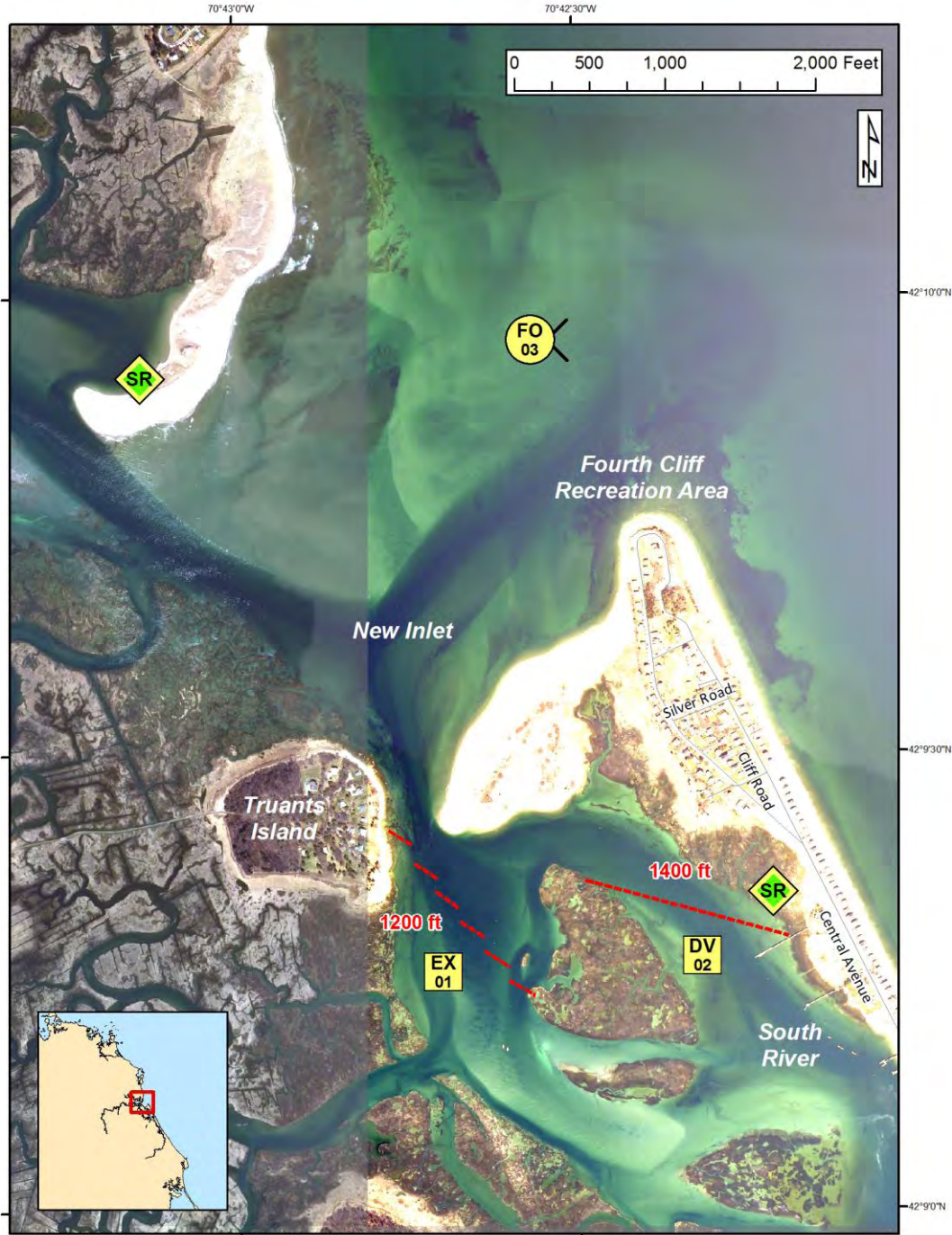




South Shore Geographic Response Plan

New Inlet SS-05



Map Legend			
BB Beach Berm	DF Deflection Booming	TG Tide Gate	
CB Culvert Block	EX Exclusion Booming	Boat Ramp	
DV Diversion Booming	Shoreside Recovery	Beach Berm Material	Protected-water Boom (Flood Tide)
PR Passive Recovery	Free-oil Recovery	GRP Trailer Locations	Snare or Sorbent Boom





A total of 3 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.





