



North Carolina Marine Debris Emergency Response Guide: Field Reference Guide

NOAA Marine Debris Program
National Oceanic and Atmospheric Administration
U.S. Department of Commerce
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1. Introduction

1.1 Purpose

This *Field Reference Guide* condenses information contained in the *North Carolina Incident Waterway Debris Response Guide: Comprehensive Guidance Document (Guide)* to facilitate use during emergency response operations. While the *Comprehensive Guidance Document* serves as a complete reference for incident waterway debris response in North Carolina, the *Field Reference Guide* includes the most pertinent information for quick reference in the field and during times of crisis. Both documents and subsequent versions will be posted on NOAA’s Marine Debris Program website at <https://marinedebris.noaa.gov/>.

The purpose of these documents is to improve preparedness for response and recovery operations following an acute waterway debris incident in North Carolina. The term acute waterway debris incident is used to generally describe an incident – either natural or anthropogenic – that results in the release of large amounts of waterway debris. The *Comprehensive Guidance Document* and complementary *Field Reference Guide* outline existing response structures at the local, state and federal levels to facilitate a coordinated, well-managed and immediate response to potential waterway debris incidents impacting the state of North Carolina. Individual organization roles and responsibilities are presented in a consolidated one-page flowchart which functions as a decision tree for waterway debris response. Additionally, permitting and compliance requirements for waterway debris removal have been synthesized in a one-page reference handout.

1.2 Scope of *Guide*

The *Comprehensive Guidance Document* and *Field Reference Guide* address potential acute waterway debris incidents affecting North Carolina’s coastline. For purposes of these documents, the term waterway debris (or incident waterway debris) is used in lieu of the term marine debris. In 33 U.S.C. § 1956(3), marine debris is defined as any persistent solid material that is manufactured or processed and directly or indirectly, intentionally or unintentionally, disposed of or abandoned into the marine environment or Great Lakes. Although vegetative debris is not included in the legal

definition for marine debris, North Carolina stakeholders have identified it as a common debris stream of concern following disasters in the state. To account for both marine debris and vegetative debris in this document, the term waterway debris is used and includes any solid material, including but not limited to vegetative debris and debris exposed to or that has the potential to release oil, hazardous substances, pollutants or contaminants, that enters a waterway following an acute incident and poses a threat to the natural or man-made environment. This may include shoreline and wetland debris and debris in some inland, non-tidal waterways.

2. North Carolina Waterway Debris Response Flowchart

The “North Carolina Waterway Debris Response Flowchart” on the following page provides a visual one-page representation of agency roles and responsibilities. The flowchart functions as a decision tree for waterway debris response with color-coded endpoints. Yellow endpoints represent response to waterway debris that is exposed to or has the potential to release oil, hazardous substances, pollutants or contaminants. Blue endpoints represent response to waterway debris that is not exposed to and does not have the potential to release oil, hazardous substances, pollutants or contaminants. Endpoints within the green shaded area indicate that response may occur under Robert T. Stafford Disaster Relief and Emergency Assistance Act (Stafford Act) authorities and/or funding.

North Carolina Waterway Debris Response Flowchart

Waterway Debris/Incident Waterway Debris
Any solid material, including but not limited to vegetative debris and debris exposed to or that has the potential to release oil, hazardous substances, pollutants or contaminants, that enters a waterway following an acute incident and poses a threat to the natural or man-made environment. This may include shoreline and wetland debris and debris in some inland, non-tidal waterways.

