

# Map & Photo Legend



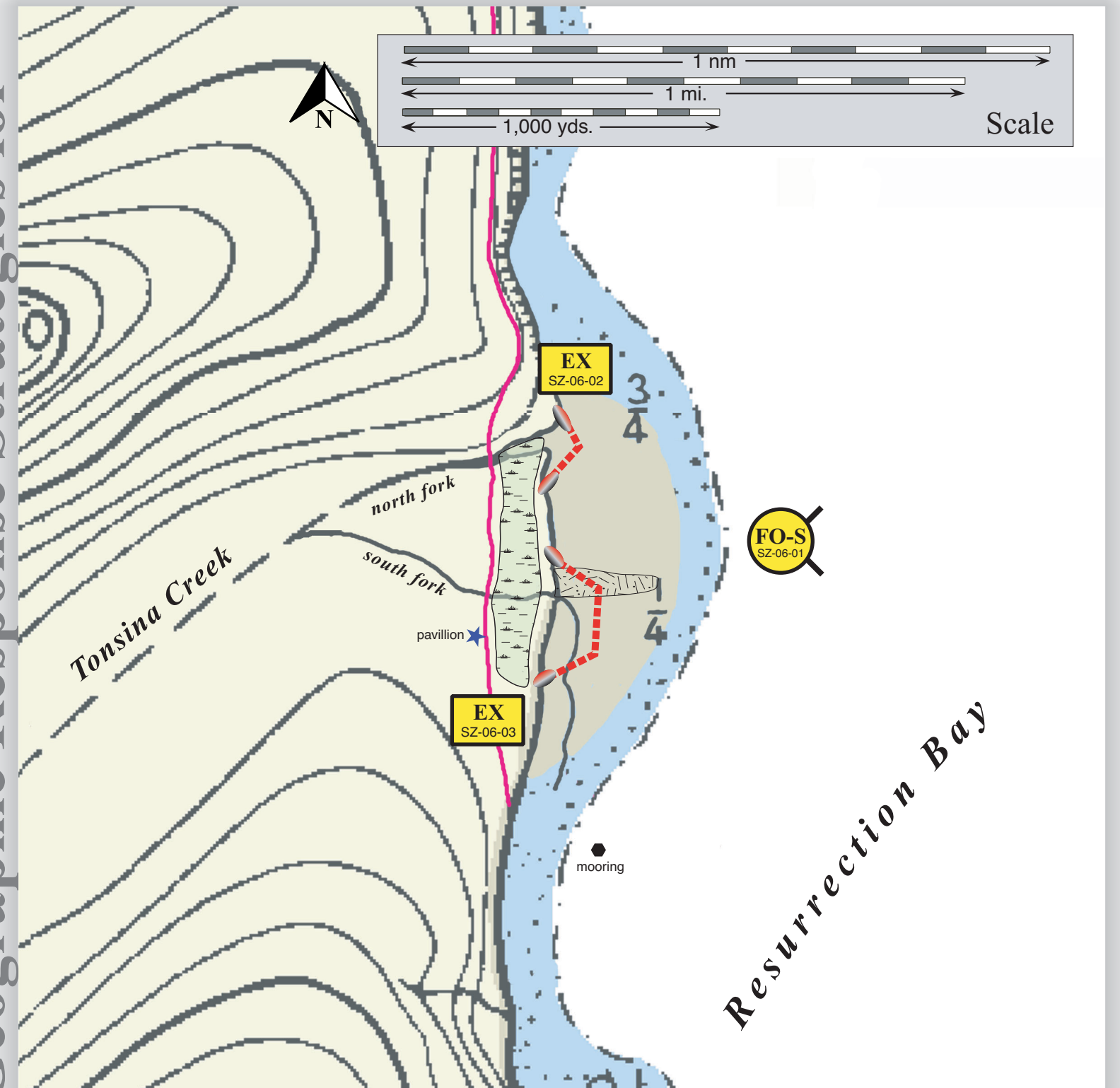
Tonsina Creek SZ-06, viewed from the east.

