

EPA Naugatuck River Geographic Response Strategy

Waterbury NR-CT-03A

Tactics Legend

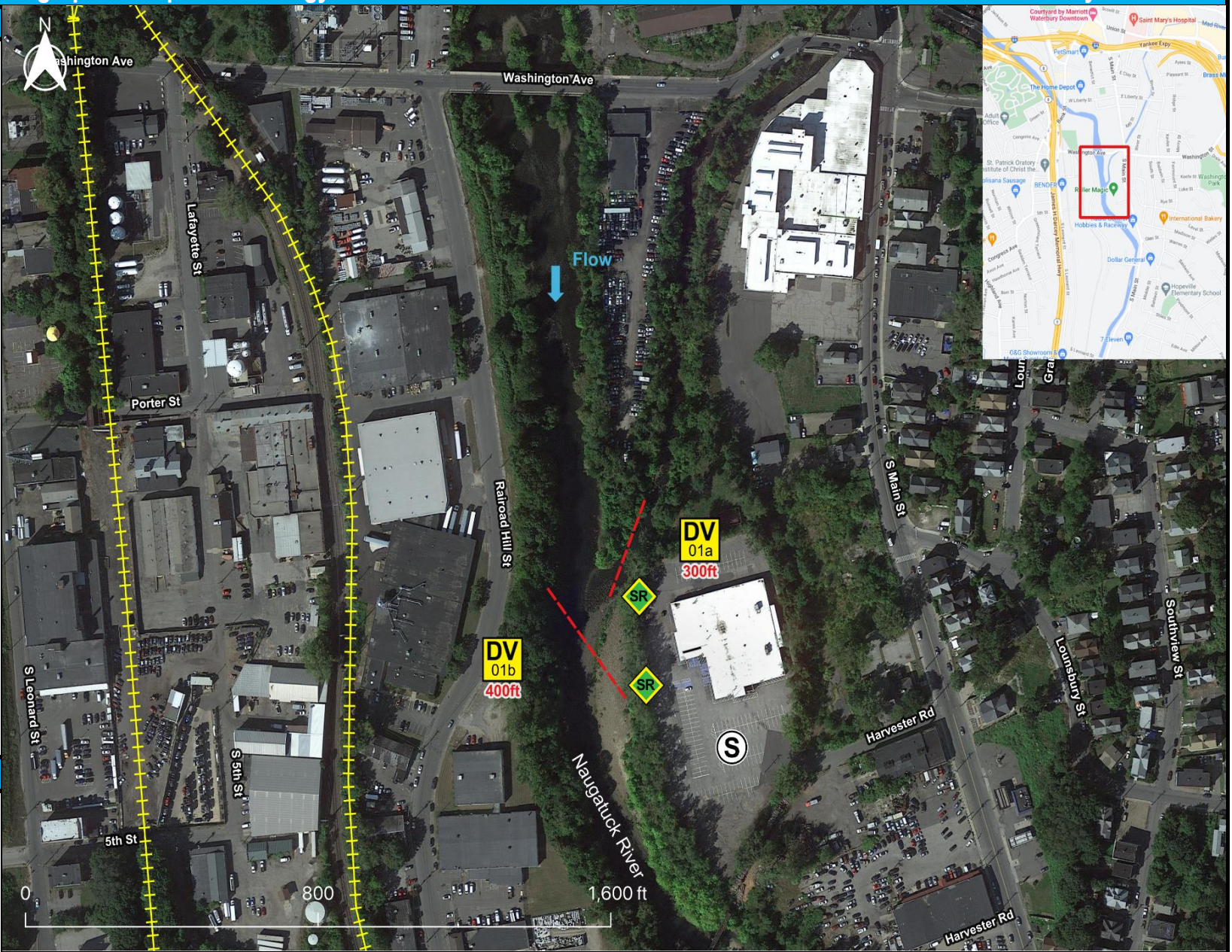
- DF** Deflection Booming
- DV** Diversion Booming
- EX** Exclusion Booming
- FO** Free Oil Recovery
- PR** Passive Recovery
- SR** Shoreside Recovery
- S** Staging Area
-  Boat Ramp
-  Kayak Ramp
-  Railroad
-  Protected-Water Boom
-  Protected-Water Boom (Ebb Tide)
-  Snare/ Sorbent Boom

Equipment - All Tactics

Boom(ft)	700
Marine anchors	3
Shore anchors	4
Sorbent Boom(ft)	0
FO Recovery Sys	0
Shore Responders	2
Boat Responders	2
Boats	2

