



U.S. Virgin Islands 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 *U.S. Virgin Islands 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 the U.S. Virgin Islands, 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 <https://marinedebris.noaa.gov/our-work/emergency-response>.

The purpose of these documents is to improve preparedness for response and recovery operations following a disaster that generates marine debris in the U.S. Virgin Islands. The *Comprehensive Guidance Document* and complementary *Field Reference Guide* outline existing response structures at the territory and federal levels to facilitate a coordinated, well-managed, and immediate response to marine debris incidents impacting shorelines and waterways in the U.S. Virgin Islands. Organization roles and responsibilities are presented in a consolidated one-page [flowchart](#) which functions as a decision tree for marine debris response. Additionally, organization jurisdictions are presented in a [map](#), which is also available [online](#). The document also includes an overview of permitting and compliance requirements that must be met before debris removal work begins. This information is synthesized in a one-page reference [handout](#).

1.2 Scope of *Guide*

The *Guide* addresses both natural and anthropogenic marine debris incidents affecting Alabama’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, 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 U.S. Virgin Islands Marine Debris Response Flowchart

The “U.S. Virgin Islands Marine Debris Response Flowchart” provides a visual one-page 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 could be exposed to or 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. 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.

The intent of the flowchart is to outline the most likely response structure with the understanding that flexibility is an inherent component of an effective response.

U.S. Virgin Islands Marine Debris Emergency Response Flowchart

Purpose
This flowchart functions as a decision tree for marine debris response with color-code endpoints. It is designed to inform response to debris that enters a waterway following a natural or anthropogenic incident and poses a threat to the natural or built environment. This may include shoreline debris and debris in some inland, non-tidal waterways.

Acronyms

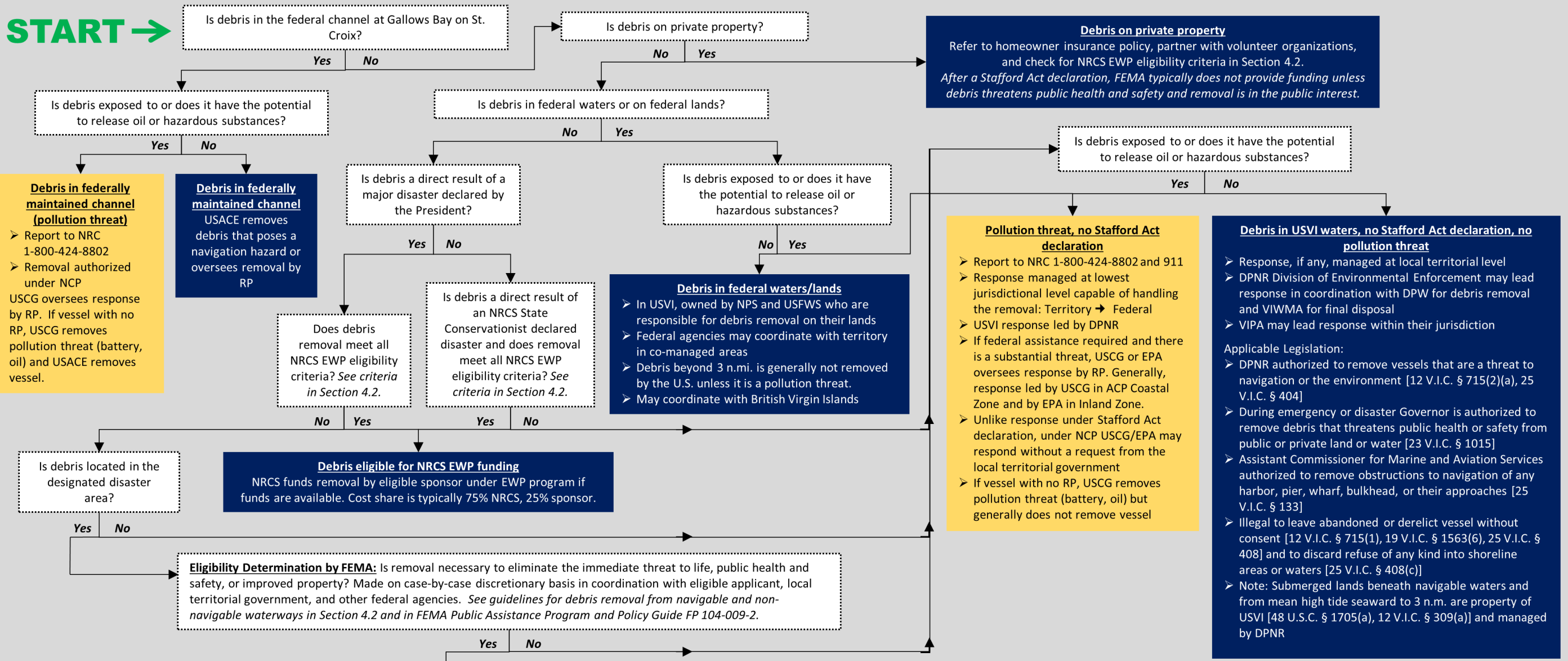
ACP – Area Contingency Plan
DPNR – Department of Planning and Natural Resources
DPW – Department of Public Works
EPA – U.S. Environmental Protection Agency
ESF – Emergency Support Function
EWP – Emergency Watershed Protection
FEMA – Federal Emergency Management Agency

NCP – National Oil & Hazardous Substances 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

