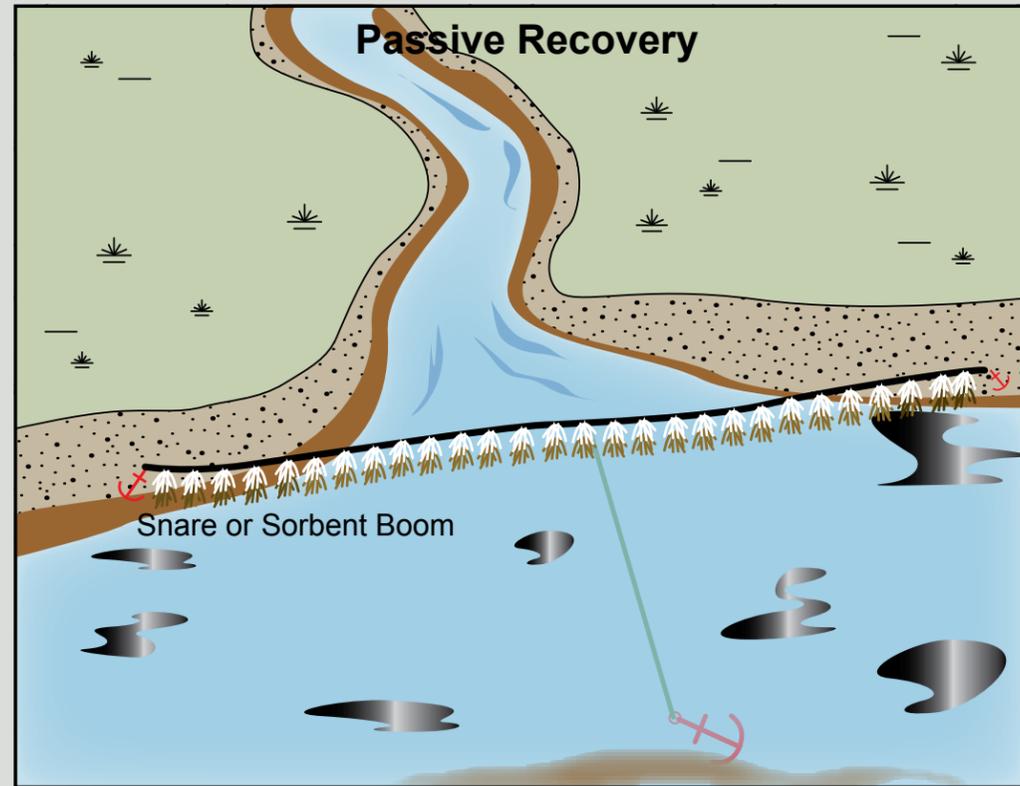


An example of the *Passive Recovery Tactic*. Actual deployment should be adjusted for local conditions.



