

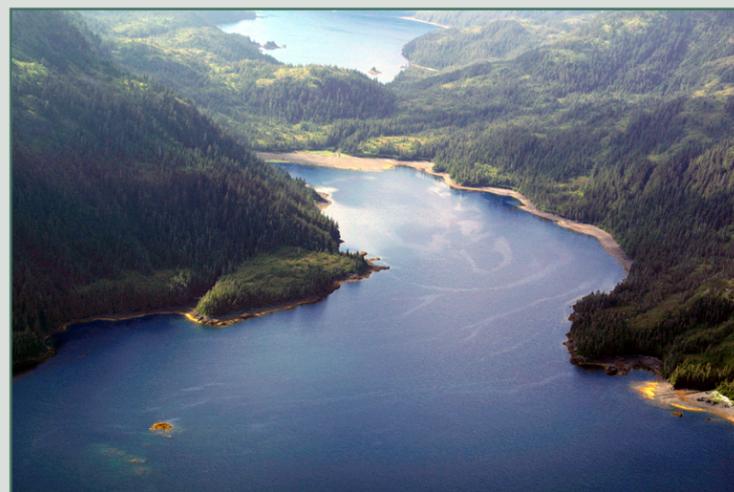
# Map & Photo Legend



SW-10 West Arm of Bay of Isles viewed from the east.



SW-10-01 Short Arm Bay of Isles viewed from the north.



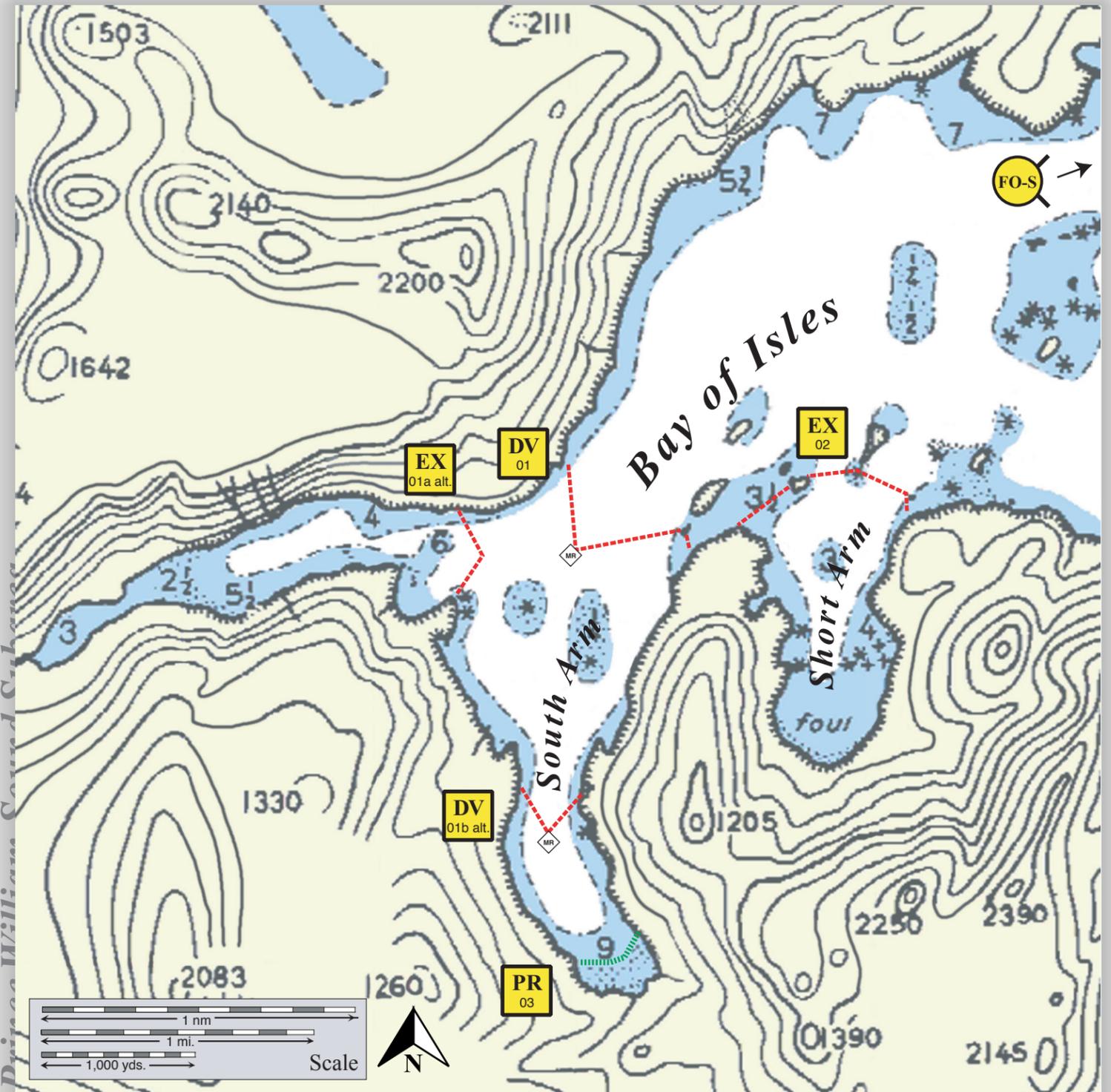
SW-10-02alt, 03 South Arm Bay of Isles viewed from the north.

