

MassDEP Boston Harbor Geographic Response Strategy

Town River BH09

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)	3300
Marine anchors	17
Shore anchors	7
Sorbent Boom(ft)	3600
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 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°15'5" N









**Longitude:** 70°58'39" W

**NOAA Chart #** 13270



# Geographic Response Strategy

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Tactic #	Purpose	Response Equipment	Deployment Resources	Deployment Notes
<b>TG</b> 	Tide Gates can act as an effective exclusion tactic during a spill to control the flow of oil into sensitive areas.	Coordinate with the local agency or organization that controls the tide gate, lock, or hurricane barrier to determine if the barrier could be closed to minimize spilled oil movement.		Consult with UC and appropriate local officials knowledgeable in the operation and limitations of tide gate. If needed, deploy hard boom or sorbent material around the entrance to the tide gate to ensure a proper seal. Tide gate system must be monitored throughout tidal cycle. See Special considerations for additional gate-specific information.
<b>EX-01a</b> 	Prohibit oil slicks from entering a sensitive area	1000 ft protected water boom 5 marine anchor system 2 shoreline anchor system N/A <b>Testing Date</b>	2 shore responders 2 response boats 6 boat responders N <b>Tested</b>	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
<b>EX-01a-alt</b> 	Prohibit oil slicks from entering a sensitive area	1000 ft protected water boom 5 marine anchor system 2 shoreline anchor system N/A <b>Testing Date</b>	2 shore responders 2 response boats 6 boat responders N <b>Tested</b>	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. Alternate deployment with tide - reset during slack. Readjust boom angle as needed to reduce entrainment
<b>EX-01b</b> 	Prohibit oil slicks from entering a sensitive area	800 ft protected water boom 4 marine anchor system 2 shoreline anchor system N/A <b>Testing Date</b>	2 shore responders 1 response boats 3 boat responders N <b>Tested</b>	Developed in cooperation with another agency. 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.
<b>DV-02</b> 	Redirect spilled oil from one location or direction of travel to a specific site for recovery.	500 ft protected water boom 3 marine anchor system 1 shoreline anchor system N/A <b>Testing Date</b>	2 shore responders 1 response boats 3 boat responders N <b>Tested</b>	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.
<b>CB-03</b> 	Prevent oil that has entered drainage systems from impacting waterways and sensitive areas	2 inflatable plug, sand bag, or plywood N/A <b>Testing Date</b>	2 shore responders Tested	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.
<b>PR-04</b> 	Remove spilled oil by collecting it in a sorbent material	3600 ft sorbent boom 3600 ft sorbent pom-poms 103 anchor stakes N/A <b>Testing Date</b>	2 shore responders Tested	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.
<b>SR-05</b> 	Remove spilled oil that has been diverted to a designated recovery site accessible from shore	1 skimming system 1 storage tank or bladder 1 hoses, pumps, fittings N/A <b>Testing Date</b>	2 shore responders Tested	Set up shoreside recovery tactic at general location depicted on map. Some access points located at private residences. Access may be difficult.

## Local contacts

Bay Point Marina	<a href="tel:617-471-1777">617-471-1777</a>
Braintree Fire Department	<a href="tel:781-843-3600">781-843-3600</a>
City of Quincy – Public Works	<a href="tel:617-376-1910">617-376-1910</a>
Dept of Conservation & Recreation Rangers (24 Hour)	<a href="tel:617-722-1188">617-722-1188</a>
Mass. Dept of Environmental Protection (24 Hours)	<a href="tel:888-304-1133">888-304-1133</a>
Quincy Fire (24 Hour)	<a href="tel:617-376-1011">617-376-1011</a>
Quincy Police	<a href="tel:617-479-1212">617-479-1212</a>
Sprague	<a href="tel:617-847-0994">617-847-0994</a>
Town River Yacht Club	<a href="tel:617-471-2716">617-471-2716</a>
Twin Rivers Technology	<a href="tel:617-472-9200">617-472-9200</a>



Marshes located at the Western end of Town River

## Resources Protected

Marine Mammals	Harbor Porpoise, Harbor Seals
Fish	Anadromous, Finfish
Invertebrates	Lobster, crab, shrimp, shellfish
Birds	Shorebirds
Threat/End. Species	<b>None identified</b>
Cultural	<b>None identified</b>
Subsistence	<b>None identified</b>
Human Use	Beach, Marina, Boat Ramp, Recreational Fishing
Commercial Fishing	<b>None identified</b>
Land Management	<b>None identified</b>
Coastal Habitat	Beach, Marsh/Swamp, Rocky, Riprap, Tidal Flats



Boat Ramp located at Town River Yacht Club

## Special Considerations &amp; Navigational Hazards

Contact local DPW to open/close tide gates. Vessel operators should have local knowledge.