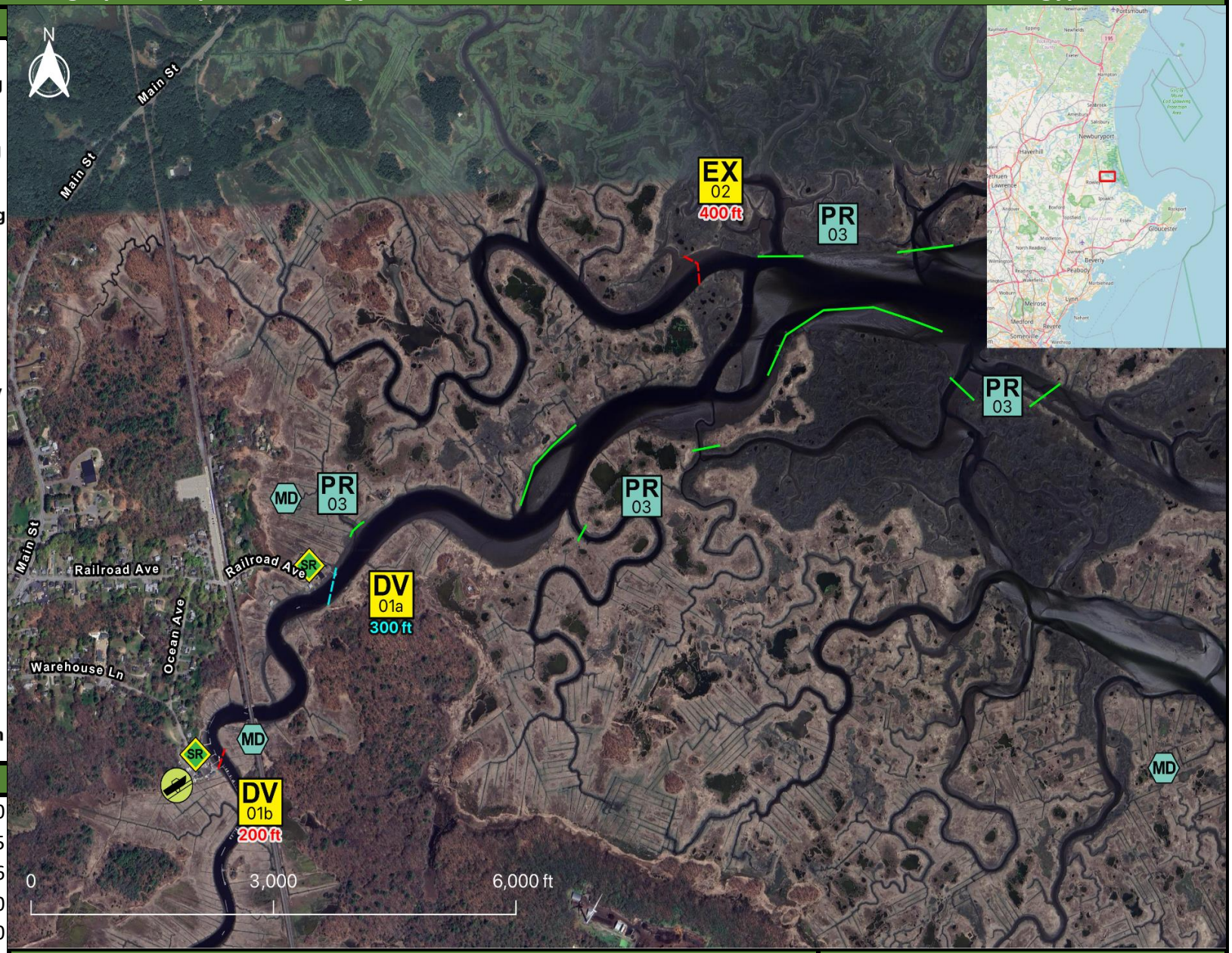
MassDEP North Shore Geographic Response Strategy

Egypt River NS06

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
- **BB** Beach Berm
- **TG** Tide Gate
- Protected-Water Boom
- Open-Water Boom
- Snare/ Sorbent Boom



Equipment - All Tactics

Boom(ft)	900
Marine anchors	5
Shore anchors	6
Sorbent Boom(ft)	4750
FO Recovery Sys	0
Shore Responders	2
Boat Responders	3
Boats	2

Version

12/31/25

Response Trailer, Tactics Deployment, and Responder Safety Information

A total of **1** state response trailers are required to implement all the tactics in this GRS.

