

Georgia Marine Debris Emergency Response Guide: Field Reference Guide

NOAA Marine Debris Program National Oceanic and Atmospheric Administration U.S. Department of Commerce April 2024

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1 Introduction

1.1 Purpose

This *Field Reference Guide* condenses information contained in the *Georgia Marine Debris Emergency Response Guide: Comprehensive Guidance Document (Guide)* to facilitate use during emergency response operations. While the *Comprehensive Guidance Document* serves as a complete reference for marine debris response in Georgia, the *Field Reference Guide* includes organization contacts and the most pertinent information for quick reference in the field and during times of crisis. Both documents and subsequent versions will be posted on the NOAA Marine Debris Program website at <u>https://marinedebris.noaa.gov/our-work/emergency-response</u>.

The purpose of this document is to improve preparedness for response and recovery operations following a disaster the generates marine debris in Georgia. 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 marine debris incidents impacting the state of Georgia. Individual organization roles and responsibilities are presented in a consolidated one-page flowchart, which functions as a decision tree for waterway debris response. Organization jurisdictions are presented in a map in this document. A dynamic version of the jurisdiction map is also available <u>online</u>. Additionally, permitting and compliance requirements for waterway debris removal have been synthesized in a one-page reference handout.

1.2 Scope of Guide

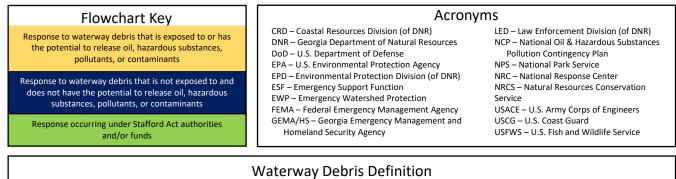
The *Guide* addresses both natural and anthropogenic marine debris incidents affecting Georgia's coastline. In 33 U.S.C. § 1956(3), marine debris is defined as any persistent solid material that is manufactured or processed and directly or indirectly, intentionally or unintentionally, disposed of or abandoned into the marine environment or Great Lakes. Although vegetative debris is not included in the legal definition for marine debris, Georgia stakeholders have identified it as a

common debris stream of concern following natural disasters. Therefore, in this document, the term marine debris is used more generally and also includes vegetative material and debris that could be exposed to or release oil, hazardous substances, pollutants, or contaminants that enters a waterway following an acute incident and poses a threat to the natural or built environment. This also includes shoreline and wetland debris and debris in some inland, non-tidal waterways.

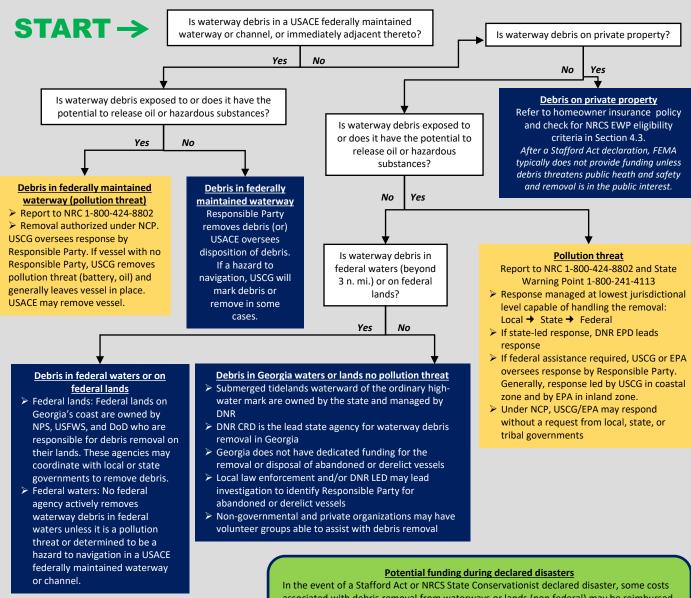
2 Georgia Marine Debris Response Flowchart

The "Georgia Marine Debris Response Flowchart" included in this section provides a visual onepage representation of organization roles and responsibilities. The flowchart functions as a decision tree for marine debris response with color-coded endpoints. Yellow endpoints represent response to marine debris that is exposed to or has the potential to release oil, hazardous substances, pollutants, or contaminants. Blue endpoints represent response to marine debris that is not exposed to and does not have the potential to release oil, hazardous substances, pollutants, or contaminants. The backside of this handout entitled, "Stafford Act Declaration Response" includes the response processes that may occur under Robert T. Stafford Disaster Relief and Emergency Assistance Act (Stafford Act) authorities and/or funding.

