

Tactics Legend

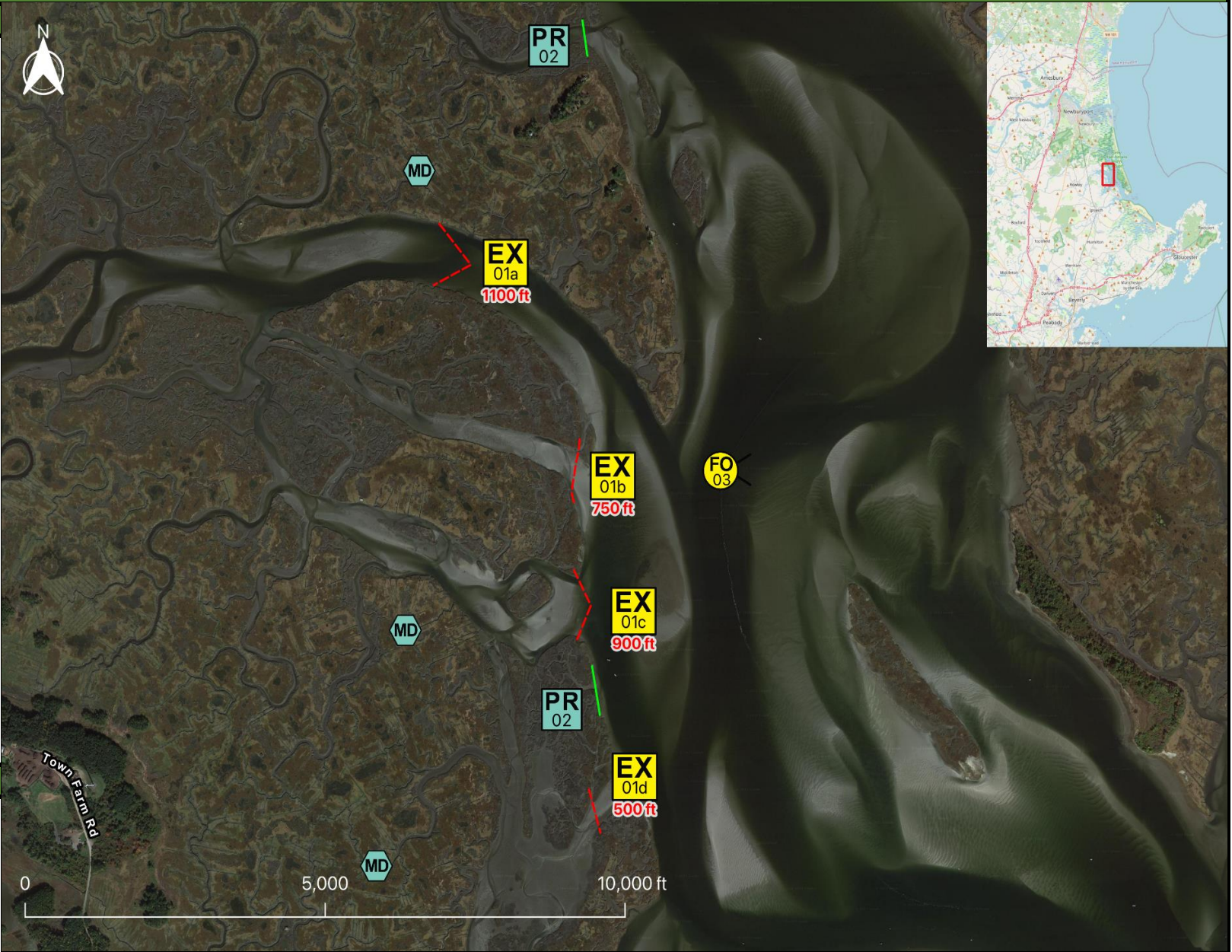
- DF** Deflection Booming
- DV** Diversion Booming
- EX** Exclusion Booming
- FO** Free Oil Recovery
- PR** Passive Recovery
- SR** Shoreside Recovery
- S** Staging Area
-  Boat Ramp
- BB** Beach Berm
- TG** Tide Gate
-  Protected-Water Boom
-  Open-Water Boom
-  Snare/ Sorbent Boom

Equipment - All Tactics

| | |
|------------------|------|
| Boom(ft) | 3250 |
| Marine anchors | 18 |
| Shore anchors | 8 |
| Sorbent Boom(ft) | 900 |
| FO Recovery Sys | 1 |
| Shore Responders | 2 |
| Boat Responders | 6 |
| Boats | 2 |

