

# Map & Photo Legend



SE01-01 Bostwick Estuary looking towards the northwest.

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|--|--|--|------------------------|
|  | Free-oil Containment and Recovery, Shallow Water |  | Tidal-seal Boom        |
|  | Exclusion Booming                                |  | Protected-water Boom   |
|  | Passive Recovery and Debris Removal              |  | Snare Line             |
|  | Diversion Booming                                |  | Marine Recovery        |
|  |  |  | Salmon Spawning Stream |



SE01-01-04 Bostwick Estuary looking towards the northwest.

# Bostwick Estuary, SE01-01

Center of map at 55° 13.8' N Lat., 131° 43.9' W Lon.

## Geographic Response Strategies for Southeast Alaska Subarea



This is not intended for navigational use.

Soundings in fathoms

ID	Location and Description	Response Strategy	Implementation	Response Resources	Staging Area	Site Access	Resources Protected (months)	Special Considerations
SE01-01-01	<b>Bostwick Inlet</b> Nearshore waters in the general area of: Lat. 55°12.9 N Lon. 131° 42.4 W	<b>Free-oil Recovery</b> Maximize free-oil recovery in the offshore & nearshore environment in the entrance to Bostwick Inlet.	Deploy free-oil recovery strike teams upwind and up current of Bostwick Inlet. 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 Chart 17434	Same as SE01-01-02	Vessel masters should have local knowledge.
SE01-01-02	<b>Bostwick Inlet Southwest</b> Boom Arrays a. Lat. 55° 12.3 N Lon. 131° 43.3 W b. Lat. 55° 13.45 N Lon. 131° 41.98 W	<b>Deflection</b> Deflect oil away from the entrance to Bostwick Inlet and out the Free Oil strike teams for recovery.	Use vessels with deck space to transport equipment to the site (class 2/3/4).  Deploy boom and set anchors with fishing vessels and skiffs (class 3/4/6).  Place protected-water boom off the headlands to deflect oil to free-oil recovery.  Tend throughout tide.  <u>Boom Lengths</u> a. 1500 ft. b. 500 ft.	<b>Deployment</b> <b>Equipment</b> 2000 ft. protected-water boom 20 ea. anchor systems (~40 lbs.) 4 ea. anchor stakes <b>Vessels</b> 1 ea. class 2 2 ea. class 3/4 2 ea. class 6 <b>Personnel / Shift</b> 14 ea. vessel crew <b>Tending</b> <b>Vessels</b> 1 ea. class 3/4 2 ea. class 6 <b>Personnel / Shift</b> 7 ea. vessel crew	Vessel Platform	Via marine waters Chart 17434	Fish- salmon concentrations – 10 streams (pink, chum, coho), steelhead  Birds-waterfowl concentrations  Habitat-marsh, eel grass, sheltered tidal flats  Human use-high recreational use  Invertebrates	Vessel masters should have local knowledge.  FOSC Historic Properties Specialist should MONITOR on-site operations.  See Figure G-3-2 for equipment locations.  Area is exposed to prevailing SE winds.  Tested: not yet  Surveyed: 5/05/03 TLR
SE01-01-03	<b>Bostwick Inlet North</b> Boom Arrays shoreside locations West Lat. 55° 13.88 N Lon. 131° 44.64 W East Lat. 55° 14.07 N Lon. 131° 43.79 W	<b>Divert and Recover</b> Divert oil entering Bostwick Inlet along the north and south shore to marine recovery.	Place six cascaded boom arrays inside of Bostwick Inlet to divert oil to marine recovery vessel anchored in the channel.  <u>Boom Array</u> 6- 900 ft. booms	<b>Deployment</b> <b>Equipment</b> 5400 ft. protected-water boom 42 ea. anchor systems (~40 lbs.) 1 ea. marine recovery unit <b>Vessels, Personnel, Tending</b> Same as SE01-01-02	Vessel Platform	Via marine waters Chart 17434	Same as SE01-01-02	Vessel masters should have local knowledge.  Tested: not yet  Surveyed: 5/05/03 TLR
SE01-01-04	<b>Head of Bostwick Inlet</b> Lat. 55° 14.9 N Lon. 131° 45.1 W	<b>Exclusion</b> Exclude oil from the head of Bostwick Inlet.	Place 4000 ft. of protected-water boom with tidal-seal on both ends, across head of Bostwick Inlet, outside the tidal flats.	<b>Deployment</b> <b>Equipment</b> 4000 ft. protected-water boom 2 ea. 50 ft. tidal-seal 42 ea. anchor systems (~40 lbs.) 4 ea. anchor stakes <b>Vessels, Personnel, Tending</b> Same as SE01-01-02	Vessel Platform	Via marine waters Chart 17434	Same as SE01-01-02	Vessel masters should have local knowledge.  Tested: not yet  Surveyed: 5/05/03 TLR
SE01-01-05	<b>Bostwick Inlet Cove</b> Lat. 55° 13.2 N Lon. 131° 44.9 W	<b>Passive Recovery</b> Minimize impact through passive recovery.	Place 3000 ft. of snare line or sorbent boom, across tide flats, in cove on west side of Bostwick Inlet. Use snare line for persistent oil or sorbent boom for diesel.	<b>Deployment</b> <b>Equipment</b> 3000 ft. snare line or sorbent boom 30 ea. anchor stakes <b>Vessels, Personnel, Tending</b> Same as SE01-01-02	Vessel Platform	Via marine waters Chart 17434	Same as SE01-01-02	Vessel masters should have local knowledge.  Surveyed: 5/05/03 TLR