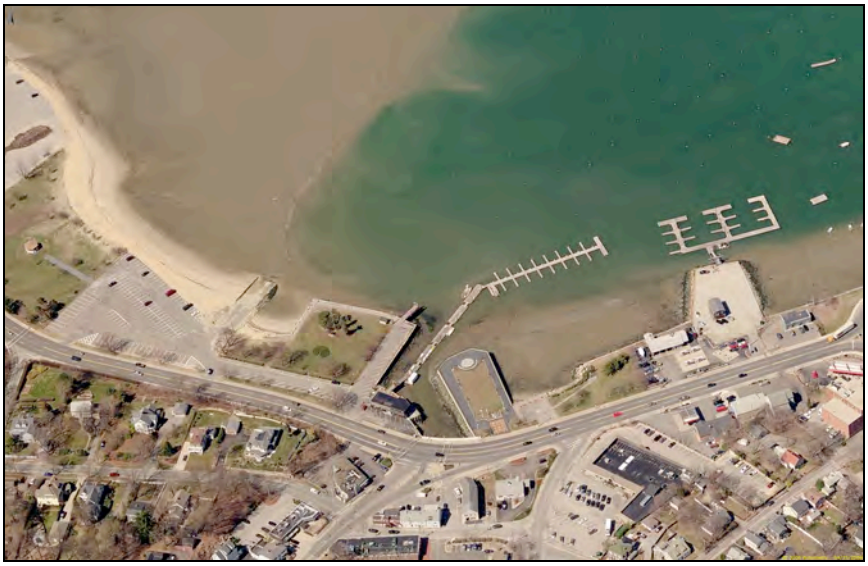

N
CB 02b
EX 01b
600 ft
FO 03
800 ft
EX 01a
CB 02a
250 ft
SR
EX 01c
TG
A total of 2 State Response Trailers are rquired to implement all of the tactics in this GRP.
Responders should always consider on-scene conditions before deploying GRP tactics. Tactics may not be safe or effective under certain conditions. Responder safety should always be first priority.
0 500 1000 1500 ft
LEGEND
BB Beach Berm
CB Culvert Block
DV Diversion Booming
PR Passive Recovery
DF Deflection Booming
EX Exclusion Booming
SR Shoreside Recovery
FO Free-oil Recovery
TG Tide Gate
L Lock
Boat Ramp
Beach Berm Material
Outfall
U.S. Coast Guard Station
Protected-water Boom (Flood Tide)
Protected-water Boom (Ebb Tide)
Snare or Sorbent Boom
Booming Strategy Developed by Other Agency

ID	Location and Description	Response Strategy	Implementation
BH-12-01 	a.) Walton Cove Lat. 42°15'23.45"N Lon. 70°53'47.37"W b.) Martins Well Lat. 42°15'28.95"N Lon. 70°52'27.58"W c.) Whitney Wharf Park Lat. 42°14'46.54"N Lon. 70°53'4.05"W	**Exclusion Booming** Prevent oil from entering the culverts and sensitive marshes.	a.) Deploy 800ft of boom in a semicircle formation from the shore near Causeway Road to the shore near Otis Street. This tactic would block oil from entering the small cove near Downer Avenue. b.) Deploy 600ft of boom in a closed chevron formation from the shore near Martins Lane. This would block oil from reaching the culvert that drains from the marsh in Planters Hill. c.) Deploy 250ft of boom in a spilt chevron* formation as depicted from the shore near Martins Lane. This would block oil from reaching the culverts that drain into and out of Mill Pond. *100 ft on the west side and 150ft on the east side of the floating pier. Anchors should be placed every 200ft and the boom should be tended throughout the tidal cycle.
BH-12-02  	a.) Under Otis Street/3A Lat. 42°15'2.33"N Lon. 70°53'28.96"W b.) Planters Hill Lat. 42°15'31.45"N Lon. 70°52'27.05"W	**Culvert Blocking** Exclude the flow of oil through the culverts. **Tide Gate** Prevent oil from entering the tide gate.	At low tide, place plywood or similar sheeting material across the entrance of the culvert. Use plastic sheeting to ensure the seal. Stack adequate sandbags against the plywood sheeting to counter the out flow pressure from the intertidal area. Monitor the block to ensure blocking integrity.
BH-12-03 	**Hingham Harbor**	**Free-Oil Recovery** Maximize free-oil recovery in the offshore & nearshore environment of Hingham Harbor 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-12 	**Bathing Beach** Lat. 42°14'48.25"N Lon. 70°53'12.83"W	**Shoreside Recovery** Deploy shoreside recovery tactics in 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.

ID	Response Resources	Staging Area Site Access	Resources Protected	Special Considerations
BH-12-01 EX	**Deployment** ***Equipment (All sites)*** 1650 ft 18" boom 6 anchor systems 4 anchor stakes ***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)	There is a boat ramp located at Bathing Beach off of Otis Street/1A. NOAA Chart 13270	**Marine Mammals –** Harbor Porpoise, Harbor Seals **Fish** – Anadromous, Finfish **Birds** – Seabirds, Shorebirds, Nesting Sites **Invertebrates** – Lobster, crab, shrimp, shellfish **Human Use –** Access, Beach, Boat Ramp, Marina, Recreational Fishing **Habitat -** Beach, Marsh/Swamp, Rocky, Riprap, Tidal Flats	This area is an Area of Critical Environmental Concern. Vessel master should have local knowledge. There is fuel available at the Hingham Yacht Club. Tested: EX-01c tested **09/28/17** 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-12-02 CB TG	**Deployment** ***Transport (per site)*** 1 Truck ***Equipment (per site)*** 2 sheets of plywood 100-200 sandbags 2 Polyethylene Sheeting ***Vessels/Personnel/Shift & Tending*** Same as BH-12-01	Same as BH-12-01 Town Brook Hingham tidegate is in a vault in a parking lot across from the harbor.	Same as BH-12-01	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. This tidegate is opened for fish passage and may need to be closed in spills. To close the gate, contact DPW.
BH-12-03 FO	Deploy multiple free-oil recovery strike teams as required to maximize interception of oil before it impacts sensitive areas.	Same as BH-12-01	Same as BH-12-01	Vessel master should have local knowledge. Free-oil recovery should only be attempted if conditions permit and by experienced responders.
BH-12 SR	**Deployment** ***Equipment (All sites)*** Vac Truck or shoreside recovery system	Same as BH-12-01	Same as BH-12-01	Same as BH-12-01

Site Photographs and Contact Information



Shoreside recovery location and CB02b

Culvert at CB02b

Culvert at CB02a

Contacts

Dept of Conservation & Recreation Rangers (24 Hour): 617-722-1188
Hingham Fire: 781-749-1212
Hingham Dept of Public Works: 781-741-1430
Hingham Harbormaster: 781-741-1450
Mass. Dept of Environmental Protection (24 Hours): 888-304-1133
US Coast Guard (24 Hour): 617-223-5757

Mutual Aid is available from other communities within the Boston Harbor GRP region that have state response trailers. More information can be found on the following MassDEP web site: http://www.mass.gov/eea/agencies/massdep/cleanup/marine/#5

Additional information regarding State Response Trailers, including locations and inventories can be found here: http://www.mass.gov/eea/agencies/massdep/cleanup/marine/oil-spill-training-and-equipment-resources.html