Georgia Waterway Debris Response Flowchart



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.



associated with debris removal from waterways or lands (non federal) may be reimbursed by FEMA or NRCS, if eligible. The response process during Stafford Act major disaster declarations can be found on the back of this handout and in Section 4.3. Information on debris removal funding through the NRCS EWP program can be found in Section 4.3.

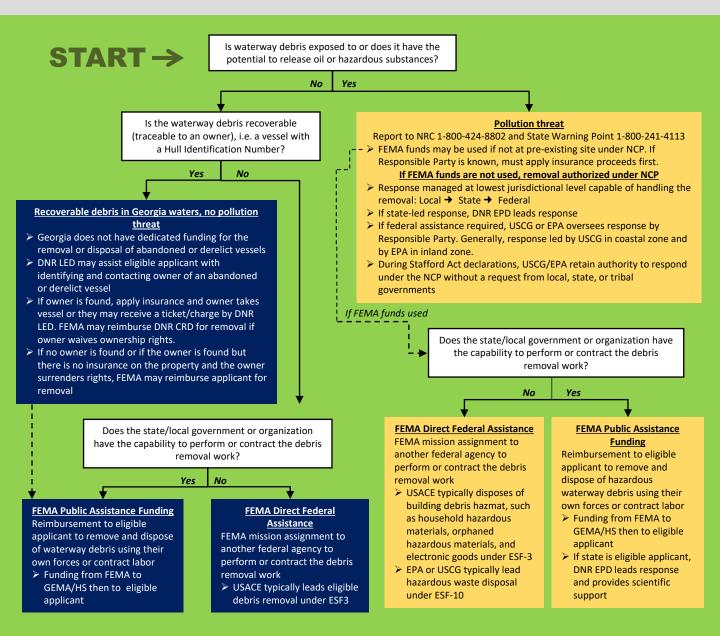
Stafford Act Declaration Response

The proccess outlined in the flowchart below shows the likely response during a major disaster declaration

If waterway debris is located within the designated disaster area and the following critera are met, proceed at the start arrow below.

Eligibility Determination by FEMA: Made on a case-by-case discretionary basis in coordination with eligible applicant, state, and other federal agencies. Removal must be necessary to eliminate the immediate threat to human lives, public health and safety, or improved property.

- > Debris in federally maintained navigable channels and waterways is not eligible for FEMA reimbursement
- For navigable waterways, debris removal is limited to a max depth of 2 feet below the low tide draft of the largest vessel that utilized the waterway prior to the incident. Any debris below this zone is not eligible unless it is necessary in order to remove debris extending upward into an eligible zone.
- > For non-navigable waterways, including natural waterways, debris removal is only eligible to the extent that it is necessary to eliminate an immediate threat including the following: if the debris obstructs, or could obstruct, intake structures; if the debris could cause damage to structures; or if the debris is causing, or could cause, flooding to property during the occurrence of a 5-year flood (See FEMA Recovery Policy FP 104-009-2)



FEMA provides funding but does not conduct debris removal work

- ÷ FEMA eligible applicants must have legal responsibility to remove the debris and include state and local governments, Indian tribes, and certain non-profits ÷
- Public assistance cost share is typically 75% FEMA, 12.5% state, 12.5% applicant

