

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)	0
Marine anchors	0
Shore anchors	0
Sorbent Boom(ft)	0
FO Recovery Sys	1
Shore Responders	2
Boat Responders	2
Boats	2

**Version**  
2/15/2023

Response Trailer, Tactics Deployment, and Responder Safety Information





A total of 1 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:** 42°32'48" N  
**Longitude:** 70°51'27" W  
**NOAA Chart #** 13275

**Geographic Response Strategy**

**Beverly Shoreline NS22A**

Tactic #	Purpose	Response Equipment	Deployment Resources	Deployment Notes
<b>BB-01</b> 	Exclude spilled oil from impacting sensitive areas by constructing a barrier from natural materials	Build a beach berm. Use local beach & inter-tidal bar sediments. Don't destroy any part of foredune. If berm is expected to remain in place for more than a few days, place one or more 20' x 12" pipe in the channel & build berm on top of pipe. Use culvert plugs to control water flow through the pipe. Permitting may be required. <b>N/A</b> <b>Testing Date</b>	<b>Tested</b>	Construction of beach berms typically require the use of heavy equipment and should only be attempted by professional responders. Beach berms should not be constructed without explicit direction from the UC. Permits for earth-moving to construct beach berms are required from state and federal agencies (MADEP, Army Corp. of Eng) and concurrence from Natural Resource Trustee Agencies may also be required.
<b>FO-02</b> 	Contain and recover spilled oil on the water in the offshore & nearshore environment	1 or more onwater skimming systems <b>N/A</b> <b>Testing Date</b>	<b>Tested</b>	
<b>CB-03</b> 	Prevent oil that has entered drainage systems from impacting waterways and sensitive areas	1 inflatable plug, sand bag, or plywood <b>N/A</b> <b>Testing Date</b>	2 shore responders <b>Tested</b>	At low tide deploy appropriate size inflatable culvert plug in the culvert. Monitor to ensure blocking integrity. Without culvert plug, place plywood or similar sheeting material across the culvert. Use plastic sheeting to ensure the seal. Stack sandbags against plywood to counter outflow pressure.
<b>SR-04</b> 	Remove spilled oil that has been diverted to a designated recovery site accessible from shore	3 skimming system 3 storage tank or bladder 3 hoses, pumps, fittings <b>N/A</b> <b>Testing Date</b>	2 shore responders <b>Tested</b>	Set up shoreside recovery tactic at general location depicted on map. Some access points located at private residences. Access may be difficult.

**Local contacts**

Beverly Fire Department	<a href="tel:978-922-2424">978-922-2424</a>
Beverly Harbormaster	<a href="tel:978-921-6059">978-921-6059</a>
Beverly DPW	<a href="tel:978-921-6053">978-921-6053</a>
Salem Sound Coastwatch	<a href="tel:978-741-7900">978-741-7900</a>
U.S.C.G. Station Gloucester	<a href="tel:978-283-0705">978-283-0705</a>
Mass Division of Marine Fisheries	<a href="tel:617-626-1520">617-626-1520</a>
Environmental Police	<a href="tel:800-632-8075">800-632-8075</a>



*Beverly Cove (14 April 2009 photo)*

**Resources Protected**

Marine Mammals	None identified
Fish	None identified
Invertebrates	Shellfish, Urchins
Birds	Seabirds
Threat/End. Species	None identified
Cultural	None identified
Subsistence	None identified
Human Use	Beach
Commercial Fishing	None identified
Land Management	None identified
Coastal Habitat	Marsh



*Plum Cove culvert (CB-3b) at mid-tide looking north (02 June 2009 photo)*

**Special Considerations & Navigational Hazards**

Vessel operators should have local knowledge.