Version

9/20/2022






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: 41° 32' 30"
 Longitude: 73° 2' 23"
 State: Connecticut

Tactic #	Purpose	Response Equipment	Deployment Resources	Deployment Notes
SR-01a 	Remove spilled oil that has been diverted to a designated recovery site accessible from shore.	2 skimming system 2 storage tank or bladder 2 hoses, pumps, fittings	2 shore responders	Set up shoreside recovery tactic at general location depicted on map.
		N/A	Testing Date	
DV-01a 	Redirect spilled oil from one location or direction of travel to a specific site for recovery.	300 ft protected water boom 1 marine anchor system 2 shoreline anchor system	2 shore responders 1 response boats 1 boat operators	Deploy boom as depicted to divert incoming oil to the collection site. Anchor every 200-300'. Adjust configuration as necessary to reduce entrainment. Set up shoreside recovery. Deploy shoreside anchor first.
		N/A	Testing Date	
DV-01b 	Redirect spilled oil from one location or direction of travel to a specific site for recovery.	400 ft protected water boom 2 marine anchor system 2 shoreline anchor system	2 shore responders 1 response boats 1 boat operators	Deploy boom as depicted to divert incoming oil to the collection site. Anchor every 200-300'. Adjust configuration as necessary to reduce entrainment. Set up shoreside recovery. Deploy shoreside anchor first.
		N/A	Testing Date	

Local contacts

Beacon Falls Fire Department	203-729-1470
Harwinton Fire Department	Contact LCD
Litchfield County Dispatch (LCD)	860-496-0711 (24-hr)
Long Island Soundkeeper	203-787-0646
NW CT Public Safety Comms Center	203-709-4400
Naugatuck Fire Department	203-720-7083
Seymour Fire Department	203-888-1909
Torrington Fire Department	860-489-2255
Waterbury Fire Department	203-597-3450
Watertown Fire Department	860-945-5220
CT DEEP Emergency Dispatch	860-424-3338 (24 hr)
CT Dept. of Agriculture/Shellfish	203-874-0696
CT State Emergency Response Commission	860-424-3373
National Response Center	800-424-8802



Site of DV-01a and DV-01b at Mad River. Skating Center (middle). River flows left to right.



Site of DV-01a and DV-01b at confluence of Mad River.

Resources Protected

Fish	No available data
Birds	No available data
Threat/End. Species	No available data
Cultural/Historical Resources	No available data
Human Use	Critical Infrastructure, Schools
Land Management	No available data
Riverine	No available data

Navigational Hazards

Lake and river conditions such as flow rate and flood stage vary depending on the time of year and heavy rain or snowfall.
 If ice is present GRS tactics and strategies must be reevaluated.
 Vessel operators should have local knowledge and experience operating in riverine environments.

Special Considerations

Survey site prior to deployment and modify deployment tactics and techniques as appropriate based on observed river conditions.

