

Rhode Island Geographic Response Plan – "O" Cove RI-03






version: November 2008

Nuka Research and Planning Group, LLC






Rhode Island Geographic Response Plan – “O” Cove RI-03

ID	Location and Description	Response Strategy	Implementation
RI-03-01 	Occupessatuxet Cove (O-Cove) Lat. 41°44'08.9"N Lon. 71°22'52.4"W	Exclusion Exclude oil from entering the marsh area in the western section of O-Cove.	Deploy anchors and boom with skiffs at high tide. Place 900 to 1000 ft. of 18” water boom directly across the mouth of the western section of the cove. Secure with anchor stakes on shore and anchors in midstream. Tend throughout the tide.
RI-03-02 	Occupessatuxet Cove (O-Cove) Various locations	Passive Recovery Place passive recovery tactics to recover oil and prevent it from entering O-Cove.	Deploy snare or sorbent boom along shoreline at mouth of O-Cove and in marsh areas. Remove oiled sorbents at low tide and replace with new material as necessary.
RI-03-03 	Occupessatuxet Cove (O-Cove) Nearshore waters in the general area of: Lat. 41°43'48"N Lon. 71°22'12"W	Free-oil Recovery Maximize free-oil recovery in the offshore & nearshore environment of O-Cove and Green Island depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of O-Cove and Green Island. Position free-oil recovery task forces so that they can prevent oil from reaching the shoreline or to retrieve oil deflected from RI-03-01. Use aerial surveillance to locate incoming slicks.



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ID	Response Resources	Staging Area Site Access	Resources Protected	Special Considerations
RI-03-01 	Deployment Equipment 1000 ft. 18” protected-water boom 4 anchor sets 2 anchor stake Vessels 2 skiffs Personnel/Shift 6 total (1 vessel operator + 1 responder per vessel, 2 shoreside responders) Tending Vessels 2 skiffs Personnel/Shift 5 total (1 vessel operator + 1 responder per vessel, 1 shoreside responder)	Launch vessels from Conimicut Park (poor condition) or DEM boat ramp on South Long Meadow Rd. Stage equipment at Conimicut Park and transport to site by vessel. To Conimicut Park; Rt 117 S, to Bush Ave, to Symonds Ave, to Point Ave. To South Meadow: W. Shore Rd to Cole Farm Rd to Meadow Rd. Site access via marine waters. Chart: TBD	Fish-shellfish, finfish Birds-waterfowl and seabirds; Osprey Habitat-fringe marshes, sand and gravel beaches, shoaling bar	Vessel master should have local knowledge. Shallow waters and shifting shoals at entrance to cove. Sand bar not navigable between Green Island and shoreline. Entire site surveyed: 07/18/08. Tested: 10/9/08.
RI-03-02 	Deployment Equipment 2000 ft. snare or sorbent boom 20 anchor stakes Vessels 1 skiff Personnel/Shift 2 shoreside responders	Same as RI-03-01.	Same as RI-03-01.	Same as RI-03-01.
RI-03-03 	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: TBD	Same as RI-03-01.	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



Contact: Warwick Fire Department (401) 468-4000.

