island Road
F/SER47
Beaufort, NC 28516
Phone: (252) 838-0828
fritz.rohde@noaa.gov

Natural Resources Conservation Service
Matt Flint
Assistant State Conservationist
919-873-2124

United States Fish and Wildlife Service
John Ellis, Field Biologist
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919-856-4520 ext. 26

United States Army Corps of Engineers (USACE)

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

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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

Debris removal includes:
• clearance
• collection
• staging
• removal
• disposal

Types of debris:
• trees and gravel
• building components
• wreckage
• white goods
• hazardous waste

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