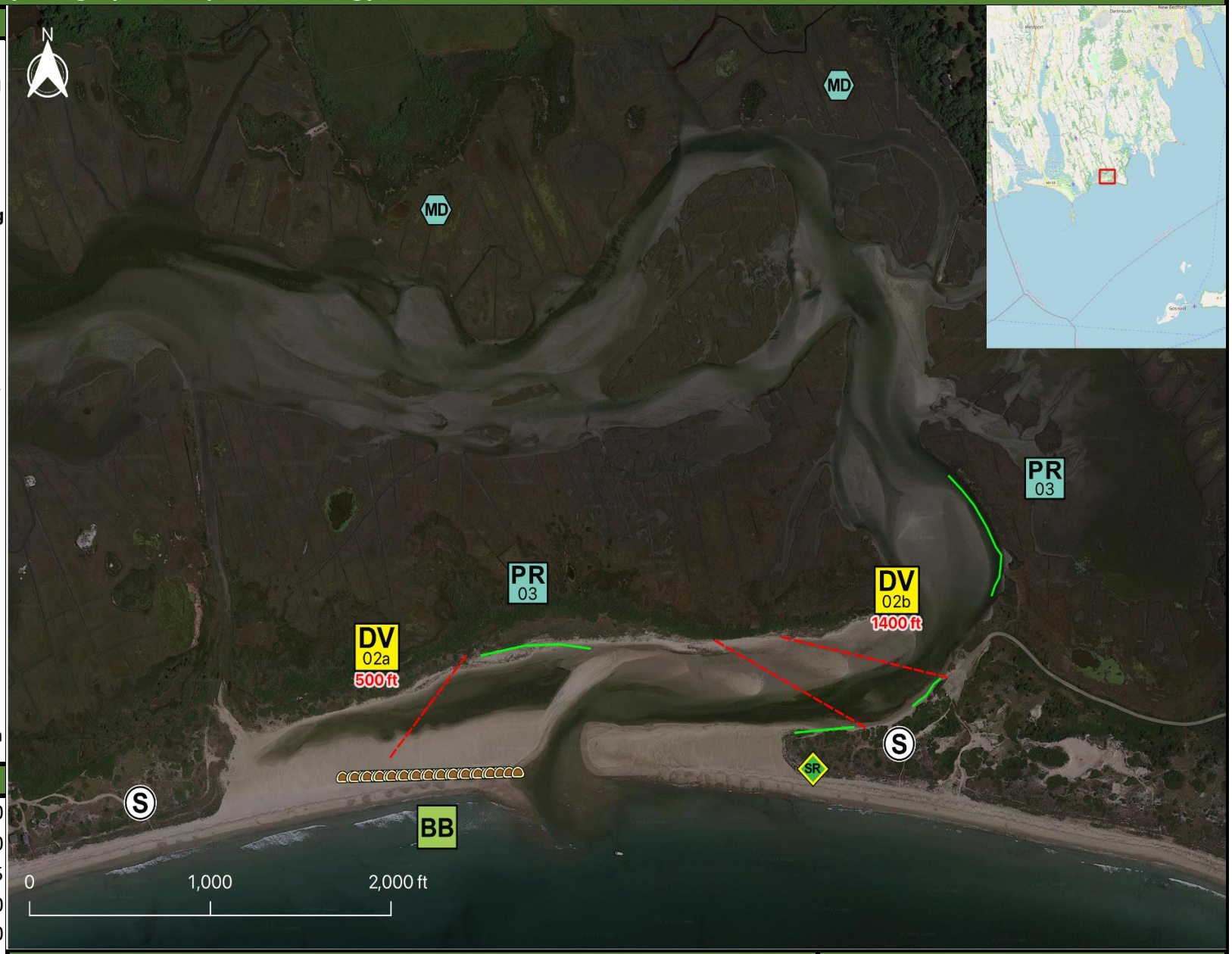
MassDEP Buzzards Bay Geographic Response Strategy

Allens Pond BB03

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)	1900
Marine anchors	10
Shore anchors	5
Sorbent Boom(ft)	1300
FO Recovery Sys	0
Shore Responders	2
Boat Responders	6
Boats	2

Version

2/15/2023

Response Trailer, Tactics Deployment, and Responder Safety Information

A total of **2** 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°30’48” N
Longitude:	71°0’8” W
NOAA Chart #	13229

Geographic Response Strategy					Allens Pond BB03
Tactic #	**Purpose**	**Response Equipment**		**Deployment Resources**	**Deployment Notes**
BB-01 BB	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.			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.
		N/A	**Testing Date**	**Tested**	
DV-02a DV	Redirect spilled oil from one location or direction of travel to a specific site for recovery.	500	ft protected water boom	2 shore 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.
		3	marine anchor system	1 response boats	
		1	shoreline anchor system	3 boat responders	
			Testing Date	N **Tested**	
DV-02b DV	Redirect spilled oil from one location or direction of travel to a specific site for recovery.	1400	ft protected water boom	2 shore 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.
		7	marine anchor system	2 response boats	
		4	shoreline anchor system	6 boat responders	
			Testing Date	N **Tested**	
PR-03 PR	Remove spilled oil by collecting it in a sorbent material	800	ft sorbent boom	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.
		800	ft sorbent pom-poms		
		23	anchor stakes		
		N/A	**Testing Date**	**Tested**	
PR-03 PR	Remove spilled oil by collecting it in a sorbent material	500	ft sorbent boom	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.
		500	ft sorbent pom-poms		
		14	anchor stakes		
		N/A	**Testing Date**	**Tested**	
SR-04 SR	Remove spilled oil that has been diverted to a designated recovery site accessible from shore	1	skimming system	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.
		1	storage tank or bladder		
		1	hoses, pumps, fittings		
		N/A	**Testing Date**	**Tested**	

