



Virginia 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 *Virginia 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 incident waterway debris response in Virginia, 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 the National Oceanic and Atmospheric Administration’s (NOAA) Marine Debris Program website at <https://marinedebris.noaa.gov/>.

The purpose of this document is to improve preparedness for response and recovery operations following an acute waterway debris incident in coastal Virginia. The term acute waterway debris incident is used to 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 waterway debris incidents impacting the Commonwealth of Virginia. 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 Virginia’s coastal counties. 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 the 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. 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. Virginia Incident Waterway Debris Response Flowchart

The *Virginia Incident Waterway Debris Response Flowchart* included in this section provides a visual one-page representation of organization 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.

Virginia Incident 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.

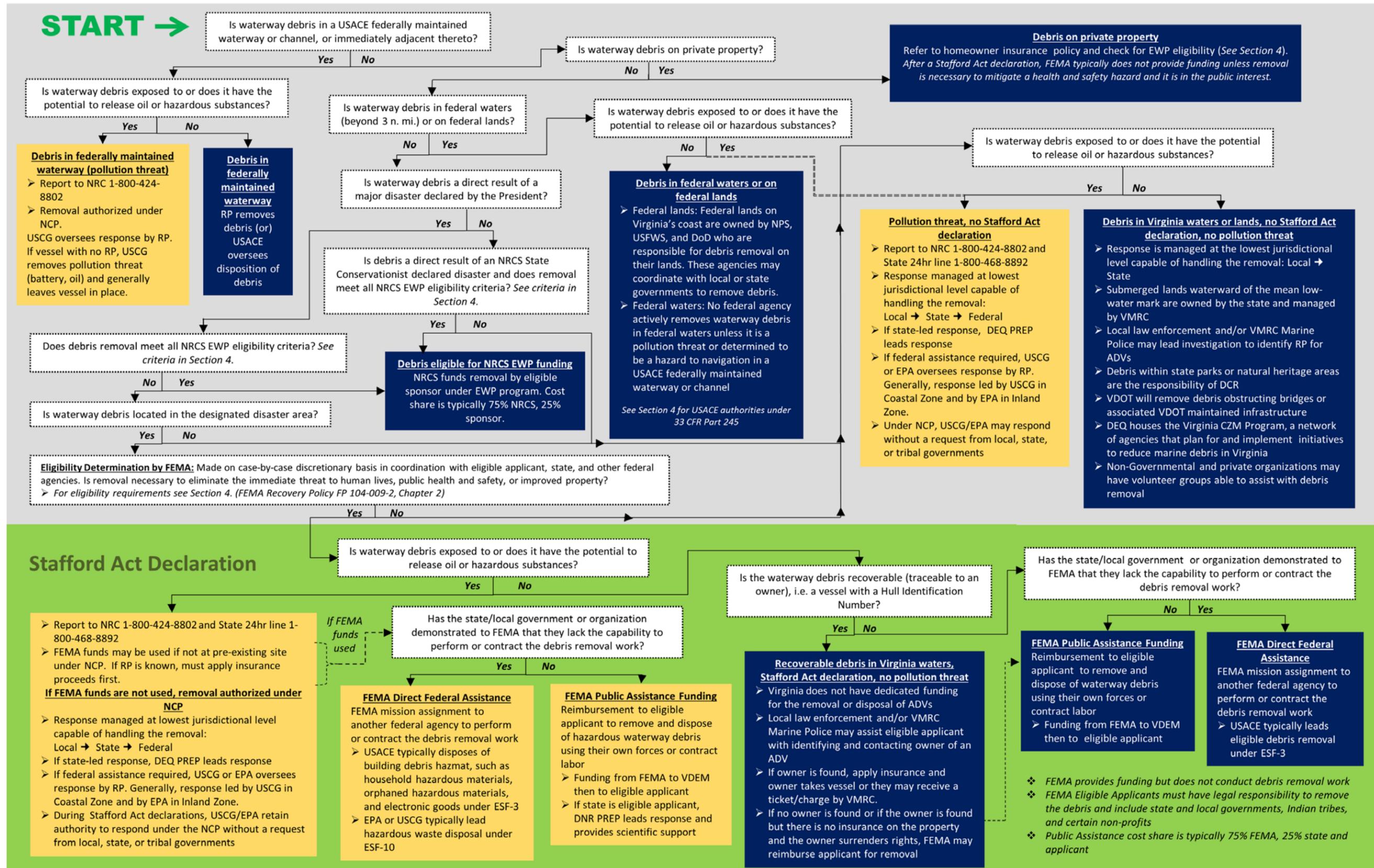
Acronyms

ADV – Abandoned and Derelict Vessel
DCR – VA Department of Conservation and Recreation
DEQ – VA Department of Environmental Quality
DoD – U.S. Department of Defense
EPA – U.S. Environmental Protection Agency
ESF – Emergency Support Function
EWP – Emergency Watershed Protection