**Tactics Legend**

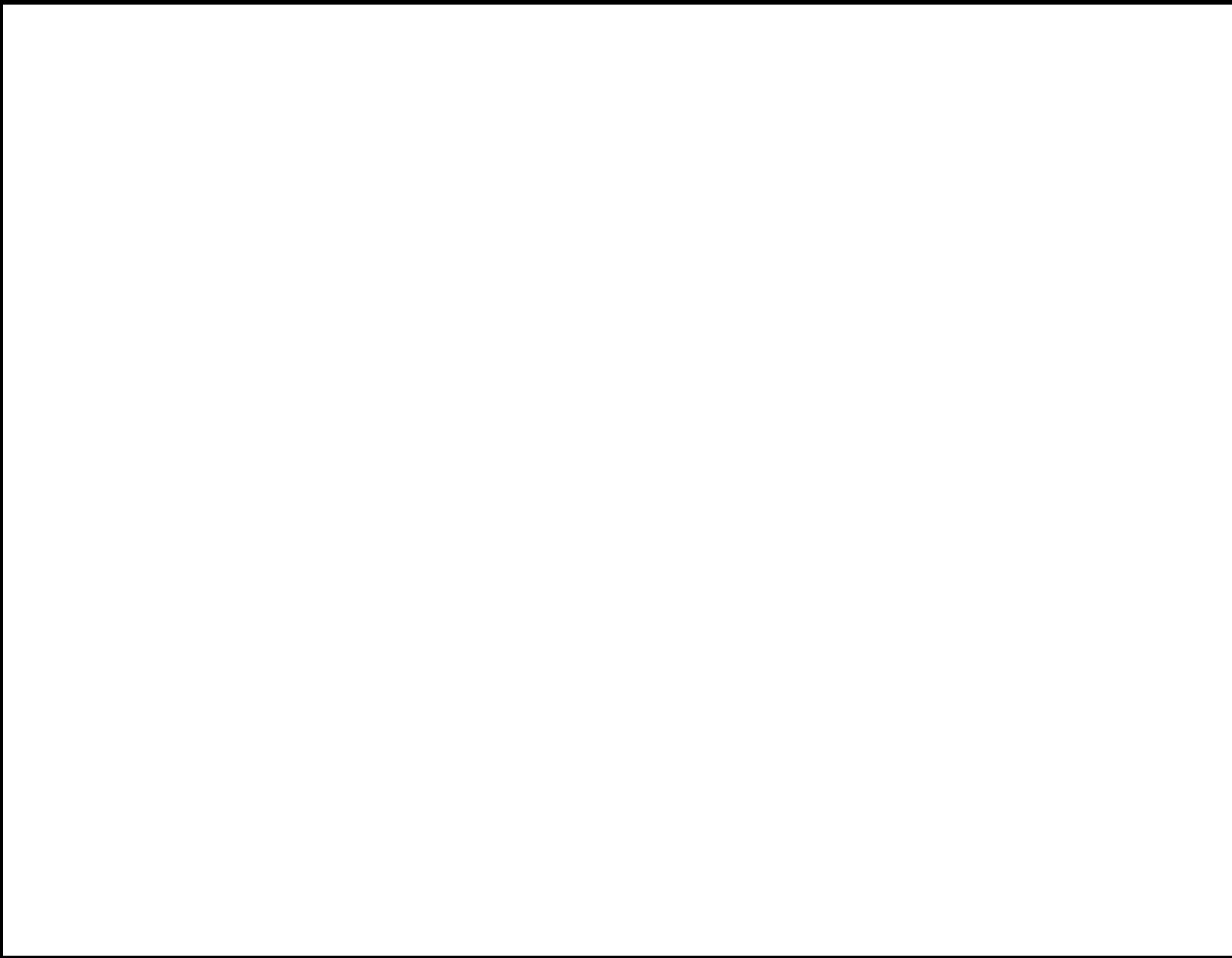
-  **DF** Deflection Booming
-  **DV** Diversion Booming
-  **EX** Exclusion Booming
-  **FO** Free Oil Recovery
-  **PR** Passive Recovery
-  **SR** Shoreside Recovery
-  **S** Staging Area
-  Boat Ramp
-  **BB** Beach Berm
-  **TG** Tide Gate
-  Protected-Water Boom
-  Open-Water Boom
-  Snare/ Sorbent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

**Equipment - All Tactics**

Boom(ft)	0
Marine anchors	0
Shore anchors	0
Sorbent Boom(ft)	0
FO Recovery Sys	0

Shore Responders	2
Boat Responders	2
Boats	2

<b>Version</b>	
2/15/2023	



**Response Trailer, Tactics Deployment, and Responder Safety Information**

**Location**


A total of **1** 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.

**Latitude:**  
**Longitude:**  
**NOAA Chart #** 13275



**Geographic Response Strategy**

**Beverly Shoreline NS22B**

Tactic #	Purpose	Response Equipment		Deployment Resources	Deployment Notes
<p><b>CB-01</b></p> 	<p>Prevent oil that has entered drainage systems from impacting waterways and sensitive areas</p>	<p>1 inflatable plug, sand bag, or plywood</p>		<p>2 shore responders</p>	<p>At low tide deploy appropriate size inflatable culvert plug in the culvert. Monitor to ensure blocking integrity. Without culvert plug, place plywood or similar sheeting material across the culvert. Use plastic sheeting to ensure the seal. Stack sandbags against plywood to counter outflow pressure.</p>
<p>N/A</p>		<p>Testing Date</p>	<p>Tested</p>		

**Local contacts**

Beverly Fire Department	<a href="tel:978-922-2424">978-922-2424</a>
Beverly Harbormaster	<a href="tel:978-921-6059">978-921-6059</a>
Beverly DPW	<a href="tel:978-921-6053">978-921-6053</a>
Salem Sound Coastwatch	<a href="tel:978-741-7900">978-741-7900</a>
U.S.C.G. Station Gloucester	<a href="tel:978-283-0705">978-283-0705</a>
Mass Division of Marine Fisheries	<a href="tel:617-626-1520">617-626-1520</a>
Environmental Police	<a href="tel:800-632-8075">800-632-8075</a>



*Beverly Cove (14 April 2009 photo)*

**Resources Protected**

Marine Mammals	None identified
Fish	None identified
Invertebrates	Shellfish, Urchins
Birds	Seabirds
Threat/End. Species	None identified
Cultural	None identified
Subsistence	None identified
Human Use	Beach
Commercial Fishing	None identified
Land Management	None identified
Coastal Habitat	Marsh



*Plum Cove culvert (CB-3b) at mid-tide looking north (02 June 2009 photo)*

**Special Considerations & Navigational Hazards**

Vessel operators should have local knowledge.