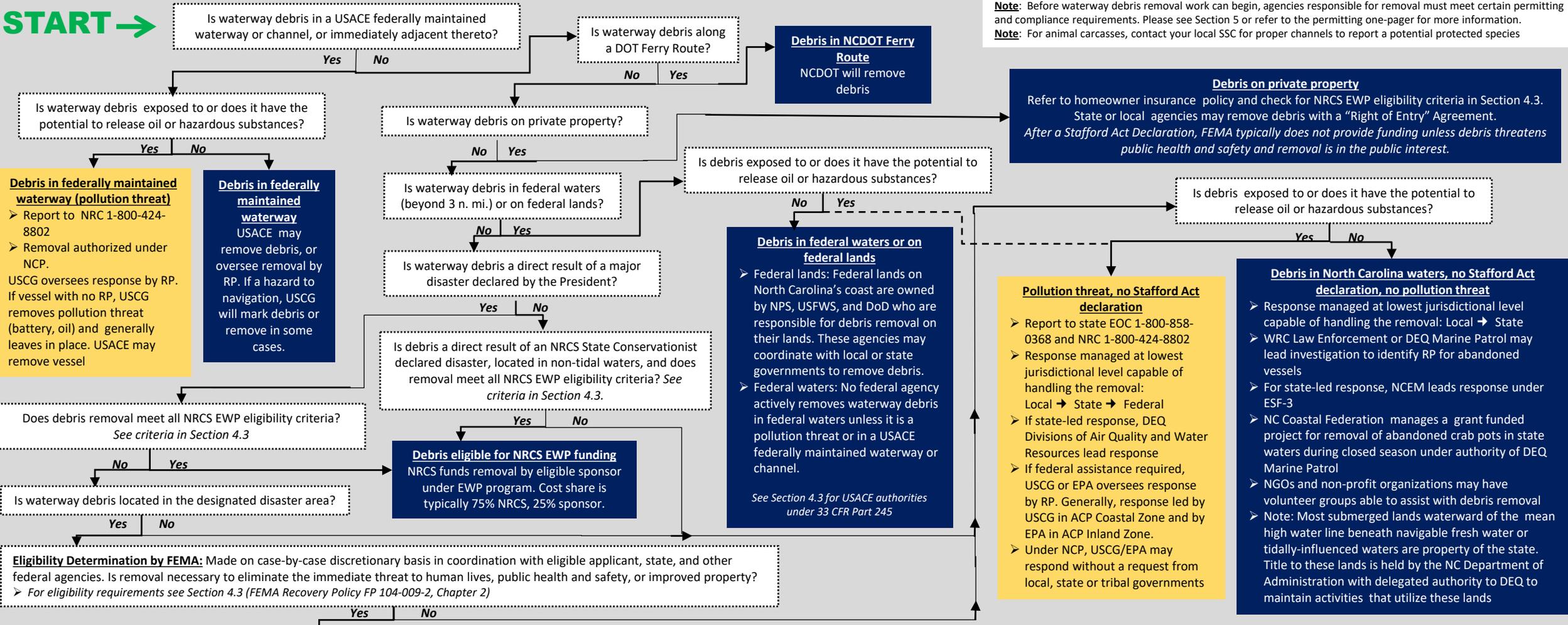
Acronyms

- ADV – Abandoned and Derelict Vessel
- ACP – Area Contingency Plan
- DEQ – NC Department of Environmental Quality
- DoD – U.S. Department of Defense
- EOC – Emergency Operations Center
- EPA – U.S. Environmental Protection Agency
- ESF – Emergency Support Function
- EWP – Emergency Watershed Protection Program
- FEMA – Federal Emergency Management Agency
- NCDOT – NC Department of Transportation
- NCEM – NC Emergency Management
- NGO – Non-governmental Organization
- NCP – National Oil & Hazardous Substance Contingency Plan
- NPS – National Park Service
- NRC – National Response Center
- NRCS – Natural Resources Conservation Service
- RP – Responsible Party (Owner, Operator, Lessee)
- USACE – U.S. Army Corps of Engineers
- USCG – U.S. Coast Guard
- USFWS – U.S. Fish and Wildlife Service
- WRC – NC Wildlife Resources Commission

Flowchart Key

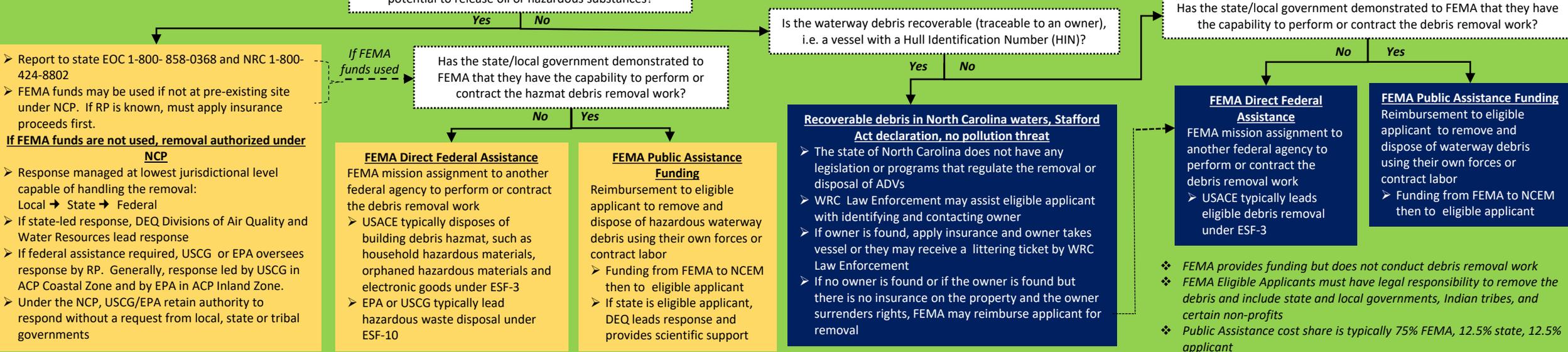
- Response to waterway debris that is exposed to or has the potential to release oil, hazardous substances, pollutants or contaminants
- Response to waterway debris that is not exposed to and does not have the potential to release oil, hazardous substances, pollutants or contaminants
- Indicates response may occur under Stafford Act authorities and/or funds

START →



Note: Before waterway debris removal work can begin, agencies responsible for removal must meet certain permitting and compliance requirements. Please see Section 5 or refer to the permitting one-pager for more information.
Note: For animal carcasses, contact your local SSC for proper channels to report a potential protected species