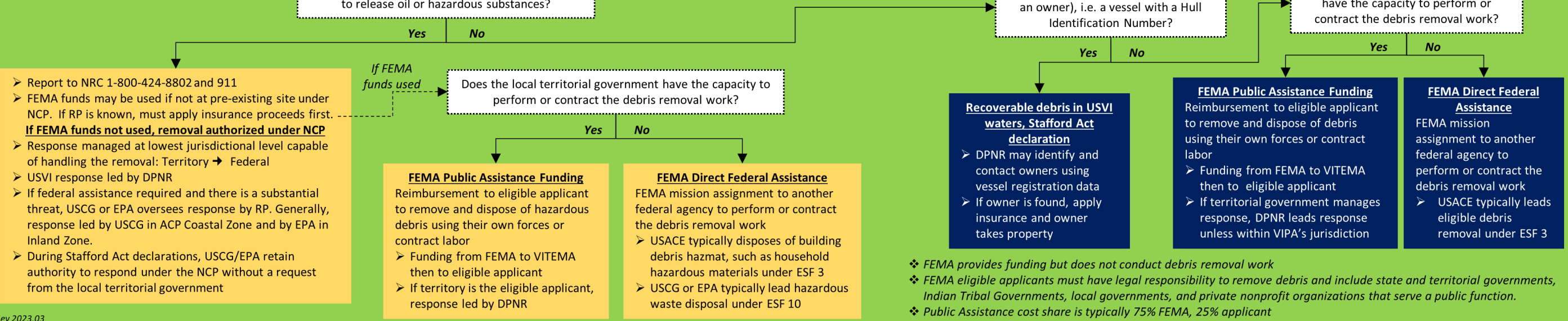
USFWS – U.S. Fish and Wildlife Service
USVI – U.S. Virgin Islands
VIPA – Virgin Islands Port Authority
VITEMA – Virgin Islands Territorial Emergency Management Agency
VIWMA – Virgin Islands Waste Management Authority

Flowchart Key

Response to marine debris that is exposed to or has the potential to release oil, hazardous substances, pollutants, or contaminants
Response to marine 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



Stafford Act Declaration

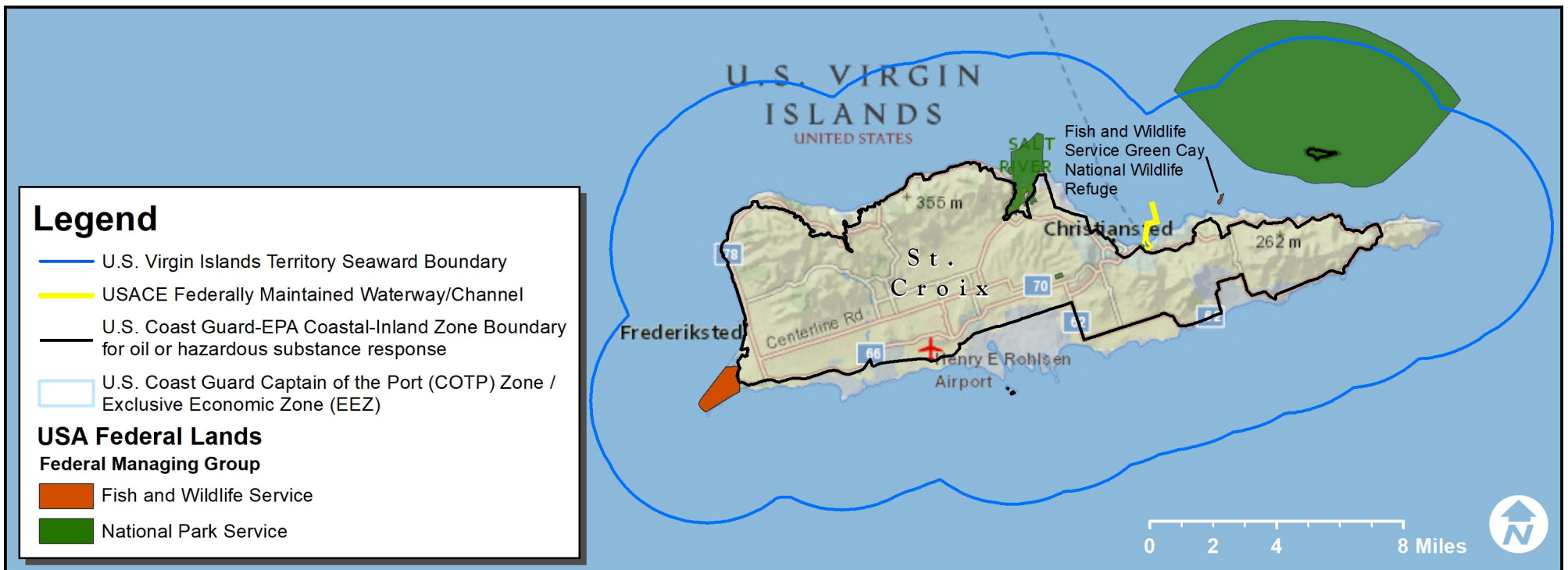
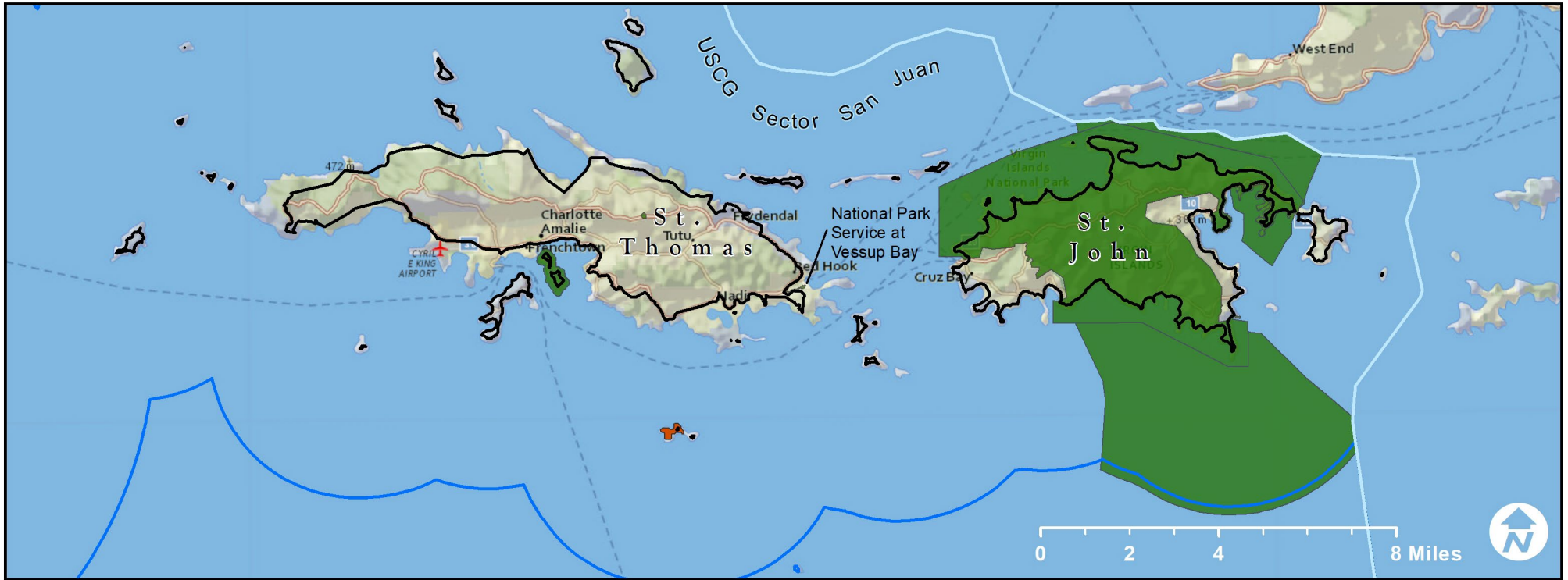


