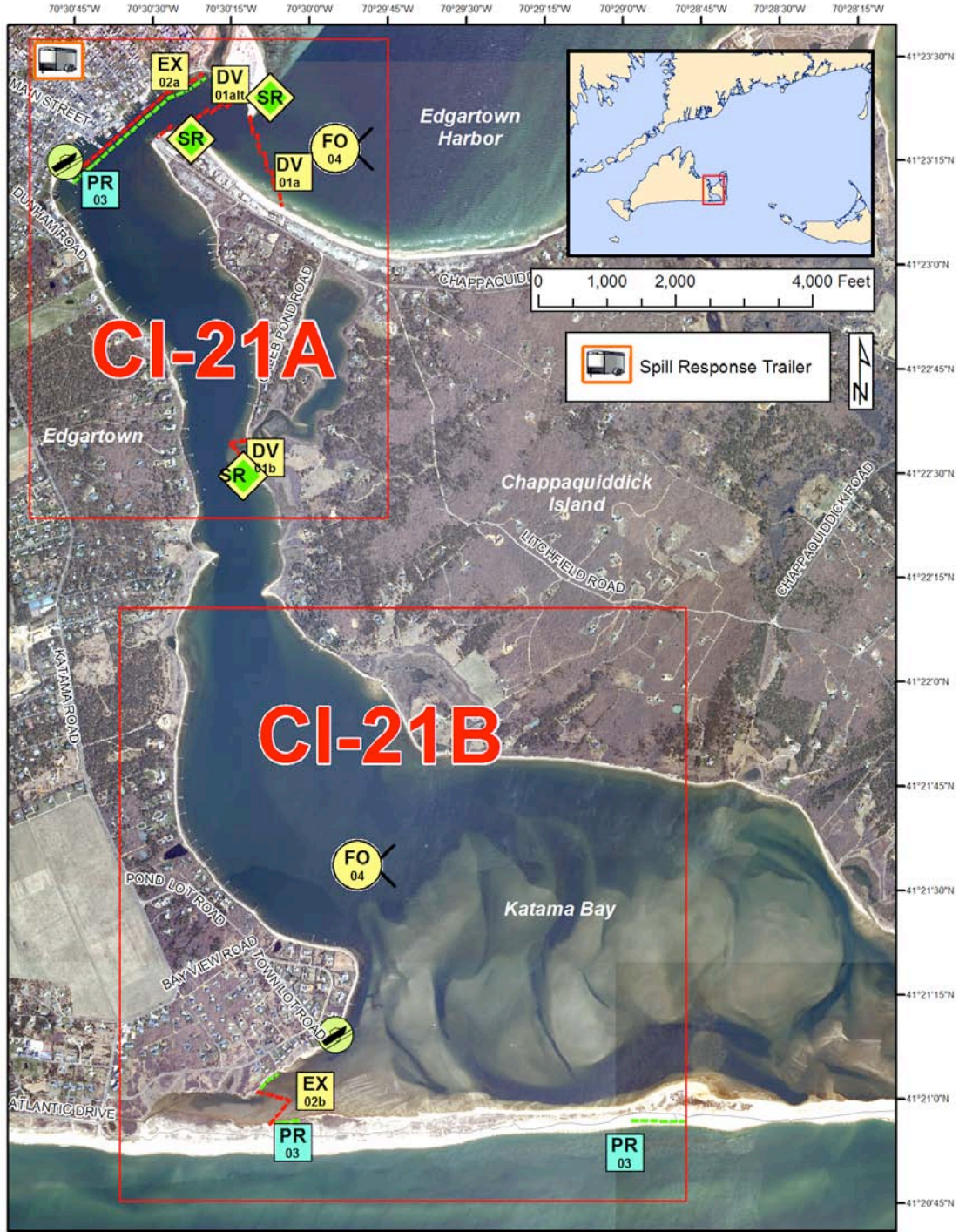




Cape and Islands Geographic Response Plan

Edgartown Harbor CI-21



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

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.





