

**Map Legend**

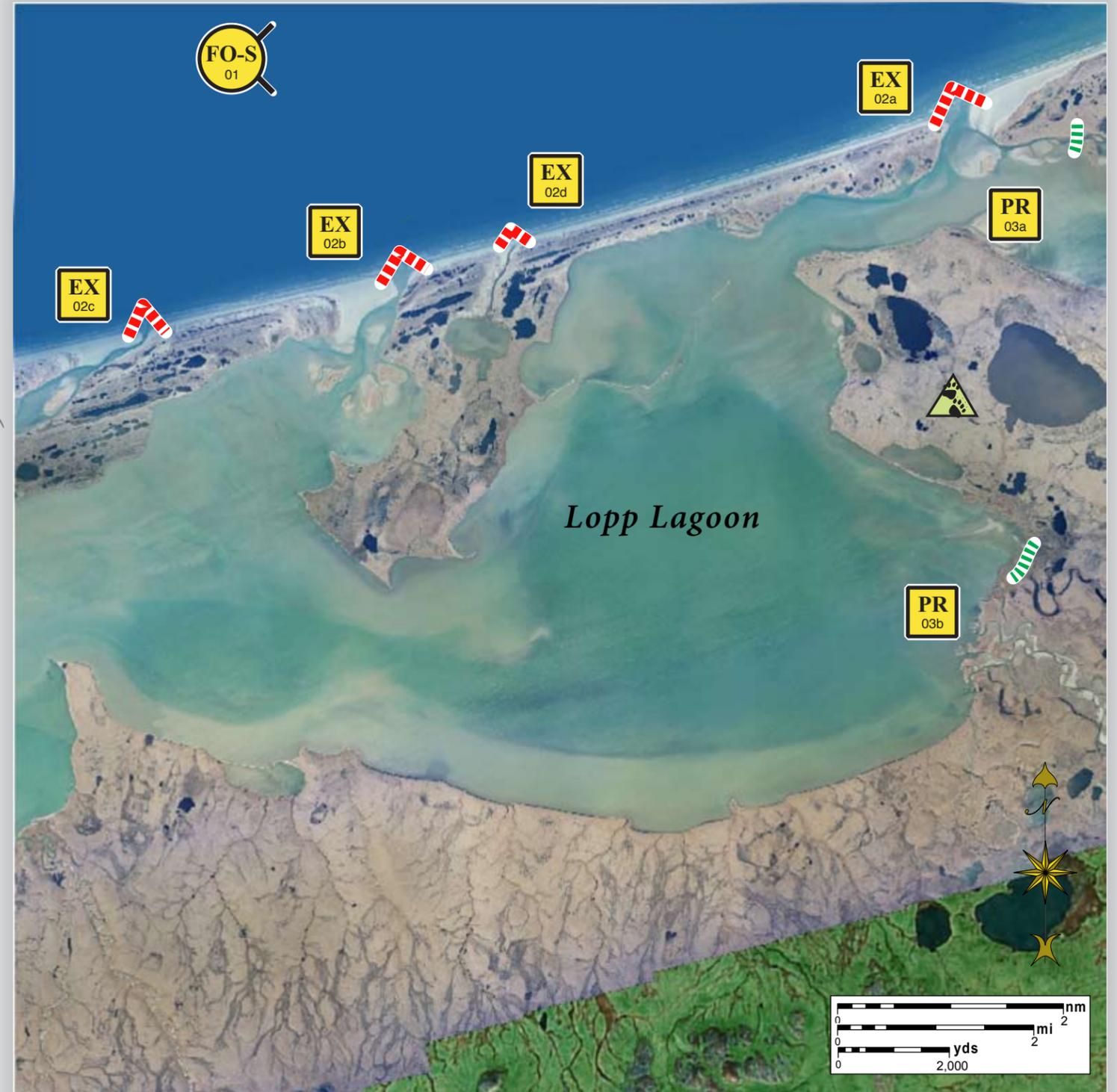
- Free-oil Recovery
- Passive Recovery
- Exclusion Booming
- Protected-water Boom
- Snare or Sorbent Boom
- Bears in Area, Guards Recommended

Aerial photography of this area is unavailable at this time, but may be included as it becomes available.