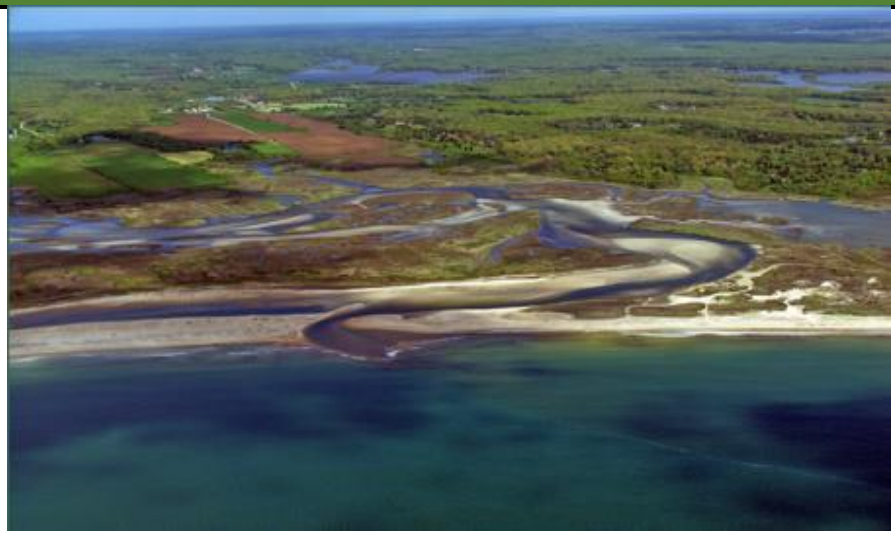
Geographic Response Strategy — Allens Pond BB03

Local contacts

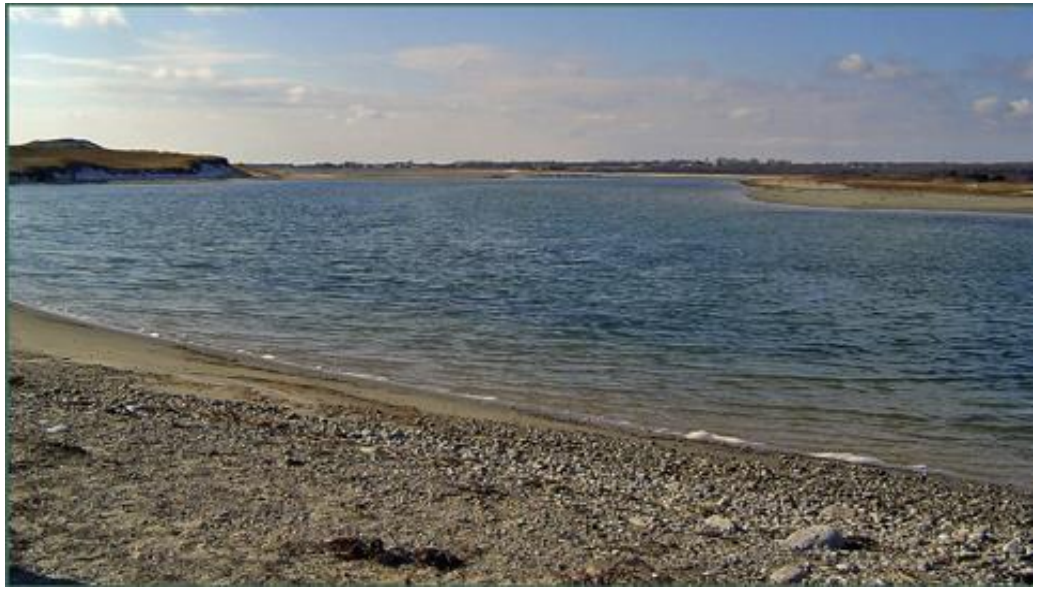
Environmental Affairs Coordinator	(508) 910-1822
Harbor Master	(508) 999-0759
Horseneck Beach State Reservation (MA DEM)	(508) 636-8816
Massachusetts Department of Fish and Wildlife	(508) 792-7270
Massachusetts Audubon (Westport MA)	(508) 636-2497
The Coalition for Buzzards Bay	(508) 999-6363

Resources Protected

Marine Mammals	**None identified**
Fish	Shellfish, finfish
Invertebrates	**None identified**
Birds	Waterfowl concentration (Audubon Wildlife Sanctuary), Piping Plover (state/federally threatened)
Threat/End. Species	**None identified**
Cultural	**None identified**
Subsistence	**None identified**
Human Use	Recreational Beaches
Commercial Fishing	**None identified**
Land Management	**None identified**
Coastal Habitiat	Barrier beach inlet to coastal pond



Site of DV-02a and DV-02b, Allens Pond entrance looking east at low tide on 29 May 2004. (RPI photo.)



Allens Pond entrance looking west at low tide on 15 January 2008.

Special Considerations & Navigational Hazards

Inlet migrates to the west and must be periodically reopened; tactics/configurations may need to be modified. Currents may be strong during spring tides. Site should be surveyed annually