Map Legend

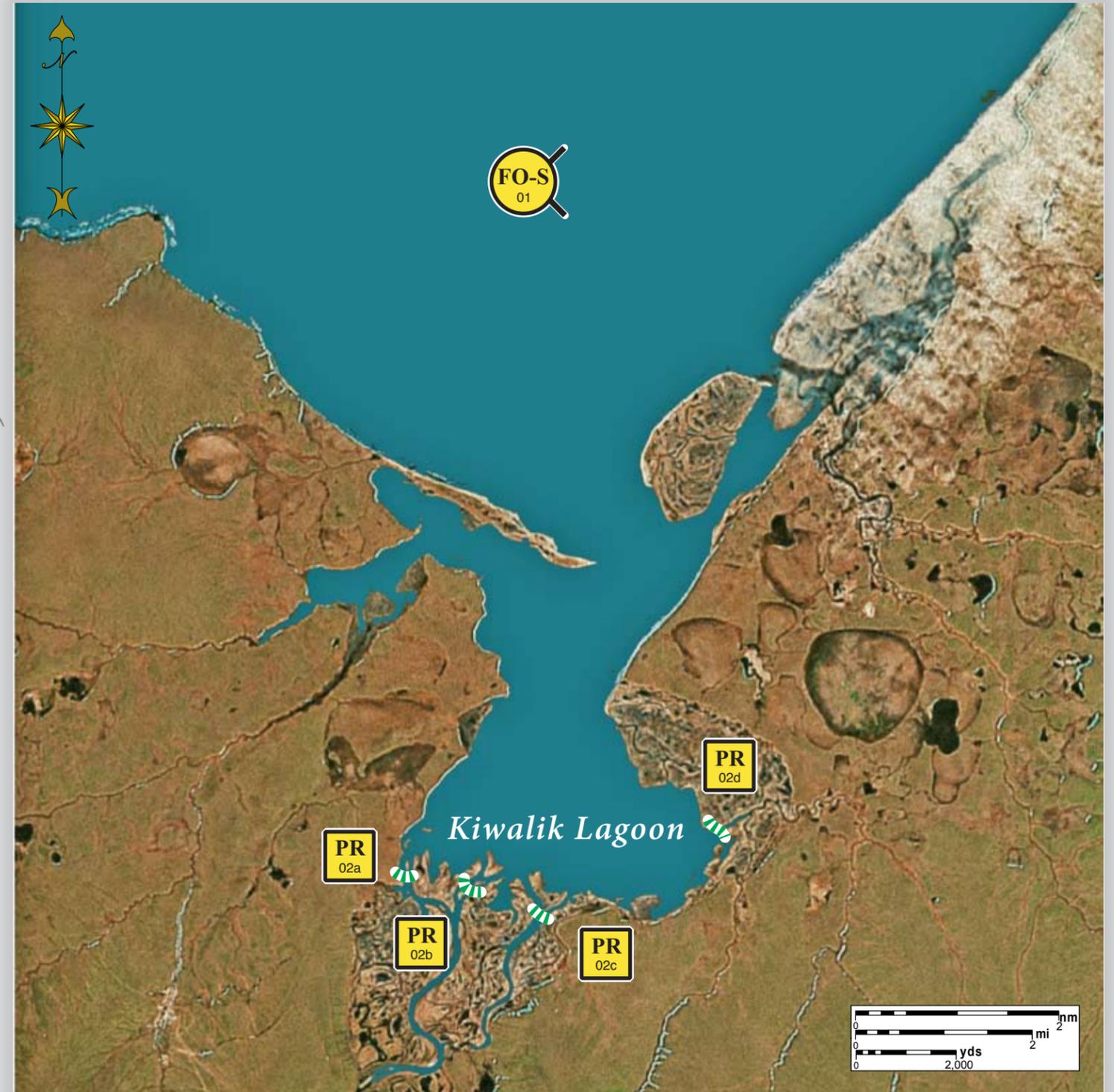
- Free-oil Recovery
- Passive Recovery
- Bears in Area, Guards Recommended
- Snare or Sorbent Boom

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, Northern Zone

Kiwalik Lagoon, NWA-N20

Center of map at 66° 0'46" N Lat., 161° 50'48" 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
N-20-01 	Kiwalik Lagoon Nearshore waters in the general area of: Lat. 66° 03.80 N Lon. 161° 51.9 W	Free-oil Recovery Maximize free-oil recovery in the offshore & nearshore environment of Kiwalik Lagoon depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of Selawik River Delta. 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.	Deering	Via marine waters Chart 16005	Same as N-20-02	Vessel master should have local knowledge. Use extreme caution, shoal waters with numerous reefs and rocks.
N-20-02 	Kiwalik Lagoon & Mud Creek Lat. 65° 58.96 N Lon. 161°50.89 W	Passive Recovery Place passive recovery across the channels of the streams and river in Kiwalik Lagoon.	The channels may change seasonally. Final location of the deployment should be based on observations at the time of deployment. Place and anchor snare line or sorbent boom across the channels of streams in Kiwalik Lagoon. Replace as necessary to maximize the recovery. <u>Boom Lengths:</u> a. 600 ft. b. 500 ft. c. 450 ft. d. 200 ft.	Deployment Equipment 1750 ft. snare line or sorbent boom 9 ea. anchor systems 16 ea. anchor stakes Vessels 2 ea. class 6 Personnel/Shift 4 ea. response techs Tending Vessels 1 ea. class 6 Personnel/Shift 2 ea. response techs	Vessel Platform	Via marine waters Chart 16005	Fish- herring spawning, chum salmon, dolly varden Birds-waterfowl concentration, seabird concentration, seabird nesting Habitat- marsh, sheltered tidal flats, low lying tundra, sheltered rocky shore, gravel beaches	Vessel master should have local knowledge. A population of bears may be present in the area. A bear guard is required during shore operations. Surveyed: not yet Title 41 permitting required from ADNR. REPORT any cultural resources found during operations to the FOSC Historic Properties Specialist. Threatened or endangered species/habitat is present or possible in the area. Consult with NOAA and DOI prior to deployment. 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.