

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)	900
Marine anchors	6
Shore anchors	5
Sorbent Boom(ft)	1500
FO Recovery Sys	2
Shore Responders	2
Boat Responders	6
Boats	2

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°26'52" N  
**Longitude:** 70°48'40" W  
**NOAA Chart #** 13230

**Version**  
 9/29/2022

**Geographic Response Strategy**

**Pasque Island Marsh BB51**

Tactic #	Purpose	Response Equipment	Deployment Resources	Deployment Notes
<b>EX-01a</b> 	Prohibit oil slicks from entering a sensitive area	700 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 exclude oil from sensitive areas. Anchor every 200-300'. Not tide dependent. Deploy shoreside anchor first. Readjust boom angle as needed to reduce entrainment
		N/A	Testing Date	
<b>EX-01b</b> 	Prohibit oil slicks from entering a sensitive area	100 ft protected water boom 1 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	
<b>DF-02</b> 	Direct spilled oil away from a location to be protected or to change the course of the slick.	100 ft protected water boom 1 marine anchor system 2 shoreline anchor system	2 shore responders 2 response boats 6 boat responders	Tend through tidal changes. Deploy boom as depicted to deflect incoming oil away from sensitive areas. Anchor every 200-300'. Deploy shoreside anchor first.
		N/A	Testing Date	
<b>PR-03</b> 	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	
<b>BB-04</b> 	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	
<b>FO-05</b> 	Contain and recover spilled oil on the water in the offshore & nearshore environment	1 or more onwater skimming systems		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.
		N/A	Testing Date	
<b>FO-05</b> 	Contain and recover spilled oil on the water in the offshore & nearshore environment	1 or more onwater skimming systems		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.
		N/A	Testing Date	

**Local contacts**

Fire Chief	<a href="tel:(508)990-7408">(508) 990-7408</a>
Harbor Master	<a href="tel:(508)990-7578">(508) 990-7578</a>
Naushon Trust	<a href="tel:(508)229-8013">(508) 229-8013</a>
Pasque Island Trust	<a href="tel:(508)274-3294">(508) 274-3294</a>
Massachusetts Dept. of Fish and Wildlife	<a href="tel:(508)792-7270">(508) 792-7270</a>
The Coalition for Buzzards Bay	<a href="tel:(508)999-6363">(508) 999-6363</a>



*Pasque Island Marsh looking northeast at low tide on 29 May 2004. (RPI photo)*

**Resources Protected**

Marine Mammals	None identified
Fish	Shellfish, finfish
Invertebrates	None identified
Birds	Waterfowl concentration
Threat/End. Species	None identified
Cultural	None identified
Subsistence	None identified
Human Use	None identified
Commercial Fishing	None identified
Land Management	None identified
Coastal Habitat	Extensive costal marsh system with tidal flat, coastal ponds, eel grass beds, and sand and cobble beaches

*Site photo provided for reference*

**Special Considerations & Navigational Hazards**

Assistance from off-island personnel will be necessary to execute first responder strategies. Vessel operators should have local knowledge