- Free-oil Containment and Recovery, Shallow Water
- Exclusion Booming
- Diversion Booming
- Passive Recovery and Collection
- Protected-water Boom
- Passive Collection (Snare Line)
- Marine Recovery

## Bay of Isles, PWS-SW10

Center of map at 60° 23.13' N Lat., 147° 41.60' W Lon.

### Geographic Response Strategies for



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
SW-10-01	<p><b>Bay of Isles</b> NW anchor point Lat. 60° 23.61 N Lon. 147° 41.94 W</p> <p>SE anchor point Lat. 60° 23.25 N Lon. 147° 41.26 W</p>	<p><b>Divert and Collect</b> Divert oil to marine collection determined by spill source and trajectory.</p>	<p>Transport equipment by vessel (class 2/3/4). Deploy anchors and boom with fishing vessels or skiffs (class 3/4/6). Place protected-water boom at the proper angle to divert oil to marine collection point. Use the islands as anchor points. Set up marine recovery unit and tend throughout the tide.</p>	<p><b>Deployment</b> <b>Equipment</b> 4300 ft. protected-water boom 40 ea. anchor systems (~40 lbs.) 8 ea. anchor stakes 1 ea. marine collection unit <b>Vessels</b> 2 ea. class 2 2 ea. class 3/4 2 ea. class 6 <b>Personnel/Shift</b> 16 ea. vessel crew <b>Tending</b> <b>Vessels</b> 1 ea. class 3/4 1 ea. class 6 <b>Personnel/Shift</b> 3 ea. vessel crew 2 ea. response techs</p>	Whittier or Valdez	Via marine waters Chart 16701-1	<p>Fish-intertidal spawning-salmon, herring Marine mammals- seals Birds- seabird feeding, waterfowl concentrations Habitat-sheltered rocky shoreline, eel grass, marsh</p>	<p>Vessel master should have local knowledge. REPORT any cultural resources found during operations to FOSC Historic Properties Specialist. Site surveyed: 7/15/03 PWS GRS Tactics Committee Tested: not yet</p>
SW-10-01a Alternative Deployment	<p><b>Bay of Isles-West Arm</b> Lat. 60° 23.20 N Lon. 147° 42.90 W</p>	<p><b>Exclusion</b> Exclude oil from the West Arm of the Bay of Isles.</p>	<p>Transport equipment by vessel (class 2/3/4). Deploy anchors and boom with fishing vessels or skiffs (class 3/4/6). Place boom in a chevron pattern across entrance to the West Arm. Tend throughout the tide.</p>	<p><b>Deployment</b> <b>Equipment</b> 2000 ft. protected-water boom 1 ea. apex anchor (~200 lbs.) 10 ea. anchor systems (~20 lbs.) 4 ea. anchor stakes <b>Vessels/Personnel/Shift</b> Same as SW-10-01 <b>Tending/Vessels/Personnel/Shift</b> Same as SW-10-01</p>	Vessel platform	Via marine waters Chart 16701-1	Same as SW-10-01	<p>Vessel master should have local knowledge. Use SW-10-01 Alt. if SW10-01 is not feasible due to conditions. Site surveyed: 7/15/03 PWS GRS Tactics Committee Tested: not yet</p>
