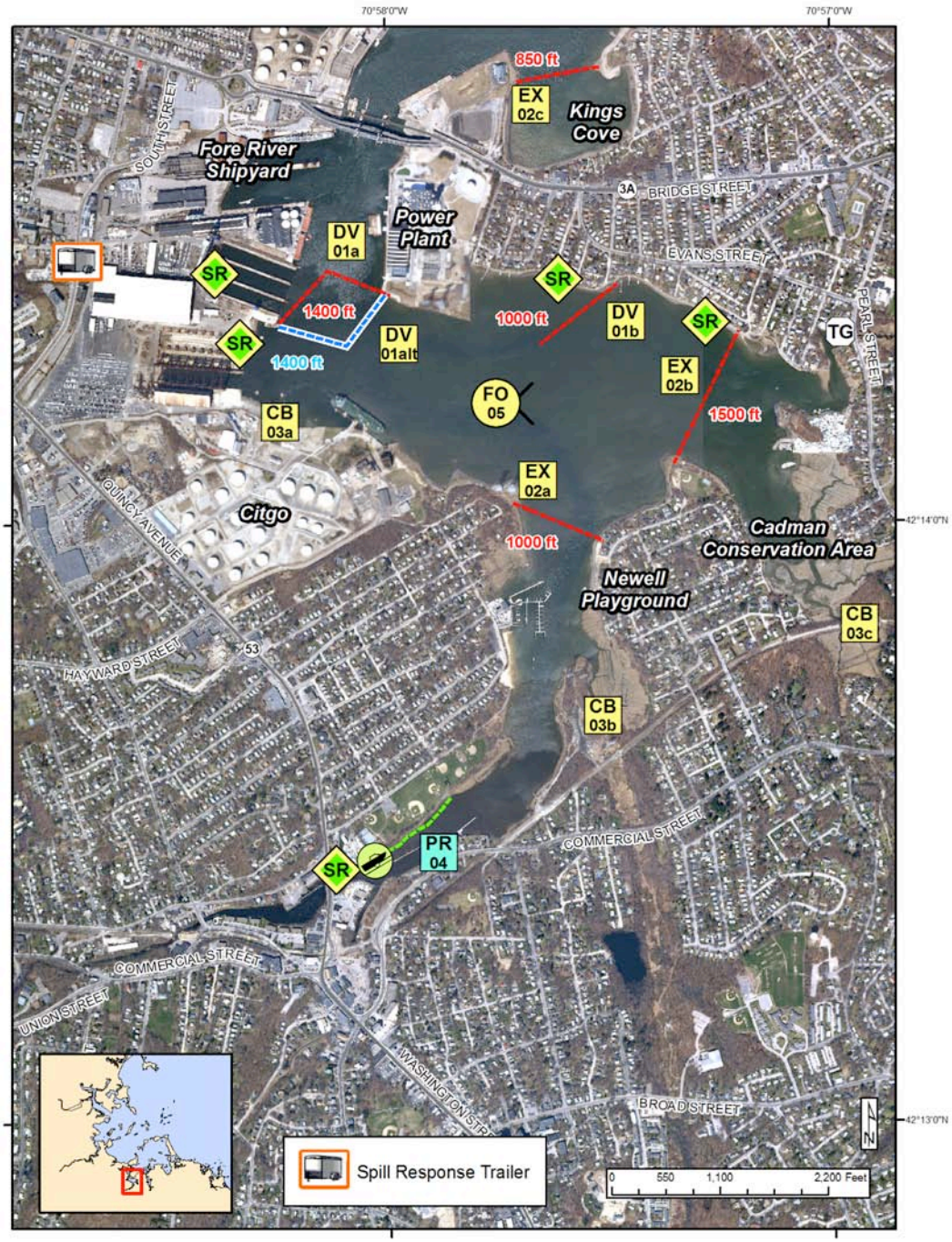

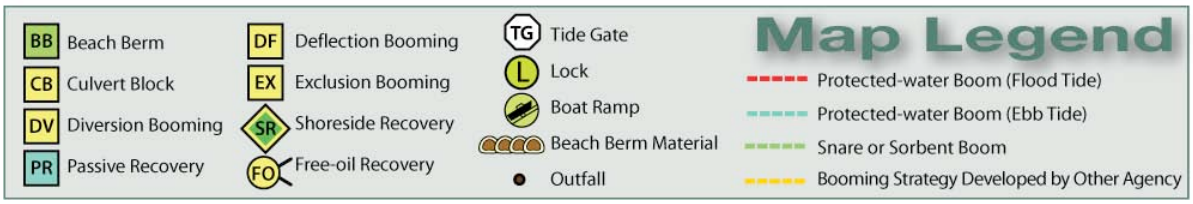

A total of 6 State Response Trailers are required to implement all of the tactics in this GRP.

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.

