



Boston Harbor Geographic Response Plan

Hough's Neck BH-8



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	FO Free-oil Recovery	Beach Berm Material	--- Booming Strategy Developed by Other Agency
		● Outfall	






A total of 3 State Response Trailers are 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
BH-08-01 	a.) Riverview Street Lat. 42°15'38.60"N Lon. 70°57'11.15"W b.) Southern part of Hough's Neck Lat. 42°15'18.58"N Lon. 70°57'25.78"W	Deflection Booming Either deflect approaching oil from away from the entrance to the marshes or towards possible shoreside recovery locations.	a.) Deploy 1000ft of boom from the shore near the intersection of Riverview Street and Rock Island Road in a Southwesterly direction to deflect oil approaching from the Northeast to prevent it from entering the cove and marsh systems. If oil is approaching from the Southwest, deploy DF-01b. b.) Deploy 1000ft of boom from the Southern tip of Hough's Neck in a Northeasterly direction to deflect oil approaching from the South. Deploy anchors every 200ft and tend throughout the tidal cycle.
BH-08-02  	a.) Entrance to Spring Street Marsh and Joseph Street Marsh Lat. 42°15'41.17"N Lon. 70°57'32.59"W b.) Rock Island Cove Salt Marsh Lat. 42°15'30.03"N Lon. 70°57'40.74"W	Exclusion Booming Prevent oil from entering the Spring Street, Joseph Street and Rock Island Cove Salt Marshes. Tide Gate The tide gate along Rock Island Road must be closed in order for the tactics to be successful, as it drains to Spring Street Marsh.	a.) Deploy 1200ft of boom in a single leg from the shore near Tower Street to the boat ramp near Pawsey Street. This would be a secondary form of exclusion to the tide gate. Line the protected water boom with passive boom. b.) Deploy 1600ft of boom in a closed chevron formation. The boom should be anchored at the boat ramp near Pawsey Street and at the Gulf Point Yacht Club. Line the marsh with passive boom. There is a possible shoreside recovery location at the beach along Rock Island Road. Anchors should be placed every 200ft and the boom should be tended throughout the tidal cycle.
BH-08-03 	Offshore of Hough's Neck	Free-Oil Recovery Maximize free-oil recovery in the offshore & nearshore environment of Hough's Neck depending on spill location and trajectory.	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.
BH-08 	Various Locations From Edgewater Drive: Lat. 42°15'47.95"N Lon. 70°57'8.26"W And Lat. 42°15'45.07"N Lon. 70°57'7.30"W	Shoreside Recovery Deploy shoreside recovery tactics to areas with shoreline access.	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 easy access to the shore.





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ID	Response Resources	Staging Area Site Access	Resources Protected	Special Considerations
BH-08-01 	Deployment <i>Equipment (All sites)</i> 2500 ft 18" boom 13 anchor systems 3 anchor stakes <i>Vessels</i> 2 skiffs <i>Personnel/Shift</i> 6-8 total (1 vessel operator + 1 responder per vessel, 4 shoreside responders) Tending <i>Vessels</i> 1 skiff <i>Personnel/Shift</i> 3-4 total (1 vessel operator + 1 responder per vessel, 2 shoreside responders)	From 3A: Turn on Sea Street. Turn right on Rockland Street. There is a boat ramp located at the end of Rockland Street. Additional boat ramps: From Sea Street, turn left on Winthrop Street. NOAA Chart 13270	Marine Mammals – Harbor Porpoise, Harbor Seals Fish – Anadromous, Finfish Birds – Shorebirds Invertebrates – Lobster, crab, shrimp, shellfish Human Use – Beach, Marina, Boat Ramp, Recreational Fishing Habitat - Beach, Marsh/Swamp, Rocky, Riprap, Tidal Flats	Vessel master should have local knowledge. Tested: not yet 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
BH-08-02  	Deployment <i>Equipment (All sites)</i> 2800 ft 18" boom 12 anchor systems 4 anchor stakes <i>Vessels</i> 2 skiffs <i>Personnel/Shift</i> Same as BH-08-01 Tending <i>Vessels & Personnel</i> Same as BH-08-01	Same as BH-08-01	Same as BH-08-01	Contact Public Works to close the tide gates. Responders implementing this strategy should immediately consult with UC and appropriate local officials knowledgeable in the operation and limitations of culvert system. If this strategy is implemented the culvert system must be monitored throughout the tidal cycle. Special considerations include potential localized flooding and personnel injury.
BH-08-03 	Deploy multiple free-oil recovery strike teams as required to maximize interception of oil before it impacts sensitive areas.	Same as BH-08-01	Same as BH-08-01	Vessel master should have local knowledge. Free-oil recovery should only be attempted if conditions permit and by experienced responders.
BH-08 	Deployment <i>Equipment (All sites)</i> Vac Truck	There is shoreside recovery access from the beach off of Edgewater Drive and along Rock Island Road.	Same as BH-08-01	Same as BH-08-01





Site Photographs and Contact Information



Entrance to Joseph Street Marsh under Rockland Street Bridge



Entrance to Rock Island Cove Salt Marsh



Spring Street Tide Gate



Entrance to Joseph Street and Spring Street Marshes

Contact Information

City of Quincy – Public Works: 617-376-1910
Dept of Conservation & Recreation Rangers (24 Hour): 617-722-1188
Mass. Dept of Environmental Protection (24 Hours): 888-304-1133
Quincy Fire (24 Hour): 617-376-1011
Quincy Police: 617-479-1212
Quincy Yacht Club: 617-471- 6136
US Coast Guard (24 Hour): 617-223-5757

