

MassDEP Buzzards Bay Geographic Response Strategy

Dartmouth Ponds BB06

Tactics Legend

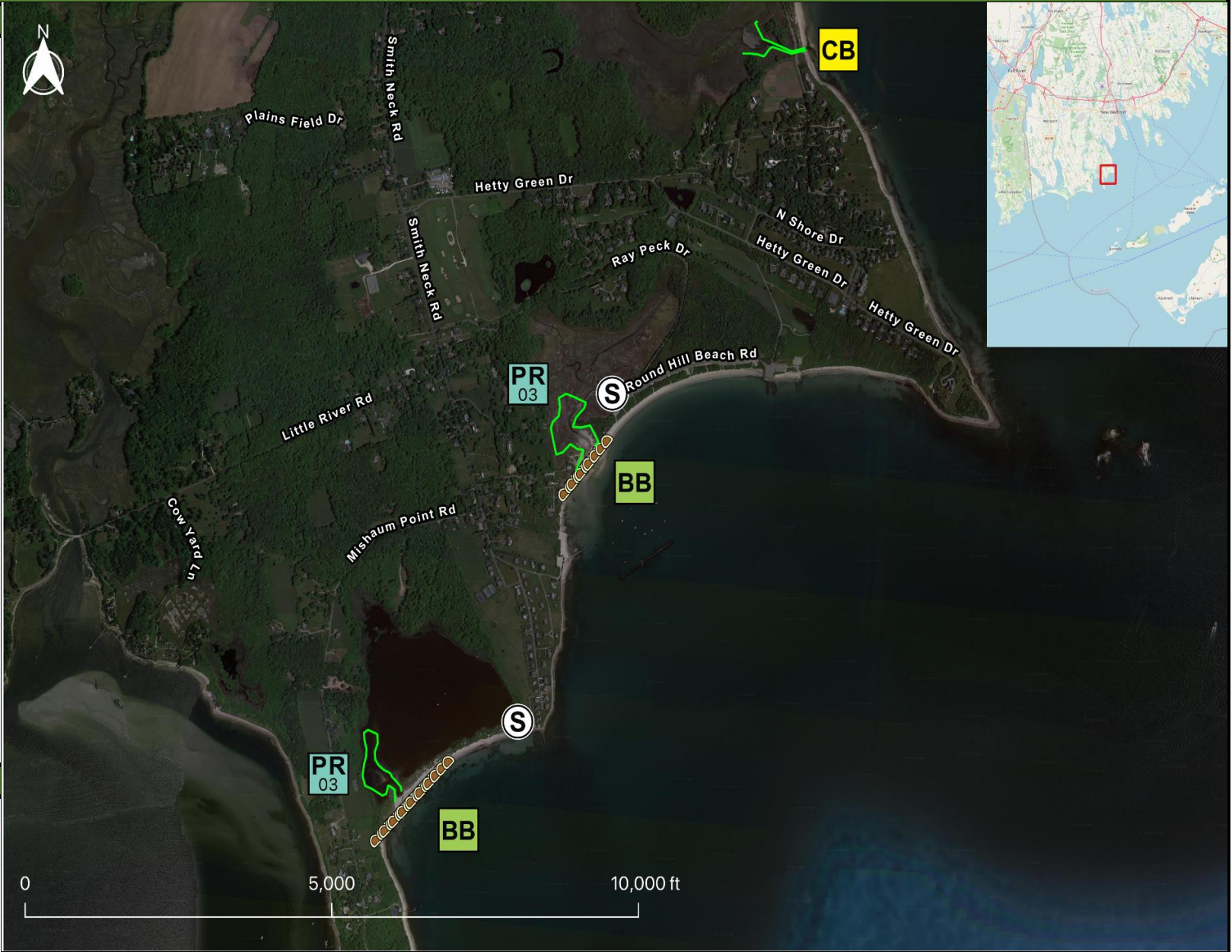
- DF** Deflection Booming
- DV** Diversion Booming
- EX** Exclusion Booming
- FO** Free Oil Recovery
- PR** Passive Recovery
- SR** Shoreside Recovery
- S** Staging Area
-  Boat Ramp
- BB** Beach Berm
- TG** Tide Gate
-  Protected-Water Boom
-  Open-Water Boom
-  Snare/ Sorbent Boom

Equipment - All Tactics

Boom(ft)	0
Marine anchors	0
Shore anchors	0
Sorbent Boom(ft)	4600
FO Recovery Sys	0
Shore Responders	2
Boat Responders	2
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: 41°32'19" N
Longitude: 70°56'43" W
NOAA Chart # 13232

Geographic Response Strategy

Dartmouth Ponds BB06

Tactic #	Purpose	Response Equipment	Deployment Resources	Deployment Notes
BB-01 	Exclude spilled oil from impacting sensitive areas by constructing a barrier from natural materials	Build a beach berm. Use local beach & inter-tidal bar sediments. Don't destroy any part of foredune. If berm is expected to remain in place for more than a few days, place one or more 20' x 12" pipe in the channel & build berm on top of pipe. Use culvert plugs to control water flow through the pipe. Permitting may be required.		Construction of beach berms typically require the use of heavy equipment and should only be attempted by professional responders. Beach berms should not be constructed without explicit direction from the UC. Permits for earth-moving to construct beach berms are required from state and federal agencies (MADEP, Army Corp. of Eng) and concurrence from Natural Resource Trustee Agencies may also be required.
		N/A	Testing Date	
CB-02 	Prevent oil that has entered drainage systems from impacting waterways and sensitive areas	1 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	2100 ft sorbent boom 2100 ft sorbent pom-poms 60 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	
PR-03 	Remove spilled oil by collecting it in a sorbent material	2500 ft sorbent boom 2500 ft sorbent pom-poms 71 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	

Local contacts

Environmental Affairs Coordinator	(508) 910-1822
Harbor Master	(508) 999-0759
Massachusetts Department of Fish and Wildlife	(508) 792-7270
The Coalition for Buzzards Bay	(508) 999-6363



Site of BB-01, Salters Pond looking northwest at low tide 29 May 2004. Note relatively large size of inter- and supratidal flood-tidal delta.

Resources Protected

Marine Mammals	None identified
Fish	None identified
Invertebrates	None identified
Birds	Waterfowl concentration, Piping Plover (state/federally threatened)
Threat/End. Species	None identified
Cultural	None identified
Subsistence	None identified
Human Use	Recreational Beaches
Commercial Fishing	None identified
Land Management	None identified
Coastal Habitat	Extensive marsh system, marsh grasses, eel grass beds, sand and cobble beaches

Site photo provided for reference

Special Considerations & Navigational Hazards