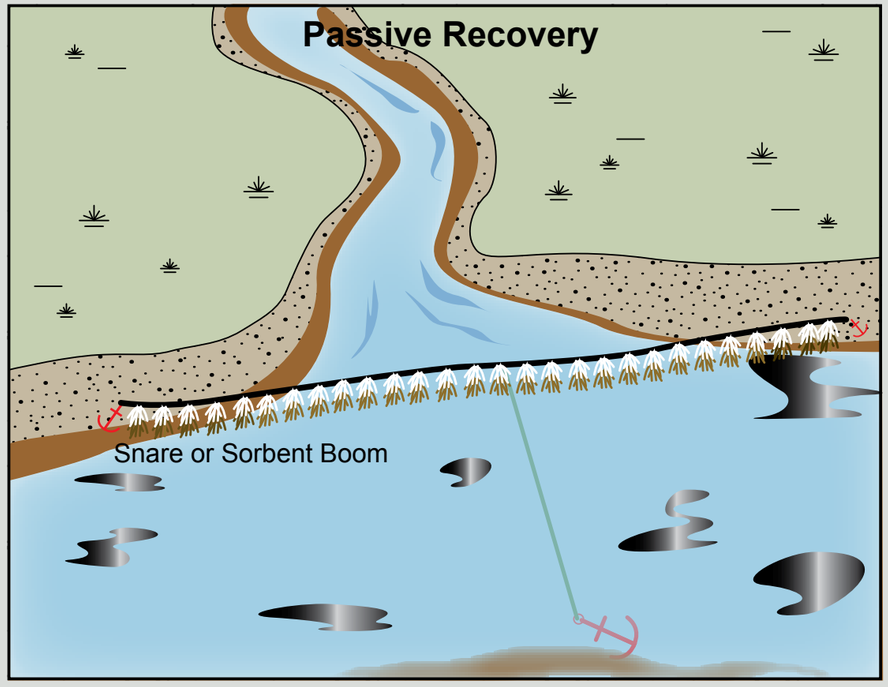
Geographic Response Strategies for Northwest Arctic Subarea, Northern Zone

Ekichuk Lake, NWA-N12

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



Center of map at 66° 58'46" N Lat., 161° 40'16" W Lon.

Map Legend

- FO-S — Free-oil Recovery
- PR — Passive Recovery
- 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.

This is not intended for navigational use.

DRAFT This tactic map is a working draft being used to develop a Geographic Response Strategy at this location. The tactics represented here have not been approved by the Subarea Committee and should not be considered final. If you have questions or comments please contact us by email at contact@nukaresearch.com.

ID	Location and Description	Response Strategy	Implementation	Response Resources	Staging Area	Site Access	Resources Protected (months)	Special Considerations
N-12-01 FO-S	**Ekichuk Lake** Nearshore waters in the general area of: Lat. 66° 58.0 N Lon. 161°50.9 W	**Free-oil Recovery** Maximize free-oil recovery in the offshore & nearshore environment of Ekichuk Lake depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of Ekichuk Lake. 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.	Kotzebue	Via marine waters Chart 16005	Same as N-12-02	Vessel master should have local knowledge. Use extreme caution, shoal waters with numerous reefs and rocks.
N-12-02 PR	**Ekichuk Lake** a. Lat. 66° 57.74 N Lon. 161°29.30 W b. Lat. 66° 56.40 N Lon. 161°29.33 W c. Lat. 66° 56.37 N Lon. 161°31.20 W d. Lat. 66° 59.41 N Lon. 161°32.75 W e. Lat. 67° 01.09 N Lon. 161°39.55 W f. Lat. 67° 01.25 N Lon. 161°42.57 W	**Passive Recovery** If oil is observed past Free-Oil Recovery locations, place passive recovery across the channels of the streams flowing into Ekichuk Lagoon.	Place and anchor snare line or sorbent boom across the channels of streams in Ekichuk Lagoon. Replace as necessary to maximize the recovery. Boom Length: a. 700 ft. b. 600 ft. c. 600 ft. d. 400 ft. e. 200 ft. f. 300 ft.	**Deployment** **Equipment** 2700 ft. snare line or sorbent boom 9 ea. anchor systems 24 ea. anchor stakes **Vessels** 2 ea. class 6 2 ea. inflatable raft or kayak **Personnel/Shift** 4 ea. vessel crew **Tending** **Vessels** 2 ea. class 6 2 ea. inflatable raft **Personnel/Shift** 4 ea. vessel crew	Vessel platform	Via marine waters Chart 16005	Fish- chum salmon, dolly varden, char Birds-waterfowl concentration, shorebird concentration, seabird concentration Habitat- marsh, gravel beaches, tundra cliffs, low lying tundra Human Use: Subsistence	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. REPORT any cultural resources found during operations to the FOSC Historic Properties Specialist. 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.