









Kenai River, CCI-07-01 as viewed from the West.

Map & Photo Legend

-  Free-oil Containment and Recovery, Shallow Water – Located up current and up-wind to maximize recovery.
-  Diversion Booming
-  Protected Water Boom
-  Shoreside Recovery
-  Marine Recovery
-  Staging Area

Kenai River, CCI-07

Center of map at 60° 23.5' N Lat., 151° 18.0' W Lon.

Geographic Response Strategies for Central Cook Inlet Subarea



Taken from USGS Topo KENAI C4 SE
also see NOAA Chart 16662-2

Soundings in fathoms

ID	Location and Description	Response Strategy	Implementation	Response Resources	Staging Area	Site Access	Resources Protected (months)	Special Considerations
CCI-07-01	Kenai River Nearshore waters in the general area of: Lat. 60° 23.5 N Lon. 151° 18.0 W	* Maximize on-water recovery in the offshore & nearshore environment / outside the mudflats.	Deploy nearshore strike teams upwind and up current of the river mouth. Use aerial surveillance to locate incoming oil.	Multiple nearshore free-oil recovery strike teams as required to maximize interception of oil before it impacts sensitive areas.	• Kenai Harbor	Via marine waters. See NOAA Charts 16662-1 or 16662-2.	Same as CCI-07-02.	Strong tidal currents, shoal waters and rocks. Vessel master should have local knowledge.
CCI-07-02	Kenai River Located 11 mi. north of Cape Kasilof on the east side of Cook Inlet. River mouth area is strewn with rocky boulders, shoals, wrecks and other obstructions. The bars/ tide flats at the entrance are nearly dry/very shallow at low water. River bars at entrance shift and mariners are advised not to enter without local knowledge. Features include exposed tidal flats with coarse grain sand beaches and marsh habitat along river upstream. Tidal flats extend up to 2.3 mi. offshore at low water. River is tidally influenced up to 12 mi. upstream. 02A Lat. 06° 33.02 N Lon. 151° 15.73 W 02B Lat. 06° 32.79 N Lon. 151° 15.57 W 02C Lat. 06° 33.15 N Lon. 151° 14.93 W 02D Lat. 06° 33.08 N Lon. 151° 13.87 W River Channel <ul style="list-style-type: none">• Average depth at primary channels entrance 8-10 ft. at low water.• Well defined channel entrance marked with a lighted buoy.• Moderate current - average at 2+ knots.• River is approximately 1300 ft. wide at entrance and 800 ft. across upstream.	* Divert spilled product to designated onshore collection sites and to marine collection units. *Recover spilled product at designated onshore and marine collection locations. * Trained crews should haze birds out of river mouth and adjacent marsh areas, once a hazing permit is issued. Seasonal Restriction River iced-in/not navigable and shoreline is typically armored with ice from approximately November - April.	02A Place 600 ft. of diversion boom in a cascade configuration to divert spilled product to north shore collection site. Collect product with onshore collection unit. 02B Place 1200 ft. of diversion boom in a cascade configuration to divert spilled product to marine collection unit. Collect product with marine collection unit near center channel at river entrance. 02C Place 600 ft. of diversion boom in a cascade configuration Collect product with marine collection unit near north shore. 02D Place 600 ft. of diversion boom in a cascade configuration. Collect product with marine collection unit near east-shore.	Equipment 18 ea. 200 ft. river boom units 2 ea. onshore skimming systems 3 ea. marine collection units 72 ea. 40 + lb. anchor systems 2 ea. onshore storage units 3 ea. marine storage units 1 ea. Nearshore free-oil recovery unit 2 ea. additional transfer pump with hoses 7000 ft. line 1 ea. wildlife hazing kit Support 12 ea. vessel class #3-6 2 ea. shelters 2 ea. vacuum trucks Trucks with trailers Personnel/Shift 35 ea. deploy & set-up 35 ea. tend & maintain	• Onshore collection site area from Spruce Street access off N. Spur Highway • Snug Harbor processors • City boat launch • Services - all available • Security - available • Support - available locally • Docks <ul style="list-style-type: none">- City boat launch- Snug Harbor processors dock	FOSC Historic Properties Title 16 permit may be required to work inside river. Contact Environmental Unit of the Unified Command for permit. REPORT any cultural resources found during operations to the FOSC Historic Properties Specialist. Marine access with vessels from offshore with +1 tide or higher. Road access to onshore collection/staging from Spruce Street, Salamatof facilities and access from South shore beach parking area off Cannery Road. Boat launch at city launch off bridge access road. Helicopter on beach. Seasonal Restriction River iced-in/not navigable and shoreline is armored from approximately November - April. Possible winter access restrictions due to roads not being maintained.	• Tidal marshes (all year) • Salmon migration and spawning (May - October) • Intertidal salmon spawning (July - September) • Waterfowl and shore bird concentrations (May - September) • Subsistence fishing (July - September) • Heavy recreational use (June - September)	• Very difficult and unsafe to protect exposed tidal flats outside river mouth. • Working on banks of the river may be difficult due to mud. Take care not to work or walk on oiled shoreline, to avoid driving oil into the soils. • Access above intertidal area will have to be resolved with landowners before setting anchors or staging areas. • Heavy recreational & commercial use during summer months. • Beluga Whale concentrations, as well as migratory waterfowl.
CCI-07-03	Kenai River Nearshore waters in the general area of: Lat. 60° 33.1 N Lon. 151° 14.4 W	* Intercept oil which escapes diversion units.	Deploy in-river nearshore free-oil recovery strike team.	1 ea. nearshore free-oil recovery strike team	Kenai Harbor	Via marine waters. See NOAA Charts 16662-1 or 16662-2.	Same as CCI-07-02.	Strong tidal currents, shoal waters and rocks. Vessel master should have local knowledge.