ID	Location and Description	Response Strategy	Implementation
BH-10-01 	a.) **Fore River Shipyard** Lat. 42°14'20.64"N Lon. 70°58'6.59"W b.) **Evans Street & Rosemont Street** Lat. 42°14'23.58"N Lon. 70°57'30.73"W	**Divert & Collect** Divert incoming oil to shoreside recovery locations	a.) On flood tide, deploy 1500ft of boom in a closed chevron formation from the Power Plant to the dock in the Fore River Shipyard. This would prevent oil from entering the Fore River area. Set up shoreside recovery tactics along the bulkheads in the Fore River Shipyard. On ebb tide, deploy EX-02d. b.) Deploy 1000ft of boom in a Southwesterly direction in a single leg from the shore near Rosemont Street. Shoreside recovery should be set up here as well. Deploy anchors every 200ft and tend throughout the tidal cycle.
BH-10-02  	a.) **Near Bert's Boat Yard Marina** Lat. 42°13'59.92"N Lon. 70°57'36.03"W b.) **Mill Cove** Lat. 42°14'11.10"N Lon. 70°57'13.28"W c.) **Kings Cove** Lat. 42°14'43.15"N Lon. 70°57'36.98"W d.) **Fore River Shipyard** Lat. 42°14'20.64"N Lon. 70°58'6.59"W	**Exclusion Booming** Prevent oil from entering the sensitive marshes and moving further upstream. On ebb tide, prevent oil from exiting the Fore River. **Tide Gate** The tide gate should be closed to act as a secondary form of exclusion. Contact Public Works to close the gate.	a.) Deploy 1000ft of boom in a single leg from the shore near Venus Road to the shore near Idlewell Road. This tactic would block oil from moving further upstream. b.) Deploy 1500ft of boom to block off Mill Cove. The boom should span from Newell Playground to the shore near Stratford Road. This boom would act as secondary exclusion to the tide gate. c.) Deploy 850ft of boom to block off Kings Cove. d.) On ebb tide, deploy 1500ft of boom in a closed chevron formation from the Power Plant to the dock in the Fore River Shipyard. This would prevent oil from leaving the Fore River area. Anchors should be placed every 200ft and the boom should be tended throughout the tidal cycle.
BH-10-03 	a.) **Near the Citgo facility** Lat. 42°14'9.59"N Lon. 70°58'7.50"W b.) **Railroad** Lat. 42°13'40.70"N Lon. 70°57'30.88"W c.) **Cadman Conservation Area** Lat. 42°13'50.25"N Lon. 70°56'53.91"W	**Culvert Blocking** Exclude the flow of oil through the storm-water culverts.	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. a.) This culvert is 96 inches wide. Monitor the block to ensure blocking integrity.
BH-10-04 	**Braintree Yacht Club** Lat. 42°13'26.33"N Lon. 70°58'4.01"W	**Passive Recovery** Place passive recovery tactics along the shoreline to recover oil and prevent it from entering sensitive areas.	Place snare or sorbent boom along marsh front to minimize damage and facilitate recovery. Replace as necessary to maximize the recovery. If oil threatens to enter mosquito ditches, use available materials to close off the ditch channel to prevent oil from migrating further into the area. Line with sorbent or snare boom to absorb any oil that migrates into the mosquito ditch. Replace as necessary to maximize the recovery.
BH-10-05 	**Fore River**	**Free-Oil Recovery** Maximize free-oil recovery in the offshore & nearshore environment of the Fore River 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-10 	**Stratford Street** Lat. 42°14'18.86"N Lon. 70°57'10.69"W	**Shoreside Recovery** Deploy shoreside recovery tactics to 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-10-01 DV	**Deployment** ***Equipment (All sites)*** 2400 ft 18" boom 11 anchor systems 3 anchor stakes 2 shoreside recovery systems ***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 the Braintree Yacht Club off of Gordon Road from Hwy 53. 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: 10/31/11 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-10-02 EX TG	**Deployment** ***Equipment (Sites a, b and c)*** 3350 ft 18" boom 13 anchor systems 6 anchor stakes ***Vessels*** 2 skiffs ***Personnel/Shift*** Same as BH-10-01 **Tending** ***Vessels & Personnel*** Same as BH-10-01	Same as BH-10-01	Same as BH-10-01	Contact Public Works to close the tide gate. 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.
BH-10-03 CB	**Deployment** ***Transport*** 1 Truck **Equipment** 2 sheets of plywood 100-200 sandbags 2 Polyethylene Sheeting ***Vessels/Personnel/Shift & Tending*** Same as BH-10-01	Same as BH-10-01	Same as BH-10-01	If the area requires continued draining use an underflow dam or adjustable weir to exclude incoming oil.
BH-10-04 PR	**Deployment** ***Equipment*** 1000 ft. of snare or sorbent boom 10 anchor stakes ***Personnel/Shift*** 4 shoreside responders	Same as BH-10-01	Same as BH-10-01	Use snare boom for persistent oils and sorbent boom for non-persistent oils. Responders should determine if attempting to deploy the boom would do more harm to the marsh.
BH-10-05 FO	Deploy multiple free-oil recovery strike teams as required to maximize interception of oil before it impacts sensitive areas.	Same as BH-10-01	Same as BH-10-01	Vessel master should have local knowledge. Free-oil recovery should only be attempted if conditions permit and by experienced responders.
BH-10 SR	**Deployment** ***Equipment (All sites)*** Vac Truck or shoreside recovery system	From 3A, take a left on Evans Street and a left on Stratford Street.	Same as BH-10-01	Same as BH-10-01

Site Photographs and Contact Information

The Cadman Conservation Area

Looking South towards the Citgo Facility

Looking North towards the location of EX01a

Contacts

Weymouth Harbormaster: 781-682-6109
Weymouth Fire: 781-337-5151
Weymouth Police: 781-335-1212
City of Quincy – Public Works: 617-376-1910
Dept of Conservation & Recreation Rangers (24 Hour): 617-722-1188
US Coast Guard – Sector Boston (24 Hour): 617-223-5757
Mass. Dept of Environmental Protection (24 Hours): 888-304-1133
Quincy Police: 617-479-1212
Quincy Fire (24 Hour): 617-376-1011
Braintree Fire: 781-843-3600
Citgo – Braintree: 781-848-2595
Braintree Yacht Club: 781-843-9730