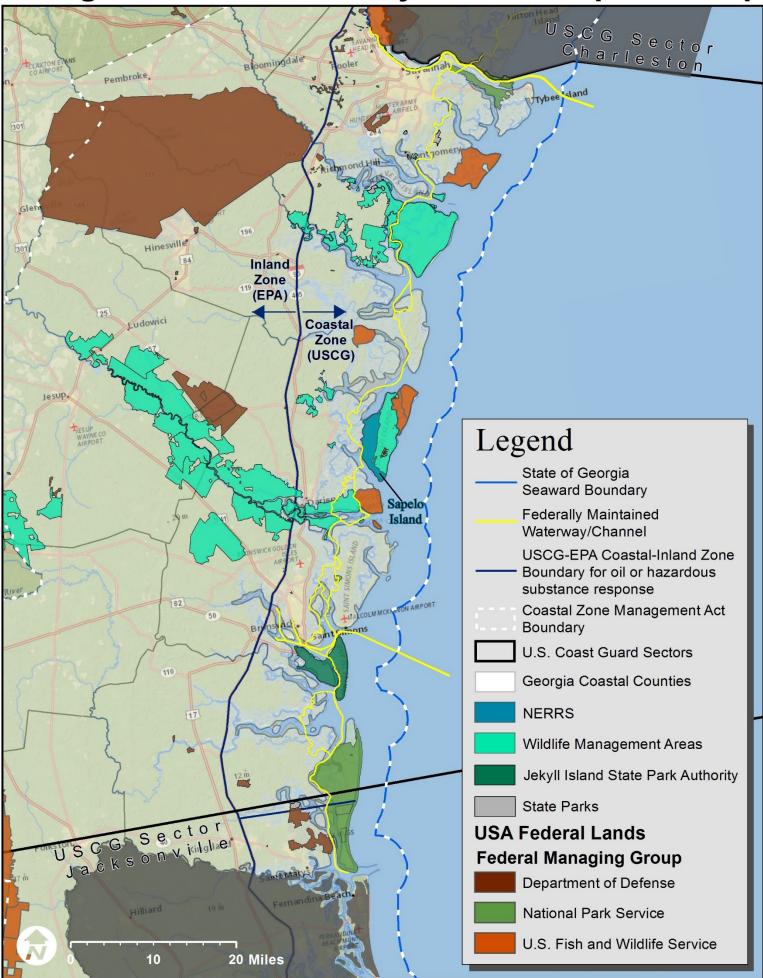
3 Agency Jurisdictions and Capabilities

3.1 Agency Jurisdiction Map

The "Georgia Marine Debris Response Map" on the following page displays relevant agency jurisdiction boundaries in Georgia's 11 coastal counties. After a marine debris incident, the agency (or agencies) responsible for removing debris will vary depending on where the debris is located. This map includes information that stakeholders identified as important in determining jurisdiction within the state. A dynamic version of this map is also available <u>online</u> through the Emergency Response Management Application (ERMA).

3.2 Organization Response Capabilities

Georgia Incident Waterway Debris Response Map



3.2 Organization Response Capabilities

	Yes - In-house Capability	EPA Region	FEMA Region	National Park Service	NOAA⁵	NRCS	USFWS	DNR EPD	DNR LED	GDOT	GEMA/ HS	Jekyll Island	Savannah EM	Savannah
	Contract - Contracted capability	IV	IV ¹	Service				EPD	LED		пз	Authority	EIVI	Riverkeepers
	Aerial photography and video	Contract			Yes				Yes		Contract		Contract	
	Communication radios	Yes		Yes ^{2.4}					Yes	Yes	Yes	Yes	Yes	
	Geographic Information Systems (GIS)	Yes		Yes ^{2.4}	Yes						Yes	Yes	Yes	Contract
logy	Hazardous materials or unknown substance identification testing	Yes						Yes ¹¹					Yes	
lour	Mobile applications for reporting													
Tecl	Remote sensing (with IT support and management available)				Yes									
	Multi-beam sonar				Yes									
	Side-scan sonar				Yes				Yes					
	Single-beam sonar				Yes									
	Compliance and permitting expertise	Yes	Yes	Yes	Yes		Yes	Yes		Yes			Yes	
	Dedicated spokesperson/Media personnel	Yes		Yes	Yes			Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Dive support	Contract		Contract ^{2,4}	Yes ⁶					Yes			Yes	
	Environmental expertise (location of sensitive areas, endangered species present, etc.)	Yes	Yes	Yes ^{2,3} Cont ⁴	Yes ⁷	Yes	Yes	Yes	Yes	Yes		Yes	Yes	Contract
ertise	GIS mapping and plotting of imagery expertise	Contract	Yes	Yes ^{2,4}	Yes						Yes	Yes	Yes	Contract
per	Hazardous materials response	Yes						Yes					Yes	
/er/Ex	Incident Command System (ICS) staff/training	Yes	Yes	Yes	Yes		Yes	Yes	Yes		Yes	Yes	Yes	
wodu	Incident Management team	Yes		Yes ³ Cont ^{2,} 4					Yes	Yes	Yes		Yes	
Mar	Medical emergency response/site safety expertise			Yes ³								Yes		
	National Weather support			Contract ²	Yes						Yes			
	Technical expertise for removal operations (techniques, best management practices, etc.)	Yes	Yes	Contract ²	Yes	Yes		Yes		Yes				Contract
	Volunteer coordinator			Yes ^{2.4}							Yes	Yes		Yes
	Volunteer manpower			Yes ^{2,4}								Yes		Yes