Stafford Act Declaration



3. Agency Jurisdictions and Capabilities

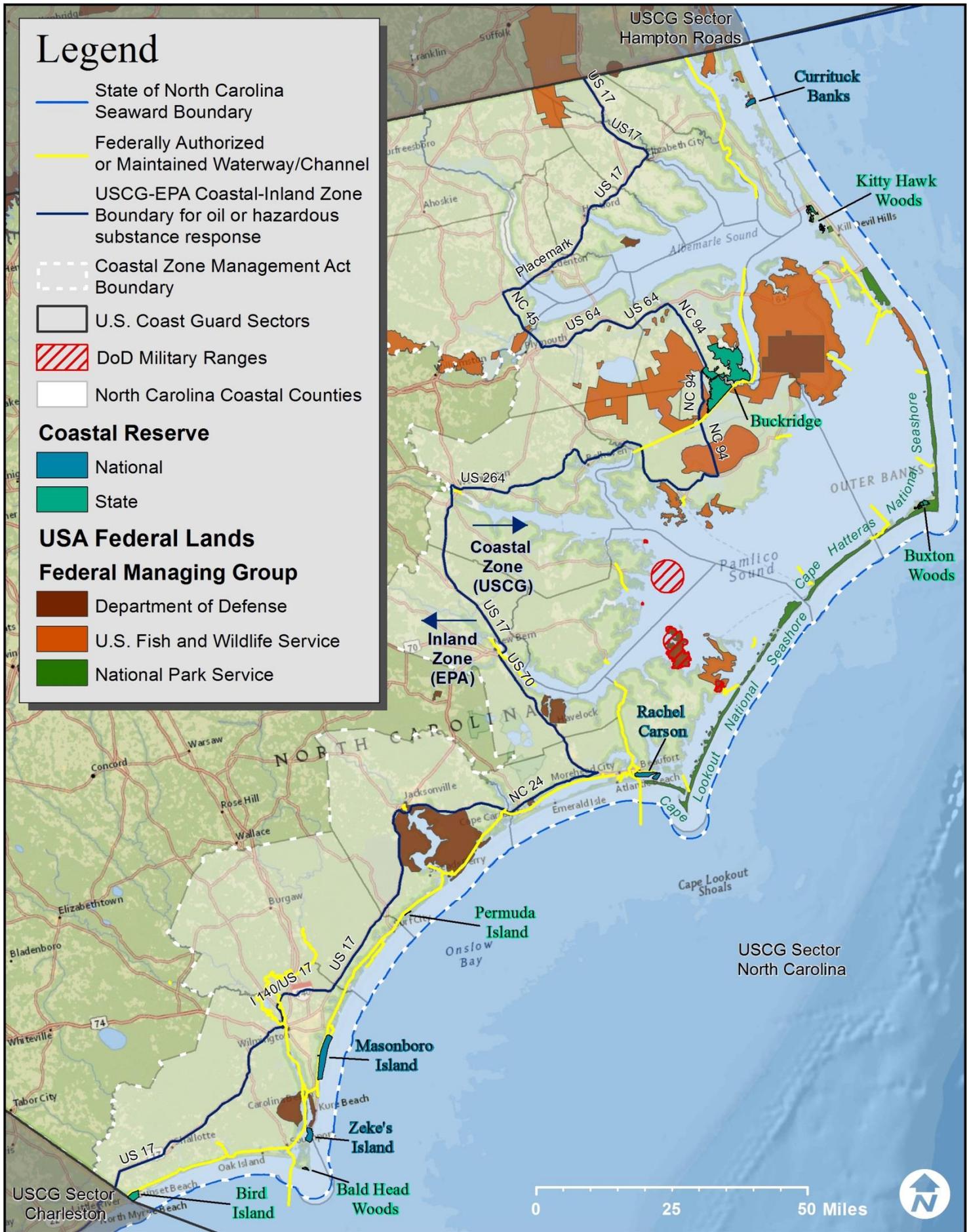
3.1 Agency Jurisdiction Map

3.2 Agency Response Capabilities

North Carolina Incident Waterway Debris Response Map

Legend

-  State of North Carolina Seaward Boundary
 -  Federally Authorized or Maintained Waterway/Channel
 -  USCG-EPA Coastal-Inland Zone Boundary for oil or hazardous substance response
 -  Coastal Zone Management Act Boundary
 -  U.S. Coast Guard Sectors
 -  DoD Military Ranges
 -  North Carolina Coastal Counties
- Coastal Reserve**
-  National
 -  State
- USA Federal Lands**
- Federal Managing Group**
-  Department of Defense
 -  U.S. Fish and Wildlife Service
 -  National Park Service



