

Map & Photo Legend



View of Square Head Cove from the southwest.



EX02c, Difficult Creek viewed from the east.



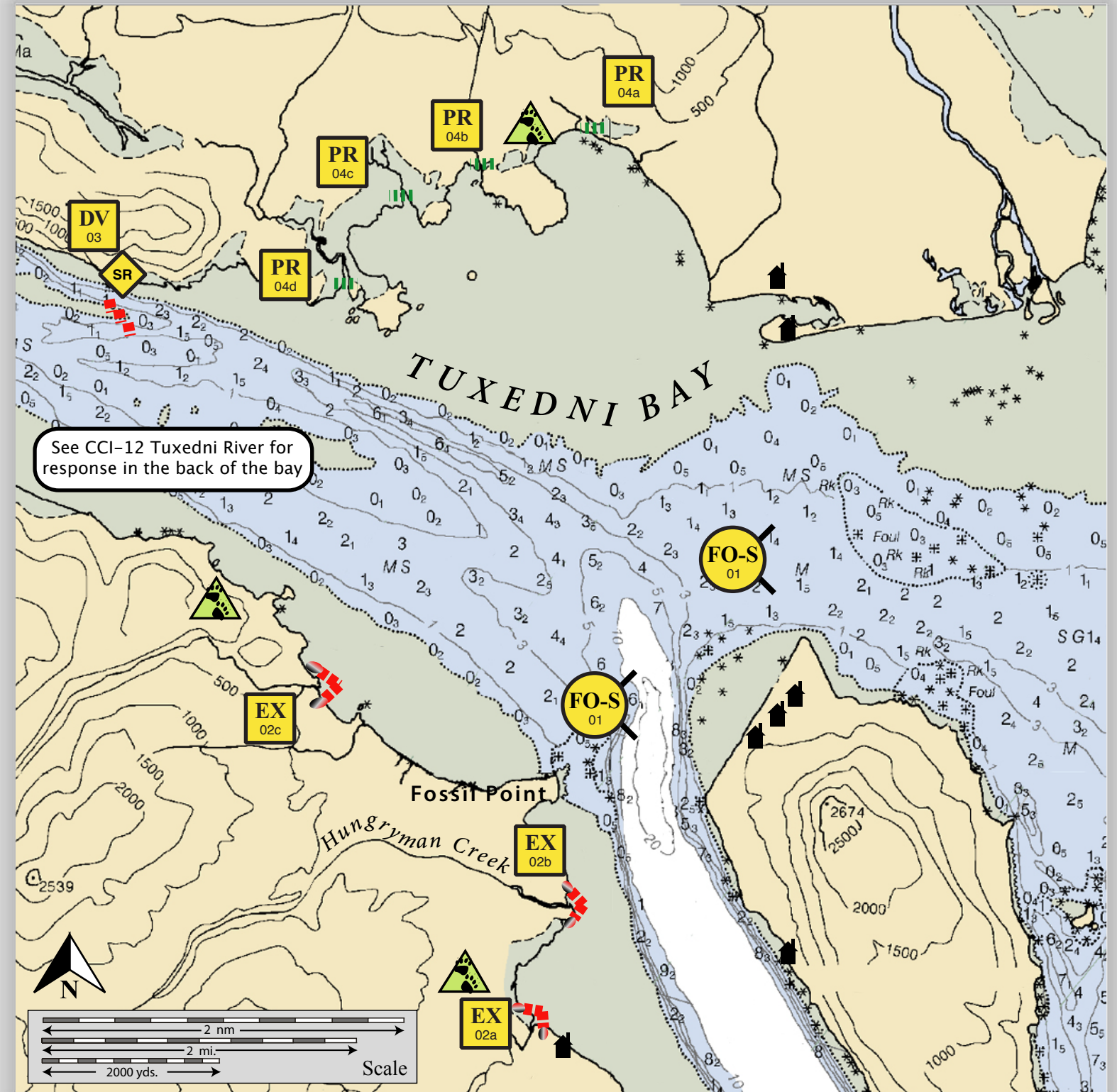
DV03 viewed from the southwest.

- Free-oil Recovery
- Diversion Booming
- Passive Recovery
- Exclusion Booming
- Shoreside Recovery
- Tidal Seal Boom
- Protected-water Boom
- Passive Recovery Boom
- Private Cabins
- Bears in Area - Guards Needed





Geographic Response Strategies for Central Cook Inlet/Lake Clark National Park

Tuxedni Bay, CCI-26

Center of map at 60° 11.10' N Lat., 152° 40.29' W Lon.



This is not intended for navigational use.