	Yes - In-house Capability	EPA	FEMA	National Park	NOAA⁵	NRCS	USFWS	DNR	DNR	GDOT	GEMA/	Jekyll Island	Savannah	Savannah
	Contract - Contracted capability	Region IV	Region IV ¹	Service	NOAA	NICS	051 W5	EPD	LED	0001	HS	Authority	EM	Riverkeepers
	Amateur radio capabilities/interoperability			Contract ²							Yes		Yes	
	Aircraft	Contract			Yes				Yes			Contract		
	Barge/Self-loading barge	Contract												
	Containment boom	Contract		Yes ³									Yes	Contract
	Crane/Knuckleboom crane	Contract											Yes	
	Debris clearance packages (Route clearance manpower teams and/or equipment)			Yes ³						Yes		Yes	Yes	
	Excavator	Contract		Yes ²						Yes		Yes	Yes	
ient	Hazardous materials response equipment	Contract											Yes	
ipm	Heavy/Earth-moving machinery	Contract								Yes		Yes	Yes	
Equil	Landing craft			Yes ³										Yes
	Portable power generation			Yes ^{2,3}					Yes			Yes	Yes	Contract
	Remotely Operated Vehicle (ROV)				Yes				Yes					
	Sharepoint site/common operating picture			Yes ³	Yes				Yes				Yes	
	Unmanned Aerial Vehicle (UAV)/Surveillance drones				Yes						Yes			
	Vessels	Contract		Yes ^{2,3}	Yes				Yes				Yes	
	Other specialized equipment that cannot be readily procured immediately following a debris incident	Contract							Yes					
	Docks for wet storage of vessels			Yes ³					Yes			Contract	Yes	Contract
	Facility suitable for establishing an Emergency Operations Center (EOC)			Yes ^{2,4}							Yes	Yes	Yes	Yes
stics	Funding for marine debris removal	Yes		Contract ²	Yes ⁸	Yes ⁹								
Logistics	Pre-designated landfill/disposal sites (to include vegetative and animal carcasses)											Yes	Yes	
	Staging/Off-Loading: Land with water access to stage, offload debris (has not been evaluated for suitability or officially pre-designated)			Yes ²								Yes	Yes	Contract

	Yes - In-house Capability	EPA Region	FEMA Region	National Park	NOAA⁵	NRCS	USFWS	DNR	DNR	GDOT	GEMA/	Jekyll Island	Savannah	Savannah
	Contract - Contracted capability	īv	IV ¹	Service				EPD	LED		HS	Authority	EM	Riverkeepers
, cont.	Staging/Off-Loading: Pre-designated staging, off-loading and special handling areas (already evaluated for suitability)			Yes²									Yes	
ogistics	Staging area for dry storage of vessels								Yes			Contract		Yes
Logi	Other logistical support, including fuel, housing, food, etc.								Yes			Contract	Yes	Contract
	Contract authority and oversight capabilities	Yes		Yes ¹² Cont. ⁴	Yes	Yes ¹⁰				Yes		Yes	Contract	
	Inter-jurisdictional agreements in place			Yes ^{2,3}						Yes			Yes	
saupa	List of pre-approved programmatic agreements between agencies			Yes ³						Yes			Yes	
are	List of qualified contractors							Yes ¹²		Yes			Yes	
Prep	Pre-approved marine debris removal contractors													
	Pre-event contracts and staged agreements in place	Yes											Yes	

Each organization self-reported capabilities which could be of use during marine debris response. Organizations were asked to indicate whether capabilities were in-house or were contracted through a third party. Footnotes refer to additional information provided for a particular capability.