# Geographic Response Strategies for Northwest Arctic Subarea, Southern Zone

## Lopp Lagoon, NWA-S05

Center of map at 65° 45'34" N Lat., 167° 41'2" 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
S-05-01 	<b>Lopp Lagoon</b> Nearshore waters in the general area of: Lat. 65° 48.60 N Lon. 167°51.57 W	<b>Free-oil Recovery</b> Maximize free-oil recovery in the offshore & nearshore environment of Lopp Lagoon depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of Lopp 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.	Wales	Via marine waters Chart 16006	Same as S-05-02	Vessel master should have local knowledge.  Use extreme caution, shoal waters with numerous reefs and rocks.
S-05-02 	<b>Lopp Lagoon</b> a. Lat. 65° 49.00 N Lon. 167°32.22 W b. Lat. 65° 46.20 N Lon. 167°43.42 W c. Lat. 65° 45.35 N Lon. 167°49.58 W d. Lat. 65° 47.07 N Lon. 167°41.04 W	<b>Exclusion</b> Exclude oil from entering and impacting Lopp Lagoon.  Barrier beach may have breached in different locations. Aerial survey recommended prior to deployment. Adjust equipment requirements to reflect additional breaches.	Deploy anchors and boom with skiffs (class 6).  Place 5300 ft. of protected-water boom in a chevron pattern in front of the entrance to the lagoon. If the sea state does not allow this deployment, move further inside the entrance.  Tend throughout the tide.  <u>Boom Lengths:</u> a. 2800 ft. b. 3000 ft. c. 1000 ft. d. 200 ft.	<b>Deployment</b> <b>Equipment</b> 7000 ft. protected-water boom 26 ea. anchor systems 8 ea. anchor stakes <b>Vessels</b> 2 ea. class 6 1 ea. helicopter (for S-03-03, if needed) <b>Personnel/Shift</b> 4 ea. vessel crew <b>Tending</b> <b>Vessels</b> 1 ea. class 6 <b>Personnel/Shift</b> 2 ea. vessel crew	Wales	Via marine waters Chart 16006	Fish- herring spawning, dolly varden, char, white fish, saffron cod, pink chum salmon  Birds-waterfowl concentration, shorebird concentration, seabird nesting  Marine mammals- seal, polar bear  Habitat- marsh, low lying tundra, exposed tidal flats, exposed rocky shore, gravel beaches	Vessel master should have local knowledge.  FOSC Historic Properties Specialist should MONITOR on-site operations.  Threatened or endangered species/habitat is present or possible in the area. Consult with NOAA and DOI prior to deployment.  Site surveyed: Not surveyed  Tested: not yet
S-05-03 	<b>Lopp Lagoon</b> a. Lat. 65° 48.19 N Lon. 167°26.20 W  <b>Mint River</b> b. Lat. 65° 44.51 N Lon. 167°29.39 W	<b>Passive Recovery</b> Use local knowledge and navigation to place passive recovery across the channels of the streams in the Lopp Lagoon.	Place and anchor 800 ft. of snare line or sorbent boom at each location across the channels of streams in Lopp Lagoon.  The lagoon is very shallow. Unless local knowledge is available to navigate the lagoon, helicopter deployment should be utilized.  Replace as necessary to maximize the recovery.	<b>Deployment</b> <b>Equipment</b> 1600 ft. snare line or sorbent boom 8 ea. anchor systems 8 ea. anchor stakes <b>Vessels/Personnel/Shift</b> Same as S-05-02 <b>Tending</b> <b>Vessels/Personnel/Shift</b> Same as S-05-02	Vessel platform	Via marine waters Chart 16005	Same as S-05-02	Vessel master should have local knowledge.  Title 41 permitting required from ADNR.  A population of bears may be present in the area. A bear guard is required during shore operations.  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](http://dec.alaska.gov/spar/perp/plans/scp_nwa.htm).