	Free-oil Containment and Recovery, Shallow Water		Marsh
	Exclusion Booming		Sandbar
	Protected-water Boom		Hiking Trail
	Tidal-seal Boom		

## Geographic Response Strategies for

# Tonsina Creek, SZ-06

Center of map at 60° 02.8' N Lat., 149° 26.2' W Lon.



This map is not intended to be used for navigation.

Soundings in fathoms

ID	Location and Description	Response Strategy	Implementation	Response Resources	Staging Area	Site Access	Resources Protected (months)	Special Considerations
SZ-06-01	<b>Tonsina Creek</b> Nearshore waters in the general area of:  Lat. 60° 02.79 N Lon. 149° 25.95 W	<b>Free-oil Recovery- Shallow Water</b>  Maximize free-oil recovery in the offshore & nearshore environment of Tonsina Creek depending on spill source and trajectory.	Deploy free-oil recovery strike teams upwind and up current of Tonsina Creek.  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 16682-1	Same as SZ-06-02	Vessel master should have local knowledge.  Shallow waters present response hazard.  Site surveyed: 9/09/02 and 9/10/02 GRS WG
SZ-06-02	<b>Tonsina Creek</b> Northern inlet  Lat. 60° 02.98 N Lon. 149° 26.57 W	<b>Exclusion</b>  Exclude oil from impacting the marsh and stream at northern fork of Tonsina Creek.	Transport equipment by vessel (class 2/3/4) from Seward.  Deploy anchors and boom with skiffs (class 6).  Place tidal-seal boom on the southern leg of across intertidal zone and protected-water boom around creek entrance in a chevron pattern.  Tend throughout the tide.	<b>Deployment Equipment</b> 600 ft. protected-water boom 1 section ≥50 ft. tidal-seal boom 3 ea. anchor systems (~20 lbs.) 4 ea. anchor stakes <b>Vessels</b> 2 ea. class 3/4 2 ea. class 6 <b>Personnel/Shift</b> 10 ea. vessel crew <b>Tending Vessels</b> 1 ea. class 3/4 1 ea. class 6 <b>Personnel/Shift</b> 4 ea. vessel crew	Vessel platform	Via marine waters  Chart 16682-1  Title 16 permitting required from ADF&G.	Fish- intertidal spawning- salmon, herring, dolly varden  Birds- eagle nest (May-Sept.)  Habitat-marsh  Marine mammals- otters  High recreational use (May–Sept.)	Vessel master should have local knowledge.  Boom array across the northern inlet may be moved to accommodate surf conditions.  Surrounding lands are an Alaska State Recreation Area.  Site surveyed: 9/09/02 and 9/10/02 GRS WG  Tested: not yet
SZ-06-03	<b>Tonsina Creek</b> Southern mouth  a. North anchor point  Lat. 60° 02.75 N Lon. 149° 26.43 W  b. South anchor point  Lat. 60° 02.46 N Lon. 149° 26.62 W	<b>Exclusion</b>  Exclude oil from entering the southern fork of Tonsina creek or impacting the immediate intertidal area.	Transport equipment by vessel (class 2/3/4) from Seward.  Deploy anchors and boom with skiffs (class 6).  Place tidal-seal boom across intertidal zone and protected-water boom around creek.  Tend throughout the tide.	<b>Deployment Equipment</b> 1800 ft. protected-water boom 2 sections ≥50 ft. tidal-seal boom 7 ea. anchor systems (~20 lbs.) 4 ea. anchor stakes <b>Vessels/Personnel/Shift</b> Same as SZ-06-02 <b>Tending Vessels/Personnel /Shift</b> Same as SZ-06-02	Vessel platform	Via marine waters  Chart 16682-1  Title 16 permitting required from ADF&G	Same as SZ-06-02	Vessel master should have local knowledge.  REPORT any cultural resources found during operations to FOSC Historic Properties Specialist.  Site surveyed: 9/09/02 and 9/10/02 GRS WG  Tested: not yet