¹FEMA – 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.

²NPS – Ft. Pulaski only

- ³NPS Cumberland Island National Seashore only
- ⁴NPS Ft. Frederica only
- ⁵NOAA Some capabilities require contract support for staffing
- ⁶NOAA Dive capabilities do not include sites with oil or hazardous pollutants

⁷NOAA – 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

⁸NOAA – Funding through grant program and possible Congressional supplemental funding

⁹NRCS – Funding for authorized EWP contracts only

- ¹⁰NRCS Contract authority for EWP contracts only
- ¹¹DNR EPD Can provide limited water/soil/sediment testing

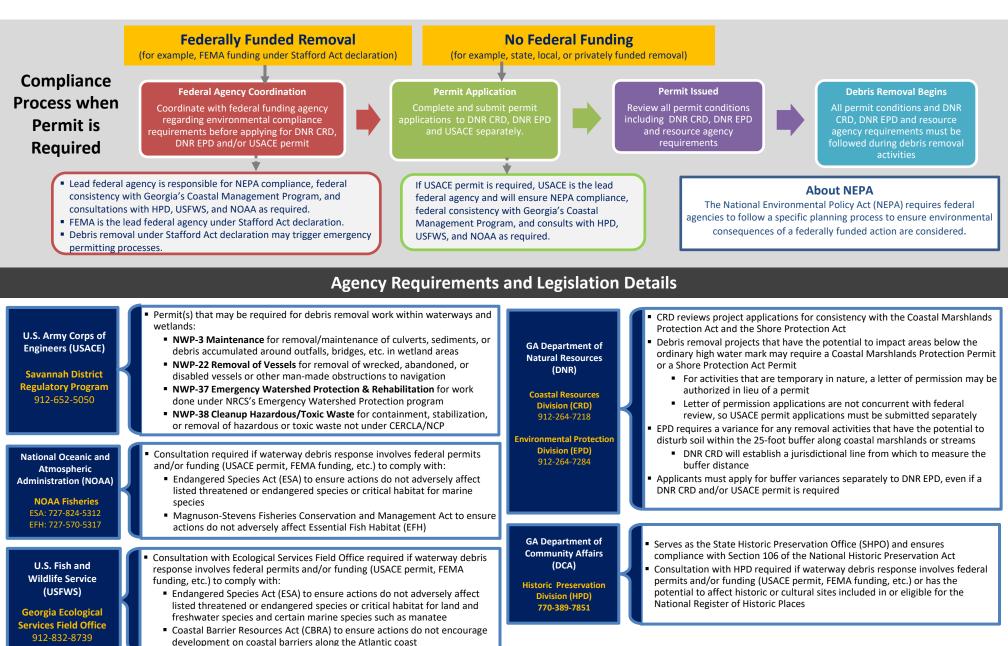
¹²DNR EPD – Maintains a list of spill response contractors but does not verify or qualify them

4 Permitting and Compliance Requirements in Georgia

The "Permitting and Compliance for Marine Debris Removal in Georgia" 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 Georgia

- In Georgia, a Georgia Department of Natural Resources (DNR) Coastal Resources Division (CRD) permit, Environmental Protection Division (PRD) permit, and/or a U.S. Army Corps of Engineers (USACE) permit may be required if debris removal involves excavating, dredging, the discharge of fill or dredge material, or involves structures or work impacting navigable waterways or wetlands
- DNR and USACE do not have a joint permit application process. Applicants must apply through both DNR and USACE separately
- The <u>lead federal agency</u> is responsible for compliance with National Environmental Policy Act (NEPA), federal coastal consistency, consulting with resource agencies including Georgia Department of Community Affairs (DCA) Historic Preservation Division (HPD), DNR, U.S. Fish and Wildlife Service (USFWS), and the National Oceanic and Atmospheric Administration (NOAA) Fisheries as required



