



NE-10 Olsen Bay viewed from the south.



NE-10-02a Olsen Bay stream viewed from the south.



NE-10-02c East lagoon in Olsen Bay viewed from the south.

NE-10-02b Head of Olsen Bay viewed from the southwest.

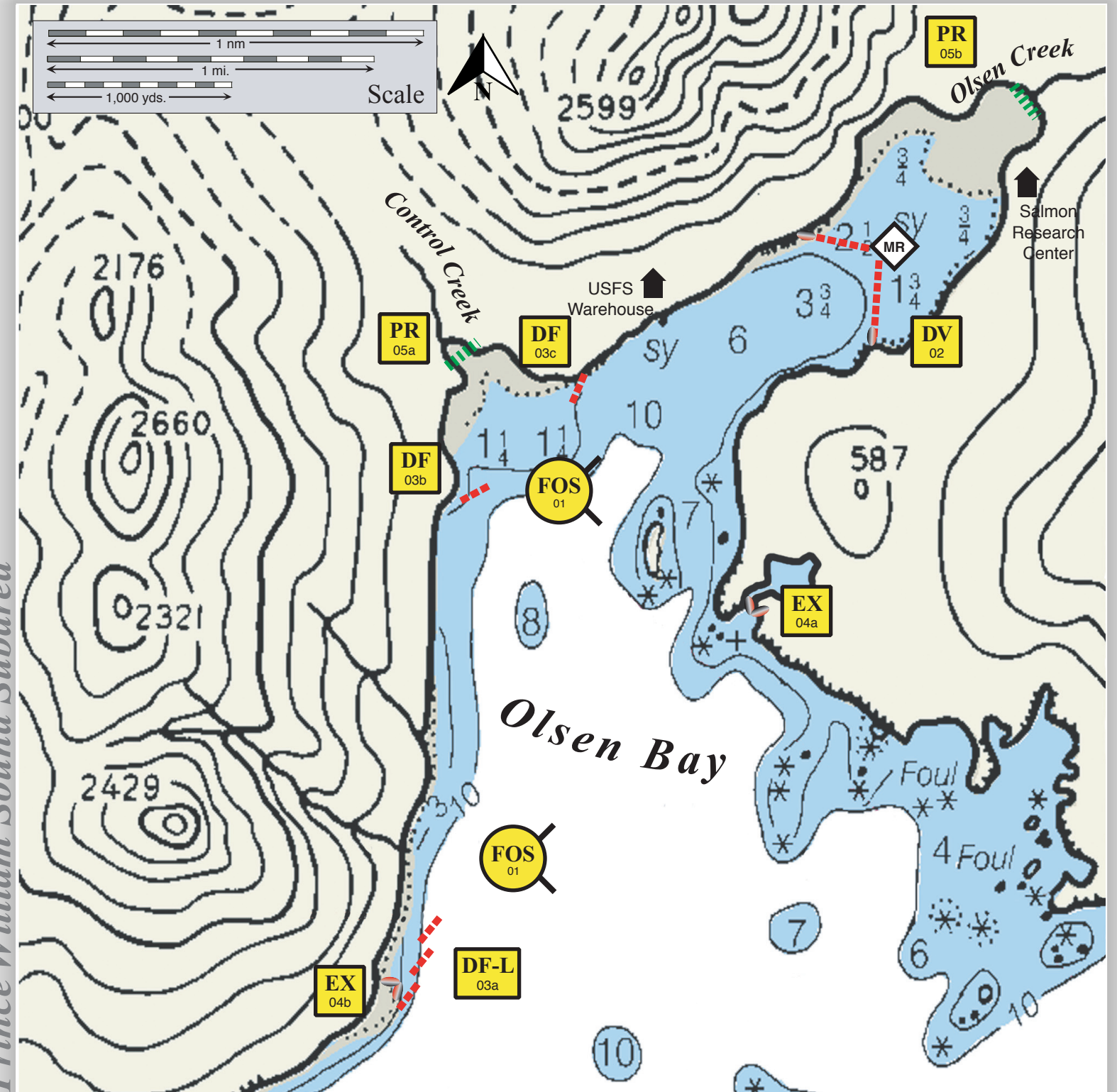
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| | Free-oil Containment and Recovery, Shallow Water |
| | Exclusion Booming |
| | Diversion Booming |
| | Deflection Booming |
| | Deflection Booming, Live |
| | Passive Recovery and Debris Removal |
| | Protected-water Boom |
| | Snare Boom |
| | Tidal-seal Boom |
| | Marine Recovery |
| | Buildings |



Olsen Bay, PWS-NE10






Center of map at 60° 43.00' N Lat., 146° 10.00' W Lon.

