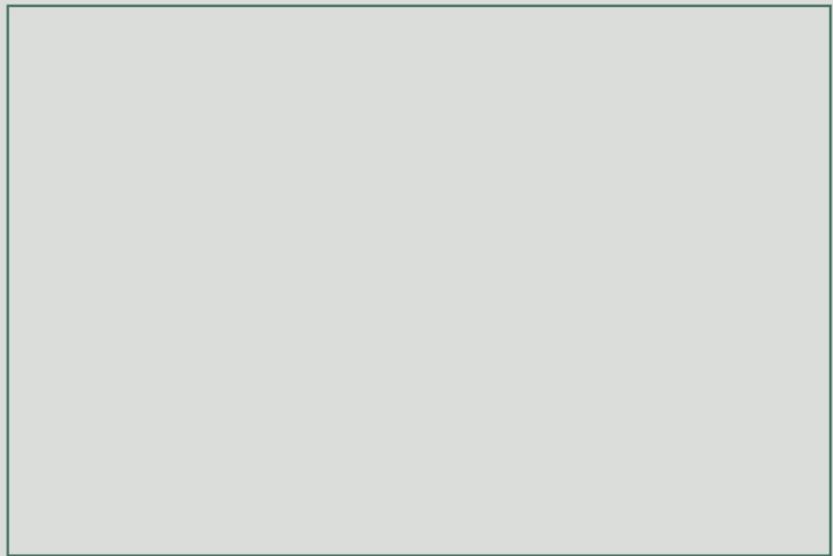
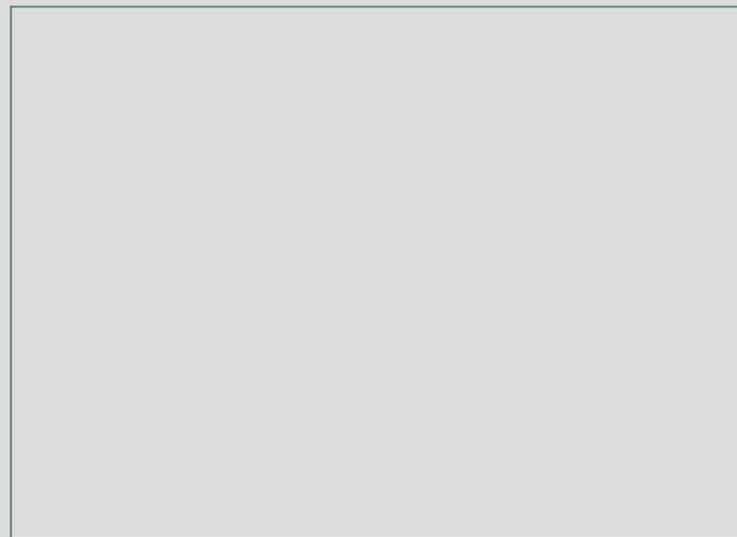


Map
& Photo

Legend

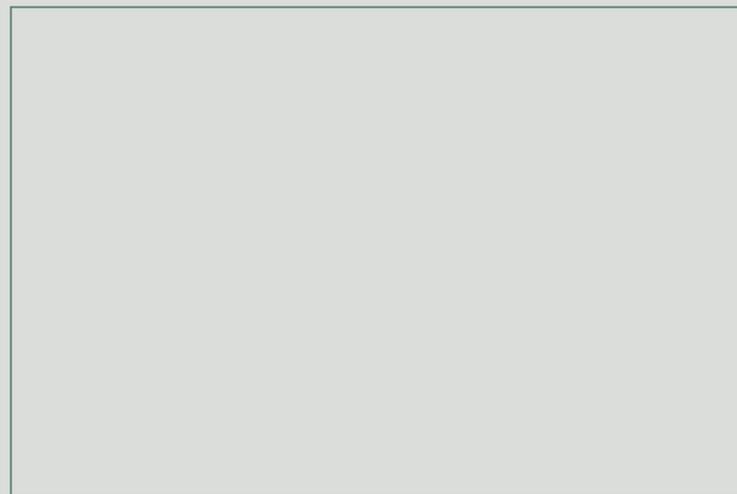


caption.



caption.

-  Free-oil Recovery
-  Exclusion Booming
-  Protected-water Boom

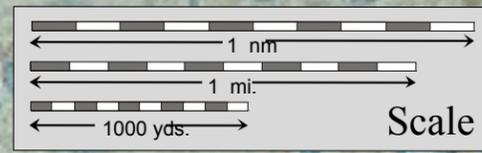


caption.

Geographic Response Strategies for Northwest Arctic Subarea, St. Lawrence IS Zone

Maknik Lagoon & Maknek River, NWA-SL01

Center of map at 63° 07.47' N Lat., 169° 25.20' W Lon.



This is not intended for navigational use.

ID	Location and Description	Response Strategy	Implementation	Response Resources	Staging Area	Site Access	Resources Protected (months)	Special Considerations
SL-01-01 	Manik Lagoon & Manek River Nearshore waters in the general area of: Lat 63° 08.22 'N Lon. 169°22.06'W	Free-oil Recovery Maximize free-oil recovery in the offshore & nearshore environment of Manik Lagoon depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of Manik Lagoon . Use aerial surveillance to locate incoming slicks.	Deploy multiple free-oil recovery strike teams as required to maximize interception of oil before it impacts sensitive areas.	Savoonga	Via marine waters Chart 16006	Same as SL-01-02	Vessel master should have local knowledge. Use extreme caution, shoal waters with numerous shifting sand bars and rocks.
SL-01-02 	Manik Lagoon & Manek River a. Lat. 63° 08.92 N Lon. 169°22.80 W b. Lat. 63° 07.86 'N Lon. 169° 23.92'W	Exclusion Exclude oil from impacting Manik Lagoon & Manek River.	Deploy anchors and boom with skiffs (class 6). The entrance of the lagoon and river are not navigable. Exclude the entrance to the Manik Lagoon with 650 ft. of protected-water boom. Exclude the entrance to the Manek River with 500 ft. of protected-water boom. For each site place the boom in a chevron pattern extending into the ocean. If this strategy is unable to hold, deploy the alternative deployment inside the entrance. Back the boom up the channel until the array can hold. Tend throughout the tide.	Deployment Equipment 1150 ft. protected-water boom 6 ea. small anchor systems 8 ea. anchor stakes Vessels 1 ea. class 3 1 ea. class 6 Personnel/Shift 5 ea. vessel crew Tending Vessels 1 ea. class 3 1 ea. class 6 Personnel/Shift 3 ea. vessel crew	Vessel Platform	Via marine waters Chart 16006	Fish-White Fish, Rainbow Smelt, Saffron Cod Birds-shorebird concentration, seabird nesting, waterfowl concentrations Marine mammals- Polar Bears Habitat- Low lying tundra, marsh, gravel beaches, sheltered tidal flats Human use: subsistence	Vessel master should have local knowledge. Survey: not yet. Tested: not yet

NOTE: Sensitive resource information can be found on other maps which can be accessed through the sensitive area section of the NWA Sub-Area Contingency Plan: http://dec.alaska.gov/spar/perp/plans/scp_nwa.htm.