3.2 Agency Response Capabilities

Yes - In-house Capability		USACE Wilmington District	USCG Sector North Carolina	FEMA Region IV ¹²	USFWS	NOAA ¹⁴	NRCS	NPS	NC WRC	NC DEQ Waste Management	NC DEQ Water Resources	NCDEQ Coastal Management	NC DNCR	NC DOT
Contract - Contracted capability														
Technology	IT support during response (server/storage space for data and information sharing)					Yes			Yes ²¹	Yes	Yes			
	Multi-beam sonar	Yes ³				Yes			Yes ²¹					Yes
	Side scan sonar	Yes ³				Yes							Yes	Yes
	Single-beam sonar	Yes ³				Yes			Yes ²¹					Yes
	Magnetometers	Yes ³											Yes	
	Sediment profilers					Yes								
	Remote sensing	Contract				Yes					Yes		Yes	Yes
Manpower/Expertise	Communication/public information expertise (dedicated spokesperson/Public Information Officer)	Yes				Yes			Yes ²¹	Yes	Yes	Yes		Yes
	Compliance and permitting expertise	Yes		Yes	Yes	Yes		Yes ²⁰	Cont.	Yes	Yes	Yes	Yes	Yes
	Data/information management capabilities		Yes			Yes			Yes ²¹	Yes	Yes			Yes
	Debris modeling expertise (volume, transport, hindcasting, etc.)													
	Dedicated waterway/marine debris staff (responders, response team, regional coordination, etc.)												Yes	
	Dive support (scientific, technical, commercial, etc.)	Yes	Yes ⁴			Yes ¹⁵					Yes		Yes	Yes
	Environmental expertise (location of sensitive areas, endangered species present, etc.)	Yes	Yes	Yes	Yes	Yes ¹³	Yes	Yes	Yes		Yes	Yes		Yes
	GIS mapping and plotting of imagery	Yes ¹		Yes		Yes		Yes ²⁰	Yes ²¹		Yes	Yes		Yes
	Post-storm damage assessment teams			Yes				Yes				Yes		
	Hazardous substance and/or oiled debris expertise			Yes		Yes				Yes	Yes			
	Incident Command System (ICS) trained staff			Yes				Yes	Yes ²¹				Yes	
	Waterway management authority (law enforcement officers)			Yes					Yes					
	Technical expertise for removal operations (techniques, best management practices, etc.)	Yes ²	Yes	Yes		Yes	Yes	Yes			Yes	Yes		
	Maritime Transportation Recovery Unit (MTSRU) expertise			Yes										
	Protected species/Environmental Sensitivity Index (ESI) expert in the field					Yes		Yes	Yes		Yes	Yes		
Volunteer manpower			Yes	Yes		Yes					Yes			

Yes - In-house Capability		USACE Wilmington District	USCG Sector North Carolina	FEMA Region IV ¹²	USFWS	NOAA ¹⁴	NRCS	NPS	NC WRC	NC DEQ Waste Management	NC DEQ Water Resources	NCDEQ Coastal Management	NC DNCR	NC DOT
Contract - Contracted capability														
Equipment	Aircraft		Yes			Yes			Yes ²¹					
	Barge, Self-loading barge	Contract												Yes ²²
	Boom	Contract	Contract ⁵											
	Crane, Knuckleboom Crane	Contract												Yes ²²
	Environmental clamshell dredge													
	Excavator	Contract						Yes	Yes					
	Remotely Operated Vehicle (ROV)	Yes ³	Yes			Yes								
	Sampling Equipment					Yes			Yes		Yes			
	Unmanned Aerial Vehicle (UAV)/Surveillance drones	Yes	Yes ⁶			Yes						Yes		
	Vessels	Yes ³	Yes		Yes	Yes			Yes		Yes	Yes	Yes	
	Other specialized equipment that cannot be readily procured immediately following a debris incident	Contract	Yes		Yes									Yes
Logistics	Contract authority and oversight capabilities	Yes	Yes ¹¹			Yes	Yes ¹⁸				Yes			
	Pre-approved removal contractors													
	Pre-event contracts and staged agreements in place	Yes	Yes ¹⁰											
	Docks for wet storage of vessels		Yes ⁸									Yes		
	Facility suitable for establishing an emergency operations center (EOC)	Yes	Yes			Yes								
	Funding for waterway debris removal	Yes ³	Yes ⁷			Yes ¹⁶	Yes ¹⁹							
	Laboratory space					Yes					Yes	Yes		
	Research program established to analyze long-term trends, impacts, etc.					Yes				Yes	Yes			
	Staging/Off-Loading: Land with water access to stage, offload debris (has not been evaluated for suitability or officially pre-designated)								Yes	Yes				
	Staging/Off-Loading: Pre-designated staging, off-loading and special handling areas (already evaluated for suitability)		Yes							Yes				
	Pre-designated landfill/disposal sites (to include sites for vegetative debris and animal carcasses)									Yes				
Staging area for dry storage of vessels	Yes	Yes ⁹		Yes	Yes			Yes ²⁰		Yes	Yes			
Other logistical support, including fuel, housing, food, etc.					Yes ¹⁷									

Each agency self-reported capabilities which could be used during waterway debris response. Agencies were asked to indicate whether capabilities were in-house or were contracted through a third party. Gray cells reflect capabilities that agencies do not have and white cells represent capabilities that agencies are unsure of. Footnotes refer to additional information provided for a particular capability.

¹USACE – has a GIS cadre for response

²USACE – has planning response teams

³USACE – Funding in place for federal projects only

⁴USCG – Has divers but not typically used for waterway debris

⁵USCG – Small amounts of boom on hand but capable of using pre-event contracts for larger pollution events

⁶USCG – Surveillance drones not typically used for waterway debris

⁷USCG – Funding for pollution incidents only

⁸USCG – Docks for wet storage of vessels has limited space and suitable for larger vessels only

⁹USCG – Staging area for dry storage of vessels has limited space

¹⁰USCG – Pre-event contracts and staged agreements in place for pollution incidents only

¹¹USCG – Contract authority and oversight capabilities for USCG contracts only

¹²FEMA – Capabilities contingent upon a Presidential major disaster declaration. FEMA capable of mission-assigning other Federal support to increase capabilities. FEMA has interactive live collection and mapping capabilities and a template wet debris collector map for Region IV.

