

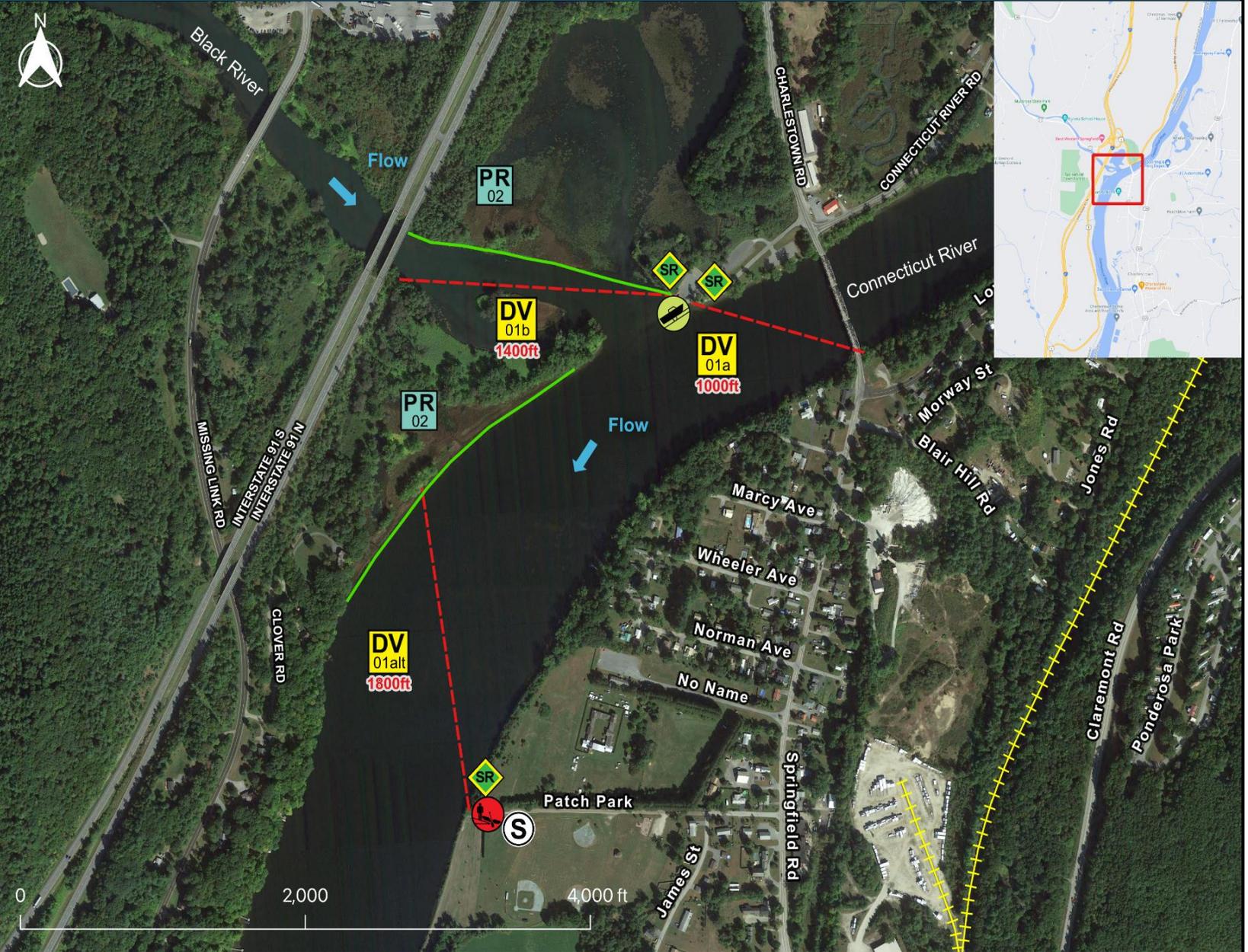
**Tactics Legend**

- DF** Deflection Booming
- DV** Diversion Booming
- EX** Exclusion Booming
- FO** Free Oil Recovery
- PR** Passive Recovery
- SR** Shoreside Recovery
- S** Staging Area
-  Boat Ramp
-  Kayak Ramp
-  Railroad
-  Protected-Water Boom
-  Snare/ Sorbent Boom

**Equipment - All Tactics**

Boom(ft)	4200
Marine anchors	21
Shore anchors	6
Sorbent Boom(ft)	3000
FO Recovery Sys	0
Shore Responders	4
Boat Responders	2
Boats	2

**Version**  
11/22/2021



**Tactics Deployment, Responder Safety, and GRS Data Information**

Always consider on-scene conditions before deploying GRS tactics. Responder safety should always be the first priority.