FEMA – Federal Emergency Management Agency
NCP – National Oil & Hazardous Substance Contingency Plan
NPS – National Park Service
USFWS – U.S. Fish and Wildlife Service
VDEM – VA Department of Emergency Management
VDOT – VA Department of Transportation
VMRC – VA Marine Resources Commission

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
VDEM – VA Department of Emergency Management
VDOT – VA Department of Transportation
VMRC – VA Marine 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
	Response occurring under Stafford Act authorities and/or funds



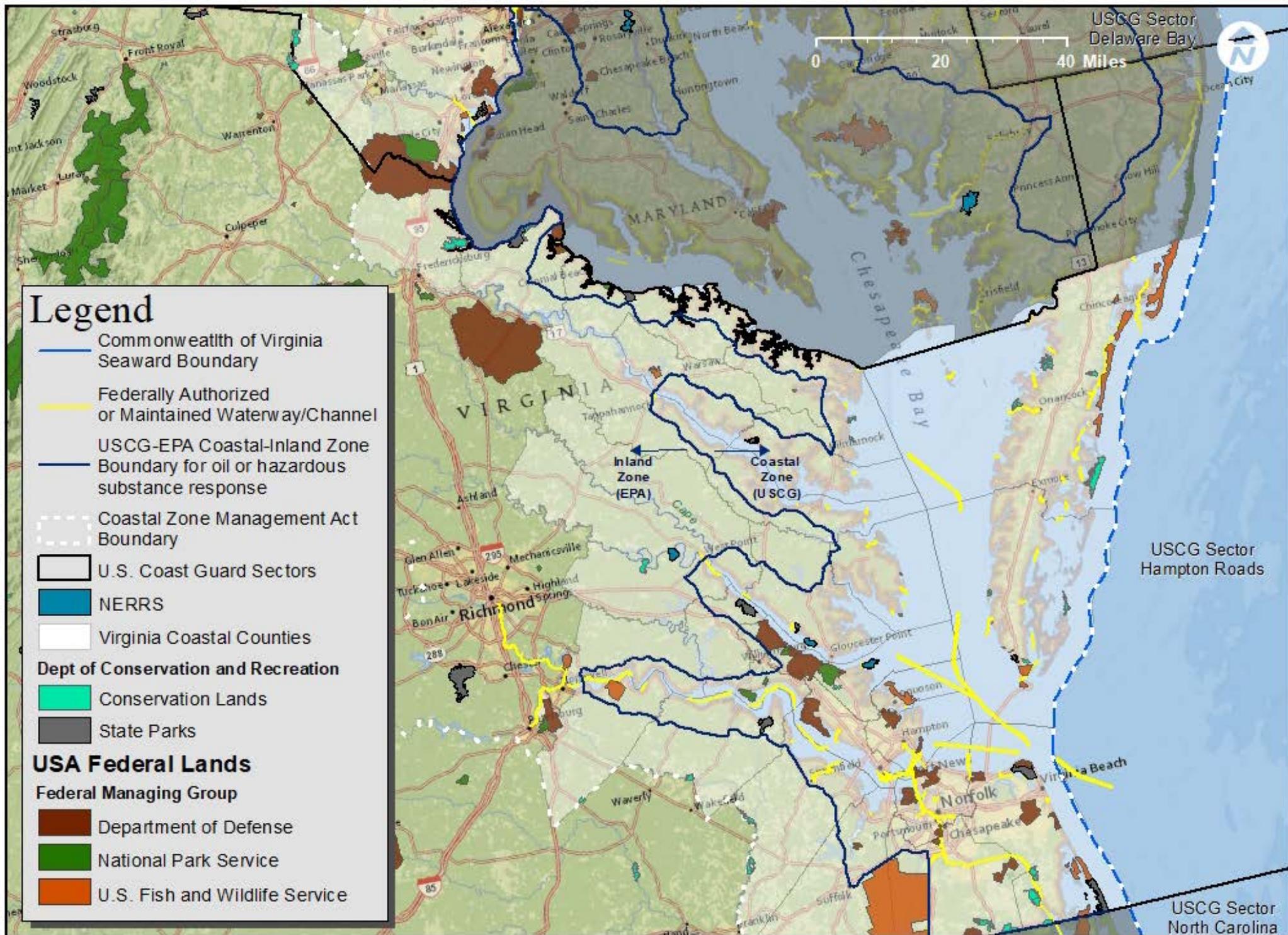
3. Agency Jurisdictions and Capabilities

3.1 Agency Jurisdiction Map

The *Virginia Incident Waterway Debris Response Map* on the following page displays relevant agency jurisdiction boundaries in Virginia's 29 coastal counties. After an acute waterway 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.