3 Organization Jurisdictions and Capabilities

3.1 U.S. Virgin Islands Marine Debris Response Map

The “U.S. Virgin Islands Marine Debris Response Map” displays relevant agency jurisdiction boundaries. After a marine debris incident, the agency (or agencies) with jurisdiction and authority 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 territory. A dynamic version of the response map is also available [online](#) in NOAA’s Environmental Response Management Application (ERMA).

U.S. Virgin Islands Marine Debris Response Map



3.2 Response Capabilities

Capabilities which could be used during marine debris response in the U.S. Virgin Islands were either identified through research or were self-reported by an organization. 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.

		Territorial Agencies			Federal Agencies						
Yes (Y) - Verified In-house Capability		DPNR	UVI Center for Marine and Environmental Studies: USVI Marine Advisory Service	VIPA	EPA Region 2 ⁴	FEMA ⁵ Region 2	NOAA	NPS	USACE	USCG ²⁰	USFWS
Cont. (C) - Contracted capability											
Technology	Aerial photography and video	Yes ¹			Yes	Cont. ⁶	Yes ¹²	Cont. ¹⁵	Cont.	Yes	
	Data management/sharing capabilities (common operating picture)	Yes ²			Yes	Yes	Yes	Yes ¹⁵		Yes	
	Remote sensing (LIDAR)				Yes	Cont. ⁶	Yes ¹²	Cont. ¹⁵	Cont.		
	Sub-Surface Detection: Side scan, Single-beam, or Multi-beam sonar			Cont.		Cont. ⁶	Yes	Cont. ¹⁵	Cont.		
Equipment	Boom			Cont.		Cont. ⁶			Cont.	Cont.	
	Emergency telecommunications equipment			Yes	Yes	Y ⁷ C		Yes	Yes	Yes	
	Heavy equipment: barge, cherry picker, crane, environmental clamshell dredge, excavator, etc.				Cont.	Cont. ⁶		Cont.	Cont.	Cont.	
	Helicopters				Cont.	Cont. ⁶		Cont.		Yes	
	Portable GPS units	Yes ^{1,3}	Yes	Yes	Yes	Y ⁷ C	Yes ¹³	Yes	Cont.	Yes	
	Remotely Operated Vehicle (ROV)/Underwater drones		Yes			Cont. ⁶	Yes	Cont.	Cont.		
	Trucks	Yes ^{2,3}		Yes	Cont.	Cont. ⁶		Yes	Cont.	Cont.	
	Unmanned Aerial Vehicle (UAV)/Surveillance drones	Yes ^{1,3}				Cont. ⁶	Yes ¹²	Cont.	Cont.		
	Vessels	Yes ³	Yes	Yes	Cont.	Cont. ⁶	Yes	Yes	Cont.	Yes	
	Waste reduction equipment: grinders, incinerator, shredder					Cont. ⁶		Cont.	Cont.		
	Waste storage/transportation equipment: dumpsters, shipping containers				Cont.	Cont. ⁶		Cont.		Cont.	
	Dedicated waterway/marine debris staff (responders, response team, regional coordination, etc.)				Yes	Cont. ⁶	Yes	Cont.	Cont.	Yes	
	Workforce/Expertise	Dive support	Yes ^{1,3}	Yes	Cont.	Cont.	Cont. ⁶	Yes ¹³	Yes ¹⁶		Yes
Environmental, archaeological, or cultural resource expertise (location of sensitive areas, endangered species present, etc.)		Yes ^{1,2,3}	Yes		Yes	Y C ⁶	Yes ^{12,13}	Yes	Yes		Yes ²¹
Geographic Information System (GIS) mapping and plotting of imagery		Yes ^{1,2,3}			Yes	Y C ⁸	Yes	Yes ¹⁷	Yes		
HAZWOPER trained staff					Yes	Y C ⁶	Yes	Yes		Yes	
Incident Command System (ICS) trained staff		Yes ²			Yes	Yes	Yes	Yes	Yes	Yes	Yes
Public affairs/outreach processes in place with trained staff		Yes ^{1,2}	Yes	Yes	Yes	Yes		Yes		Yes	
Public health expertise (for poisonous vegetative debris)		Cont. ³				Y C ⁶		Yes		Cont.	
Restoration expertise (wetlands, corals, submerged aquatic vegetation, etc.)		Y ^{1,3} C ²	Yes			Cont. ⁶	Yes ¹³	Yes		Cont.	
Staff with knowledge of FEMA (Stafford Act) process and documentation requirements		Yes ²	Cont.		Yes	Y C ⁶	Yes	Yes	Yes	Yes	Yes
Technical expertise for removal operations (techniques, BMPs, etc.)		Yes ¹			Yes	Y C ⁶	Yes	Yes	Yes	Yes	

