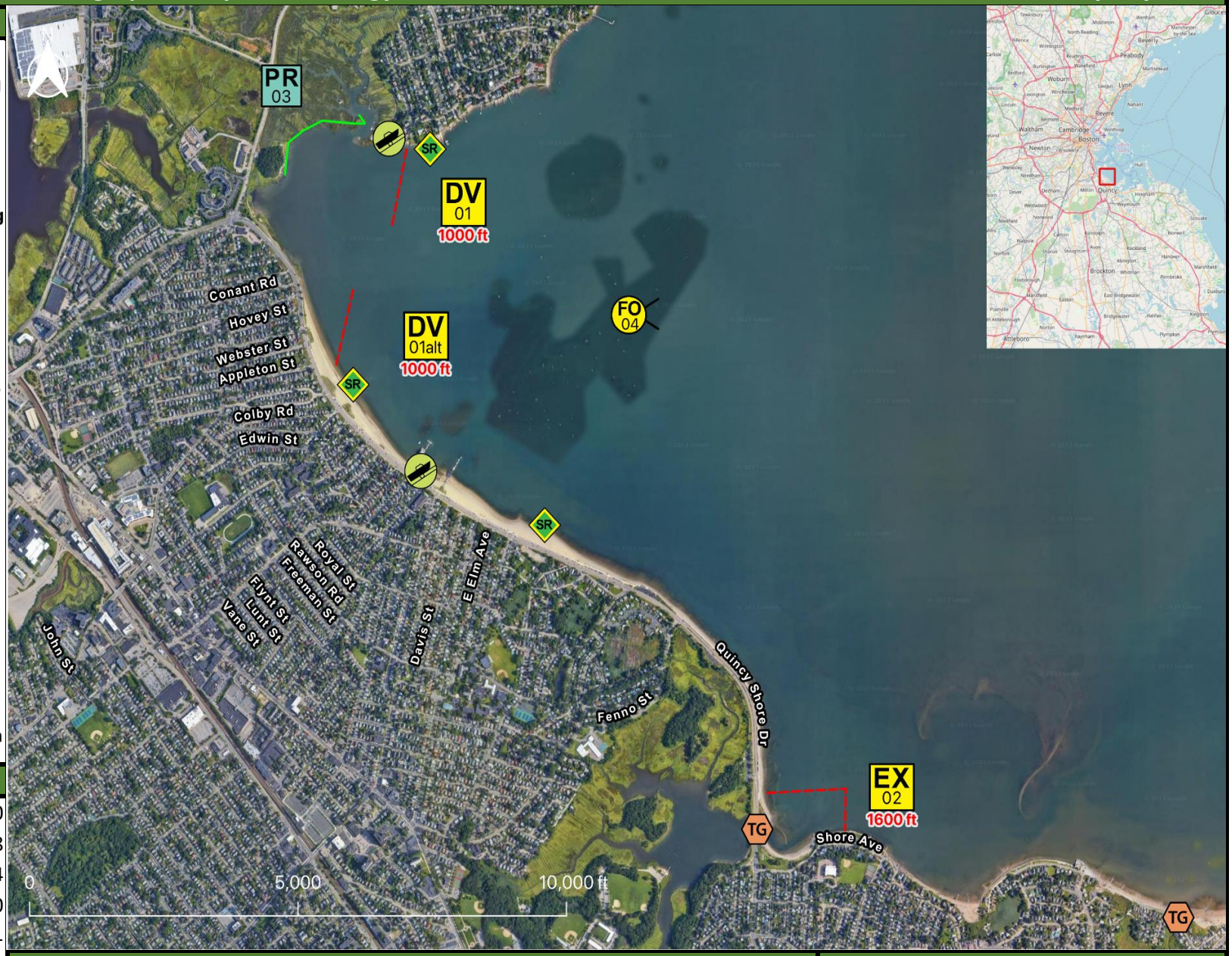
MassDEP Boston Harbor Geographic Response Strategy — Quincy Bay BH07

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)	3600
Marine anchors	18
Shore anchors	4
Sorbent Boom(ft)	1700
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°16’43” N
Longitude:	71°0’14” W
NOAA Chart #	13270

Geographic Response Strategy				Quincy Bay BH07
Tactic #	**Purpose**	**Response Equipment**	**Deployment Resources**	**Deployment Notes**
TG 	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. **N/A** **Testing Date**	**Tested**	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.
DV-01 	Redirect spilled oil from one location or direction of travel to a specific site for recovery.	1000 ft protected water boom 5 marine anchor system 1 shoreline anchor system **Testing Date**	2 shore responders 2 response boats 6 boat responders N **Tested**	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.
DV-01alt 	Redirect spilled oil from one location or direction of travel to a specific site for recovery.	1000 ft protected water boom 5 marine anchor system 1 shoreline anchor system **Testing Date**	2 shore responders 2 response boats 6 boat responders N **Tested**	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.
EX-02 	Prohibit oil slicks from entering a sensitive area	1600 ft protected water boom 8 marine anchor system 2 shoreline anchor system **Testing Date**	2 shore responders 2 response boats 6 boat responders N **Tested**	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
PR-03 	Remove spilled oil by collecting it in a sorbent material	1700 ft sorbent boom 1700 ft sorbent pom-poms 49 anchor stakes **N/A** **Testing Date**	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.
FO-04 	Contain and recover spilled oil on the water in the offshore & nearshore environment	1 or more onwater skimming systems **N/A** **Testing Date**	**Tested**	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.
SR-05 	Remove spilled oil that has been diverted to a designated recovery site accessible from shore	3 skimming system 3 storage tank or bladder 3 hoses, pumps, fittings **N/A** **Testing Date**	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

City of Quincy – Public Works	617-376-1910
Dept of Conservation & Recreation Rangers (24 Hour)	617-722-1188
Mass. Dept of Environmental Protection (24 Hours)	888-304-1133
Quincy Police	617-479-1212
Quincy Fire (24 Hour)	617-376-1011
Squantum Yacht Club	617-770-4811
US Coast Guard (24 Hour)	617-223-5757

Resources Protected

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

Entrance to Squantum Marsh

Tide Gate at Blacks Creek

Special Considerations & Navigational Hazards

Contact local DPW to open/close tide gates. Vessel operators must have local knowledge to safely navigate through the Squantum Marshes.