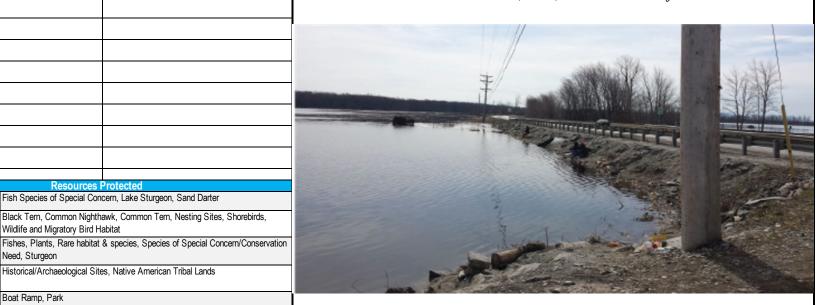


EPA Lake	EPA Lake Champlain River Geographic Response Strategy Charcoal Creek LC-VT-02				
	Purpose	Response Equipment	Deployment Resources	Deployment Notes	
EX-01a	Prohibit oil slicks from entering a sensitive area.	350 ft protected water boom 1 marine anchor system 2 shoreline anchor system Testing Date	2 shore responders 1 response boats 1 boat operators N Tested	Deploy boom as depicted to exclude oil from sensitive areas. Anchor every 200-300'. Adjust configuration as necessary to reduce entrainment. Deploy shoreside anchor first. Readjust boom angle as needed to reduce entrainment	
EX-01b	Prohibit oil slicks from entering a sensitive area.	350 ft protected water boom 1 marine anchor system 2 shoreline anchor system Testing Date	2 shore responders 1 response boats 1 boat operators N Tested	Deploy boom as depicted to exclude oil from sensitive areas. Anchor every 200-300'. Adjust configuration as necessary to reduce entrainment. Deploy shoreside anchor first. Readjust boom angle as needed to reduce entrainment	
CB-02	Prevent oil that has entered drainage systems from impacting waterways and sensitive areas.	inflatable plug, sand bag, or plywood N/A Testing Date	2 shore responders Tested	If accessible deploy appropriate size inflatable culvert plug in the culvert. Monitor to ensure blocking integrity. Without culvert plug, place plywood or similar sheeting material across the culvert. Use plastic sheeting to ensure the seal. Stack sandbags against plywood to counter outflow pressure.	
C-03a	Isolate a spill and control spreading to reduce impact to the surrounding environment and concentrate oil to facilitate recovery.	1400 ft protected water boom 7 marine anchor system 2 shoreline anchor system Testing Date	4 shore responders 2 response boats 2 boat operators N Tested	Place protected-water boom in the water around or in the vicinity of the source. Sorbent boom and/or pads can be placed inside boom to recover oil. Tend as necessary based on wind and water flow. Deploy shoreside anchor first.	
C-03b	Isolate a spill and control spreading to reduce impact to the surrounding environment and concentrate oil to facilitate recovery.	1200 ft protected water boom 6 marine anchor system 2 shoreline anchor system Testing Date	4 shore responders 2 response boats 2 boat operators N Tested	Place protected-water boom in the water around or in the vicinity of the source. Sorbent boom and/or pads can be placed inside boom to recover oil. Tend as necessary based on wind and water flow. Deploy shoreside anchor first.	

Charcoal	Creek LC-VT-02
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Aerial view of Charcoal Creek, Route 78, railroad corridor and surrounding area.



Charcoal Creek and surroundings from Fishing Access Area during Spring flood stage. View looks east.

Navigational Hazards

Conservation Area, Exemplary Wetland Natural Community, Nat'l Wildlife Refuge,

Black Tern, Common Nighthawk, Common Tern, Nesting Sites, Shorebirds,

Lake and river conditions such as flow rate and flood stage vary depending on the time of year and heavy rain Survey site prior to deployment and modify deployment tactics and techniques as appropriate based on observed river/lake conditions. or snowfall.

Resources Protected Fish Species of Special Concern, Lake Sturgeon, Sand Darter

Historical/Archaeological Sites, Native American Tribal Lands

Wildlife and Migratory Bird Habitat

Need, Sturgeon

Boat Ramp, Park

No available data

If ice is present GRS tactics and strategies must be reevaluated.

Vessel operators should have local knowledge and experience operating in riverine environments.

State Management Area, State Park

EPA Lake Champlain River Geographic Response Strategy

All VT Fire Departments

EPA Region 1 Tribal Program

National Response Center

VT DEC (24-Hour)

Missisquoi National Wildlife Refuge

VT Comm. on Native American Affairs

VT Drinking Water & Groundwater

VT Fish & Wildlife Dept (Essex)

VT Div of Historical Preservation

VT Hazmat Response Team

Fish Birds

Threat/End. Species

Cultural/Historical Resources Human Use

Land Management

Riverine

VT Emergency Mgmnt & Homeland Security

Local contacts

Call 911

617-918-1123

802-868-4781

800-424-8802

802-779-7015

800-641-5005

802-741-5311

800-347-0488

802-878-1564

800-641-5005

802-272-2509

Special Considerations