

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)         | 1000 |
| Marine anchors   | 5    |
| Shore anchors    | 2    |
| Sorbent Boom(ft) | 1500 |
| FO Recovery Sys  | 0    |
| Shore Responders | 2    |
| Boat Responders  | 6    |
| Boats            | 2    |

Version

2/15/2023



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°34'21" N  
**Longitude:** 70°43'34" W  
**NOAA Chart #** 13275

**Geographic Response Strategy**

**Black Beach NS20**

| Tactic #   | Purpose   | Response Equipment  | Deployment Resources  | Deployment Notes  |
|--|---|---|---|---|
| <b>EX-01</b><br> | Prohibit oil slicks from entering a sensitive area  | 1000 ft protected water boom<br>5 marine anchor system<br>2 shoreline anchor system | 2 shore responders<br>2 response boats<br>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.  |
|  |   | N/A   | Testing Date  |   |
| <b>CB-02</b><br> | Prevent oil that has entered drainage systems from impacting waterways and sensitive areas    | 2 inflatable plug, sand bag, or plywood   | 2 shore responders  | At low tide 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  |   |
| <b>PR-03</b><br> | Remove spilled oil by collecting it in a sorbent material                                     | 1500 ft sorbent boom<br>1500 ft sorbent pom-poms<br>43 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>SR-04</b><br> | Remove spilled oil that has been diverted to a designated recovery site accessible from shore | 2 skimming system<br>2 storage tank or bladder<br>2 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**

|                                       |   |
|---------------------------------------|---|
| Manchester by the Sea Fire Department | <a href="tel:978-526-4040">978-526-4040</a> |
| Manchester by the Sea Harbormaster    | <a href="tel:978-526-7832">978-526-7832</a> |
| Manchester by the Sea DPW             | <a href="tel:978-526-1242">978-526-1242</a> |
| Salem Sound Coastwatch                | <a href="tel:978-741-7900">978-741-7900</a> |
| USCG Station Gloucester               | <a href="tel:978-283-0705">978-283-0705</a> |
| Mass Division of Marine Fisheries     | <a href="tel:617-626-1520">617-626-1520</a> |
| Environmental Police                  | <a href="tel:800-632-8075">800-632-8075</a> |



*Site of EX-01 at Black Beach (16 April 2009 photo)*

**Resources Protected**

|                     |   |
|---------------------|---|
| Marine Mammals      | None identified                                   |
| Fish                | None identified                                   |
| Invertebrates       | None identified                                   |
| Birds               | Shorebirds, Seabirds, Glossy Ibis (Kettle Island) |
| Threat/End. Species | None identified                                   |
| Cultural            | None identified                                   |
| Subsistence         | None identified                                   |
| Human Use           | Beaches   |
| Commercial Fishing  | None identified                                   |
| Land Management     | None identified                                   |
| Coastal Habitat     | Salt Marsh  |



*Site of CB-02a and entrance to Wolf Trap Marsh at Ocean St looking north at mid-tide (27 May 2009 photo)*

**Special Considerations & Navigational Hazards**

PR-03: During bird nesting times responders should avoid the area. Tide range is 6-8 ft. Water depth at low tide ranges from 6-15 ft. Vessel operators should have local knowledge.