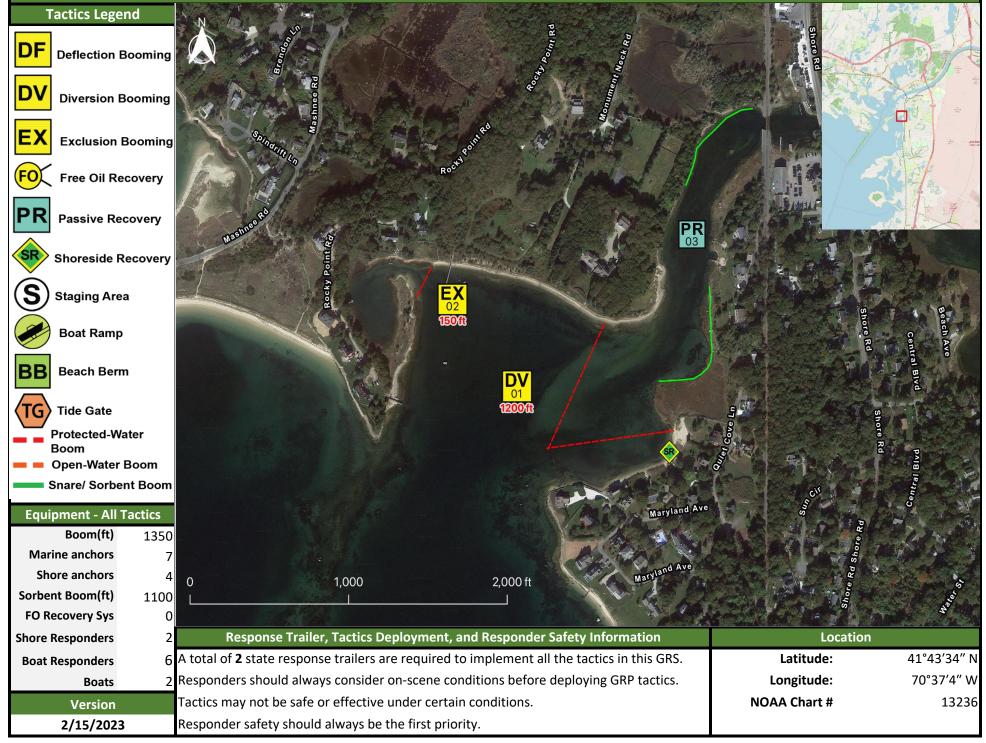
MassDEP Buzzards Bay Geographic Response Strategy

Back River System BB28



Geograp	Geographic Response Strategy Back River System BB28						
Tactic #	Purpose	Response Equipment	Deployment Resources	Deployment Notes			
DV-01	Redirect spilled oil from one location or direction of travel to a specific site for recovery.	1200 ft protected water boom 6 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 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	150 ft protected water boom 1 marine anchor system 2 shoreline anchor system Testing Date	2 shore responders 1 response boats 3 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.			
PR-03	Remove spilled oil by collecting it in a sorbent material	1100 ft sorbent boom 1100 ft sorbent pom-poms 31 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.			
SR-04	Remove spilled oil that has been diverted to a designated recovery site accessible from	1 skimming system	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.			

Geographic Response Strategy				
Local contacts				
Bourne Fire Department	<u>(508) 759-4412</u>			
Bourne DNR	<u>(508) 759-0600</u>			
Massachusetts Dept. of Fish and Wildlife	<u>(508) 792-7270</u>			
The Coalition for Buzzards Bay	<u>(508) 999-6363</u>			



View of river entrance looking northeast at low tide on 29 May 2004. (RPI photo)



Back River shoreline looking northeast at low tide on 17 Jan 2008.

Special Considerations & Navigational Hazards

Vessel operators should have local knowledge.

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	Recreational beaches, private docks		
Commercial Fishing	None identified		
Land Management	None identified		
Coastal Habitiat	Extensive marsh system, marsh grasses, eel grass beds, sand and cobble beaches (state area of critical environmental concern)		

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