

MassDEP Mount Hope Bay Geographic Response Strategy

Lee River MHB04

Tactics Legend

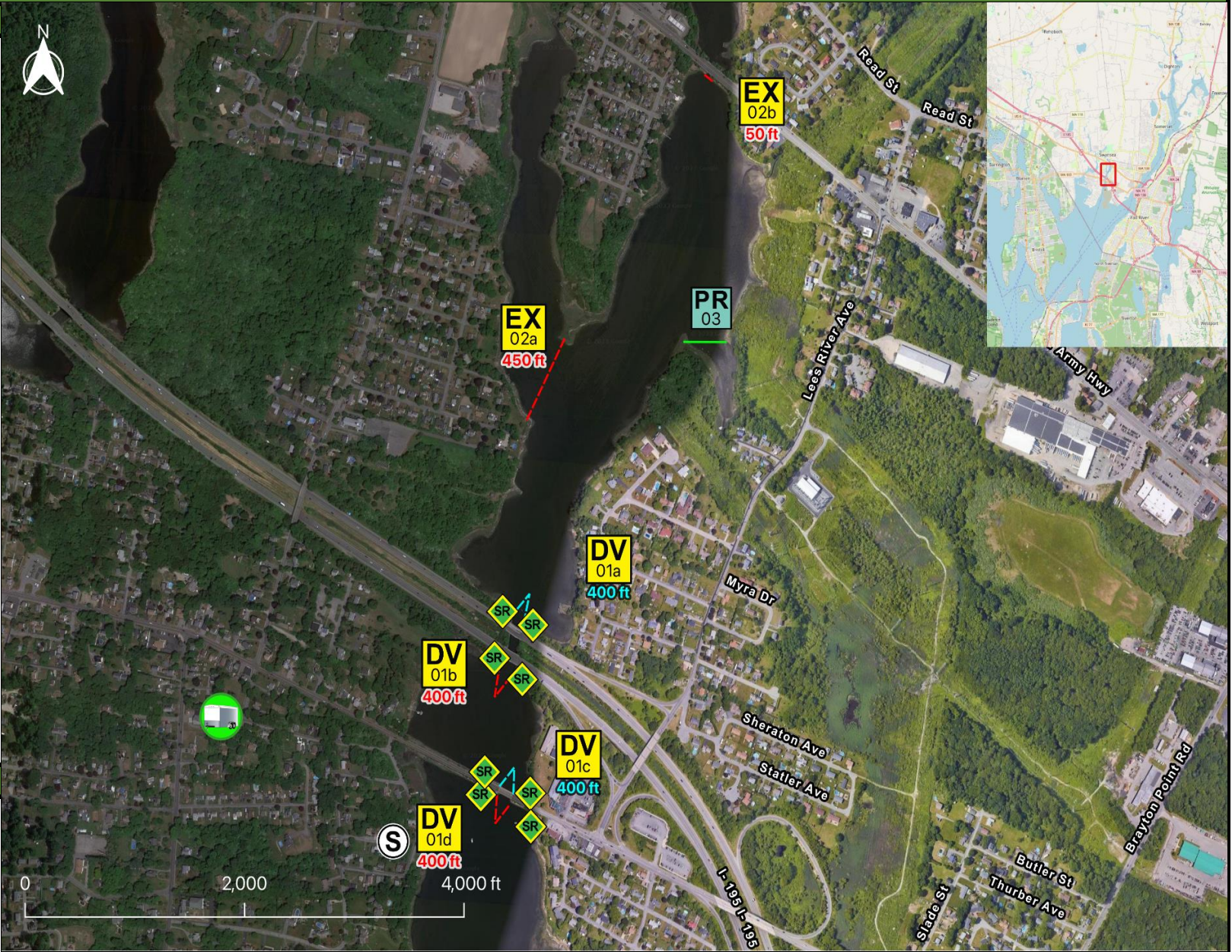
- DF** Deflection Booming
- DV** Diversion Booming
- EX** Exclusion Booming
- FO** Free Oil Recovery
- PR** Passive Recovery
- SR** Shoreside Recovery
- S** Staging Area
-  Boat Ramp
- BB** Beach Berm
- TG** Tide Gate
-  Protected-Water Boom
-  Open-Water Boom
-  Snare/ Sorbent Boom

Equipment - All Tactics

| | |
|------------------|------|
| Boom(ft) | 2100 |
| Marine anchors | 10 |
| Shore anchors | 12 |
| Sorbent Boom(ft) | 300 |
| FO Recovery Sys | 0 |
| Shore Responders | 2 |
| Boat Responders | 3 |
| Boats | 2 |

Version

2/15/2023



Response Trailer, Tactics Deployment, and Responder Safety Information









A total of **3** 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: 41°44'1" N
Longitude: 71°11'21" W
NOAA Chart # 13226

Geographic Response Strategy

Lee River MHB04

| Tactic # | Purpose | Response Equipment | Deployment Resources | Deployment Notes |
|--|--|--|---|---|
| DV-01a  | 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 3 boat responders | 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. |
| | | | 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 3 boat responders | 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. |
| | | | Testing Date | |
| DV-01c  | 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 3 boat responders | 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. |
| | | | Testing Date | |
| DV-01d  | 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 3 boat responders | 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. |
| | | 7/31/2014 | Testing Date | |
| EX-02a  | Prohibit oil slicks from entering a sensitive area | 450 ft protected water boom 2 marine anchor system 2 shoreline anchor system | 2 shore responders 1 response boats 3 boat responders | 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. |
| | | | Testing Date | |
| EX-02b  | Prohibit oil slicks from entering a sensitive area | 50 ft protected water boom marine anchor system 2 shoreline anchor system | 2 shore responders 1 response boats 3 boat responders | 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. |
| | | | Testing Date | |
| PR-03  | Remove spilled oil by collecting it in a sorbent material | 300 ft sorbent boom 300 ft sorbent pom-poms 9 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 | |
| SR-04  | Remove spilled oil that has been diverted to a designated recovery site accessible from shore | 8 skimming system 8 storage tank or bladder 8 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 | |

Local contacts

| | |
|---|---|
| Swansea Fire Department | 508-672-4305 |
| Somerset Fire Department | 508-646-2810 |
| Fall River Fire Department | 508-675-7411 |
| Dominion Energy Terminal | 508-646-5000 |
| Mass. Dept of Environmental Protection (24 Hours) | 888-304-1133 |
| U.S. Coast Guard (24 Hours) | 508-457-3211 |
| Swansea Conservation Commission | 508-673-6467 |
| Swansea Harbormaster | 508-799-8693 |
| Naragansett Baykeeper (Save The Bay) | 401-272-3540 |



Site of EX-02b at Route 6 Bridge

Resources Protected

| | |
|---------------------|----------------------------------|
| Marine Mammals | None identified |
| Fish | Anadromous, Catadromous, Finfish |
| Invertebrates | Shellfish |
| Birds | Shorebirds, Seabirds |
| Threat/End. Species | None identified |
| Cultural | None identified |
| Subsistence | None identified |
| Human Use | None identified |
| Commercial Fishing | None identified |
| Land Management | None identified |
| Coastal Habitat | Marsh/Swamp, Tidal Flats |



Culvert between I-195 Bridge

Special Considerations & Navigational Hazards

Important Bird Area (IPA) as designated by MassAudobon. Go to the Mass Audobon website (Conservation) for more information. Western shore south of DV-01 and down to the Rhode Island border is a known Piping Plover nesting area. Responders should not disturb nesting areas if encountered. Vessel operators should have local knowledge.