SW-10-01b Alternative Deployment	<p><b>Bay of Isles-South Arm</b> <b>West anchor point</b> Lat. 60° 22.39 N Lon. 147° 42.36 W <b>East anchor point</b> Lat. 60° 22.45 N Lon. 147° 41.93 W</p>	<p><b>Divert and Collect</b> Divert oil in the South Arm to marine collection point in the center of the channel.</p>	<p>Transport equipment by vessel (class 2/3/4). Deploy anchors and boom with fishing vessels or skiffs (class 3/4/6). Place protected-water boom at the proper angle to divert oil to marine collection point. Set up collection unit and tend throughout the tide.</p>	<p><b>Deployment</b> <b>Equipment</b> 2000 ft. protected-water boom 5 ea. anchor systems (~20 lbs.) 4 ea. anchor stakes 1 ea. marine collection unit <b>Vessels/Personnel/Shift</b> Same as SW-10-01 <b>Tending/Vessels/Personnel/Shift</b> Same as SW-10-01</p>	Vessel platform	Via marine waters Chart 16701-1	Same as SW-10-01	<p>Vessel master should have local knowledge. Use SW10-01 Alt. if SW10-01 is not feasible due to conditions. Site surveyed: 7/15/03 PWS GRS Tactics Committee Tested: not yet</p>
SW-10-02	<p><b>Bay of Isles-Short Arm</b> Lat. 60° 23.40 N Lon. 147° 40.25 W</p>	<p><b>Exclusion</b> Exclude oil from impacting the marsh and stream in the Short Arm of the Bay of Isles.</p>	<p>Transport equipment by vessel (class 2/3/4). Deploy anchors and boom with skiffs (class 6). Place boom across entrance using small islands for anchoring. Tend throughout the tide.</p>	<p><b>Deployment</b> <b>Equipment</b> 4000 ft. protected-water boom 20 ea. anchor systems (~20 lbs.) 8 ea. anchor stakes <b>Vessels/Personnel/Shift</b> Same as SW-10-01 <b>Tending/Vessels/Personnel/Shift</b> Same as SW-10-01</p>	Vessel platform	Via marine waters Chart 16701-1	Same as SW-10-01	<p>Vessel master should have local knowledge. Site surveyed: 7/15/03 PWS GRS Tactics Committee Tested: not yet</p>
SW-10-03	<p><b>Head of Bay of Isles South Arm</b> West shore anchor point Lat. 60° 21.84 N Lon. 147° 42.03 W East shore anchor point Lat. 60° 21.84 N Lon. 147° 42.03 W</p>	<p><b>Passive Recovery</b> If warranted, place passive recovery just outside salmon stream mouths to minimize impact.</p>	<p>Transport equipment by vessel (Class 2/3/4). Place and anchor snare line or sorbent boom across the salmon streams in the area behind the diversion tactic. Replace as necessary to maximize the recovery.</p>	<p><b>Deployment</b> <b>Equipment</b> 1500 ft. snare line or sorbent boom 4 ea. anchor stakes <b>Vessels/Personnel/Shift</b> Same as PWS-NE05-02 <b>Tending</b> <b>Vessels/Personnel/Shift</b> Same as PWS-NE05-02</p>	Vessel platform	Via marine waters Chart 16701-1	Same as SW-10-01	<p>Use snare line for persistent oils and sorbent boom for non-persistent oils. Title 41 permitting required from AKDNR. Site surveyed: 7/15/03 PWS GRS Tactics Committee</p>