Geographic Response Strategies for Prince William Sound 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
NE-10-01 	Olsen Bay Nearshore waters in the general area of: a. Lat. 60° 43.5 N Lon. 146° 13.1W b. Lat. 60° 43.6 N Lon. 146° 13.3 W	Free-oil Recovery Maximize free-oil recovery in the offshore & nearshore environment of Olsen Bay depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of Olsen Bay. 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.	Valdez	Via marine waters Chart 16708-1	Same as NE-10-02	Vessel master should have local knowledge. Site surveyed: 7/16/03 PWS GRS Tactics Committee Tested: 08/17/04 SERVS
NE-10-02 	Olsen Bay Shoreline anchor points North Lat. 60° 44.94 N Lon. 146° 12.23W South Lat. 60° 44.77 N Lon. 146° 11.86 W	Divert and Collect Divert oil to marine recovery unit as determined by spill source and trajectory.	Transport equipment by vessel (class 3/4). Deploy anchors and boom with fishing vessels or skiffs (class 3/4/6). Place 100 ft. tidal seal boom on the southern shore and 50 ft. on the northern shore. Complete the array with protected-water boom at the proper angle to divert oil to the marine recovery unit in mid-channel. Set up collection unit and tend throughout the tide.	Deployment Equipment 1600 ft. protected-water boom 3 section 50 ft. tidal-seal boom 6 ea. anchor systems (~20 lbs.) 1 ea. marine collection unit Vessels 5 ea. class 3/4 2 ea. class 6 Personnel/Shift 19 ea. vessel crew 3 ea. response techs Tending Vessels 5 ea. class 3/4 1 ea. class 6 Personnel/Shift 17 ea. vessel crew 2 ea. response techs	Vessel platform	Via marine waters Chart 16708-1	Fish- intertidal spawning-salmon, herring Birds- eagle nest, (May-Sept.), waterfowl nesting Habitat-marsh Marine mammals- otters, seals Human use- commercial fishing, subsistence	Vessel master should have local knowledge. Site surveyed: 7/16/03 PWS GRS Tactics Committee Tested: 08/17/04 SERVS FOSC Historic Properties Specialist should INSPECT site prior to operations.
NE-10-03 	Olsen Bay a. Lat. 60° 44.17 N Lon. 146° 13.95 W b. Lat. 60° 44.48 N Lon. 146° 13.59 W c. Lat. 60° 44.75 N Lon. 146° 12.95 W	Deflection Deflect oil from the western shoreline and from the mouth of Control Creek shore in Olsen Bay back into the channel for collection.	Transport equipment to site by vessel (class 2/3/4). Deploy array (a.) with the first boom anchored to the shore and held at the appropriate angle to deflect oil into the channel. The next two booms in (a.) should be held as a live deflection with fishing vessels or skiffs (class 3/4/6). In array (b.) and (c.) there is appropriate water for the deployment of anchors. Deploy anchors with fishing vessels or skiffs (class 3/4/6). Position boom at appropriate angle to deflect oil from Control Creek to free-oil recovery. Tend throughout the tide. <u>Boom Lengths:</u> a. 3 x 200 ft. b. 500 ft. c. 500 ft.	Deployment Equipment 1600 ft. protected-water boom 4 ea. anchor systems (~20 lbs.) 6 ea. anchor stakes Vessels Same as NE-10-02 Personnel/Shift Same as NE-10-02 Tending Vessels/Personnel/Shift Same as NE-10-02	Vessel platform	Via marine waters Chart 16708-1	Same as NE-10-02	Vessel master should have local knowledge. Site surveyed: 7/16/03 PWS GRS Tactics Committee Tested: 08/17/04 SERVS
NE-10-04 	Olsen Bay a. Lat. 60° 44.17 N Lon. 146° 11.92 W b. Lat. 60° 43.24 N Lon. 146° 13.94 W	Exclusion Exclude oil from impacting the tidal lagoons in Olsen Bay.	Transport equipment by vessel (class 2/3/4). Deploy boom and anchor system with skiffs (class 6). Place tidal seal boom directly across the cut in the banks to protect the intertidal lagoons in (a) and (b). Tend throughout the tide. <u>Boom Lengths:</u> a. 50 ft. b. 50 ft.	Deployment Equipment 2 section 50 ft. tidal-seal boom 8 ea. anchor stakes Vessels Same as NE-10-02 Personnel/Shift Same as NE-10-02 Tending Vessels/Personnel/Shift Same as NE-10-02	Vessel platform	Via marine waters Chart 16708-1 Title 41 permitting required from AKDNR.	Same as NE-10-02	Vessel master should have local knowledge. Site surveyed: 7/16/03 PWS GRS Tactics Committee Tested: 08/17/04 SERVS
NE-10-05 	Olsen Bay a. Lat. 60° 44.81 N Lon. 146° 13.50W b. Lat. 60° 45.44 N Lon. 146° 10.47 W	Passive Recovery At high tide, place passive recovery on the tidal flats.	Transport equipment by vessel (class 2/3/4). At or near high tide place and anchor snare line or sorbent boom across the tidal flats using skiffs (class 6). Replace as necessary to maximize the recovery. <u>Boom Lengths:</u> a. 300 ft. b. 1000 ft.	Deployment Equipment 1300 ft. snare line or sorbent boom 8 ea. anchor stakes Vessels/Personnel/Shift Same as NE-10-02 Tending Vessels/Personnel/Shift Same as NE-10-02	Vessel platform	Via marine waters Chart 16708-1 Title 41 permitting required from AKDNR.	Same as NE-10-02	Use snare line for persistent oils and sorbent boom for non-persistent oils.