



Nuka North Arm Spawning Stream viewed from the east.



Nuka North Arm Spawning Stream viewed from the north.

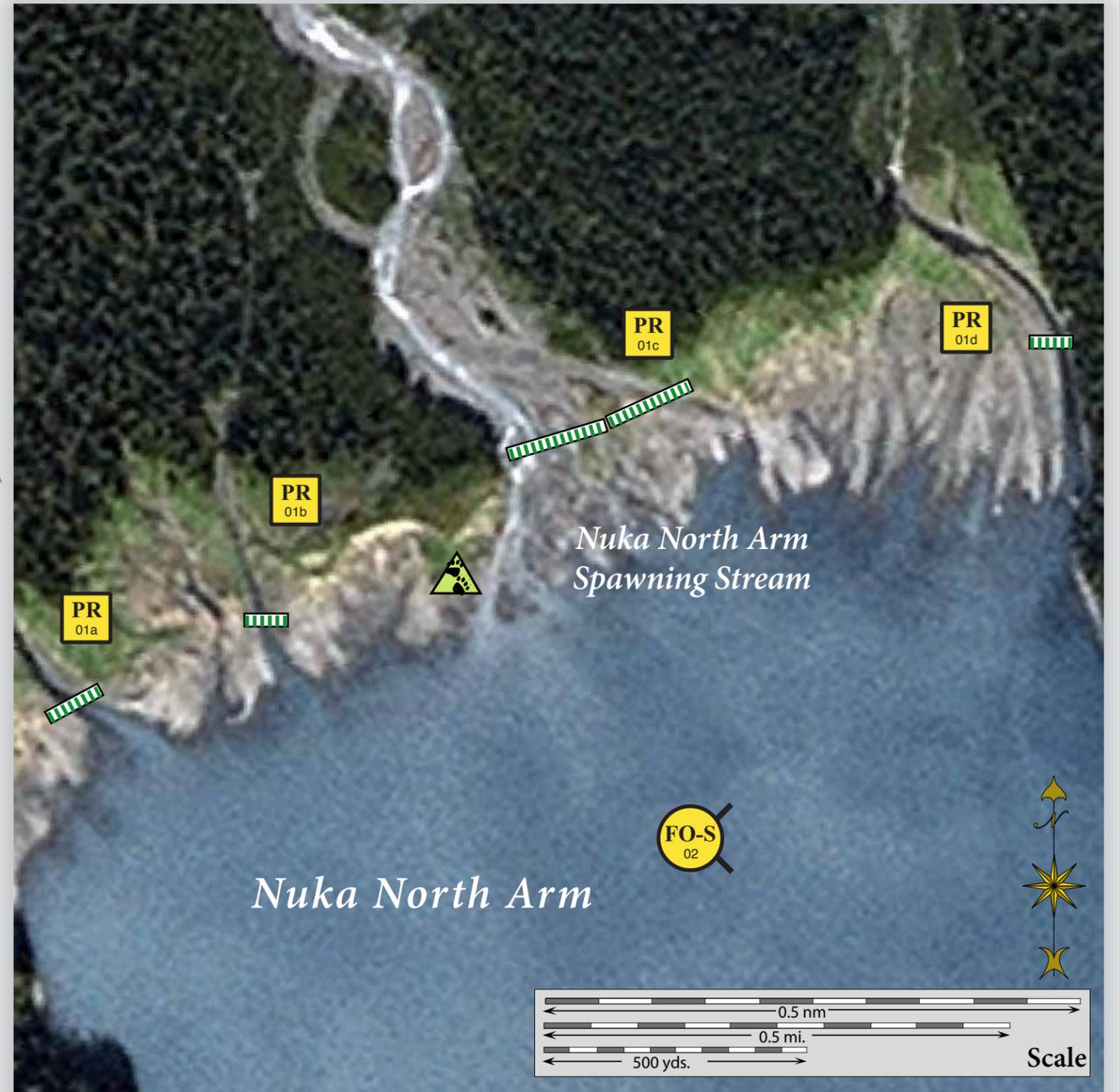
Map Legend

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

Geographic Response Strategies for COOK INLET Subarea, Seward Zone

Nuka North Arm Spawning Stream, SZ-43

Center of map at 59° 35.70' N Lat., 150° 33.10' 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 |
|-----------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SZ-43-01  | Nuka North Arm Stream a. Lat. 59° 35.76 N Lon. 150°33.65 W b. Lat. 59° 35.80 N Lon. 150°33.48 W c. Lat. 59° 35.83 N Lon. 150°33.26 W d. Lat. 59° 35.95 N Lon. 150°32.86 W | Passive Recovery Survey the area prior to deployment. Place passive recovery across entrances to the identified streams at the back of Nuka North Arm Stream. | Place and anchor snare line or sorbent boom across the streams in Nuka North Arm Stream. Replace as necessary to maximize the recovery. Boom Lengths: a. 100 ft b. 100 ft c. 400 ft. d. 300 ft. | Deployment Equipment 900 ft. snare or sausage boom 2 ea. anchor systems 16 ea. anchor stakes Vessels 1 ea. class 3 1 ea. class 6 Personnel/Shift 5 ea. vessel crew/general techs Tending Vessels 1 ea. class 3 1 ea. class 6 Personnel/Shift 3 ea. vessel crew/general techs | Vessel Platform | Via marine waters Chart 16681-1 | Fish- intertidal spawning- salmon (June-Sept.) Birds-waterfowl, seabird and shorebird concentration Habitat- gravel beaches, marsh Human use-subsistence, commercial fishing | Vessel master should have local knowledge. A large population of bears are in the area. Bear guard required. Title 16 permitting required from ADFG. Title 41 permitting required from ADNR. Surveyed: 6/26/12 Tested: not yet |
| SZ-43-02  | Nuka North Arm Stream Nearshore waters in the general area of: Lat. 59° 35.5 N Lon. 150°33.0 W | Free-oil Recovery Maximize free-oil recovery in the offshore & nearshore environment of Nuka North Arm Stream depending on spill location and trajectory. | Deploy free-oil recovery strike teams upwind and up current of the Nuka North Arm Stream. 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. | Seward | Via marine waters Chart 16681-1 | Same as SZ-43-01 | Vessel master should have local knowledge. Use extreme caution, shallow waters with shifting channels and bars. |

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