EPA Naugatuck River Geographic Response Strategy

Waterbury NR-CT-03B

Tactics Legend

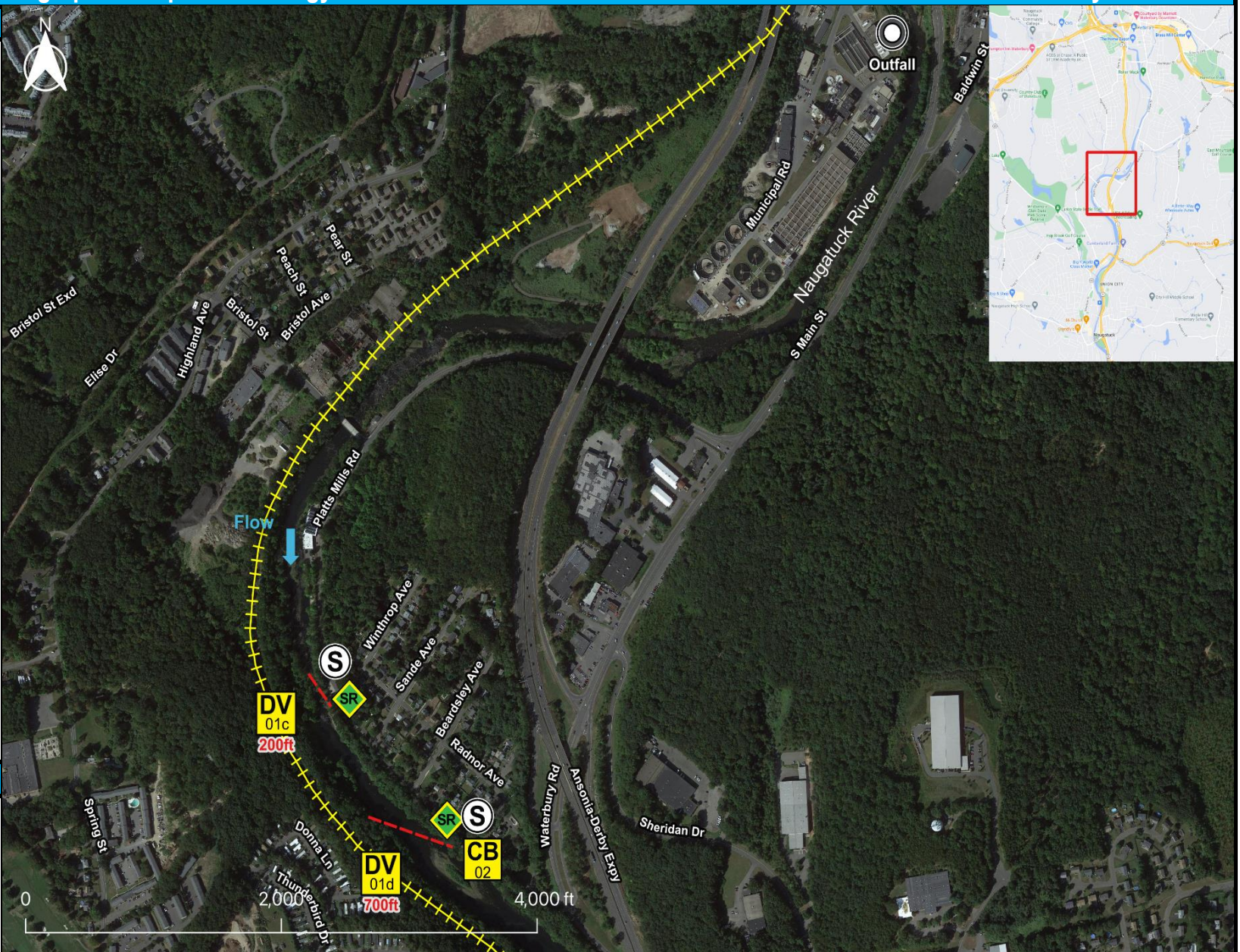
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- SR** Shoreside Recovery
- S** Staging Area
-  Boat Ramp
-  Kayak Ramp
-  Railroad
-  Protected-Water Boom
-  Protected-Water Boom (Ebb Tide)
-  Snare/ Sorbent Boom

Equipment - All Tactics

Boom(ft)	900
Marine anchors	4
Shore anchors	4
Sorbent Boom(ft)	0
FO Recovery Sys	0
Shore Responders	2
Boat Responders	2
Boats	2

Version

9/20/2022







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: 41° 30' 48"
 Longitude: 73° 3' 12"
 State: Connecticut

Tactic #	Purpose	Response Equipment	Deployment Resources	Deployment Notes
SR-01c 	Remove spilled oil that has been diverted to a designated recovery site accessible from shore.	2 skimming system 2 storage tank or bladder 2 hoses, pumps, fittings	2 shore responders	Set up shoreside recovery tactic at general location depicted on map.
		N/A	Testing Date	
DV-01c 	Redirect spilled oil from one location or direction of travel to a specific site for recovery.	200 ft protected water boom 1 marine anchor system 2 shoreline anchor system	2 shore responders 1 response boats 1 boat operators	Deploy boom as depicted to divert incoming oil to the collection site. Anchor every 200-300'. Adjust configuration as necessary to reduce entrainment. Set up shoreside recovery. Deploy shoreside anchor first.
			Testing Date	
DV-01d 	Redirect spilled oil from one location or direction of travel to a specific site for recovery.	700 ft protected water boom 3 marine anchor system 2 shoreline anchor system	2 shore responders 1 response boats 1 boat operators	Deploy boom as depicted to divert incoming oil to the collection site. Anchor every 200-300'. Adjust configuration as necessary to reduce entrainment. Set up shoreside recovery. Deploy shoreside anchor first.
			Testing Date	
CB-02 	Prevent oil that has entered drainage systems from impacting waterways and sensitive areas.	1 inflatable plug, sand bag, or plywood	2 shore responders	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.
		N/A	Testing Date	

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Culvert along east bank of river along Platts Mill Rd.



Site of DV-01c and DV-01d. River flows from top to bottom.

Resources Protected

Fish	No available data
Birds	No available data
Threat/End. Species	No available data
Cultural/Historical Resources	No available data
Human Use	Critical Infrastructure, Schools
Land Management	No available data
Riverine	No available data

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