3.2 Organization Response Capabilities

Virginia Incident Waterway Debris Response Map



3.2 Organization Response Capabilities

		Yes - In-house Capability		FEMA Region III ¹	NOAA ²	USACE Norfolk District ⁵	USCG Sector Hampton Roads ⁶	Virginia DCR	Virginia DEQ	VDEM ¹¹	Virginia DHR	VDOT ¹²	VMRC	Virginia Aquarium	Isle of Wight County	
		Contract - Contracted capability														
Technology	Aerial photography and video	Yes	Cont.	Yes			Contract			Yes		Contract	Yes			
	Geographic Information Systems (GIS) mapping and plotting of imagery	Yes		Yes	Yes	Yes		Yes	Yes	Yes		Yes	Cont.	Yes	Yes	Yes
	Multi-beam sonar	Contract		Yes	Yes											
	Remote sensing	Contract		Yes												
	Satellite imagery	Contract		Yes												
	Side-scan sonar	Contract		Yes	Yes	Yes	Contract									
	Single-beam sonar	Contract		Yes	Yes											
Manpower	Communications trained staff	Yes	Cont.	Yes	Yes	Yes	Yes	Yes	Yes	Yes		Yes				
	Compliance and permitting expertise	Yes		Yes	Yes			Yes				Yes	Yes		Yes	
	Dive support	Contract		Yes ³			Contract					Contract		Yes		
	Emergency response trained staff	Yes		Yes			Yes	Yes	Yes	Yes		Yes		Yes	Yes	
	Environmental expertise (location of sensitive areas, knowledge of historical sites and endangered species present, etc.)	Yes	Cont.	Yes	Yes	Yes	Yes	Yes	Yes		Yes	Yes	Yes	Yes	Yes	Yes
	GIS staff/technician	Yes	Cont.	Yes	Yes			Yes	Yes	Yes		Yes	Yes			Yes
	Local Captains/navigation expertise to support operations	Contract			Yes			Yes						Yes		
	Local/tribal historian	Yes	Cont.										Yes			Yes
	Public affairs trained staff	Yes	Cont.	Yes	Yes	Yes	Yes	Yes	Yes	Yes		Yes	Yes			
	Technical expertise for removal operations (techniques, best management practices, etc.)	Yes	Cont.	Yes	Yes			Yes	Yes				Yes			
	Volunteer manpower	Yes	Cont.					Yes		Yes		Yes		Yes		

Yes - In-house Capability		FEMA Region III ¹	NOAA ²	USACE Norfolk District ⁵	USCG Sector Hampton Roads ⁶	Virginia DCR	Virginia DEQ	VDEM ¹¹	Virginia DHR	VDOT ¹²	VMRC	Virginia Aquarium	Isle of Wight County
Contract - Contracted capability													
Equipment	Aircraft	Contract	Yes		Contract					Yes	Yes		
	All-terrain vehicles (ATVs)	Contract				Yes				Yes		Yes	
	Barge/Self-loading barge	Contract		Yes									
	Boom	Contract			Yes							Yes	
	Communications equipment (two-way radios etc.)	Contract	Yes	Yes	Yes ⁷	Yes	Yes	Yes		Yes	Yes	Yes	
	Crane/knuckleboom crane	Contract		Yes									
	Dredging equipment	Contract											
	Excavator	Contract											
	Personal protection equipment (PPE)	Contract	Yes	Yes	Yes	Yes				Yes			
	Remotely Operated Vehicle (ROV)	Contract	Yes										
	Track vehicles/equipment to access difficult terrain	Contract					Yes ⁹						
	Unmanned Aerial Vehicle (UAV)	Contract	Yes						Yes				
	Vessels (shallow draft, offshore, zodiacs, etc.)	Contract	Yes	Yes	Contract	Yes ⁹	Yes			Yes	Yes	Yes	
Other specialized equipment that cannot be readily procured immediately following a debris incident	Contract							Contract					

