

Tactics Legend

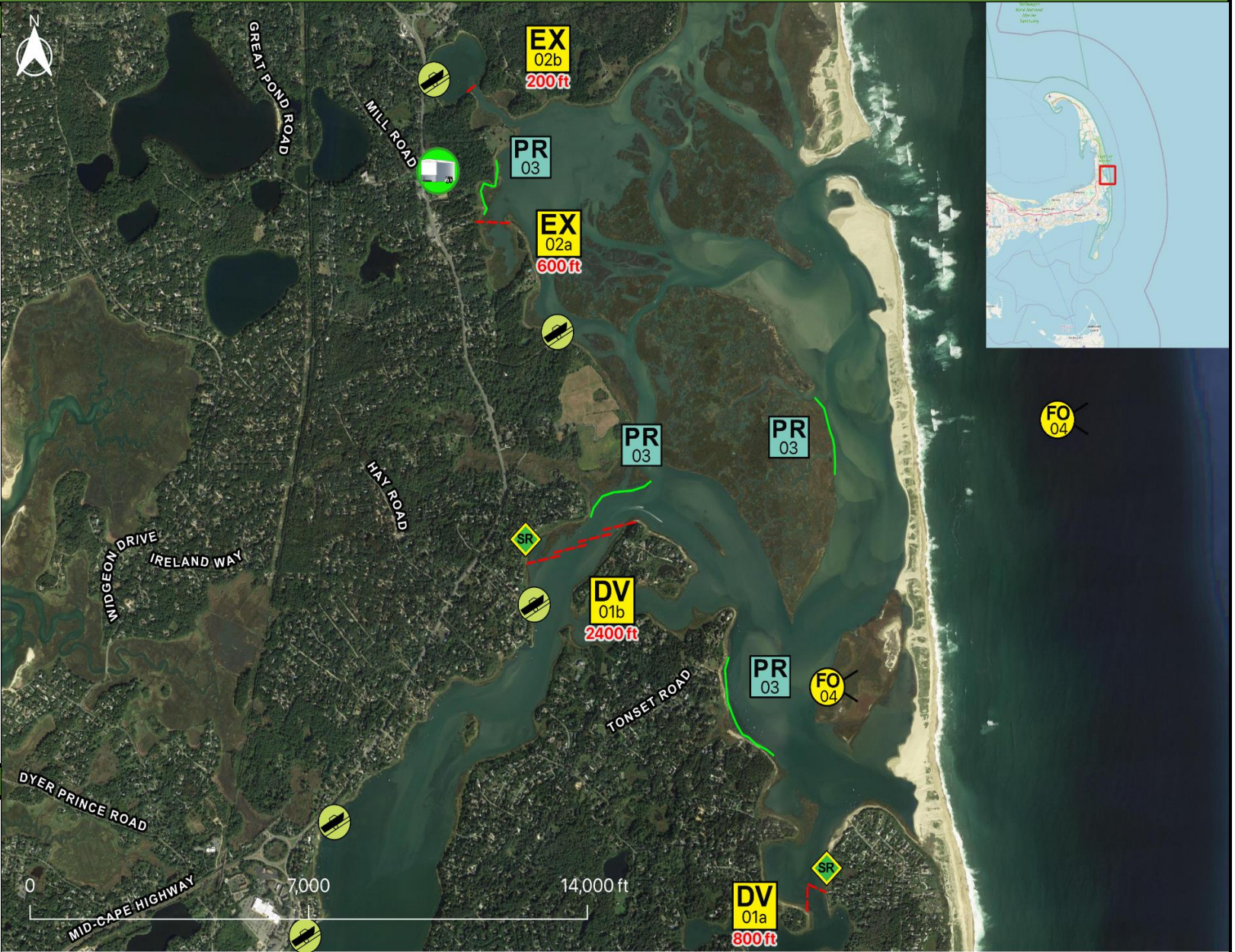
- DF** Deflection Booming
- DV** Diversion Booming
- EX** Exclusion Booming
- FO** Free Oil Recovery
- PR** Passive Recovery
- SR** Shoreside Recovery
- S** Staging Area
-  Boat Ramp
- BB** Beach Berm
- TG** Tide Gate
-  Protected-Water Boom
-  Open-Water Boom
-  Snare/ Sorbent Boom