5 Organization Contact Information

Local Agencies/Organizations

Agency	Division	Торіс	Point of Contact	Phone	Email
	Brantley County	Emergency Management	Michelle Lee, Director	912-276-0041	ema@brantleycounty-ga.gov
	Bryan County	Emergency Management	Freddy Howell, Director	912-756-1982	fhowell@bryan-county.org
	Camden County	Emergency Preparedness	Charles White, Director	912-464-4054	cnwhite@co.camden.ga.us
	Charlton County	Emergency Preparedness	Bruce C. Young, Director	912-486-1081	byoung@charltoncountyga.gov
			Joseph Bandy, Special Ops Chief	912-658-0430	jbandy@savannahha.gov
			Angel Howard, IT Manager	912-704-3764	jonnie.howard@savannahga.gov
			David Donnelly, Director, Emergency Management	912-652-3812	ddonnelly@savannahga.gov
			Shawn Emerson, Dockmaster	912-651-3634	semerson@savannahga.gov
	Chatham County		Stephen Henry, Director, Transportation Services	912-238-1453	shenry@savannahga.gov
GA Coastal Counties		City of Savannah	Lester Hendrix, Senior Director, Water Resources Division	912-525-3100 x1569	lhendrix@savannahga.gov
Counties			David Maxwell, CFO	912-652-6434	dmaxwell@savannahga.gov
			Tom McDonald, Permitting/Floodplain Manager	912-651-6530 x1895	tmcdonald@savannahga.gov
			Q Andrews, Sanitation Director	912-429-2215	qandrews@savannahga.gov
			Jessica Thompson, GIS Analyst	912-651-6510 x1845	jthompson@savannahga.gov
		Emergency Management	Dennis T. Jones, Director	912-201-4500	dtjones@chathamcounty.org
	Effingham County	Emergency Management	Clinton Hodges, Director	912-754-8200	chodges@effinghamcounty.org
	Glynn County	Emergency Management	Andrew Leanza, Director	912-293-0330	aleanza@glynncounty-ga.gov
	Long County	Emergency Management	Edward M. Brewer, Director	912-302-4432	lcema@outlook.com
	McIntosh County	Emergency Management	Ty S. Poppell, Director	912-258-1343	ty.poppell@mcintoshcounty-ga.gov
	Wayne County	Emergency Management	Donald Ray, Director	912-427-5979	dray@waynecouantyga.us

Local Organizations Continued

Agency Division		Торіс	Point of Contact	Phone	Email
Savannah Riverkeeper	-	Volunteer Coordination	Tonya Bonitatibus, The Savannah Riverkeeper	706-826-8991	info@savannahriverkeeper.org

State Agencies

Agency	Division	Торіс	Point of Contact	Phone	Email	
GA Department of Community Affairs (DCA)	Historic Preservation Division	National Historic Preservation Act Compliance, Section 106	Environmental Review	404-679-4840	er@dca.ga.gov	
			Jill Andrews, Section Chief	912-264-7218	jill.andrews@dnr.ga.gov	
	Coastal	Coastal Management Program	Jennifer Kline, Coastal Hazards Specialist	912-264-7218	Jennifer.kline@dnr.ga.gov	
	Resources Division	Marsh and Shore Management Program	Josh Noble, Program Manager	912-264-7218	josh.noble@dnr.ga.gov	
		Compliance and Enforcement	Charles "Buck" Bennett, Compliance and Enforcement Manager	912-262-3132	buck.bennett@dnr.ga.gov	
GA Department of Natural	Environmental Protection Division	Reporting Oil or Hazardous Material Releases	State Warning Point	1-800-241-4113	-	
Resources (DNR)			Emergency Response Section	Robert Mangum Emergency Response Manager	470-587-6872	robert.mangum@dnr.ga.gov
		Coastal District	Beth Stevenson, District Manager	912-264-7284	beth.stevenson@dnr.ga.gov	
		Watershed Protection Branch	Shannon Winsness, Environmental Specialist	912-554-3492	shannon.winsness@dnr.ga.gov	
	Law Enforcement	Debris Decreases Canabilities	Sgt. Mark Carson	912-262-3165	mark.carson@dnr.ga.gov	
	Division	Debris Response Capabilities	Cpt. Chris Hodge Region VI Supervisor	912-264-7237	chris.hodge@dnr.ga.gov	
GA Department		Watonways Program	Ralph B. "Trey" Daniell III, Waterways Program Manager	478-357-7651	rdaniell@dot.ga.gov	
of Transportation (GDOT)	-	Waterways Program	David Middleton, Assistant Waterways Program Manager	404-326-6300	dmiddleton@dot.ga.gov	