		Territorial Agencies			Federal Agencies						
Yes (Y) - Verified In-house Capability		DPNR	UVI Center for Marine and Environmental Studies: USVI Marine Advisory Service	VIPA	EPA Region 2 ⁴	FEMA ⁵ Region 2	NOAA	NPS	USACE	USCG ²⁰	USFWS
Cont. (C) - Contracted capability											
Logistics	Contracting: Pre-approved marine debris removal contractors	Cont. ²		Cont.		Cont. ⁶		Yes	Cont.	Yes	
	Contracting: Pre-event contracts and staged agreements in place				Yes	Cont. ⁹		Yes	Cont.	Yes	
	Funding for marine debris removal				Yes	Yes ¹⁰	Yes ¹⁴				
	Guidelines for debris removal and management	Yes ³			Yes	Cont. ¹¹		Yes		Yes	Yes ²¹
	List of pre-approved mooring (safe harbor) locations	Yes ^{2,3}		Yes				Yes ¹⁸		Yes	
	List of vessel owners	Yes ³		Yes				Yes ¹⁸		Yes	
	List of landowners in USVI	Yes ²		Cont.							
	Pre-permitted dumpster locations	Yes ²		Yes							
	Staging/Off-Loading: Land with water access to stage, offload debris (has not been evaluated for suitability or officially pre-designated)	Yes ^{1,2,3}						Yes ¹⁹		Yes	
	Staging/Off-Loading: Pre-designated (pre-permitted) staging, off-loading and special handling areas (already evaluated for suitability)	Yes ²						Yes	Cont.		
	Volunteer manpower/Volunteer coordination	Yes ¹	Yes				Yes ¹³	Yes	Cont.		

¹DPNR Reported by Division of Coastal Zone Management

²DPNR Reported by State Historic Preservation Office

³DPNR Reported by Division of Fish and Wildlife

⁴EPA EPA and USCG share federal responsibility for responding to oil and hazardous substances, pollutants and contaminants, with USCG primarily responsible for the coastal zone

⁵FEMA Capabilities contingent upon a presidential major disaster declaration. FEMA Region 2 capable of mission-assigning other federal support to increase capabilities.

⁶FEMA Mission assignment through operations/branch chief or can be contracted through the recipient/sub-recipient if determine eligible by the public assistance program

⁷FEMA Provided to critical personnel on a case by case basis

⁸FEMA Mission assignment through operations/branch chief

⁹FEMA Can be contracted through the recipient/sub-recipient if determine eligible by the public assistance program

¹⁰FEMA May provide reimbursement public assistance funding for eligible debris removal during presidential major disaster declarations when another federal agency does not have authority to fund the activity

¹¹FEMA Territorial debris management plan can be adopted, or if one is not available guidelines can be determined by mission assignment subject matter experts

¹²NOAA National Ocean Service, National Geodetic Survey, Remote Sensing Division

¹³NOAA National Marine Fisheries Service, Habitat Conservation Division

¹⁴NOAA Funding through grant program and possible Congressional supplemental funding

¹⁵NPS Most imaging done with partner agencies. Some submerged imaging can be done locally and with assistance from NPS Southeast Regional Office and Southeast Archaeological Center in Florida or with support from NPS Washington Office.