Equipment - All Tactics

Boom(ft)	4000
Marine anchors	20
Shore anchors	8
Sorbent Boom(ft)	6000
FO Recovery Sys	2
Shore Responders	2
Boat Responders	6
Boats	2

Version

10/13/2022



Response Trailer, Tactics Deployment, and Responder Safety Information












A total of 4 state response trailers are required to implement all the tactics in this GRS. 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.

Location

Latitude: 41°49'1" N  
 Longitude: 69°56'46" W  
 NOAA Chart # 13246-1

**Geographic Response Strategy**

**Nauset CI09**

Tactic #	Purpose	Response Equipment	Deployment Resources	Deployment Notes
<b>DV-01a</b> 	Redirect spilled oil from one location or direction of travel to a specific site for recovery.	800 ft protected water boom 4 marine anchor system 4 shoreline anchor system	2 shore responders 1 response boats 3 boat responders	Tend through tidal changes. Deploy boom as depicted to divert incoming oil to the collection site. Anchor every 200-300'. Adjust angle as necessary to reduce entrainment. Set up shoreside recovery and tend throughout tide. Deploy shoreside anchor first.
			<b>Testing Date</b>	
<b>DV-01b</b> 	Redirect spilled oil from one location or direction of travel to a specific site for recovery.	2400 ft protected water boom 12 marine anchor system 4 shoreline anchor system	2 shore responders 2 response boats 6 boat responders	Tend through tidal changes. Deploy boom as depicted to divert incoming oil to the collection site. Anchor every 200-300'. Adjust angle as necessary to reduce entrainment. Set up shoreside recovery and tend throughout tide. Deploy shoreside anchor first.
		4/5/2019	<b>Testing Date</b>	
<b>EX-02a</b> 	Prohibit oil slicks from entering a sensitive area	600 ft protected water boom 3 marine anchor system 4 shoreline anchor system	2 shore responders 1 response boats 3 boat responders	Tend through tidal changes. Deploy boom as depicted to exclude oil from sensitive areas. Anchor every 200-300'. Not tide dependent. Deploy shoreside anchor first.
			<b>Testing Date</b>	
<b>EX-02b</b> 	Prohibit oil slicks from entering a sensitive area	200 ft protected water boom 1 marine anchor system 4 shoreline anchor system	2 shore responders 1 response boats 3 boat responders	Tend through tidal changes. Deploy boom as depicted to exclude oil from sensitive areas. Anchor every 200-300'. Not tide dependent. Deploy shoreside anchor first.
			<b>Testing Date</b>	
<b>PR-03</b> 	Remove spilled oil by collecting it in a sorbent material	2000 ft sorbent boom 2000 ft sorbent pom-poms 57 anchor stakes	2 shore responders	Place and stake snare or sorbent boom in areas that are likely to pool and collect oil and across the mouths of the streams and intertidal areas. Use snare boom for persistent oils and sorbent boom for non-persistent oils. Approach the streams and intertidal areas on rising tide. Replace as necessary to maximize oil recovery.
		N/A	<b>Testing Date</b>	
<b>PR-03</b> 	Remove spilled oil by collecting it in a sorbent material	1400 ft sorbent boom 1400 ft sorbent pom-poms 40 anchor stakes	2 shore responders	Place and stake snare or sorbent boom in areas that are likely to pool and collect oil and across the mouths of the streams and intertidal areas. Use snare boom for persistent oils and sorbent boom for non-persistent oils. Approach the streams and intertidal areas on rising tide. Replace as necessary to maximize oil recovery.
		N/A	<b>Testing Date</b>	
<b>PR-03</b> 	Remove spilled oil by collecting it in a sorbent material	1200 ft sorbent boom 1200 ft sorbent pom-poms 34 anchor stakes	2 shore responders	Place and stake snare or sorbent boom in areas that are likely to pool and collect oil and across the mouths of the streams and intertidal areas. Use snare boom for persistent oils and sorbent boom for non-persistent oils. Approach the streams and intertidal areas on rising tide. Replace as necessary to maximize oil recovery.
		N/A	<b>Testing Date</b>	
<b>PR-03</b> 	Remove spilled oil by collecting it in a sorbent material	1400 ft sorbent boom 1400 ft sorbent pom-poms 40 anchor stakes	2 shore responders	Place and stake snare or sorbent boom in areas that are likely to pool and collect oil and across the mouths of the streams and intertidal areas. Use snare boom for persistent oils and sorbent boom for non-persistent oils. Approach the streams and intertidal areas on rising tide. Replace as necessary to maximize oil recovery.
		N/A	<b>Testing Date</b>	
<b>FO-04</b> 	Contain and recover spilled oil on the water in the offshore & nearshore environment	1 or more onwater skimming systems		Deploy on-water recovery task force(s) in configuration suitable for types of vessels used and sea conditions, with skimming system(s) and temporary storage for recovered oil and water. Location not exact, will move to chase oil.
		N/A	<b>Testing Date</b>	
<b>FO-04</b> 	Contain and recover spilled oil on the water in the offshore & nearshore environment	1 or more onwater skimming systems		Deploy on-water recovery task force(s) in configuration suitable for types of vessels used and sea conditions, with skimming system(s) and temporary storage for recovered oil and water. Location not exact, will move to chase oil.
		N/A	<b>Testing Date</b>	
<b>SR-05</b> 	Remove spilled oil that has been diverted to a designated recovery site accessible from shore	2 skimming system 2 storage tank or bladder 2 hoses, pumps, fittings	2 shore responders	Set up shoreside recovery tactic at general location depicted on map. Some access points located at private residences. Access may be difficult.
		N/A	<b>Testing Date</b>	