Yes - In-house Capability		FEMA Region III ¹	NOAA ²	USACE Norfolk District ⁵	USCG Sector Hampton Roads ⁶	Virginia DCR	Virginia DEQ	VDEM ¹¹	Virginia DHR	VDOT ¹²	VMRC	Virginia Aquarium	Isle of Wight County	
Contract - Contracted capability														
Logistics	Accessibility to information such as training and exercises	Yes	Yes				Yes	Yes						
	Authority to provide access to private property				Yes									
	Contract authority and oversight capabilities	Yes	Cont.	Yes			Yes ¹⁰	Yes		Yes				
	Debris monitoring-ongoing system in place	Yes	Cont.		Yes					Yes				
	Docks for wet storage of vessels	Contract			Yes	Yes	Yes ⁹					Yes		
	Established communication between agencies/Common operating picture	Yes	Cont.	Yes	Yes	Yes		Yes	Yes		Yes		Yes	
	Facility suitable for establishing an Emergency Operations Center (EOC)	Yes	Cont.				Yes		Yes		Yes		Yes	
	Funding for waterway debris removal	Yes		Yes ⁴	Yes	Yes ⁸								
	Pre-approved waterway debris removal contractors	Contract									Yes			
	Pre-designated landfill/disposal sites (to include vegetative and animal carcasses)	Contract ¹			Yes							Yes	Yes	
	Pre-event contracts and staged agreements in place	Contract							Yes				Yes	
	Staging/Off-Loading: Land with water access to stage, offload debris (has not been evaluated for suitability or officially pre-designated)	Contract			Yes	Yes	Yes					Yes		
	Staging/Off-Loading: Pre-designated staging, off-loading and special handling areas (already evaluated for suitability)	Contract												
	Staging area for dry storage of vessels	Yes	Cont.		Yes		Yes							
Other logistical support including fuel, housing, food, etc.	Yes	Cont.			Yes	Yes ⁹		Contract						

Each organization self-reported capabilities that could be of use during waterway 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 reported 'Contract' may be contracted out or mission assigned to another federal agency. For example, USACE may be mission assigned to coordinate and/or identify local areas to use for operations.

²NOAA – Some capabilities require contract support for staffing

³NOAA – Dive capabilities do not include sites with oil or hazardous pollutants

⁴NOAA – Funding through grant program and possible Congressional supplemental funding

⁵USACE – Capabilities reported for Water Resources Division, Operations Branch, Navigation Support, and Survey Section

⁶USCG – Capabilities reported 'Yes' are those organic to Sector Hampton Roads. Capabilities reported 'Contract' may involve another Coast Guard unit, port partner, or other government agency.

⁷USCG – In addition, USCG has the ability to conduct radio broadcasts to notify public of marine hazards.

⁸USCG – Access to Oil Spill Liability Trust Fund for pollution incidents only

⁹DCR – Varies by park location and availability. Docks are for temporary vessel storage only.

¹⁰DEQ – Emergency contracting authority and funding are limited

¹¹VDEM – Capabilities also include the ability to request assets from other states if needed

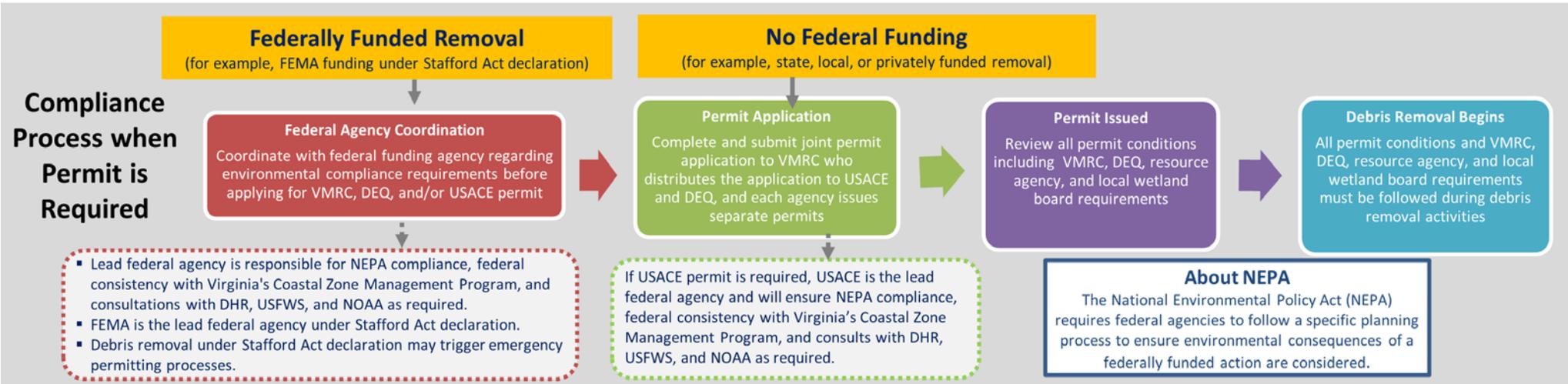
¹²VDOT – Capabilities reported for Safety, Security and Emergency Management Division