Cape and Islands Geographic Response Plan

Edgartown Harbor CI-21



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	Beach Berm Material	





Cape and Islands Geographic Response Plan

Edgartown Harbor CI-21







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









Cape and Islands Geographic Response Plan
Edgartown Harbor CI-21

ID	Location and Description	Response Strategy	Implementation
<p>CI-21-01</p> 	<p>Edgartown Harbor a. Lat. 41°23'25.2"N Lon. 70°30'10.8"W Alternate for a: Lat. 41°23'19.8"N Lon. 70°30'27.7"W b. Lat. 41°22'34.6"N Lon. 70°30'13.0"W</p>	<p>Divert and Collect-Shoreside During a flooding tide with oil entering the harbor, place the boom in a cascading pattern and divert oil to shoreside collection locations on the boat ramp and across the channel.</p>	<p>Deploy anchors and boom with skiffs. For (a) place 5x 300 ft. sections of 16 to 18" boom in cascading array at the proper angle to divert incoming oil to the collection site. If the array is not feasible due to sea state or other conditions, move the array to the (alt) position. For (b) place 600 ft. in a chevron pattern with an angle to divert oil to a shoreside collection site. Set up shoreside recovery and tend throughout the tide.</p>
<p>CI-21-02</p> 	<p>Edgartown Harbor/ Katama Bay a. Lat. 41°23'28.2"N Lon. 70°30'24.3"W Mattakeset Herring Creek b. Lat. 41°20'59.9"N Lon. 70°30'12.2"W</p>	<p>Exclusion Exclude oil from impacting the harbor area and intertidal areas in Katama Bay.</p>	<p>Deploy anchors and boom with skiffs. For (a) place 2500 ft. of boom along the outside of the harbor. Structures in the harbor may provide anchoring points for the boom. For (b) place 1000 ft. of boom in a chevron pattern to exclude incoming oil from the creek and intertidal area. Tend throughout the tide.</p>
<p>CI-21-03</p> 	<p>Edgartown Harbor Various locations</p>	<p>Passive Recovery Place passive recovery tactics to recover oil and prevent it from entering sensitive areas.</p>	<p>Along (EX-02a) place and secure the passive recovery boom in front of the exclusion boom to collect incoming oil. Beside (EX-02b) place the passive recovery at the base of each leg of the exclusion boom to collect any oil that may impact the beach. Along the South shore, place passive recovery boom in any area on the storm berm that may be breached and may allow oil to enter or exit the bay. This tactic may not need to be deployed. Replace as necessary to maximize the recovery.</p>
<p>CI-21-04</p> 	<p>Edgartown Harbor Nearshore waters in the general area of: Lat. 41°43'00.8"N Lon. 70°17'23.1"W</p>	<p>Free-oil Recovery Maximize free-oil recovery in the offshore & nearshore environment of Edgartown Harbor depending on spill location and trajectory. Ensure that responders have experience with on-water free-oil recovery.</p>	<p>Deploy free-oil recovery strike teams upwind and up current of the Edgartown Harbor. Use aerial surveillance to locate incoming slicks.</p>





Cape and Islands Geographic Response Plan
Edgartown Harbor CI-21

ID	Response Resources	Staging Area Site Access	Resources Protected	Special Considerations
CI-21-01 	Deployment Equipment 2100 ft. 16 to 18" boom 16 anchor systems 4 anchor stakes 2 shoreside recovery systems Vessels 3 skiffs Personnel/Shift 12 total (1 operator, 1 responder per vessel & 2 responders for each shoreside recovery site) Tending Vessels 2 skiffs Personnel/Shift 6 total(1 operator, 1 responder per vessel & 1 responders for shoreside recovery site)	Edgartown Harbor Boat Ramp. Road access is available on each shore. Chart 13238-1	Fish-shellfish, finfish Birds-waterfowl concentration Marine mammals-seals Habitat- marsh, sheltered tidal flats Human Use- Commercial boat harbor, aquaculture grants, high-use recreational area Threatened/Endangered species : Piping Plovers (April 1 – Aug 31)	Vessel master should have local knowledge. Use caution in sandy dunes during months when plovers are present. Nesting areas may include beaches, sandspits, foredunes, and washover areas in dunes. Consult with USFWS as early as possible regarding shoreline collection areas and access plans. Entire site surveyed: 11/02/07. Tested: not yet
CI-21-02 	Deployment Equipment 3500 ft. 16 to 18" boom 18 small anchor systems 4 anchor stakes Vessels/Personnel/Shift Same as CI-21-01 Tending Vessels/Personnel/Shift Same as CI-21-01	Same as CI-21-01	Same as CI-21-01	Access at high tide only - significant shoaling and sand bars during low tide. Vessel master should have local knowledge. Tested: not yet
CI-21-03 	Deployment Equipment 3500 ft. snare or sorbent boom 13 anchor stakes Vessels/Personnel/Shift Same as CI-21-01 Tending Vessels/Personnel/Shift Same as CI-21-01	Same as CI-21-01	Same as CI-21-01	Use snare boom for persistent oils and sorbent boom for non-persistent oils.
CI-21-04 	Deploy multiple free-oil recovery strike teams as required to maximize interception of oil before it impacts sensitive areas.	Same as CI-21-01	Same as CI-21-01	Vessel master should have local knowledge. Use extreme caution, shoal waters with rocks & continually shifting sand bars. Currents and winds are locally variable and can create dangerous operating environments.





Site Photographs and Contact Information



Clockwise (1) Edgartown Harbor looking northeast. (2) Edgartown Harbor looking northwest. (3) Edgartown Harbor looking southwest. (4) Katama Bay looking toward Caleb Pond looking northeast. (5) Katama Bay looking toward Edgartown Harbor looking northwest. (6) Edgartown Harbor looking northeast.



Contact Information:

Martha's Vineyard Comm. Ctr. 24-hr (508) 693-1212
Edgartown - Shellfish Warden(508) 627-9819
Edgartown-Fire Chief
(508) 627-5167 or 911
Edgartown-Harbormaster(508) 627 4746
Edgartown-Shellfish Dept(508) 627 6175
Martha's Vineyard Commission(508) 693-3453
Nantucket Soundkeeper(508) 775-9767
USFWS- (413) 539-3194