- ¹⁶NPS Two dive teams in USVI (based in St Croix and St. John) but most divers are not trained to dive in certain hazardous situations. St. John team has divers equipped for Occupational Safety and Health Administration commercial dive standard, as well as public service and scientific dives.
- ¹⁷NPS GIS capability is possible through the NPS Southeast Regional Office and the South Florida-Caribbean Inventory and Monitoring Network
- ¹⁸NPS NPS St. John manages the storm refuge system in Hurricane Hole, within Virgin Islands Coral Reef National Monument. Maintain list of registered vessels with owner contact information.
- ¹⁹NPS NPS has permitted USVI Territorial Government to use NPS lands for vessel staging and crushing activities (in 2017). St. John maintains the primary public boat ramp in Cruz Bay, as well as docking locations in Cruz Bay St. John, Red Hook Harbor St. Thomas, and at Hassel Island near St. Thomas. Most dock areas are adjacent to relatively large and flat areas accessible to motorized vehicles.
- ²⁰USCG Debris only removed under ESF 10 or if it is oily debris
- ²¹USFWS BMPs for sensitive habitats and listed species

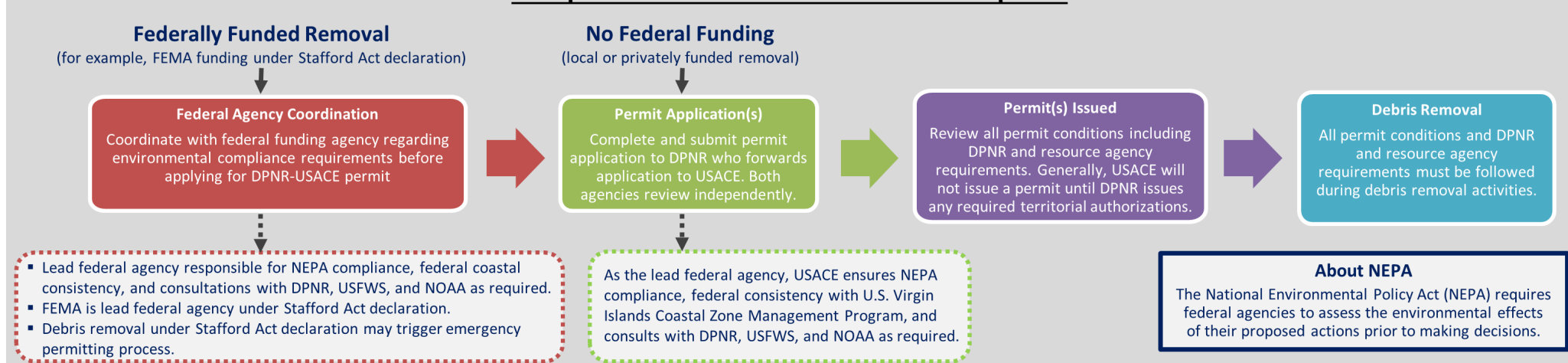
4 Permitting and Compliance Requirements in the U.S. Virgin Islands

The “Permitting and Compliance for Marine Debris Removal in the U.S. Virgin Islands” handout on the following page synthesizes permitting and compliance requirements that must be met before 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 territorial and federal agency requirements with general contact information.

Permitting and Compliance for Marine Debris Removal in the U.S. Virgin Islands

- In U.S. Virgin Islands, a Department of Planning and Natural Resources (DPNR) minor water coastal zone permit and U.S. Army Corps of Engineers (USACE) permit may be required if debris removal involves dredging, the discharge of dredge or fill material, or involves structures or work impacting the navigability of a waterway.
- The **organization or individual conducting the debris removal** is responsible for obtaining necessary permits, and DPNR and USACE have a joint permit application process.
- The **lead federal agency** is responsible for compliance with National Environmental Policy Act (NEPA), federal coastal consistency, and consulting with DPNR, U.S. Fish and Wildlife Service (USFWS), and the National Oceanic and Atmospheric Administration (NOAA) as required.