4. Permitting and Compliance Requirements in Virginia

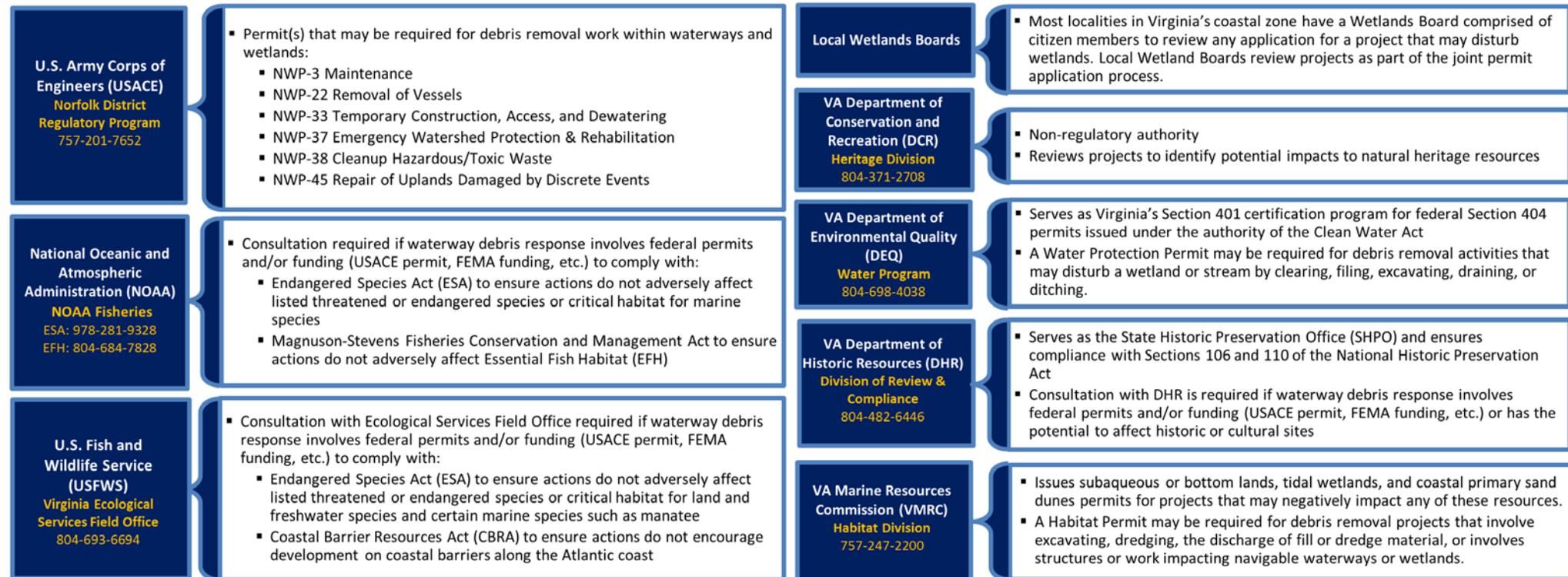
The *Permitting and Compliance for Waterway Debris Removal in Virginia* one-pager on the following page synthesizes permitting and compliance requirements that must be met before waterway debris removal operations begin. The top portion of the one-pager outlines the process to follow to stay in compliance,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

Permitting and Compliance for Waterway Debris Removal in Virginia

- In Virginia's coastal zone, a Virginia Marine Resources Commission (VMRC) Habitat Permit, Virginia Department of Environmental Quality (DEQ) Water Protection 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.
- VMRC, DEQ, USACE, and most local wetland boards have a joint permit application process. Applicants can apply through VMRC and local, state, and federal review will occur concurrently.
- The **lead federal agency** is responsible for compliance with National Environmental Policy Act (NEPA), federal coastal consistency, and consulting with tribal and resource agencies including Department of Historic Resources (DHR), U.S. Fish and Wildlife Service (USFWS), and the National Oceanic and Atmospheric Administration (NOAA) as required.



