





Rhode Island Geographic Response Plan – “A” & “M” Creeks RI-18







Rhode Island Geographic Response Plan – “A” & “M” Creeks RI-18

ID	Location and Description	Response Strategy	Implementation
RI-18-01 	Mussachuck Creek Lat. 41°43'49.8"N Lon. 71°20'27.1"W	Exclusion Exclude oil from entering Mussachuck Creek and impacting marsh areas.	Deploy anchors and boom from skiffs at high tide. Deploy two 100 ft-legs of boom across the opening to Mussachuck Creek to provide two layers of protection against incoming oil. Secure with anchor stakes. Add passive recovery at shore attachment point. Tend throughout the tidal cycle to ensure a good seal is maintained.
RI-18-02 	Mussachuck Creek a) Lat. 41°43'49.8"N Lon. 71°20'27.1"W Annawamscott Creek b) Lat. 41°44'02.3"N Lon. 71°20'27.6"W	Passive Recovery Place passive recovery tactics behind boom, along banks and across creeks to minimize impact from entrained oil on sensitive areas.	Deploy snare or sorbent boom along the banks of the creeks and at other locations determined by responders to minimize impact from entrained oil. For a) place passive recovery behind booms to catch any entrained oil. For b) use passive recovery to exclude oil from entering creek by placing sorbent or snare boom directly across creek and along the banks. Remove oiled sorbents at low tide and replace with new material as necessary.
RI-18-03 	South of Mussachuck Creek Lat. 41°43'30.3"N Lon. 71°20'19.9"W	Divert & Collect – Shoreside Deploy boom in the identified pattern to divert oil to shoreside collection location.	Deploy anchors and boom from skiffs at high tide. Deploy 600 ft. of boom NW direction to divert oil during an ebb tide to shoreside collection site. Adjust angle and collection location depending upon on-scene conditions and oil trajectory. Attach anchor every 200 ft. Place passive recovery at collection point to minimize leakage. Set up shoreside recovery system. Tend throughout the tide as needed.
RI-18-04 	Narragansett Bay Nearshore waters in the general area of – Lat. 41°43'50.0"N Lon. 71°20'34.0"W	Free-oil Recovery Maximize free-oil recovery in the offshore & nearshore environment of Mussachuck Creek depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of Annawamscott and Mussachuck Creeks. Position free-oil recovery task forces so that they can prevent oil from reaching the shoreline. Use aerial surveillance to locate incoming slicks.



Rhode Island Geographic Response Plan – “A” & “M” Creeks RI-18

ID	Response Resources	Staging Area Site Access	Resources Protected	Special Considerations
RI-18-01 	Deployment Equipment 200 ft. 18” protected-water boom 6 anchor stakes 600 ft. snare or sorbent boom Vehicles 1 ATV with trailer Personnel/Shift 4 shoreside responders	Stage equipment at Haynes Park; Rt 103 S / Pawtucket Ave, to Willet Ave, to Metropolitan Park Dr. Site access via land; Willet Ave, to Washington Rd, to Glen Ave, to Nyatt Rd Site access via marine waters at high tide only. Chart: 13224-1	Birds-waterfowl and seabirds Habitat-fringe marshes, sand and gravel beaches	Consider building beach berm if access is attainable. Minimal current expected. Entire site surveyed: 06/05/08. Tested: not yet.
RI-18-02 	Deployment Equipment 2000 ft. snare or sorbent boom 200 anchor stakes Personnel/Shift 8 shoreside responders	Staging; Same as RI-18-01. Site Access: a) Same as RI-18-01. b) Willet Ave, to Washington Rd, to Spinnaker Dr to private path.	Same as RI-18-01.	Use snare boom for persistent oils and sorbent boom for non-persistent oils.
RI-18-03 	Deployment Equipment 600 ft. 18” protected-water boom 6 anchor stakes 600 ft. snare or sorbent boom Vehicles 1 ATV with trailer Personnel/Shift 4 shoreside responders	Same as RI-18-01.	Same as RI-18-01.	Same as RI-18-01.
RI-16-03 	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: 13224-1	Same as RI-18-01.	Vessel master should have local knowledge. Free-oil recovery should only be attempted if conditions permit and by experienced responders.



Site photographs and Contact information



Barrington
Harbormaster
(401) 437-
3930
Barrington
Fire
Department
(401) 437-
3940