Compliance Process When Permit is Required



Primary Agency Requirements and Contact Numbers

<p>Department of Planning and Natural Resources (DPNR)</p> <p>St Thomas 340-774-3320 St. Croix 340-773-1082</p> <p>Coastal Zone Management Program czm@dprn.vi.gov</p> <p>State Historic Preservation Office 340-776-8605</p>	<p>Coastal Zone Management Program</p> <ul style="list-style-type: none"> ▪ Manages joint application process for debris removal in Tier 1 ▪ Serves as the initial agency to submit a permit application. DPNR forwards a copy to USACE and both agencies independently process application. ▪ Reviews federal actions for consistency with enforceable policies <p>Division of Environmental Protection <i>Solid Waste Management Program</i></p> <ul style="list-style-type: none"> ▪ Provides oversight and guidance for debris management and disposal ▪ Authorizes temporary debris management sites for declared disasters <p><i>Water Quality Management Program</i></p> <ul style="list-style-type: none"> ▪ Reviews federal permit applications for compliance with USVI water quality standards <p>Division of Fish and Wildlife</p> <ul style="list-style-type: none"> ▪ Ensures compliance with the Endangered and Indigenous Species Act <p>State Historic Preservation Office (SHPO)</p> <ul style="list-style-type: none"> ▪ Ensures compliance with National Historic Preservation Act and Virgin Islands Antiquities and Cultural Properties Act of 1998 ▪ Consultation with SHPO required if marine debris response involves a federal agency and/or funding (USACE permit, FEMA funding, etc.) to evaluate whether activities affect historic or cultural sites included in or eligible for the National Register of Historic Places 	<p>U.S. Army Corps of Engineers (USACE) Jacksonville District Antilles Office Regulatory Section 787-729-6905</p> <p>National Oceanic and Atmospheric Administration (NOAA) NOAA Fisheries ESA: 727-824-5312 EFH: 305-213-3089</p> <p>U.S. Fish and Wildlife Service (USFWS) Caribbean Ecological Services Field Office 787-851-7297</p>	<ul style="list-style-type: none"> ▪ USACE Antilles Office and DPNR have a joint permit application process ▪ In emergencies, USACE may waive permitting for marine debris removal if there is no substrate disturbance. USACE recommends coordination to confirm. ▪ Some permits that may be required for debris removal in waterways and wetlands are: <ul style="list-style-type: none"> ▪ NWP-3 Maintenance for removal/maintenance of culverts, sediments or debris accumulated around outfalls, bridges, etc. ▪ NWP-18 Minor Discharges of dredge or fill material ▪ NWP-19 Minor Dredging of no more than 25 cubic yards ▪ NWP-22 Removal of Vessels for removal of wrecked, abandoned, or disabled vessels or other man-made obstructions to navigation ▪ Consultation required if marine debris response involves federal permits and/or funding (USACE permit, FEMA funding, etc.) to comply with: <ul style="list-style-type: none"> ▪ Endangered Species Act (ESA) to ensure actions do not jeopardize the continued existence of any listed endangered or threatened marine species or adversely modify designated critical habitat ▪ Magnuson-Stevens Fisheries Conservation and Management Act to ensure actions do not adversely affect Essential Fish Habitat (EFH) ▪ Consultation required if marine debris response involves federal permits and/or funding (USACE permit, FEMA funding, etc.) to comply with: <ul style="list-style-type: none"> ▪ Endangered Species Act to ensure actions do not adversely modify designated critical habitat or jeopardize the continued existence of any listed endangered or threatened land or freshwater species and certain marine species such as manatee ▪ Coastal Barrier Resources Act to ensure actions do not encourage development on coastal barriers of the U.S. Virgin Islands.
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5 Contact Information

Note: Contact information is only included for organizations who have provided and/or approved information in the following tables.

Territorial Agencies

Agency	Division	Topic	Point of Contact	Phone	Email
Department of Planning and Natural Resources (DPNR)		General questions	Main Office (St. Thomas)	340-774-3320	-
		General questions	Main Office (St. Croix)	340-773-1082	-
		Planning and coordination	JP Oriol, Commissioner	340-774-3320	jp.oriol@dpnr.vi.gov
		Public affairs	Jamal Nielsen, Public Information Officer	-	jamal.nielsen@dpnr.vi.gov
	Division of Coastal Zone Management (VICZMP)	Capability: Workforce/expertise, logistics	Marlon Hibbert, Director	340-773-1082	marlon.hibbert@dpnr.vi.gov
		Planning and coordination	Zola Roper, USVI Marine Debris Coordinator	340-774-3320 ext. 5134	zola.ropер@dpnr.vi.gov
		Permitting	General contact	-	czm@dpnr.vi.gov
	Division of Environmental Enforcement	St. Croix; Capability: List of vessel owners; staging/off-loading; mooring locations	Howard Forbes Sr., Director	340-773-5774	howard.forbes@dpnr.vi.gov
		St. Thomas and St. John	Jessica Magras-Parris, Assistant Director	340-774-3320	jessica.magras-parris@dpnr.vi.gov
	Division of Fish and Wildlife	Capability: Equipment, guidelines for environmental, marine fisheries, and wildlife including flora and fauna, research, permitting, mooring locations, staging/off-loading, dive support, restoration expertise	Nicole Angeli, Director	340-773-1082	nicole.angeli@dpnr.vi.gov
			Alfonso Garcia, Environmental Specialist	340-773-1082	alfonso.garcia@dpnr.vi.gov
			Julia Plotkin, Environmental Specialist	340-773-1082	julia.plotkin@dpnr.vi.gov
	State Historic Preservation Office	Historic preservation	Sean Krigger, Acting Director/Deputy SHPO	340-776-8605	sean.krigger@dpnr.vi.gov
Office of Lieutenant Governor	GIS Division	Capability: GIS	Chris George, GIS Administrator	340-774-2991 x 4321	geo.info@lgo.vi.gov
Virgin Islands Department of Public Works (DPW)			St. Croix Office	340-773-1290	-
			St. John Office	340-776-6346	-
			St. Thomas Office	340-776-4844	-
Virgin Islands Port Authority (VIPA)		Planning and coordination	Carlton Dowe, Executive Director	340-774-1629 (O) 340-227-7675 (C)	cdowe@viport.com
			Mervyn Constantine, Marine Manager-STX	340-626-0920	mconstantine@viport.com
			Jeffrey Saldana, Chief Wharfinger	340-626-9886	jsaldana@viport.com
		Capability: Equipment, logistics	Joseph Cranston Jr., Marine Manager	340-201-8518	jcranston@viport.com
		Capability: Workforce/expertise	Monifa Marrero Brathwaite, Public Information Manager	340-244-1065	info@viport.com
Capability: Sub-surface detection	Playland Marine LLC	340-643-3913	playland.marine@gmail.com		

