

Geographic Response Strategy Tobys Island System BB29							
Tactic #	Purpose	Response Equipment	<b>Deployment Resources</b>	Deployment Notes			
EX-01a	Prohibit oil slicks from entering a sensitive area	600 ft protected water boom 3 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. Readjust boom angle as needed to reduce entrainment			
EX-01b	Prohibit oil slicks from entering a sensitive area	500 ft protected water boom 3 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.			
EX-01c	Prohibit oil slicks from entering a sensitive area	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 exclude oil from sensitive areas. Anchor every 200-300'. Not tide dependent. Deploy shoreside anchor first. Readjust boom angle as needed to reduce entrainment			
EX-01d	Prohibit oil slicks from entering a sensitive area	400 ft protected water boom	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. Readjust boom angle as needed to reduce entrainment			
CB-02	Prevent oil that has entered drainage systems from impacting waterways and sensitive areas	1 inflatable plug, sand bag, or plywood  N/A Testing Date	2 shore responders  Tested	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.			
BB-03	Exclude spilled oil from impacting sensitive areas by constructing a barrier from natural materials	Build a beach berm. Use local beach & inter-tidal bar sedim foredune. If berm is expected to remain in place for more t 20' x 12" pipe in the channel & build berm on top of pipe. Use through the pipe. Permitting may be required.  N/A  Testing Date	han a few days, place one or more	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.			

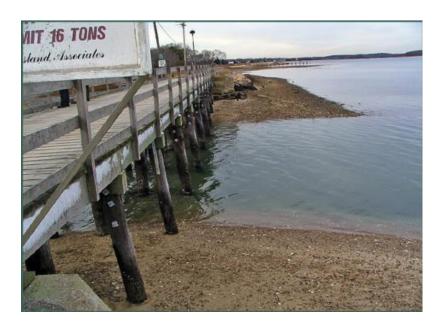
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Local contacts				
Bourne Fire Department	(508) 759-4412			
Bourne DNR	(508) 759-0600			
Massachusetts Dept. of Fish and Wildlife	(508) 792-7270			
The Coalition for Buzzards Bay	(508) 999-6363			

Resources Protected				
Marine Mammals	None identified			
Fish	Shellfish, finfish; highly valued shellfishing area			
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			



Tobys Island and Cove looking north on 17 Jan 2008.



Tobys Island Bridge (site of EX-01a) looking west at low tide on 17 Jan 2008.

Special Considerations & Navigational Hazards

Vessel operators should have local knowledge.