Agency Requirements and Legislation Details



5. Organization Contact Information

Local Agencies/Organizations

Agency	Division	Topic	Point of Contact	Phone	Email
Longwood University	Clean Virginia Waterways	-	Katie Register, Executive Director	434-395-2602	registerkm@longwood.edu
Virginia Aquarium & Marine Science Center	Research and Conservation	-	Mark Swingle, Director	757-385-0326	mswingle@vb.gov
Virginia Coastal Counties/Cities	Isle of Wight	Parks and Recreation	David Smith, Director	757-357-6703	dsmith@isleofwightus.net
	City of Suffolk	Emergency Management	Brian Spicer, Emergency Management Coordinator	757-514-4550	bspicer@suffolkva.us
		Public Works	LJ Hansen, Assistant Director	757-514-7687	lhansen@suffolkva.us
Virginia District Planning Commissions	Accomack-Northampton Planning District Commission	-	Curtis Smith, Director of Planning	757-787-2936x114	csmith@a-npdc.org
			Elaine Meil, Executive Director	757-787-2936x116	emeil@a-npdc.org
	Crater Planning District Commission	Planning & Information Technology	Dennis Morris, Executive Director	804-861-1666x231	dmorris@craterpdc.org
			Mark Bittner, Director	804-861-1666x237	mbittner@craterpdc.org
	George Washington Regional Commission	-	Shaina Schaffer, Environmental Planner	540-560-2202	shaina@bgllc.net
	Hampton Roads Planning District Commission	-	Ben McFarlane, Senior Regional Planner	757-420-8300	bmcfarlane@hrpdcva.gov
			Keith Cannady, Deputy Executive Director	757-420-8300	kcannady@hrpdcva.gov
	Middle Peninsula Planning District Commission	-	Beth Johnson, Finance Director	804-758-2311	bjohnson@mppdc.com
			Lewie Lawrence, Director of Regional Planning	804-758-2311	llawrence@mppdc.com
	Northern Neck Planning District Commission	-	John Bateman, Regional Planner	804-333-1900	jbateman@nnpdc17.state.va.us
			Lisa Hull, Economic Development Coordinator	804-333-1900	lhull@nnpdc17.state.va.us
	Northern Virginia Regional Commission	-	Corey Miles, Senior Environmental Planner/Coastal Program Manager	703-642-4625	cmiles@novaregion.org
			Division of Planning & Environmental Services	Normand Goulet, Acting Director	703-642-4634
	Richmond Regional Planning District Commission	Planning	Barbara Jacocks, Director	804-323-2033	bjacocks@richmondregional.org
Sarah Stewart, Senior Planner			804-323-2033	ssmith@richmondregional.org	

State Agencies

Agency	Division	Topic	Point of Contact	Phone	Email
VA Department of Conservation and Recreation (DCR)	State Park Division	State Parks	Main Line	804-692-0403	-
		State Parks	Craig Seaver, Director	804-786-5055	craig.seaver@dcr.virginia.gov
		State Parks, Eastern Region	Tim Shrader, Operations Manager	804-436-4266	timothy.shrader@dcr.virginia.gov
		State Parks, District 1	Ann Zahn, District Manager	804-921-9028	-
		State Parks, District 2	Ken Benson, District Manager	804-313-7255	-
	Natural Heritage Division	Natural Data Heritage Explorer	https://vanhde.org/	-	-
		Response capabilities	Rick Myers	804-371-6204	rick.myers@dcr.virginia.gov
			Richard Ayers	757-787-5993	richard.ayers@dcr.virginia.gov
		Natural Areas, Chesapeake Bay Western Shore	Zach Bradford, Regional Steward	804-225-2303	zach.bradford@dcr.virginia.gov
		Natural Areas, Eastern Shore	Dot Field, Region Steward	757-787-5989	dot.field@dcr.virginia.gov
		Compliance and project review	Rene Hypes, Project Review Coordinator	804-371-2708	rene.hypes@dcr.virginia.gov
Tyler Meader, Locality Liaison	804-225-2429		tyler.meader@dcr.virginia.gov		
VA Department of Emergency Management (VDEM)	Richmond Headquarters	Emergency Operations Center	-	1-800-468-8892	-
		Communications capabilities	Ed Porner	804-897-9781	edward.porner@vdem.virginia.gov
		GIS capabilities	Chris Thompson	804-897-9745	chris.thompson@vdem.virginia.gov
		Volunteer capabilities	Amanda Reidelbach	804-897-6500	amanda.reidelbach@vdem.virginia.gov
		Logistical capabilities	Jason Eaton	804-897-6500	jason.eaton@vdem.virginia.gov
		Trainings and information accessibility	Shannon Daniel, Training Manager	804-897-9982	shannon.daniel@vdem.virginia.gov
		Contract authority capabilities	Cheryl Lee	804-897-6500	cheyrl.lee@vdem.virginia.gov
		Public Affairs capabilities	Jeff Caldwell	804-897-9730	jeff.caldwell@vdem.virginia.gov
		Flooding	Dan Bradway	804-897-9774	daniel.bradway@vdem.virginia.gov
	Public Assistance	Lewis Campbell	804-897-9978	lewis.campbell@vdem.virginia.gov	
	Region 5 Office	Chief Regional Coordinator	Bruce Sterling	804-516-5786	bruce.sterling@vdem.virginia.gov
		Disaster Response and Recovery	Brian Russell	804-624-1923	brian.russell@vdem.virginia.gov
			Hazardous Materials Officer	Ray Haring	757-363-3891
		Todd Cannon		757-886-2801	todd.cannon@vdem.virginia.gov
	Region 7 Office	Chief Regional Coordinator	Andy John	804-624-8327	andy.john@vdem.virginia.gov