Territorial Agencies Continued

Agency	Division	Topic	Point of Contact	Phone	Email
Virgin Islands Territorial Emergency Management Agency (VITEMA)	-	Planning and coordination	Daryl Jaschen, Director	-	daryl.jaschen@vitema.vi.gov
		Risk to public health and safety	Emergency Operations Center – St. Thomas/St. John	340-774-3320 x 5156	-
			Emergency Operations Center – St. Croix	340-773-2244	-
	VITEMA Headquarters	General questions	VITEMA Headquarters (St. Thomas)	340-774-2244	contact@vitema.vi.gov
	St. Croix Office	General questions	St. Croix Office	340-773-2244	contact@vitema.vi.gov
St. John Office	General questions	St. John Office	340-776-2244	contact@vitema.vi.gov	
Virgin Islands Waste Management Authority (VIWMA)	-	Planning and Coordination	Roger E. Merritt, Jr., Executive Director	340-642-9373 (C)	rmerritt@viwma.org
			Luis Sylvester, Deputy Executive Director	340-715-9188 (O) 340-514-9866 (C)	lsylvester@viwma.org
			Denise E. H. Lewis, Emergency Management Administrator	340-712-4955 (O) 340-227-1957 (C)	dlewis@viwma.org

Federal Agencies

Agency	Division	Topic	Point of Contact	Phone	Email
Federal Emergency Management Agency (FEMA)	Region 2	Environmental and historic preservation (EHP)	John Dawson, Regional UFR Coordinator, Mitigation Division/EHP	202-286-1627	john.dawson@fema.dhs.gov
			Shenelle Dore, FEMA-EHP	202-701-9056	shenelle.dore@fema.dhs.gov
			John McKee, Regional Environmental Officer	212-680-3672 (O) 202-704-7160 (C)	john.mckee@fema.dhs.gov
		Public assistance	Vincent Ebbesen, Public Assistance Group Supervisor (Education/Public Buildings)	202-674-4750	vincent.ebbesen@fema.dhs.gov
			Jeffry Morales Medina, Public Assistance Group Supervisor (Health, Utilities, and Transportation)	202-718-1552	jeffry.moralesmedina@fema.dhs.gov
			Addison Hesslink, Public Assistance Group Supervisor (Health, Utilities, and Transportation)	512-568-5472	addison.hesslink@fema.dhs.gov
			Tiffany Moorhead, Deputy Infrastructure Branch Director	202-805-8773	tiffany.moorhead@fema.dhs.gov
		Molly Evancho, Acting Infrastructure Branch Director	202-815-2949	mary.evancho@fema.dhs.gov	
Recovery Division Field Operations Branch	Jasmine Grant, Emergency Management Specialist	(202) 718-2166	jasmine.grant.2@fema.dhs.gov		
National Oceanic and Atmospheric Administration (NOAA) <i>Continued on the next page</i>	National Marine Fisheries Service (NMFS or NOAA Fisheries)	Emergency ESA/EFH consultation	General contact	-	nmfs.ser.emergency.consult@noaa.gov
		EFH information, capabilities	Dinorah Chacin	727-318-9540	dinorah.chacin@noaa.gov
		EFH information	Pace Wilber	843-568-4184	pace.wilber@noaa.gov
		ESA information	General contact	727-824-5312	-
			Melissa Alvarez	954-734-0716 (O) 201-978-9075 (C)	melissa.alvarez@noaa.gov

Federal Agencies Continued

Agency	Division	Topic	Point of Contact	Phone	Email
Continued from previous page National Oceanic and Atmospheric Administration (NOAA)	National Marine Fisheries Service (NMFS or NOAA Fisheries)	ESA information	Jennifer Moore, Threatened Coral Recovery Coordinator	727-551-5797 (O) 727-647-2357 (C)	jennifer.moore@noaa.gov
		Capability: LIDAR, sub-surface detection	Jose Rivera	-	jose.a.rivera@noaa.gov
	National Ocean Service (NOS), Office of Coast Survey	Navigation preparation and response	Nicolas Alvarado, Regional Navigation Manager - South Florida, Puerto Rico, U.S. Virgin Islands	202-253-9536 (C)	florida.navmanager@noaa.gov
	NOS, Office of Response and Restoration, Emergency Response Division	Potential to release oil or hazardous substance	Brad Benggio, Scientific Support Coordinator for USCG District 7 (FL, GA, SC and Caribbean) and RRT Region 4 and Caribbean	954-684-8486 (C) 305-530-7925 (O) 206-375-5697 (24hr)	brad.benggio@noaa.gov
	NOS, Office of Response and Restoration, Marine Debris Program	Planning and coordination for marine debris issues	Yaritza Rivera, Caribbean Regional Coordinator	202-770-8227	yaritza.rivera@noaa.gov
	NOS, National Geodetic Survey, Remote Sensing Division	Capability contact	Mike Aslaksen	240-533-9576	mike.aslaksen@noaa.gov
	National Weather Service, San Juan Forecast Office	Local Weather Forecast	Ernesto Morales, Warning Coordination Meteorologist	787-253-4501	ernesto.morales@noaa.gov
National Park Service (NPS)	St. John	Capability contact, response on NPS-owned lands (St. John)	Thomas Kelley, Natural Resource Manager	340-690-2440	thomas_kelley@nps.gov
	St. Croix	Response on NPS-owned lands (St. Croix)	Kristen Ewen, Biologist Evan Gwilliam, Supervisory Resource Management Specialist	340-277-6798 340-626-2169	kristen_ewen@nps.gov evan_gwilliam@nps.gov
Natural Resource Conservation Service (NRCS)	Caribbean Area	Emergency Watershed Protection (EWP) Program Information	Lisbeth San Miguel-Rivera, Environmental Compliance Specialist	939-208-0931	lisbeth.sanmiguel-rivera@usda.gov
			Yilia Baucage-Bou, State Conservation Engineer	787-342-6916	yilia.baucagebou@usda.gov
			Luis Cruz-Arroyo, NRCS Caribbean Area Director	787-405-7368	luis.cruz-arroyo@usda.gov
			Rudy O'Reilly, St. Croix District Conservationist	340-514-4262	rudy.o_reilly@usda.gov
U.S. Army Corps of Engineers (USACE), Jacksonville District	Emergency Management	Emergency management (Antilles Office)	Johann Sasso, Disaster Program Manager	787-360-2713	johann.m.sasso@usace.army.mil
		Capability: Equipment, workforce/expertise	Logan Wilkinson, Emergency Management Chief	904-232-1881	logan.c.wilkinson@usace.army.mil
		Capability: Workforce/expertise	Dehyrl Middleton, P.E., Acting Disaster Program Manager Matt Tate, Debris Program Manager, CEMVD-RO	251-349-0998 251-802-2011	dehyrl.h.middleton@usace.army.mil jacob.m.tate@usace.army.mil
	Navigation	Federally maintained waterway or channel	Milan Mora, Navigation Chief	-	milan.a.mora@usace.army.mil
			Michael Chris McNees, Project Manager	-	Michael.C.Mcnees@usace.army.mil
	Regulatory Section, Antilles Office	Regulatory Section / Compliance and permitting	José Alicea-Pou, Chief Antilles Permits Section	786-493-2395 (C) 787-289-7040 (O)	jose.a.alicea-pou@usace.army.mil
			Karen M. Urelus, Antilles Regulatory Office	787-370-8359	rd-antilles@usace.army.mil