State Agencies Continued

Agency	Division	Торіс	Point of Contact	Phone	Email
GA Emergency Management	Emorgonov		Lamar McEwen, Emergency Management Operations Manager	404-387-3734	lamar.mcewen@gema.ga.gov
and Homeland Security Agency	Management	Operations	s Tim Head, Emergency Management Deputy Operations Manager		timothy.head@gema.ga.gov
(GEMA/HS)			24-hour State Warning Point	800-TRY-GEMA	commo@gema.ga.gov
GA Ports Authority	Police Department	-	Barry Dorsey, Lieutenant	912-963-5595	bdorsey@gaports.com
	Georgia Sea Turtle		Davide Zailo, Research Program Manager	912-580-1433	dzailo@jekyllisland.com
Jekyll Island	Center Conservation	Debris Response, GIS, and UAV Capabilities	Michelle Kaylor, Director of the GST	912-635-4090	mkaylor@jekyllisland.com
Authority	Conservation		Yank Moore, Conservation Coordinator	912-635-4178	ymoore@jekyllisland.com
	Public Services	Debris Response Capabilities	Noel Jenson, Chief Operations Officer	912-635-4091	njensen@jekyllisland.com
	Public Safety	Debris Response Capabilities	Dennis Gailey, Director of Public Safety	912-635-2930	dgailey@jekyllisland.com

Federal Agencies

Agency	Division	Торіс	Point of Contact	Phone	Email
Bureau of Safety and Environmental Enforcement (BSEE)	Marine Trash and Debris Program	Planning and coordination	Tarice Taylor, Marine Ecologist	504-736-2551	tarice.taylor@bsee.gov
		Funding following Presidential disaster declaration	Contact local Emergency Management Agency	-	-
Fodoral Emorgonau		GIS mapping and plotting of imagery	Brandon Bolinski, Region IV GIS Coordinator	770-220-5430	brandon.bolinski@fema.dhs.gov
Federal Emergency Management Agency (FEMA)	Region IV	Taskaisel superties for removal	Saidat Thomas, Public Assistance Branch Chief	770-220-5248	saidat.thomas@fema.dhs.gov
		Technical expertise for removal operations and environmental, compliance, and permitting expertise	Dustin Hill, Environmental Planning & Historic Protection Specialist	202-714-8690	dustin.hill@fema.dhs.gov
			Paul Wilson	770-220-5621	paul.wilson2@fema.dhs.gov
	NOAA Fisheries	Emergency EEU Consultation	Pace Wilber	843-592-3024	pace.wilber@noaa.gov
		Emergency EFH Consultation	General Contact	727-570-5317	-
		Emorgoney ESA Concultation	General Contact	727-824-5312	nmfs.ser.emergency.consult@no aa.gov
		Emergency ESA Consultation	Joe Cavanaugh, ESA Section 7 Emergency Coordinator	-	joseph.cavanaugh@noaa.gov
National Oceanic and Atmospheric	NOS, ORR,	Potential to release oil or hazardous	John Tarpley, Regional Operations Branch Chief	206-459-8638	john.tarpley@noaa.gov
Administration (NOAA)	Emergency Response Division	material	Bradford Benggio, Scientific Support Coordinator (SSC) for USCG District 7	954-684-8486	brad.benggio@noaa.gov
	NOS, ORR, Marine Debris Program	Response capabilities and coordination	Caroline Morris, Southeast Regional Coordinator	854-202-2738	caroline.morris@noaa.gov
	NOS, Office of Coast Survey	Navigation and preparation response	Kyle Ward, Southeast Regional Navigation Manager	301-651-4852	kyle.ward@noaa.gov
	National Weather Service, Jacksonville, FL	Weather and Marine Forecasts, Glynn and Camden Counties	Meteorologist/Forecaster in Charge	904-741-4411 x1	sr-jax.severewx@noaa.gov