State Agencies Continued

Agency	Division	Topic	Point of Contact	Phone	Email
VA Department of Environmental Quality (DEQ)	Pollution Response & Emergency Preparedness	Pollution response	John Giese, Program Manager	804-698-4287	john.giese@deq.virginia.gov
			Julie Laferriere, Pollution Response Coordinator	757-567-1113	julianne.laferriere@deq.virginia.gov
			Wade Collins, Pollution Response and Emergency Preparedness Specialist	804-310-9215	wade.collins@vdem.virginia.gov
	Environmental Impact Review and Long Range Priorities Program	Project review	Bettina Rayfield, Manager	804-698.4204	bettina.rayfield@deq.virginia.gov
	Enforcement	Environmental enforcement	Jeff Reynolds, Director	804-698-4376	jefferson.reynolds@deq.virginia.gov
	Coastal Management	-	Laura McKay, Program Manager	804-698-4323	laura.mckay@deq.virginia.gov
	Water Program	Water Protection Permits	Main Line	804-698-4000	-
VA Department of Historic Resources (DHR)	Review and Compliance	Section 106 compliance	Main Line	804-482-6446	-
			Roger Kirchen, Director	804-482-6091	roger.kirchen@dhr.virginia.gov
VA Department of Transportation (VDOT)	Safety, Security, and Emergency Management	Emergency Management	Robert L. Trachy, Emergency Coordinator Manager	804-763-9287	larry.trachy@vdot.virginia.gov
VA Institute for Marine Science (VIMS)	Center for Coastal Resources Management	-	Kirk Havens	-	kirk@vims.edu
		-	Donna Bilkovic, Associate Professor	804-684-7331	donnab@vims.edu
		Research and Advisory Services	Dr. Mark Luckenbach, Associate Dean	804-684-7108	luck@vims.edu
VA Marine Resources Commission (VMRC)	Habitat Division	-	Justin Worrell, Environmental Engineer	757-247-8063	justin.worrell@mrc.virginia.gov
			Main Line	757-247-2200	-
			Tony Watkinson, Chief	757-247-2250	tony.watkinson@mrc.virginia.gov
	Law Enforcement Division	Marine Police	Warner Rhodes, Captain	757-247-2071	warner.rhodes@mrc.virginia.gov