Federal Agencies Continued

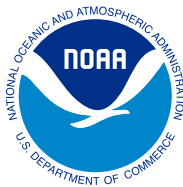
Agency	Division	Topic	Point of Contact	Phone	Email
U.S. Coast Guard (USCG)	-	Report potential to release oil or hazardous substance	National Response Center (NRC)	800-424-8802	-
	District 7	Planning and coordination	LCRD Gabriella Zambrana, RRT IV Coordinator and Caribbean Coordinator	305-415-7072 (O) 786-514-6025 (C)	gabriella.z.zambrana@uscg.mil
			Lori Loughran, Alt-Co Chair for R4 and the Caribbean	-	lori.a.loughran2@uscg.mil
			Richard Lavigne, Incident Management Preparedness Advisor, RRT IV/Caribbean Co-Chair	305-415-7138	richard.j.lavigne@uscg.mil
	District 7, Sector San Juan	Capability contact coastal zone	Sector San Juan Command Center	787-289-2041	
			Sector San Juan Incident Management Division	787-729-5399	
		General contact (St. Croix and Buck Islands)	RIO St. Croix	340-772-5557	RIO St. Croix
		General contact (St. Thomas and St. John)	MSD St. Thomas	340-776-3497	MSD St. Thomas
U.S. Environmental Protection Agency (EPA)	-	Report potential to release oil or hazardous substance	National Response Center (NRC)	800-424-8802	-
	Region 2	Capability contact	EPA Region 2 Regional EOC	732-906-6850 732-321-4370	-
		Capability: Technology	ASPECT 24 Hour Access via EPA Headquarters EOC	202-564-3850	-
		Ocean disposal of vessels	Mark Reiss, Chief Dredging, Sediment, and Oceans Section	212-637-3799	reiss.mark@epa.gov
		Planning and Coordination	Steve Touw, Caribbean Regional Response Team (CRRT) Coordinator	732-906-6900	touw.steve@epa.gov
U.S. Fish and Wildlife Service (USFWS)	Caribbean Ecological Services Field Office	Compliance and permitting	General contact	-	caribbean_es@fws.gov
		Response in NWR lands	Michael Evans, Refuge Manager	340-773-4554	michael_evans@fws.gov
		Planning and coordination	Felix Lopez, Ecologist/Contaminants Specialist	305-304-1128 (C)	felix_lopez@fws.gov
			Claudia Lombard, USFWS wildlife biologist	305-916-8381	claudia_lombard@fws.gov

Academia and Non-Governmental Organizations

Organization	Division	Topic	Point of Contact	Phone	Email
University of Virgin Islands (UVI)	Center for Marine and Environmental Studies, USVI Marine Advisory Service	Capability: Environmental resource expertise, restoration (corals)	Dr. Marilyn Brandt	-	mbrandt@uvi.edu
		Capability: Equipment, environmental resource expertise (terrestrial), public affairs/outreach, restoration (mangroves), volunteers	Howard Forbes Jr., Sea Grant Coordinator	340-693-1672	howard.forbes@uvi.edu
		Capability: Vessels	Dr. Paul Jobsis	-	pjobsis@uvi.edu
		Capability: Dive support	Stephen Prosterman	-	sproste@uvi.edu
		Capability: Environmental resource expertise, restoration (mangroves)	Dr. Kristin Wilson Grimes, Research Associate Professor	-	kristin.wilson@uvi.edu

International Organizations

Organization	Division	Topic	Point of Contact	Phone	Email
British Virgin Islands	Ministry of Health and Social Development	International coordination regarding debris issues and disaster management		284-468-2272	ministryofhealth@gov.vg
	Department of Disaster Management		General contact	-	bviddm@surfbvi.com
			Mr. Jasen Penn, Director of Disaster Management	284-468-4200	sdabreo@gov.vg



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