



SE06-03 Looking northwest over the North and South Bight of Neka Bay.

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| | Free-oil Containment and Recovery, Shallow Water | | Snare Line |
| | Exclusion Booming | | Calm-water Boom |
| | Diversion Booming | | Tidal-seal Boom |
| | Deflection Booming, Fixed | | Marine Recovery |
| | Passive Recovery and Debris | | Bears in Area, Guards Needed |
| | Protected-water Boom | | |



SE06-03-02,03a,05 Looking west into Neka Bay.

Neka Bay, SE06-03

Center of map at 58° 02.3' N Lat., 135° 37.3' W Lon.



Geographic Response Strategies for



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
SE06-03-01	Mouth of Neka Bay Nearshore waters in the general area of: Lat. 58° 02.4 N Long. 135° 37.3 W	Free-oil Recovery Maximize free-oil recovery in the offshore & nearshore environment.	Deploy free-oil recovery strike teams upwind and up-current. Use aerial surveillance to locate incoming slicks.	Multiple free-oil recovery strike teams as required to maximize interception of oil before it impacts sensitive areas.	Vessel platform	Via marine waters	Same as SE06-03-02	
SE06-03-02	Neka River mouth Lat. 58° 03.1 N Lon. 135° 40.5 W	Diversion / Recovery Divert oil entering mouth of Neka River to marine recovery.	Use class 2 and class 3/4 vessels with deck space to transport equipment. class 6 setnet or seine skiffs to deploy boom and set anchors. Place 3200 ft. of protected-water boom at the head of Neka Bay, in a chevron pattern, to divert oil to marine recovery.	Deployment Equipment 3200 ft. protected-water boom 34 ea. anchor systems (~40 lbs.) 1 marine recovery unit Vessels 2 ea. class 2 2 ea. class 3/4 2 ea. class 6 Personnel / Shift 18 ea. vessel crew Tending Vessels 1 ea. class 3/4 2 ea. class 6 Personnel / Shift 5 ea. vessel crew	Vessel platform or Hoonah	Via marine waters	Marine mammals-harbor seal rookeries and haulouts, whale and seal feeding area Fish-intertidal salmon/trout spawning (coho, pink, chum, sockeye, king, Dolly Varden) (May-Aug.) Birds-high density pigeon guillemots at Chimney Rock, waterfowl and shorebird concentration area (year-round) Habitat-sheltered tidal flats, extensive marsh, eelgrass beds Human use-subsistence use area, shellfish harvesting/clam flat, high recreational use Terrestrial mammals-bears	See Figure G-3-12 for equipment locations. Bears in area. FOSC Historic Properties Specialist should MONITOR on-site operations. Consider using log boom. Title 41 permit may be necessary. Contact ADNR. Tested: not yet
SE06-03-03	Cove in Neka Bay a. Lat. 58° 03.0 N Lon. 135° 41.0 W b. Lat. 58° 02.1 N Lon. 135° 38.7 W	Exclusion Exclude oil from entering North Bight.	Place protected-water boom in two arrays, with tidal-seal on each end, from small island to headlands of cove to exclude oil from entering cove, <u>Boom Arrays</u> a. 1800 ft. b. 1200 ft.	Deployment Equipment 3000 ft. protected-water boom 32 ea. anchor systems (~40 lbs.) 4 ea. 50 ft. tidal-seal boom units 12 ea. anchor stakes Vessels / Personnel / Tending Same as SE03-01-02	Vessel platform or Hoonah	Via marine waters	Same as SE06-03-02	Consider using log boom in front of oil boom Tested: not yet
SE06-03-04	Neka Island /Open Water between North Bight and Chimney Rock a. Lat. 58° 01.9 N Lon. 135° 38.0 W b. Lat. 58° 01.8 N Lon. 135° 37.1 W c. Lat. 58° 01.4 N Lon. 135° 36.8 W d. Lat. 58° 01.1 N Lon. 134° 37.2 W	Deflection Deflect oil away from Neka Bay.	Place array (a) at the southeast point of Neka Island, array b. offshore between Neka Island and Chimney Rock, array c. around Chimney Rock to deflect oil coming from the north and array d. south of chimney rock to deflect oil coming from the south. Swing boom with tide. <u>Boom Arrays</u> a. 1200 ft. b. 1400 ft. c. 3000 ft. d. 2000 ft.	Deployment Equipment 7600 ft. protected-water boom 78 ea. anchor systems (~40 lbs.) Vessels / Personnel / Tending Same as SE03-01-02	Vessel platform or Hoonah	Via marine waters	Same as SE06-03-02	See Figure G-3-12 for equipment locations. Tested: not yet
SE06-03-05	Mouth of Neka River Lat. 58° 03.2 N Lon. 135° 41.7 W	Passive Recovery Exclude oil from entering mouth of Neka Bay.	Place 2000 ft. of snare line or sorbent boom across mouth of Neka River to exclude oil from entering Neka River Use snare line for persistent oils and sorbent boom for non-persistent.	Deployment Equipment 2000 ft. protected-water boom 22 ea. anchor systems (~40 lbs.) Vessels / Personnel / Tending Same as SE03-01-02	Vessel platform or Hoonah	Via marine waters	Same as SE06-03-02	Consider placing a harbor boom behind passive recovery.