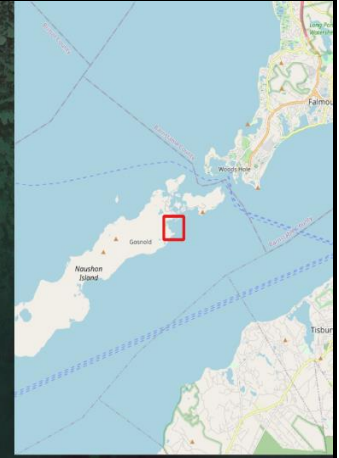


MassDEP Buzzards Bay Geographic Response Strategy

Lackey's Bay BB47

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)	4700
Marine anchors	24
Shore anchors	3
Sorbent Boom(ft)	2700
FO Recovery Sys	1
Shore Responders	2
Boat Responders	9
Boats	3

Response Trailer, Tactics Deployment, and Responder Safety Information

A total of 5 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°29'57" N
Longitude: 70°42'21" W
NOAA Chart # 13230

Version

2/22/2022

Geographic Response Strategy

Lackey's Bay BB47

Tactic #	Purpose	Response Equipment	Deployment Resources	Deployment Notes
DF-01 	Direct spilled oil away from a location to be protected or to change the course of the slick.	1200 ft open water boom 6 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. 36" boom staged in New Bedford and MMA. 42" boom staged at USCG Base Cape Cod. Contact MassDEP to access.
			Testing Date	
EX-02 	Prohibit oil slicks from entering a sensitive area	3500 ft protected water boom 18 marine anchor system 4 shoreline anchor system	2 shore responders 2 response boats 6 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.
			Testing Date	
PR-03 	Remove spilled oil by collecting it in a sorbent material	2700 ft sorbent boom 2700 ft sorbent pom-poms 77 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	
FO-04 	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

Falmouth Fire Chief	(508) 495-2511
Falmouth Harbormaster	(508) 547-2550
Falmouth DNR	(774) 836-3946
Falmouth Conservation Commission	(508) 495-7446
Massachusetts Dept. of Fish and Wildlife	(508) 792-7270
The Coalition for Buzzards Bay	(508) 999-6363



West end of Lackeys Bay 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, Roseate Tern (federal/state endangered)
Threat/End. Species	None identified
Cultural	None identified
Subsistence	None identified
Human Use	Private beaches, mooring field in inner harbor
Commercial Fishing	None identified
Land Management	None identified
Coastal Habitat	Coastal marsh system with tidal flat, coastal ponds, eel grass beds, and sand and cobble beaches



Lackeys Bay western shoreline looking south on 13 Jun 2007.

Special Considerations & Navigational Hazards

Maximum current in Vineyard sound estimated at 2 kts. Exposed rocks and reefs at low tide.