¹³NOAA – Coordinates marine mammal and sea turtle stranding response and reviews proposed debris removal activities for compliance with ESA and Magnuson-Stevens Fisheries Conservation and Management Act

¹⁴NOAA - Some capabilities require contract support for staffing

¹⁵NOAA - Dive capabilities do not include sites with oil or hazardous pollutants

¹⁶NOAA – Funding through grant program and possible Congressional supplemental funding

¹⁷NOAA - Weather and marine forecasts through National Weather Service in Newport, NC

¹⁸NRCS – Contract authority for EWP contracts only

¹⁹NRCS – Funding for authorized EWP contracts only

²⁰NPS – Capabilities for Cape Lookout National Seashore only

²¹NC WRC – Capabilities within Law Enforcement Division

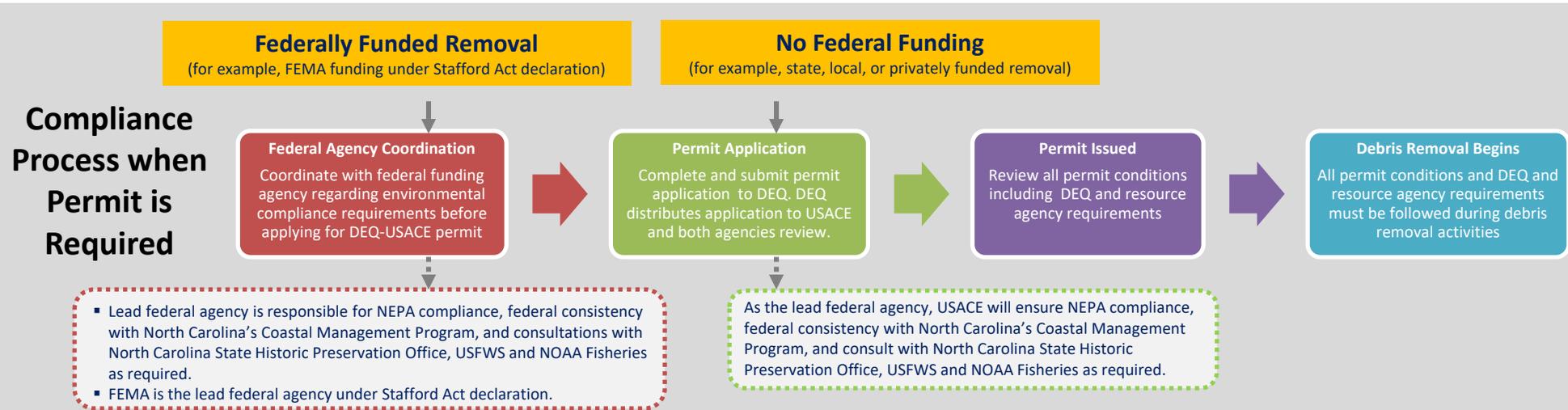
²²NC DOT– Capabilities within the Ferry Division

4. Permitting and Compliance Requirements in North Carolina

The “Permitting and Compliance for Waterway Debris Removal in North Carolina” one-pager on the following page synthesizes permitting and compliance requirements that must be met before waterway debris removal operations begin. The top portion of the one-pager outlines the process to follow to stay in compliance, while the bottom portion highlights specific state and federal agency requirements with general contact information.

Permitting and Compliance for Waterway Debris Removal in North Carolina

- U.S. Army Corps of Engineers (USACE) permit may be required for debris removal within waterways and wetlands. One or multiple permits may be needed.
- If a project requires a Coastal Area Management Act (CAMA) permit, the applicant can apply to NC Department of Environmental Quality (DEQ) Division of Coastal Management directly and the state and federal review will occur concurrently to expedite the process.
- The **lead federal agency** is responsible for compliance with National Environmental Policy Act (NEPA), federal coastal consistency, and consulting with resource agencies including North Carolina State Historic Preservation Office (SHPO), U.S. Fish and Wildlife Service (USFWS) and National Oceanic and Atmospheric Administration (NOAA) Fisheries as required.



Agency Requirements and Legislation Details

National Environmental Policy Act (NEPA)

- Requires federal agencies to follow a specific planning process to ensure environmental consequences of federally funded actions are considered

U.S. Army Corps of Engineers (USACE)

- Permit(s) that may be required for debris removal work within waterways and wetlands
 - NWP-3 Maintenance** for removal/maintenance of culverts, sediments or debris accumulated around outfalls, bridges, etc. in wetland areas
 - NWP-22 Removal of Vessels** for removal of wrecked, abandoned, or disabled vessels or other man-made obstructions to navigation
 - NWP-37 Emergency Watershed Protection & Rehabilitation** for work done under NRCS's Emergency Watershed Protection program
 - NWP-38 Cleanup Hazardous/Toxic Waste** for containment, stabilization, or removal of hazardous or toxic waste not under CERCLA/NCP
 - Programmatic GP 291:** Coastal Area Management Act. Issued for construction activities in the 20 coastal counties receiving prior approval from the state in the form of a CAMA Permit that are otherwise not eligible for federal authorization in the form of a nationwide permit

