



The entrance to Cinder River viewed from the north.

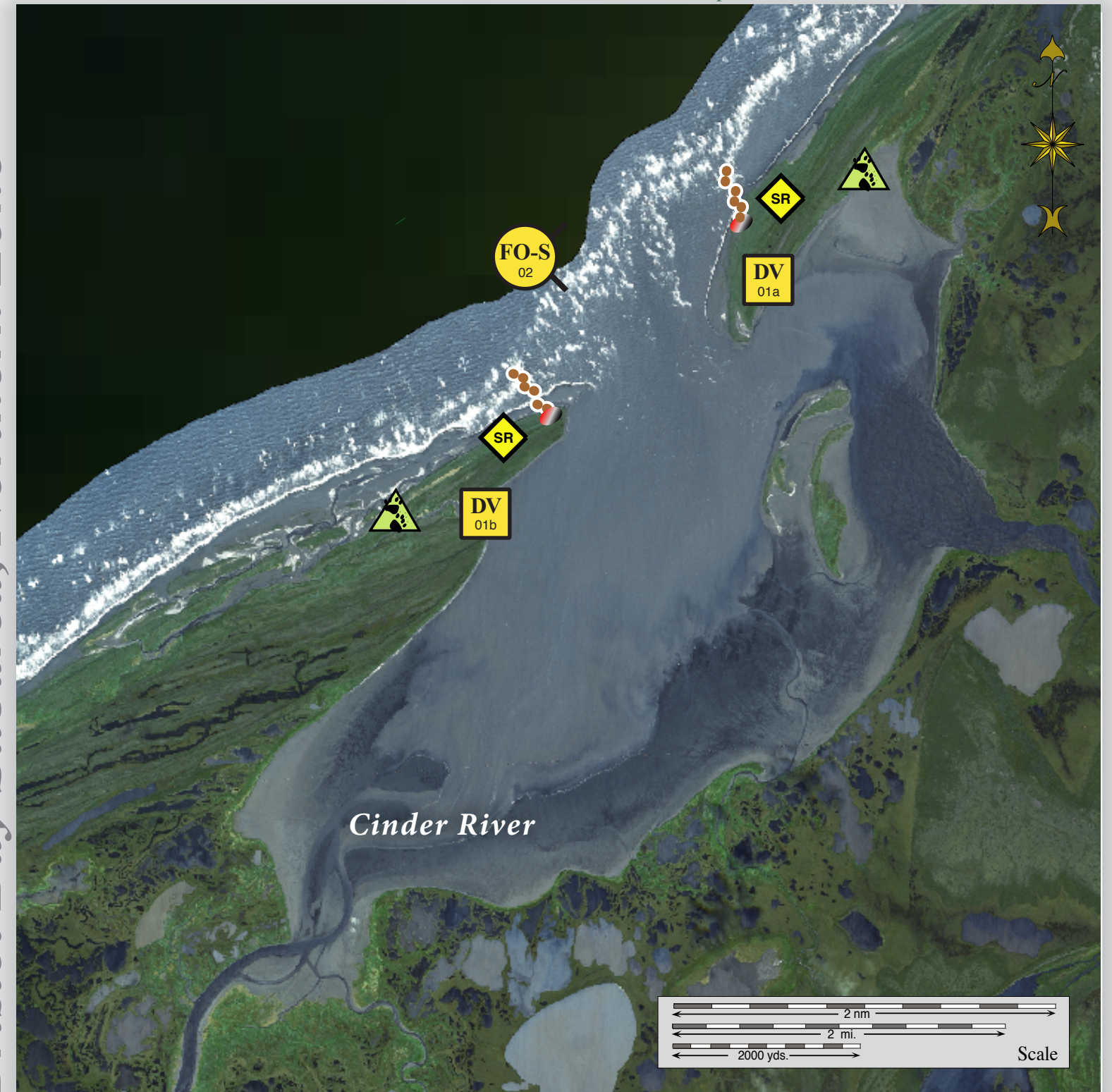


The entrance to Cinder River intertidal area viewed from the east.

Geographic Response Strategies for
Bristol Bay Subarea, Northern Zone

Cinder River, BB-N15



Center of map at 57° 21.58' N Lat., 158° 06.42' W Lon.



This is not intended for navigational use.

Map Legend

	Free-oil Recovery		Fast-water Boom
	Diversion Booming		Tidal-seal Boom
	Shoreside Recovery		Bears in Area, Guards Recommended

ID	Location and Description	Response Strategy	Implementation	Response Resources	Staging Area	Site Access	Resources Protected (months)	Special Considerations
N-15-01 	Cinder River a. Lat.57° 21.17'N Lon.158°04.96'W b. Lat. 57°21.00'N Lon.158°06.37'W	Divert and Collect Divert oil to shore side collection location on the bank of the Cinder River and Mud Creek.	Deploy anchors and boom with skiffs (class 6). At each location cascaded 3 x 300 ft. section of fast-water boom at the proper angle to divert incoming oil to the collection sites. Complete the array with 60 ft. of tidal seal boom on the shore that will be used as a collection site. Set up shore-side recovery and tend throughout the tide.	Deployment Equipment 1800 ft. fast-water boom 120 ft. tidal seal boom 9 ea. anchor systems 8 ea. anchor stakes 2 ea. shore-side recovery systems Vessels 1 ea. class 3 2 ea. class 6 Personnel/Shift 7 ea. vessel crew/general techs 2 ea. response techs Tending Vessels 1 ea. class 3 1 ea. class 6 Personnel/Shift 4 ea. vessel crew/general techs 2 ea. skilled tech	Pilot Point	Via marine waters Chart 16338	Fish- intertidal spawning- salmon (June-Sept.) Birds-waterfowl, seabird and shorebird concentration Marine mammals- seals, otters Habitat- exposed tidal flats, peat shoreline, marsh Human use- subsistence, commercial fishing	Vessel master should have local knowledge. Take precautions to protect the shoreline as outlined in the Alaska STAR Manual. A large population of bears are in this area. Bear guard required. Title 41 permitting required from ADNR. THREATENED OR ENDANGERED SPECIES/HABITAT POSSIBLE. Discuss with DOI prior to on-site operations. Surveyed: not yet Tested: not yet
N-15-02 	Cinder River Nearshore waters in the general area of: Lat. 57° 21.58'N Lon. 158°06.42'W	Free-oil Recovery Maximize free-oil recovery in the offshore & nearshore environment of Cinder River depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of the Cinder River. 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.	Pilot Point	Via marine waters Chart 16338	Same as N-15-01	Vessel master should have local knowledge. Use extreme caution, shallow waters with shifting channels and bars.

NOTE: Sensitive resource information can be found on other maps which can be accessed through the sensitive area section of the Bristol Bay Subarea Contingency Plan: http://dec.alaska.gov/spar/perp/plans/scp_bb.htm.