Federal Agencies

Agency	Division	Topic	Point of Contact	Phone	Email	
Bureau of Safety and Environmental Enforcement	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 III	Response and Recovery Division	Edward Budnick, Debris SME	-	edward.budnick@fema.dhs.gov	
			Matthew Werner, Executive Officer	215-931-2897	matthew.werner@fema.dhs.gov	
		Requests for assistance for capabilities	Region III Watch Center	215-931-5757	FEMA-R03-RRCC-WATCH@fema.dhs.gov	
National Oceanic and Atmospheric Administration (NOAA)	National Marine Fisheries Service or NOAA Fisheries	EFH consultation	David O'Brien, Marine Habitat Resource Specialist	804-684-7828	david.l.o'brien@noaa.gov	
		ESA consultation	General Contact	978-281-9328	nmfs.gar.esa.section7@noaa.gov	
			William Barnhill, Fishery Biologist	978-282-8460	william.barnhill@noaa.gov	
			Brian Hopper, Fishery Biologist	410-573-4592	brian.d.hopper@noaa.gov	
	NOS, ORR, Emergency Response	Pollution Planning and Response Specialists	24-hr Line		206-526-4911	-
			Ed Levine, Scientific Support Coordinator (SSC) Supervisor, East and Gulf Coasts		206-849-9941	ed.levine@noaa.gov
			Frank Csulak, USCG District 5 SSC		732-371-1005	frank.csulak@noaa.gov
			John Tarpley, Regional Operations Branch Chief		206-459-8638	john.tarpley@noaa.gov
	NOS, ORR, Marine Debris Division	Response capabilities and coordination	Jason Rolfe, Mid-Atlantic Regional Coordinator, Marine Debris Program		240-533-0442 (o) 301-461-3236 (c)	jason.rolfe@noaa.gov
	NOS, Office of Coast Survey	Navigation and preparation response	Lt. Anthony Klemm, Mid-Atlantic Regional Navigation Manager		757-364-7458	anthony.klemm@noaa.gov
Natural Resources Conservation Service (NRCS)	-	Emergency Watershed Protection (EWP) Program information	Blaine Delaney, EWP Coordinator	804-287-1663	blaine.delaney@va.usda.gov	
			David Kriz, Asst. State Conservationist	804-287-1646	david.kriz@va.usda.gov	

Federal Agencies Continued

Agency	Division	Topic	Point of Contact	Phone	Email
U.S. Army Corps of Engineers (USACE) Norfolk District	Operations	GIS capabilities	Jason O'Neal	757-201-7108	jason.a.oneal@usace.army.mil
		Permitting and compliance capabilities	Robert Pruhs	757-201-7130	robert.s.pruhs@usace.army.mil
		Public Affairs capabilities	Patrick Bloodgood	757-201-7881	patrick.j.bloodgood@usace.army.mil
		Response capabilities	Scott Titus, Port Engineer	757-201-7665	scott.c.titus@usace.army.mil
	Regulatory Program	Permitting and compliance capabilities	Nicole Woodward, Environmental Scientist	757-201-7122	nicole.l.woodward@usace.army.mil
			Regulator of the Day	757-201-7652	-
U.S. Coast Guard (USCG) District 5	Sector Hampton Roads	Contingency Planning	Renee McKinnon, Chief	757-483-8443	renee.v.mckinnon@uscg.mil
		Marine Environmental Response	Danielle Shupe, Incident Manager	757-434-1858	danielle.m.shupe@uscg.mil
		Potential to release oil or hazardous material	National Response Center (NRC)	1-800-424-8802	-
		Prevention	Dean Horton, Chief	757-668-5536	dean.e.horton@uscg.mil
		Sector Command Center	Main Line	757-638-6637	sectorhr@uscg.mil
		Waterways Management	Peter Francisco, Chief	757-668-5581	peter.f.francisco@uscg.mil
U.S. Environmental Protection Agency (EPA)	Region III	MPRSA	Kristin Regan	215-814-2711	regan.kristin@epa.gov
		Environmental Protection	Bill Steuteville	215-814-3264	steuteville.william@epa.gov
			Daniel T. Gallo, Environmental Protection Specialist	215-814-2091	gallo.dan@epa.gov
		NEPA	Barb Rudnick	215-814-3322	rudnick.barbara@epa.gov
		Potential to release oil or hazardous substance	National Response Center (NRC)	800-424-8802	-
U.S. Fish and Wildlife Service (USFWS)	Ecological Services	Virginia Field Office	Main Line	804-693-6694	-
			Susan Lingenfelter, Fish and Wildlife Biologist	804-824-2415	susan_lingenfelter@fws.gov
	National Wildlife Refuges (NWR)	Back Bay NWR	Doug Brewer	757-301-7329	doug_brewer@fws.gov
		Chincoteague NWR Complex (NWRC)	Nancy Finley	757-336-6122	nancy_finley@fws.gov
		Eastern Shore of Virginia NWR	Stacey Lowe	757-331-2760	stacey_lowe@fws.gov
		Eastern Virginia Rivers NWRC	Bill Crouch	804-333-1470	william_crouch@fws.gov
		Great Dismal Swamp NWR	Chris Lowie	757-986-3705	chris_lowie@fws.gov
Potomac River NWRC	Amanda Daisey	703-490-4979	amanda_daisey@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