Local contacts

Eastham-Harbormaster	<a href="tel:5082405972">(508) 240-5972</a>
Eastham-Fire	<a href="tel:5082552324">(508) 255-2324</a>
Eastham-Natural Resources	<a href="tel:5082405972">(508) 240-5972</a>
Orleans-Fire	<a href="tel:5082550050">(508) 255-0050</a>
Orleans-Shellfish & Harbormaster	<a href="tel:5082403755">(508) 240 3755</a>
NPS/Cape Cod Nat'l Seashore	<a href="tel:6172425659">(617) 242-5659 (24/7)</a>
USFWS	<a href="tel:4135393194">(413) 539-3194</a>



Town Cove entrance looking east. Site of DV-01b at top middle

Resources Protected

Marine Mammals	Seals
Fish	Shellfish, finfish
Invertebrates	<b>None identified</b>
Birds	Waterfowl concentration
Threat/End. Species	Piping Plovers (April 1 - August 31), Roseate Terns (foraging mid-July thru Sept 30)
Cultural	<b>None identified</b>
Subsistence	<b>None identified</b>
Human Use	Commercial boat harbor, aquaculture, high-use recreation area
Commercial Fishing	<b>None identified</b>
Land Management	CCNS
Coastal Habitat	Marsh, sheltered tidal flats, barrier beach



Mill Pond (site of DV-01a) looking west

Special Considerations & Navigational Hazards

Federal & State listed threatened wildlife may be present particularly from March-August limiting site access especially near Long Point & along Cape Cod Bay beaches. Coordinate w/ CCNS USFWS & the Mass. Natural Heritage & Endangered Species Program. Use caution in sandy dunes during months when plovers are present. Nesting areas may include beaches, sand spits, foredunes, & washover areas in dunes. Consult w/ USFWS ASAP regarding shoreline collection areas & access plans. Use caution operating in nearshore areas when Roseate Terns are foraging. Vessel operators