

South Shore Geographic Response Plan – Site Survey for Ellisville Harbor  
Thursday, July 7<sup>th</sup>, 2011

Attendees:

Les Perry – Department of Conservation & Recreation  
Bob Murphy - MaDEP  
Sean Baker - USCG  
Sanne Schneider – Nuka Research & Planning Group  
Caleb Queen – Nuka Research & Planning Group

Vessel:

This site survey was conducted from the shore.

Weather:

Clear, winds around 4kts from the South.

Tactics:

**SS-20**

Deflection Booming

Deploy approximately 500ft of boom in a southwesterly from the shore on the northern entrance to Ellisville Harbor. This would deflect incoming oil from entering the harbor and moving into the vast marsh system. It may be possible to deflect the oil to a possible shoreside recovery area located on the beach on the southern side of the entrance to the harbor. This tactic would only be effective if the incoming oil were approaching from the east or northeast. In the event that the oil were approaching from the south or southwest, the deflection tactic should be set up on the southern entrance to the harbor to deflect oil back out to sea.

Culvert Block

There is a culvert located along Ellisville Road. In the event of an unusually high tide or storm surge, a culvert block (made from plywood and plastic sheeting) should be put in place to prevent oil from migrating further up the small stream.

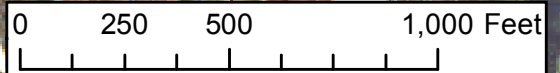
Other Considerations:

- The SE Mass Land Trust owns part of the land in Ellisville Harbor and should be added to the contact list in the GRP.
- From mid-October to mid-May, areas around Ellisville Harbor are designated as seal haulout areas.
- There is good site access at the end of Salt Marsh Lane. There is a gate located at the end of the road and must be opened by the SE Mass Land Trust. It would be difficult to haul boom from the beach, but this may be possible at high tide.

- Least Terns, Common Terns and Piping Plovers nest on the beaches around Ellisville Harbor from April to August.
- At low tide, the outflow from the harbor is reduced to a small stream. The tidal range in the harbor and at the entrance to the harbor is significant.

70°32'30"W

70°32'0"W



**CB  
02**

*Ellisville Harbor  
State Park*

**DF  
01**

**400 ft**

**SR**

41°50'30"N