Wilmington District
Regulatory Division
910-251-4633

NC Department of Environmental Quality (DEQ)

- For waterway debris removal conducted in the North Carolina Coastal Area, DEQ simultaneously reviews USACE permit applications for consistency with North Carolina's Coastal Area Management Act (CAMA) Program
- A CAMA permit may be required for debris removal projects that:
 - Are in or affect an Area of Environmental Concern (AEC)
 - Disturb shellfish beds or fish nursery areas
 - May damage wetlands
 - May release pollutants into waters
- If a CAMA permit is required, the applicant can apply through the state and federal review will occur concurrently to expedite the process

Division of Coastal
Management
252-808-2808

NC Department of Natural and Cultural Resources

State Historic
Preservation Office
(SHPO)
919-807-6570

- Serves as the State Historic Preservation Office (SHPO) and ensures compliance with the National Historic Preservation Act.
- Consultation with SHPO required if waterway debris response involves federal permits and/or funding (USACE permit, FEMA funding, etc.) and has the potential to affect historic or cultural sites included in or eligible for the National Register of Historic Places.

U.S. Fish and Wildlife Service (USFWS)

Raleigh ESO
919-856-4520

- Consultation with local Ecological Services Office (ESO) required if waterway debris response involves federal permits and/or funding (USACE permit, FEMA funding, etc.) to comply with:
 - Endangered Species Act (ESA) to ensure actions do not adversely affect listed threatened or endangered species or critical habitat for land and freshwater species and certain marine species such as manatee.
 - Coastal Barrier Resources Act (CBRA) to ensure actions do not encourage development on coastal barriers along the Atlantic coast.

NOAA National
Marine Fisheries
Service (NOAA
Fisheries)
ESA: 727-824-5312
EFH: 727-570-5317

- Consultation required if waterway debris response involves federal permits and/or funding (USACE permit, FEMA funding, etc.) to comply with:
 - Endangered Species Act (ESA) to ensure actions do not adversely affect listed threatened or endangered species or critical habitat for marine species.
 - Magnuson-Stevens Fisheries Conservation and Management Act to ensure actions do not adversely affect Essential Fish Habitat (EFH).

5. Agency Contact Information

Local/State Agencies

Agency	Division	Topic	Point of Contact	Phone	Email
Coastal Area Management Act (CAMA) Counties	Beaufort County	Emergency Management	-	252-946-2046	-
	Bertie County	Emergency Services	-	252-794-5302	-
	Brunswick County	Emergency Services	-	910-253-5383	emergency.services@brunswickcountync.gov
	Camden County	Emergency Management	-	252-331-7474	-
	Carteret County	Emergency Management	Jen Sawyer	-	jen.sawyer@carteretcountync.gov
	Chowan County	Emergency Medical Services	-	252-482-4365	-
	Craven County	Emergency Management	-	252-636-6608	-
	Currituck County	Emergency Management	-	252-232-6010	-
	Dare County	Emergency Management	Drew Pearson, Director	-	drew.pearson@darenc.com
	Gates County	Emergency Services	-	252-357-5569	-
	Hertford County	Emergency Management	-	252-358-7861	-
	Hyde County	Emergency Services	-	252-452-0806	-
	New Hanover County	Emergency Management	Steven Still	-	sstill@nhcgov.com
			Joe Suleyman	-	jsuleyman@nhcgov.com
	Onslow County	Emergency Services	-	910-347-4270	-
	Pamlico County	Emergency Management	-	252-745-4131	-
	Pasquotank County	Emergency Management	-	252-331-7474	-
	Pender County	Emergency Management	-	910-259-1210	-
	Perquimans County	Emergency Management	-	252-426-5646	-
Tyrrell County	Emergency Management	-	252-796-1371	-	
Washington County	Emergency Management	-	252-793-4114	-	
NC Coastal Federation	-	-	Rachel Bisesi	252-393-8185	rachelb@nccoast.org
			Sara Hallas	252-393-8185	sarajh@nccoast.org

