

Map & Photo Legend



Delight Lake Stream/McCarty Lagoon SZ-19, viewed from the west.

	Free-oil Containment and Recovery, Shallow Water		Gate
	Exclusion Booming		Helicopter Landing Zone
	Protected-water Boom		Bears in Area, Guards Needed
	Tidal-seal Boom		Private Cabin



SZ-19 Delight Lake Stream and McCarty Lagoon entrance as viewed from the west.

Delight Lake Stream/McCarty Lagoon, SZ-19

Center of map at 59° 32.5' N Lat., 150° 20.4' 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
SZ-19-01	Delight Lake Stream/McCarty Lagoon Nearshore waters in the general area of: Lat. 59° 32.5 N Lon. 150° 20.4 W	Free-oil Recovery-Shallow Water Maximize free-oil recovery in the offshore & nearshore environment of Delight Lake Stream depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of Delight Lake Stream. 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-19-02	Vessel master should have local knowledge. REPORT any cultural resources found during operations to FOSC Historic Properties Specialist. Site surveyed: 9/06/02 GRS WG
SZ-19-02	Delight Lake Stream/McCarty Lagoon Lat. 59° 31.86 N Lon. 150° 20.99 W	Exclusion with Gate Exclude oil from entering Delight Lake Stream and McCarty Lagoon. Establish a gate to provide access to McCarty Lagoon.	Transport equipment by vessel (class 3/4) from Seward. Deploy anchors and boom with skiffs (class 6) Place tidal-seal boom on the north end of the array and protected-water boom outside the current across the entrance to McCarty Lagoon. Establish boom angle to deflect oil to the north beach. Tend throughout the tide.	Deployment Equipment 1500 ft. protected-water boom 100 ft. tidal-seal boom 10 ea. anchor systems (~40 lbs.) 2 ea. anchor stakes 1 ea. gate Vessels 1 class 2 (transport) 1 class 3/4 1 class 6 Personnel/Shift 9 ea. vessel crew Tending Vessels 1 ea. class 3/4 1 ea. class 6 Personnel/Shift 3 ea. vessel crew	Vessel platform	Via marine waters, Helicopter Chart 16682-1 Title 16 permitting required from ADF&G.	Fish- intertidal spawning, salmon, herring (April-May) Marine mammals-seal, sea otters Birds- eagle nest (May-Sept.) waterfowl feeding and nesting, mergansers, harlequin, loons, oyster catchers Habitat-marsh Human use-high recreational use, sport fishing, commercial fishing (May-Sept.) Terrestrial mammals-bears	Vessel master should have local knowledge. The surrounding lands are property of the Port Graham Village Corporation. Contact the Corporation as soon as possible for permitting to conduct shore-side activities. Conducting any on-shore activity in the surrounding area beyond the scope of this document requires the express consent of the Port Graham Village Corporation. The beach outside McCarty Lagoon should be a priority for shoreline clean-up. Biting insects may present a response hazard. Site surveyed: 9/06/02 GRS WG Tested: not yet
SZ-19-03	Delight Lake Stream/McCarty Lagoon Northwest Lat. 59° 32.03 N Lon. 150° 20.48 W	Exclusion Exclude oil from entering Delight Lake/McCarty Lagoon.	Transport equipment by vessel (class 2/3/4) from Seward. Deploy anchors and boom with skiffs (class 6) Place tidal-seal boom and calm-water boom along the eddy line created by the current entering the lagoon. Tend throughout the tide.	Deployment Equipment 600 ft. calm-water boom 2 sections ≥50 ft. tidal-seal boom 3 ea. anchor systems (~40 lbs.) 4 ea. anchor stakes Vessels/Personnel/Shift Same as SZ-19-02 Tending Vessels/Personnel/Shift Same as SZ-19-02	Vessel platform	Via marine waters Chart 16682-1	Same as SZ-19-02	Vessel master should have local knowledge. Site surveyed: 9/06/02 GRS WG Tested: not yet