ID	Location and Description	Response Strategy	Implementation	Response Resources	Staging Area	Site Access	Resources Protected (months)	Special Considerations
CCI-26-01 	Tuxedni Bay Nearshore waters in the general area of: Lat. 60° 13.90 N Lon. 152°51.39 W	Free-oil Recovery Maximize free-oil recovery in the offshore & nearshore environment of Tuxedni Bay depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of Tuxedni 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.	Homer Harbor	Via marine waters Chart 16661-1	Same as CCI-26-02	Vessel master should have local knowledge. Use extreme caution, shoal waters with numerous reefs and rocks.
CCI-26-02 	Tuxedni Bay Bear Creek Lat. 60° 08.16 N Lon. 152°41.14 W Hungryman Creek Lat. 60° 09.54 N Lon. 152°40.95 W Difficult Creek Lat. 60° 10.65 N Lon. 152°44.14 W	Exclusion Exclude oil from impacting the identified stream and intertidal area in Tuxedni Bay.	Deploy anchors and boom with skiffs (class 6). For all the arrays place a 100 ft. section of tidal seal boom on each shore and complete the exclusion with the specified amount of protected-water boom. Tend throughout the tide. <u>Boom Lengths:</u> a. 200 ft. b. 200 ft. c. 800 ft.	Deployment Equipment 1200 ft. protected-water boom 600 ft. tidal-seal boom 9 ea. anchor systems 12 ea. anchor stakes Vessels 1 ea. class 4 1 ea. class 6 Personnel/Shift 5 ea. vessel crew 4 ea. response techs Tending Vessels 1 ea. class 6 Personnel/Shift 2 ea. vessel crew 4 ea. response tech	Vessel platform	Via marine waters Chart 16661-1	Fish- intertidal spawning- salmon (May-Sept.), herring spawning (April-May) Birds-waterfowl concentration, shorebird concentrations Marine mammals-seals Human use-commercial fishing, high recreation use Habitat- marsh, sheltered tidal flats.	During winter months formation of pan ice in the bays may occur during colder periods. In the event of ice conditions, focus on free-oil recovery. Title 41 permitting required from ADNR. Local bear viewing lodges and setnet fishermen may provide local knowledge and support for operations. Site surveyed: 9/11/10 Title 41 permitting required from ADNR. Tested: not yet
CCI-26-03 	Tuxedni Bay Lat. 60° 13.59 N Lon. 152°47.26 W	Divert and Collect Divert oil to shore-side collection points determined by spill source and trajectory.	On a rising tide, deploy anchors and boom with skiffs (class 6). Place 5 x 300 ft. sections of protected-water boom at in a cascaded fashion and with sufficient angle to divert incoming oil to the collection site. Set-up collection site using a shore-side collection unit or if oil volume is minimal, use sorbent boom/pads or snare line to collect oil. Tend throughout the tide.	Deployment Equipment 1500 ft. protected-water boom 15 ea. small anchor systems 2 ea. anchor stakes 1 ea. shore-side collection unit or sobents Vessels/Personnel/Shift Same as CCI-26-02 Tending Vessels/Personnel/Shift Same as CCI-26-02	Vessel platform	Via marine waters Chart 16661-1	Same as CCI-26-02	Vessel master should have local knowledge. A large population of bears forage on the tidal flats in the spring/summer and during salmon runs. A bear guard is required during these periods. Take appropriate measures as outlined in STAR Manual -to protect the beach at the collection site. Tested: not yet
CCI-26-04 	Tuxedni Bay a. Lat. 60° 14.75 N Lon. 152°40.48 W b. Lat. 60° 14.42 N Lon. 152°41.96 W c. Lat. 60° 14.32 N Lon. 152°43.08 W d. Lat. 60° 13.82 N Lon. 152°44.01 W	Passive Recovery Place passive recovery across the channels of the small streams in Tuxedni Bay area.	On a flooding tide, use skiffs (class 6) and place and anchor 200 ft. of snare line or sorbent boom at the high water mark onshore across the small streams and channels that lead into the Tuxedni Bay. Replace as necessary to maximize the recovery.	Deployment Equipment 800 ft. snare line or sorbent boom 4 ea. anchor systems 16 ea. anchor stakes Vessels/Personnel/Shift Same as CCI-26-02 Tending Vessels/Personnel/Shift Same as CCI-26-02	Vessel platform	Via marine waters Chart 16661-1	Same as CCI-26-02	Use snare line for persistent oils and sorbent boom for non-persistent oils. Tested: not yet

NOTE: Sensitive resource information can be found on other maps which can be accessed through the sensitive area section of the Cook Inlet Sub-Area Contingency Plan: <http://www.akrrt.org/cookinletplan/cookinletplantoc.shtml>