Local/State Agencies Continued

Agency	Division	Topic	Point of Contact	Phone	Email
NC Sea Grant Extension Program	-	General	Gloria Putnam	919-513-0117	gfputnam@ncsu.edu
NC Department of Agriculture and Consumer Services (DACS)	Division of Soil and Water Conservation	Stream Debris Removal	David Williams, Deputy Director	919-715-6103	david.b.williams@ncagr.gov
		Technical services	Natalie Woolard, Chief of Technical Services	252-948-3902	natalie.woolard@ncagr.gov
	Forest Service Division	Water Resources	Reid Hildreth	-	reid.hildreth@ncagr.gov
NC Department of Environmental Quality	Division of Coastal Management	CAMA permitting	Braxton Davis, Director	252-808-2808	braxton.davis@ncdenr.gov>
		NC Clean Marina	Patricia Durrett, NC Clean Marina & CVA Program Coordinator	252-808-2808x228	pat.durrett@ncdenr.gov
		Coastal Reserves	Rebecca Ellin	252-838-0880	rebecca.ellin@ncdenr.gov
			Paula Gillikin, Central Sites Manager	252-838-0886	paula.gillikin@ncdenr.gov
	Division of Marine Fisheries	Marine Patrol	Jason Walker	-	jason.walker@ncdenr.gov
	Division of Waste Management	Field Operations	Jason Watkins, Field Operations Branch Head	336-776-9674	jason.watkins@ncdenr.gov
		-	Michael Scott, Director, Division of Waste Management	919-707-8200	michael.scott@ncdenr.gov
		Oiled or hazardous debris	Wayne Randolph	910-796-7320	wayne.randolph@ncdenr.gov
	Division of Water Resources	-	Jay Zimmerman, Division Director	919-707-9027	jay.zimmerman@ncdenr.gov
-		Fred Tarver	-	fred.tarver@ncdenr.gov	
NC Emergency Management (NCEM)	Operations Section	Operations Section	Steve Powers, Deputy Director/Operations Chief	-	steve.powers@ncdps.gov
	Recovery Section	Recovery Section- Public Assistance	Todd Wright, Assistant Director	-	todd.wright@ncdps.gov
	-	Eastern Branch	Dianne Curtis, Eastern Branch Manager	-	dianne.curtis@ncdps.gov
			Melissa Greene, Area 3 Coordinator	-	melissa.greene@ncdps.gov
		Robin Lorenzen, Area 5 Coordinator	-	robin.lorenzen@ncdps.gov	
NC Department of Natural and Cultural Resources	State Historic Preservation Office	National Historic Preservation Act compliance	Renee Gledhill-Earley, Environmental Review Coordinator	919-814-6579	renee.gledill-earley@ncdcr.gov
	Underwater Archaeology Branch	Underwater Archaeology	Chris Southerly	910-251-7323	chris.southerly@ncdcr.gov
		Equipment capabilities	John Mintz, State Archaeologist	919-814-6555	john.mintz@ncdcr.gov

State Agencies Continued

Agency	Division	Topic	Point of Contact	Phone	Email
NC Department of Transportation (NCDOT)	Ferry Division	Technological capabilities	Keith Honeycutt, Area Locating Engineer	919-266-4078	khoneycutt@ncdot.gov
		Equipment capabilities	Lance Winslow	-	lwinslow@ncdot.gov
	-	Bridge Management	John Abel, Jr.	-	jabel@ncdot.gov,
		Disaster Recovery	Josh Kellen	-	jkellen@ncdot.gov
NC Wildlife Resources Commission (WRC)	Engineering and Land Management	Abandoned and Derelict Vessels	Ben Solomon, Environmental Specialist	919-707-0000	ben.solomon@ncwildlife.org
	Director's Office		Erik Christofferson, Deputy Director of Operations	919-707-0153	erik.christofferson@ncwildlife.org
	Habitat Conservation	Expertise capabilities	Maria Dunn, Coastal Habitat Coordinator	-	maria.dunn@ncwildlife.org
	Information Technology Section	IT support	Janice Underwood, IT Director	919-707-0110	janice.underwood@ncwildlife.org
	Law Enforcement	Sonar capabilities	Jon Evans, Colonel of Law Enforcement	919-707-0030	jon.evans@ncwildlife.org,
		-	Chris Huebner, Major Admin OPS	-	-

Federal Agencies

Agency	Division	Topic	Point of Contact	Phone	Email
Bureau of Safety and Environmental Enforcement (BSEE)	Marine Trash and Debris Program	Planning and coordination	James Sinclair, Marine Ecologist	504-736-2789	james.sinclair@bsee.gov
Federal Emergency Management Agency (FEMA)	Region IV	Funding following Presidential disaster declaration	Contact local Emergency Management Agency	-	-
		GIS mapping and plotting of imagery	Samuel (Moses) Wilkins, GIS Analyst	770-220-3128	samuel.wilkins@fema.dhs.gov
		Technical expertise for removal operations and environmental, compliance and permitting expertise	Saidat Thomas, Public Assistance Branch Chief	770-220-5248	saidat.thomas@fema.dhs.gov
			Benjamin Alexander, Unified Federal Review Coordinator	770-220-8842	benjamin.alexander@fema.dhs.gov
National Oceanic and Atmospheric Administration (NOAA)	National Marine Fisheries Service (NOAA Fisheries)	Emergency EFH Consultation	Pace Wilber	843-460-9926	pace.wilber@noaa.gov
		Emergency ESA Consultation	General Contact	727-824-5312	nmfs.ser.emergency.consult@noaa.gov
	NOS, Office of Coast Survey	Navigation	Kyle Ward, Southeast Regional Navigation Manager	843-740-1153	kyle.ward@noaa.gov
	NOS, National Centers for Coastal Ocean Science	Scientific and technical diving capabilities	Brian Degan, NOAA Divemaster	252-728-8704 (O)	brian.p.degan@noaa.gov
	NOS, Office of National Marine Sanctuaries	Archaeology and cultural resources	Joe Hoyt, Maritime Archaeologist and Research Coordinator	240-533-0701 (O)	joseph.hoyt@noaa.gov
	NOS, ORR, Emergency Response Division	Potential to release oil or hazardous material	Frank Csulak, District 5 Scientific Support Coordinator (SSC)	732-371-1005 (C) 732-872-3005 (O)	frank.csulak@noaa.gov
	NOS, ORR, Marine Debris Division	Response capabilities and coordination	Sarah Latshaw, Southeast Regional Coordinator	843-740-1154 (O), 843-697-7416 (C)	sarah.latshaw@noaa.gov
	National Weather Service	Weather and Marine Forecasts	David Glenn, Meteorologist-in-Charge	252-223-2530	david.glenn@noaa.gov

