Mount Hope Bay Geographic Response Plan-Site Survey
Cole and Lee Rivers
Tuesday, July 24, 2012
Sites 1-5

Attendees:
Mike Popovich (Nuka)
Chris McDonnell (Nuka)
Andy Jones (MaDEP)
Colleen Brown (Swansea ConCom)
Dave Janik (MaCZM)
Dan Lowney (Swansea PD)
John DuPonte (Moran Environmental)

Vessel:
Boat owned and operated by Swansea Police Department

Weather: Sunny, Clear. Visibility: 6 miles Temperature: 80 Humidity: 79

Tactics:
Site MHB-01 Cedar Cove

This area is home to numerous fish and shellfish species as well as sensitive marshlands. The Swansea boat ramp and marina are on site.

DV-01
Deploy chevron facing southward across opening. Tactic should prevent oil from migrating north into Cole River. Shore side recovery should be set up along public beach and boat ramp area.

EX-01
Deploy boom along entrance to cove. This area has been identified as home to a Tern colony as well as American eels.

EX-02
Deploy boom across inlet. The area has been identified as endangered habitat. A six foot drainage culvert is located in the northern end of the inlet.

Site MHB-02 Shady Isle

The goal at this site is to protect human assets and residential areas. An additional objective is to prevent drainage from the culvert in the area from spreading out into the larger water body (in the event of a land based spill). Shady Isle is located just north of Cedar Cove on the Southeast end of Cole River.

EX-01
Deploy boom between southern shore and southwest corner of island.

EX-02
Deploy boom between northern shore and northwest corner of island.

Site MHB-03 Cole River

Cole River hosts a variety of shellfish species as well as marshlands and tidal flats.

DV-01
Deploy chevrons on either side of the bridge. Culverts from the roadways come out on the northern side of the bridge to the left and right of channel.

DV-02
Deploy chevrons on either side of I-95 bridges. Culverts located underneath bridges on either side. Shore side recovery can be set up along rock wall underneath and around bridges. Tactic should prevent oil from migrating up river into Cole River Pond, Milford Pond, and Mt. Hope Pond.

EX-01
Extend boom across inlet. Area has been identified as nesting grounds for various birds.

Site MHB-04 Lee River

Lee River is home to both bird and shellfish populations and mainly consists of tidal flats and man-made structures.

DV-01
Deploy chevrons on either side of Route 103 bridge. Drainage culvert from Shell Gas Station located on northeast end of bridge. Shore side recovery should be set up along east bank between Route 103 and I-95 bridges.

DV-02
Deploy chevrons on either side of I-95 bridge. Existing anchor points can be found on southern side of bridge. Shore side recovery can be set up underneath bridges.

EX-01
Extend boom across the 20-25’ opening underneath Route 6 bridge. This should prevent oil from impacting the marsh to the north. A Hess gas station is located the northeast of the bridge.

Site MHB-05 Fox Hill Cove

Fox Hill Cove hosts sensitive marshlands, tidal flats, and an extensive fish and shellfish population.

DV-01
Deploy chevron to the south of opening. Shore side recovery should be set up along the beach which may act as a natural collection area.

EX-01
Deploy boom across opening to cove. The entire cove has been labeled as sensitive.