**Location**

**Latitude:** 43° 15' 26"  
**Longitude:** 72° 26' 0"  
**State:** New Hampshire-Vermont

**EPA Connecticut River Geographic Response Strategy**

**Charlestown-Springfield CR-NH-08A**

Tactic #	Purpose	Response Equipment	Deployment Resources	Deployment Notes
<b>DV-01a</b> 	Redirect spilled oil from one location or direction of travel to a specific site for recovery.	1000 ft protected water boom 5 marine anchor system 4 shoreline anchor system	2 shore responders 1 response boats 1 boat operators	Tend through tidal changes. Deploy boom as depicted to divert incoming oil to the collection site. Anchor every 200-300'. Adjust angle as necessary to reduce entrainment. Set up shoreside recovery and tend throughout tide. Deploy shoreside anchor first.
		N/A	Testing Date	
<b>SR-01a</b> 	Remove spilled oil that has been diverted to a designated recovery site accessible from shore	3 skimming system 3 storage tank or bladder 3 hoses, pumps, fittings	2 shore responders	Set up shoreside recovery tactic at general location depicted on map. Some access points located at private residences. Access may be difficult.
		N/A	Testing Date	
<b>DV-01alt</b> 	Redirect spilled oil from one location or direction of travel to a specific site for recovery.	1800 ft protected water boom 9 marine anchor system 4 shoreline anchor system	4 shore responders 2 response boats 2 boat operators	Tend through tidal changes. Deploy boom as depicted to divert incoming oil to the collection site. Anchor every 200-300'. Adjust angle as necessary to reduce entrainment. Set up shoreside recovery and tend throughout tide. Deploy shoreside anchor first.
		N/A	Testing Date	
<b>DV-01b</b> 	Redirect spilled oil from one location or direction of travel to a specific site for recovery.	1400 ft protected water boom 7 marine anchor system 4 shoreline anchor system	4 shore responders 2 response boats 2 boat operators	Tend through tidal changes. Deploy boom as depicted to divert incoming oil to the collection site. Anchor every 200-300'. Adjust angle as necessary to reduce entrainment. Set up shoreside recovery and tend throughout tide. Deploy shoreside anchor first.
		N/A	Testing Date	
<b>PR-02</b> 	Remove spilled oil by collecting it in a sorbent material	1600 ft sorbent boom 1600 ft sorbent pom-poms 46 anchor stakes	2 shore responders	Place and stake snare or sorbent boom in areas that are likely to pool and collect oil and across the mouths of the streams and intertidal areas. Use snare boom for persistent oils and sorbent boom for non-persistent oils. Approach the streams and intertidal areas on rising tide. Replace as necessary to maximize oil recovery.
		N/A	Testing Date	
<b>PR-02</b> 	Remove spilled oil by collecting it in a sorbent material	1400 ft sorbent boom 1400 ft sorbent pom-poms 40 anchor stakes	2 shore responders	Place and stake snare or sorbent boom in areas that are likely to pool and collect oil and across the mouths of the streams and intertidal areas. Use snare boom for persistent oils and sorbent boom for non-persistent oils. Approach the streams and intertidal areas on rising tide. Replace as necessary to maximize oil recovery.
		N/A	Testing Date	

**Local contacts**

All Fire Departments	911
NH DES (Oil Spill)	603-271-3899 (day)
NH DES (After Hours/Weekends) via NH State Police	603-223-4381
NH DES Drinking Wtr Bureau	603-271-2513 (day)
NH Fish & Game	603-271-3361
NH Div. of Historical Resources	603-271-3483
NH Dept. of Safety/Homeland Security & Emergency Management	800-852-3792
VT Comm. on Native American Affairs	802-779-7015
VT DEC Spill Reporting (24-Hour)	800-641-5005
VT DEC Spill Reporting (day)	802-828-1138
VT Drinking Water & Groundwater	1-802-741-5311
VT Emergency Mgmt & Homeland Security	800-347-0488
VT Fish & Wildlife Dept (HQ)	802-828-1000
VT Hazmat Response Team	1-800-641-5005
VT Div of Historical Preservation	802-272-2509
EPA Region 1 Tribal Program	617-918-1123
National Response Center	800-424-8802
Great River Hydro LLC	802-291-8104
Connecticut River Conservancy	413-772-2020



*Site of DV-01a looking upriver/northeast (June 2021)*



*Looking west toward Black River and site of DV-01b (June 2021)*

**Resources Protected**

Fish	
Birds	
Threat/End. Species	General, Endangered/Threatened Plants
Cultural/Historical Resources	Connecticut River shorelines are highly archaeologically sensitive. Contact/consult the VT Div. for Historic Preservation prior to any response activities.
Human Use	Critical Infrastructure, Lock/Dam, Outdoor Rec Site/State Park, Rail Line
Land Management	Conservation Areas/Lands
Riverine	

**Navigational Hazards**

**Special Considerations**

Submerged archaeological sites likely in areas of boom deployment locations and passive recovery area. Limit ground/bottom disturbances. River conditions, including flow rate and flood stage, vary depending on time of year and heavy rain and/or snowfall. Survey site prior to deployment and modify deployment strategy as appropriate. If ice is present, reevaluate strategy.