Federal Agencies Continued

Agency	Division	Topic	Point of Contact	Phone	Email
National Park Service (NPS)	Cape Hatteras National Seashore	Expertise capabilities	Tracy Ziegler Ph.D., Chief of Resource Management and Science	252-475-9016	tracy_ziegler@nps.gov
			John Kowllok, Chief of Maintenance	252-475-9024	john_kowllok@nps.gov
			Boone Vandzura, Chief of Visitor Use and Protection	252-475-9006	boone_vandzura@nps.gov
		Environmental and Compliance Expertise	Sabrina Henry, Environmental Protection Specialist	252-475-901	sabrina_henry@nps.gov
		Special Use Permits	Carmen Pantaleo, Special Park Uses Coordinator	252-475-9034	carmen_pantaleo@nps.gov
	Cape Lookout National Seashore	Dry Staging for Vessels	Steve Sabol, Operations Supervisor	252-838-8915	steven_sabol@nps.gov
		-	Tracy A. Ziegler Ph.D., Chief of Resource Management and Science	252-475-9016	tracy_ziegler@nps.gov
			Jeff West, Superintendent	252-728-2250 x 3014	jeff_west@nps.gov
		ESA information and Protected Species	Jon Altman, Supervisory Biologist	252-728-2250 x 3013	jon_altman@nps.gov
	Southeast Region	Incident Command Staff	Jill Jaworski, Chief Ranger	252-728-2250 x 3034	jill_jaworski@nps.gov
	Ocean Programs	Catherine (Anna) Toline, Marine Scientist - Oceans Program Coordinator	843-518-1939	catherine_toline@nps.gov	
Natural Resource Conservation Service (NRCS)	-	Emergency Watershed Protection (EWP) Program Information	Jim Kjelgaard, State Conservation Engineer	919-873-2130	jim.kjelgaard@nc.usda.gov
U.S. Army Corps of Engineers (USACE)	Emergency Operations	Response capabilities	Janelle Mavis, Chief Readiness & Contingency Operations	910-251-4944	janelle.m.mavis@usace.army.mil
	Navigation	Federally maintained waterway or channel	Roger Bullock, Chief of Navigation	910-251-4822	roger.d.bullock@usace.army.mil
			Todd Horton, Chief Geospatial Services Section	910-251-4067	james.t.Horton@usace.army.mil
	Regulatory	Compliance and permitting expertise	Mickey Sugg, Chief Wilmington Regulatory Field Office	910-251-4811	mickey.t.sugg@usace.army.mil
			David Lekson, Chief Washington Regulatory Field Office	910-251-4558	david.m.lekson@usace.army.mil
			Jean Gibby, Chief Raleigh Regulatory Field Office	919-554-4884 x 24	jean.b.gibby@usace.army.mil
			Scott Jones, Asheville Regulatory Field Office	828-271-7980 x 4222	scott.jones@usace.army.mil
U.S. Coast Guard (USCG)	District 5, Sector North Carolina	Potential to release oil or hazardous material	National Response Center (NRC)	1-800-424-8802	-
		Response Capabilities	Terry Hasenhour, MSD Fort Macon	910-362-4015	terry.l.hasenauer@uscg.mil

Federal Agencies Continued

Agency	Division	Topic	Point of Contact	Phone	Email
U.S. Environmental Protection Agency (EPA)	Region IV	Potential to release oil or hazardous substance	National Response Center (NRC)	800-424-8802	-
		Planning and coordination	Gary Andrew, RRT IV and ESF-10 Coordinator	678-733-1621	andrew.gary@epa.gov
		Capability contact	EPA Region IV Duty Officer	404-562-8700	-
U.S. Fish and Wildlife Service (USFWS)	Ecological Services Program	Compliance and permitting expertise	John Ellis, Ecological Services Office	-	john_ellis@fws.gov
	National Wildlife Refuges	Alligator River NWR	Scott Lanier	252-473-1132x223	scott_lanier@fws.gov
		Cedar Island NWR	Kevin Keeler	252-225-2511	kevin_keeler@fws.gov
		Mattamuskeet NWR	Michelle Chappell	252-926-4021	michelle_chappell@fws.gov
		Pea Island NWR	Arthur Beyer	252-473-1132x235	arthur_beyer@fws.gov



Wilbur L. Ross, Jr.
United States Secretary of Commerce

Dr. Neil Jacobs
Assistant Secretary of Commerce for Environmental Observation and Prediction,
performing the duties of Under Secretary of Commerce for Oceans and Atmosphere

Nicole R. LeBoeuf
Acting Assistant Administrator for Ocean Services
and Coastal Zone Management