South Shore Geographic Response Plan

New Inlet SS-05




ID	Location and Description	Response Strategy	Implementation
SS-05-01 	Mouth of South River Lat. 42° 9'19.05"N Lon. 70°42'39.14"W	Exclusion Prevent oil from migrating into South River.	Deploy 1200ft of boom in a cascaded formation (six segments of 200ft) from the shore on Truants Island across the western part of South River towards the marsh. Deploy anchors on the end of each segment of boom and tend throughout the tidal cycle.
SS-05-02 	Mouth of South River Lat. 42° 9'28.31"N Lon. 70°42'43.63"W	Divert & Collect Divert oil entering the system through New Inlet to shoreside collection points to prevent oil from entering the South River.	Deploy a 1400ft single section of boom across the eastern part of South River. It should span the river from the marsh to the shore on Humarock. Shoreside recovery should be set up on the eastern shore of the river. Deploy anchors every 200ft and tend boom throughout tidal cycle.
SS-05-03 	New Inlet	Free-Oil Recovery Maximize free-oil recovery in the offshore & nearshore environment of New Inlet 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.
SS-05 	Northern side of New Inlet Lat. 42° 9'54.27"N Lon. 70°43'8.66"W	Shoreside Recovery Deploy shoreside recovery tactics in areas with shoreline access.	Set up shoreside recovery tactics on beaches. An ideal location for shoreside recovery would be along a road, where a Vac Truck would have easy access to the shore.





South Shore Geographic Response Plan

New Inlet SS-05


ID	Response Resources	Staging Area Site Access	Resources Protected	Special Considerations
<p>SS-05-01</p> <p></p>	<p>Deployment Equipment 1200 ft 18” boom 10 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)</p>	<p>Road access to Truants Island is low tide only, not a paved road.</p> <p>General directions to the site (these ramps are shown on SS-06 South River): From Rt 3A, turn onto Pleasant St. Take a right on Summer St and then left on Elm St, then left on Sea St.</p> <p>For the ramp on Webster St: Continue on Sea St and cross over South River. Take a left on Central Ave and then a left on Webster St.</p> <p>NOAA Chart 13267</p>	<p>Fish – Anadromous Fish, Finfish</p> <p>Invertebrates – Lobster, crab, shrimp</p> <p>Birds – Shorebirds, Seabirds</p> <p>Human Use – Marina</p> <p>Land Management – State Management Area</p> <p>Habitat - Beach, Marsh, Tidal Flats</p>	<p>Vessel master should have local knowledge.</p> <p>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.</p> <p>The current opening of New Inlet is very dynamic with a lot of shoaling and sand flats at low tide. Exposure to Massachusetts Bay makes sea state very rough here with breaking waves and standing waves common.</p> <p>Tested: not yet</p>
<p>SS-05-02</p> <p></p>	<p>Deployment Equipment 1400 ft 18” boom 6 anchor systems 4 anchor stakes 1 shoreside recovery system Vessels 2 skiffs Personnel/Shift 6-8 total (1 vessel operator + 1 responder per vessel, 4 shoreside responders) Tending Same as SS-05-01</p>	<p>Same as SS-05-01</p>	<p>Same as SS-05-01</p>	<p>Same as SS-05-01</p> <p>Moorings are in place year round and could function as anchor systems for booming strategies.</p> <p>There is a great deal of shellfishing that exists in South River.</p>
<p>SS-05-03</p> <p></p>	<p>Deploy multiple free-oil recovery strike teams as required to maximize interception of oil before it impacts sensitive areas.</p>	<p>Same as SS-05-01</p>	<p>Same as SS-05-01</p>	<p>Vessel master should have local knowledge. Free-oil recovery should only be attempted if conditions permit and by experienced responders.</p>





South Shore Geographic Response Plan

New Inlet SS-05

<p>SS-05</p> 	<p>Deployment <i>Equipment (Shoreside Recovery)</i> Vac Truck or shoreside recovery system</p>	<p>Accessing this tactic may be difficult as no roads go directly to the site. An ATV may be necessary to reach the location.</p>	<p>Same as SS-05-01</p>	<p>Same as SS-05-01</p>
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Site Photographs and Contact Information



Bouy outside of New Inlet looking toward Fourth Cliff.



View looking north towards EX-01 and DV-02



Boat Ramp located in SS-06 at Webster Street.



Fourth Cliff Recreation Area

Contacts:

Marshfield Conservation Commission: 781-834-5573
Marshfield Emergency Management Agency: 781-837-7100
Marshfield Fire Dept: 781-837-1315
Marshfield Harbormaster: 781-834-5541
Mass. Dept of Environmental Protection (24 Hours):
888-304-1133
North and South Rivers Watershed Association: 781-659-8168
Scituate Harbormaster: 781-545-2130
Scituate Fire Dept: 781-545-8749
Scituate Conservation Commission: 781-545-8721
U.S. Coast Guard (24 Hours): 617-223-5757

Mutual Aid is available from other communities within the Buzzard's Bay 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>

