



Boston Harbor Geographic Response Plan

Hull BH-14



Map Legend			
BB Beach Berm	DF Deflection Booming	TG Tide Gate	Protected-water Boom (Flood Tide)
CB Culvert Block	EX Exclusion Booming	L Lock	Protected-water Boom (Ebb Tide)
DV Diversion Booming	SR Shoreside Recovery	Boat Ramp	Snare or Sorbent Boom
PR Passive Recovery	Free-oil Recovery	Beach Berm Material	Booming Strategy Developed by Other Agency
		● Outfall	

A total of 1 State Response Trailer is required to implement all of the tactics in this GRP.





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. The strategies contained within this plan have been designed to mitigate a potential off-shore or off-site release that could impact the subject plan area. When responding to other types of spills these tactics will likely require significant modification.





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ID	Location and Description	Response Strategy	Implementation
<p>BH-14-01</p>  	<p>Pemberton Point Lat. 42°18'11.68"N Lon. 70°55'12.33"W</p> <p>Alternate: Near US Coast Guard Station Lat. 42°18'7.60"N Lon. 70°54'52.54"W</p> <p>Tide gate at Nantasket Road: Lat. 42°16'42.88"N Lon. 70°52'38.73"W</p> <p>Tide gate at Spring Street & Main Street: Lat. 42°18'16.89"N Lon. 70°54'45.63"W</p>	<p>Divert & Collect Divert incoming oil to collection sites to allow for shoreside collection.</p> <p>Tide Gate There is a tide gate located between Nantasket Road & Newport Road and another located at Spring Street & Main Street. Contact the Department of Public Works to close the gate.</p>	<p>Deploy 1000ft of boom in a single leg from Pemberton Point. The trajectory of the oil will determine if the alternate strategy should be used. Placement of the boom may depend upon the current and tide stage. Divert oil to the shore for recovery.</p> <p>Deploy anchors every 200ft and tend throughout the tidal cycle.</p>
<p>BH-14-02</p> 	<p>Hull Harbor</p>	<p>Free-Oil Recovery Maximize free-oil recovery in the offshore & nearshore environment of Hull Harbor depending on spill location and trajectory.</p>	<p>Deploy free-oil recovery strike teams upwind and up current of the area. Use aerial surveillance to locate incoming slicks. Ensure that responders have experience with on-water free-oil recovery.</p>
<p>BH-14</p> 	<p>Along Newport Road Lat. 42°17'7.15"N Lon. 70°52'49.69"W</p>	<p>Shoreside Recovery Deploy shoreside recovery tactics in areas with shoreline access.</p>	<p>Set up shoreside recovery tactics on beaches and along bulk heads. An ideal location for shoreside recovery would be along a road, where a Vac Truck would have shoreline access.</p>





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ID	Response Resources	Staging Area Site Access	Resources Protected	Special Considerations
<p>BH-14-01</p>  	<p>Deployment Equipment 1000 ft 18" boom 5 anchor systems 1 anchor stake 1 shoreside recovery system Vessels 2 skiffs Personnel/Shift 6-8 total (1 vessel operator + 1 responder per vessel, 4 shoreside responders) Tending Vessels 1 skiff Personnel/Shift 3-4 total (1 vessel operator + 1 responder per vessel, 2 shoreside responders)</p>	<p>There is a boat ramp located at Sunset Bay Marina off of A Street from Nantasket Avenue.</p> <p>NOAA Chart 13270</p>	<p>Marine Mammals – Atlantic White Sided Dolphin, Harbor Porpoise, Harbor Seals</p> <p>Fish – Finfish</p> <p>Birds – Shorebirds, Seabirds, Nesting Sites</p> <p>Invertebrates – Lobster, crab, shrimp, shellfish</p> <p>Threatened Species – Rare Plants</p> <p>Human Use – Beach</p> <p>Habitat - Beach, Marsh/Swamp, Rocky, Riprap, Tidal Flats</p>	<p>Vessel master should have local knowledge.</p> <p>Contact the Department of Public Works to close the gates.</p> <p>Tested: Not Tested Yet</p> <p>Consider the time of year and relative presence of recreational boats when preparing to implement these strategies. Consult with the local harbormaster to develop a plan to address the presence of recreational boaters. Consider encouraging the immediate removal of recreational boats from target areas in the event of a spill if time allows.</p> <p>There are pump stations located long Newport Road and Milford Road. The pump stations discharge runoff water from the mainland and do not need to be plugged.</p> <p>Responders implementing this strategy should immediately consult with UC and appropriate local officials knowledgeable in the operation and limitations of tide gate. If this strategy is implemented the tide gate system must be monitored throughout the tidal cycle. Special considerations include potential localized flooding and personnel injury.</p>
<p>BH-14-02</p> 	<p>Deploy multiple free-oil recovery strike teams as required to maximize interception of oil before it impacts sensitive areas.</p>	<p>Same as BH-14-01</p>	<p>Same as BH-14-01</p>	<p>Vessel master should have local knowledge. Free-oil recovery should only be attempted if conditions permit and by experienced responders.</p> <p>Bumpkin Island has high recreational use during summer.</p>
<p>BH-14</p> 	<p>Deployment Equipment (All sites) Vac Truck or shoreside recovery system</p>	<p>There is site access along Newport Road.</p>	<p>Same as BH-14-01</p>	<p>Same as BH-14-01</p>





Site Photographs and Contact Information



Tide Gate located along Nantasket Road.



Sunset Marina from the West.



Pemberton Point from the West.

Contacts

Dept of Conservation & Recreation Rangers (24 Hour): 617-722-1188
Hull Dept of Public Works: 781-925-0900
Hull Fire: 781-925-8111
Hull Harbormaster: 781-925-0316
Mass. Dept of Environmental Protection (24 Hours): 888-304-1133
US Coast Guard: 617-223-5757

