

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

2/22/2022



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
EX-01 	Prohibit oil slicks from entering a sensitive area	1000 ft protected water boom 5 marine anchor system 4 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.
		N/A	Testing Date	
CB-02 	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	
PR-03 	Remove spilled oil by collecting it in a sorbent material	1500 ft sorbent boom 1500 ft sorbent pom-poms 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	
SR-04 	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. Some access points located at private residences. Access may be difficult
		N/A	Testing Date	

Local contacts

Manchester by the Sea Fire Department	978-526-4040
Manchester by the Sea Harbormaster	978-526-7832
Manchester by the Sea DPW	978-526-1242
Salem Sound Coastwatch	978-741-7900
USCG Station Gloucester	978-283-0705
Mass Division of Marine Fisheries	617-626-1520
Environmental Police	800-632-8075



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-04: 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.