Responders should always consider on-scene conditions before deploying GRP tactics.

Tactics may not be safe or effective under certain conditions.

Responder safety should always be the first priority.

Location

Latitude:	42°43’36” N
Longitude:	70°50’44” W
NOAA Chart #	13282

Geographic Response Strategy				Egypt River NS06
Tactic #	**Purpose**	**Response Equipment**	**Deployment Resources**	**Deployment Notes**
DV-01a DV	Redirect spilled oil from one location or direction of travel to a specific site for recovery.	300 ft protected water boom 2 marine anchor system 2 shoreline anchor system Testing Date	2 shore responders 1 response boats 3 boat responders N Tested	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. Alternate deployment with tide - reset during slack.
DV-01b DV	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 5/12/2025 Testing Date	2 shore responders 1 response boats 3 boat responders Y Tested	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.
EX-02 EX	Prohibit oil slicks from entering a sensitive area	400 ft protected water boom 2 marine anchor system 2 shoreline anchor system Testing Date	2 shore responders 1 response boats 3 boat responders N Tested	Tend through tidal changes. Deploy boom as depicted to exclude oil from sensitive areas. Anchor every 200-300'. Not tide dependent. Deploy shoreside anchor first. Readjust boom angle as needed to reduce entrainment
PR-03 PR	Remove spilled oil by collecting it in a sorbent material	150 ft sorbent boom 150 ft sorbent pom-poms 4 anchor stakes N/A Testing Date	2 shore responders Tested	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.
PR-03 PR	Remove spilled oil by collecting it in a sorbent material	1200 ft sorbent boom 1200 ft sorbent pom-poms 34 anchor stakes N/A Testing Date	2 shore responders Tested	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.
PR-03 PR	Remove spilled oil by collecting it in a sorbent material	600 ft sorbent boom 600 ft sorbent pom-poms 17 anchor stakes N/A Testing Date	2 shore responders Tested	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.
PR-03 PR	Remove spilled oil by collecting it in a sorbent material	2800 ft sorbent boom 2800 ft sorbent pom-poms 80 anchor stakes N/A Testing Date	2 shore responders Tested	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.
SR-04 SR	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 N/A Testing Date	2 shore responders Tested	Set up shoreside recovery tactic at general location depicted on map. Some access points located at private residences. Access may be difficult.

Local contacts

Rowley Fire Department	978-948-3812
Rowley Harbormaster	508-397-2450
Rowley Shellfish Constable	978-948-2508
Mass Bays Estuary Assn	978-374-0519
U.S.C.G. Station Merrimack	978-462-3428
Mass Division of Marine Fisheries	617-626-1520
Environmental Police	800-632-8075

Resources Protected

Marine Mammals	**None identified**
Fish	Anadromous
Invertebrates	Shellfish
Birds	Seabirds, Pied-Billed Grebe
Threat/End. Species	**None identified**
Cultural	**None identified**
Subsistence	**None identified**
Human Use	Boat Ramps, Marinas
Commercial Fishing	**None identified**
Land Management	**None identified**
Coastal Habitiat	Marsh/Swamp, Tidal Flats

Egypt River at Railroad Bridge and site of DV-01b (lower middle of photo)

Entrance to Egypt River. Site of EX-02 at top middle of photo

Special Considerations & Navigational Hazards

Tide range of 7-9ft. Tidal current max speed of 1kt in main channel. Extensive tidal flats exposed during low tides. Vessel operators should have local knowledge and experience in operating in strong currents. Responders should consider adding boom or passive recovery materials at the entrance of each mosquito ditch near tactic DV01b to prevent oil from entering these areas.