

MassDEP Boston Harbor Geographic Response Strategy

Weymouth Back River BH11

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)	3200
Marine anchors	17
Shore anchors	8
Sorbent Boom(ft)	6000
FO Recovery Sys	0
Shore Responders	2
Boat Responders	3
Boats	2

Version

2/22/2022



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°14'33" N
Longitude: 70°55'25" W
NOAA Chart # 13270

Geographic Response Strategy

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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.	900 ft protected water boom 5 marine anchor system 4 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.
		N/A	Testing Date	
DV-01b 	Redirect spilled oil from one location or direction of travel to a specific site for recovery.	800 ft protected water boom 4 marine anchor system 4 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.
		N/A	Testing Date	
DV-01b-alt 	Redirect spilled oil from one location or direction of travel to a specific site for recovery.	600 ft protected water boom 3 marine anchor system 4 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.
		N/A	Testing Date	
EX-02 	Prohibit oil slicks from entering a sensitive area	900 ft protected water boom 5 marine anchor system 4 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	
CB-03 	Prevent oil that has entered drainage systems from impacting waterways and sensitive areas	3 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-04 	Remove spilled oil by collecting it in a sorbent material	6000 ft sorbent boom 6000 ft sorbent pom-poms 171 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-05 	Remove spilled oil that has been diverted to a designated recovery site accessible from shore	10 skimming system 10 storage tank or bladder 10 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

Dept of Conservation & Recreation Rangers (24 Hour)	617-722-1188
Hingham Fire	781-749-1212
Hingham Harbormaster	781-741-1450
Mass. Dept of Environmental Protection (24 Hours)	888-304-1133
Weymouth Fire	781-337-5151
Weymouth Harbormaster & Shellfish Constable	781-682-6109
Weymouth Police	781-335-1212
US Coast Guard (24 Hour)	617-223-5757



Looking West towards Hewitt's Cove

Resources Protected

Marine Mammals	Harbor Porpoise, Harbor Seals
Fish	Anadromous, Finfish
Invertebrates	None identified
Birds	Shorebirds, Nesting Areas
Threat/End. Species	Rare Plants
Cultural	None identified
Subsistence	None identified
Human Use	None identified
Commercial Fishing	None identified
Land Management	None identified
Coastal Habitat	None identified



Looking North to the 3A Bridge

Special Considerations & Navigational Hazards

Area of Critical Environmental Concern. There is fuel located at the Hewitt's Cove Shipyard. Contact local DPW to open/close tide gates. Vessel operators should have local knowledge.