Federal Agencies Continued

Agency	Division	Торіс	Point of Contact	Phone	Email
		Fort Pulaski National	Jessie Jordan, Chief Ranger	912-800-1936	jessie_jordan@nps.gov
		Monument	Miguel Roman, Operations Supervisor	912-755-1762	celso_roman@nps.gov
			Emily Forlenza, Facility Manager	404-273-0788	forlenza_emily@nps.gov
		Fort Frederica National	David W. Morgan, Director, Southeast Archeological Center	850-580-8423	david_morgan@nps.gov
National Park Service (NPS)	National Sites	Monument	Michael Seibert, Chief of Resources	912-638-3639	michael_seibert@nps.gov
Service (INFS)		Cumberland Island National Seashore	Michael Seibert, Chief of Resources	912-638-3639	michael_seibert@nps.gov
			Gary Ingram, Superintendent	912-882-4336 x221	-
	Southeast Region	Oceans Program	Catherine (Anna) Toline, Marine Scientist - Oceans Program	843-518-1939	catherine_toline@nps.gov
Natural Resource	_	Emergency Watershed Protection (EWP) Program	Diane Guthrie, State Conservation Engineer	706-546-2310 (O) 706-255-5740 (C)	diane.guthrie@usda.gov
Conservation Service (NRCS)		Information	Stephen Perschke, State Agricultural Engineer	706-546-2221	stephen.perschke@usda.gov
			Jason O'Kane, Division Chief	912-652-5276	jason.d.okane@usace.army.mil
		Compliance and permitting	Shaun Blocker, Deputy Chief	912-652-5086	shaun.l.blocker@usace.army.mil
	Regulatory	expertise	William Rutlin, Chief, Coastal Branch	912-652-5893	william.m.rutlin@usace.army.mil
U.S. Army Corps			General Contact	912-652-5050	-
of Engineers (USACE),	Navigation	Federally maintained	Jonathan Broadie, Navigation Section Chief	912-652-6142	jonathan.a.broadie@usace.army.mil
Savannah District	Navigation	waterway or channel	Lon Lyford, Coastal Section Chief	912-652-6144	lonzo.n.lyford@usace.army.mil
	Emergency	Response capabilities	Matt Collins, Emergency Management Specialist	912-652-5433	matthew.p.collins@usace.army.mil
	Management	-	Emergency Management Division Direct Line	912-652-5434	-

Federal Agencies Continued

Agency	Division	Торіс	Point of Contact	Phone	Email
	District 7 Marine	Potential to release oil or hazardous material	National Response Center (NRC)	800-424-8802	-
	District 7, Marine Safety Unit	-	Main Line	912-652-4353	-
U.S. Coast	Savannah	-	Command Duty Officer	912-247-0073	-
Guard (USCG)		Response capabilities	James Keith Jones, Preparedness Specialist	912-652-4353 x229	james.k.jones@uscg.mil
	District 7, Sector Charleston	-	Command Center	843-724-7600	-
U.S.		Potential to release oil or hazardous substance	National Response Center (NRC)	800-424-8802	-
Environmental Protection	Region IV	Planning and coordination	Jed Hewitt, Region IV & FEMA Liaison	470-813-6925	hewitt.jed@epa.gov
Agency (EPA)		Capability contact	EPA Region IV Duty Officer	404-562-8700	-
	National Wildlife Refuges (NWR)	Savannah Coastal Refuges Complex	Nathan Hawkaluk	843-784-9911 x101	nathan_hawkaluk@fws.gov
U.S. Fish and Wildlife Service		-	Richard Kanaski, Regional Archeologist	912-257-5434	richard_kanaski@fws.gov
(USFWS)	Ecological Services Program	Compliance, permitting, and	Bill Wikoff, Fish and Wildlife Biologist	912-832-8739 x5	bill_wikoff@fws.gov
		environmental/species expertise	General Contact	912-832-8739	-



Gina M. Raimondo United States Secretary of Commerce

Dr. Richard W. Spinrad Under Secretary of Commerce for Oceans and Atmosphere and NOAA Administrator

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