Version

2/15/2023



Response Trailer, Tactics Deployment, and Responder Safety Information








A total of 4 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°43'39" N
Longitude: 70°49'2" W
NOAA Chart # 13282

Geographic Response Strategy

Rowley River NS07

| Tactic # | Purpose | Response Equipment | Deployment Resources | Deployment Notes |
|--|--|---|---|---|
| EX-01a  | Prohibit oil slicks from entering a sensitive area | 1100 ft protected water boom 6 marine anchor system 2 shoreline anchor system | 2 shore responders 2 response boats 6 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. Readjust boom angle as needed to reduce entrainment |
| | | N/A | Testing Date | |
| EX-01b  | Prohibit oil slicks from entering a sensitive area | 750 ft protected water boom 4 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. |
| | | N/A | Testing Date | |
| EX-01c  | Prohibit oil slicks from entering a sensitive area | 900 ft protected water boom 5 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. Readjust boom angle as needed to reduce entrainment |
| | | N/A | Testing Date | |
| EX-01d  | Prohibit oil slicks from entering a sensitive area | 500 ft protected water boom 3 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. |
| | | N/A | Testing Date | |
| PR-02  | Remove spilled oil by collecting it in a sorbent material | 500 ft sorbent boom 500 ft sorbent pom-poms 14 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 | |
| PR-02  | Remove spilled oil by collecting it in a sorbent material | 400 ft sorbent boom 400 ft sorbent pom-poms 11 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 | |
| FO-03  | Contain and recover spilled oil on the water in the offshore & nearshore environment | 1 or more onwater skimming systems | | Deploy on-water recovery task force(s) in configuration suitable for types of vessels used and sea conditions, with skimming system(s) and temporary storage for recovered oil and water. Location not exact, will move to chase oil. |
| | | N/A | Testing Date | |

Local contacts

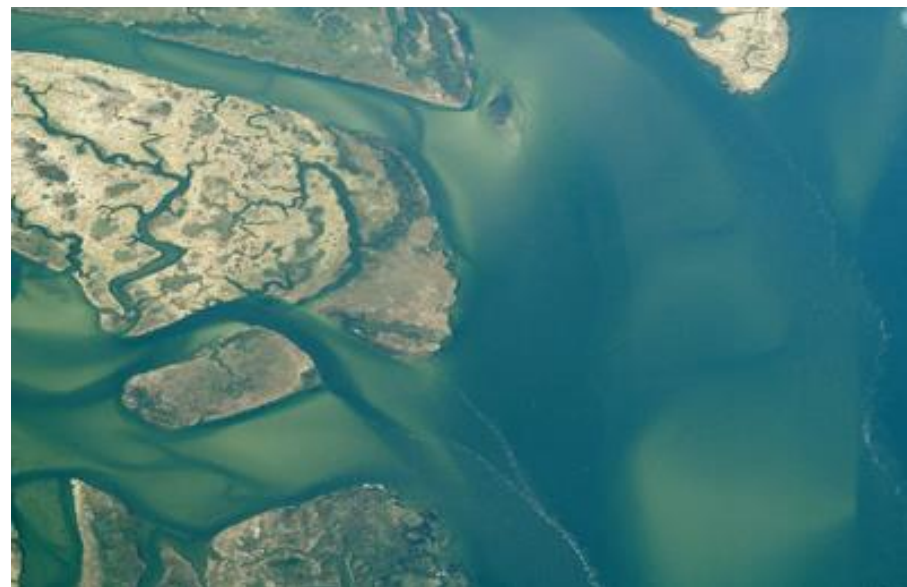
| | |
|-----------------------------------|---|
| Rowley Fire Department | 978-948-3812 |
| Rowley Harbormaster | 508-397-2450 |
| Mass Bays Estuary Assn | 978-374-0519 |
| U.S.C.G. Station Merrimack | 978-462-3428 |
| Mass Division of Marine Fisheries | 617-626-1520 |
| Environmental Police | 800-632-8075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



Mouth of Rowley River and site of EX-01a and EX-01b (08 April 2008 photo)

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, National Wildlife Refuge |
| Commercial Fishing | None identified |
| Land Management | None identified |
| Coastal Habitat | Marsh/Swamp, Tidal Flats |



Rodger Island River and site of EX-01c (08 April 2009 photo)

Special Considerations & Navigational Hazards

Tide range 7-9 ft. Tidal current max speed of 2-3 kts in main channel. Less than 1 kt inside creeks. Extensive tidal flats exposed during low tides. Vessel operators should have local knowledge and experience in operating in strong currents.