



Buzzards Bay Geographic Response Plan

New Bedford Outer Harbor BB-08







Map Legend			
BB Beach Berm	DF Deflection Booming	MD Mosquito Ditch	Protected-water Boom (Flood Tide)
CB Culvert Block	EX Exclusion Booming	U.S. Coast Guard Station	Protected-water Boom (Ebb Tide)
DV Diversion Booming	Shoreside Recovery	Boat Ramp	Snare or Sorbent Boom
PR Passive Recovery	Free-oil Recovery	Free-oil Recovery	Beach Berm Material

A total of 9 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.









ID	Location and Description	Response Strategy	Implementation
BB-08-01 	New Bedford Shoreline a) Clarks Cove - Lat. 41°35'56"N Lon. 70°54'45"W b) Clarks Point - Lat. 41°35'38"N Lon. 70°54'01"W c) Fort Tabor Pier - Lat. 41°35'46"N Lon. 70°53'59"W	Exclusion Set lines of boom to exclude oil from locations indicated.	Deploy anchors and boom with skiffs. a) Set 2000 ft of 18" boom as shown in diagram to protect productive shellfish beds. Hold boom off of shore with anchors. Set only if calm seas are forecasted. b) Set 500 ft of 18" boom as shown in diagram to protect small salt marsh at tip of Clarks Point. c) Set 1000 ft of 18" boom between beach and end of Ft. Tabor pier to minimize oil damage near East Beach collection site. Hold boom off of shore with anchors.
BB-08-02 	New Bedford Harbor Hurricane Barrier Lat. 41°37'28.4"N Lon. 70°54'21.3"W	Hurricane Barrier Close Hurricane Barrier gates to exclude oil from entering inner New Bedford Harbor.	Contact U.S. Army Corp of Engineers (ACOE) at (508) 759-8500, Cape Cod Canal. Coordinate closing of gates with ACOE to prevent oil from entering inner harbor. Barrier has one main gate and two box culverts.
BB-08-03 	New Bedford Shoreline a) West Beach - Lat. 41°36'20"N Lon. 70°54'58"W b) Coral St. Boat Ramp - Lat. 41°35'59"N Lon. 70°54'48"W c) Davy's Locker Beach - Lat. 41°36'36"N Lon. 70°54'18"W d) East Beach - Lat. 41°35'52"N Lon. 70°54'10"W	Divert and Collect - Shoreside Place and anchor sections of boom in a cascaded fashion to divert the oil to the identified shoreside collection locations.	Deploy anchors and boom with skiffs. Place 6x200 ft sections of protected water boom at each site in a cascaded fashion to divert incoming oil to the collection sites. Set up shoreside recovery units. Tend throughout the tide.
BB-08-04 	New Bedford Outer Harbor Nearshore waters in the general area of: Lat. 41°35'00"N Lon. 70°53'30"W	Free-oil Recovery Maximize free-oil recovery in the offshore & nearshore environment of Clarks Cove and New Bedford Outer Harbor depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of Clarks Cove and harbor entrance. Use aerial surveillance to locate incoming slicks.





ID	Response Resources	Staging Area Site Access	Resources Protected	Special Considerations
BB-08-01 	Deployment <i>Equipment</i> 3500 ft. 18" protected-water boom 15 anchor sets 6 anchor stakes <i>Vessels</i> 2 skiffs <i>Personnel/Shift</i> 8 total (1 vessel operator + 1 responder per vessel, 4 shoreside responders) Tending <i>Same Vessels and Personnel as Deployment</i>	Staging Area: Waste Treatment Plant parking lot, 1000 S Rodney French Blvd; Route 18 to Rodney French Blvd. Site Access: a) West Rodney French Blvd at foot of Lucas St and b) and c) Fort Tabor parking lot. Chart 13230-1	Fish-shellfish, finfish, productive shell fish bed located near end of Clarks Point. Birds-waterfowl concentration. Habitat-eel grass beds, sand and cobble beaches, shoreline armament, small salt marsh at end of Clarks Point. Human use-aquaculture intake pipe and Community Boating Center located at north end of Clarks Cove. Mooring field, public beaches, and Fort Tabor.	Vessel master(s) must have local knowledge. Wastewater treatment plant outflow pipe south of Clarks Point. Minimal currents, large waves can be expected in strong SE wind. Site surveyed: 01/18/08. Tested: 05/11/11, no changes to testing plan.
BB-08-02 	Personnel provided by ACOE.	N/A Chart 13299-1	Fish-shellfish, finfish. Birds-waterfowl concentration. Habitat-sand and cobble beaches, shoreline armament, commercial docks and bulkheads. Extensive salt marsh system at the head of harbor. Human use- large commercial port, mooring fields, marinas and shipyards.	Heavy vessel traffic can be expected in shipping channel. This strategy should also be executed for a large spill within the inner harbor to contain oil.
BB-08-03 	Deployment <i>Equipment (PER SITE)</i> 1200 ft. 18" protected-water boom 11 anchor sets 1 anchor stakes 1 shoreside recovery system <i>Vessels</i> 2 skiffs <i>Personnel/Shift</i> 8 total (1 vessel operator + 1 responder per vessel, 4 shoreside responders) Tending <i>Same Vessels and Personnel as Deployment</i>	Staging Area: Same as BB-08-01. Site Access: East/West Rodney French Blvd at foot of a) Lucas St, b) Coral St, c) Clara St, and d) Nina St. Each site has sand beach and parking area. Chart 13230-1	Same as BB-08-01	Same as BB-08-01
BB-08-04 	Deploy multiple free-oil recovery strike teams as required to maximize interception of oil before it impacts sensitive areas.	Vessel Platform Via marine waters Chart 13230-1	Same as BB-08-01 and BB-08-02	Vessel master should have local knowledge.





Site Photographs and Contact Information



View of north end of Outer Harbor at low tide on 29 May 2004. Inner Harbor can be seen at top of photo. RPI photo.



Davy's Locker Beach at low tide on 31 May 2004. RPI photo.



Collection site at Coral St Boat Ramp on 18 January 2008.

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