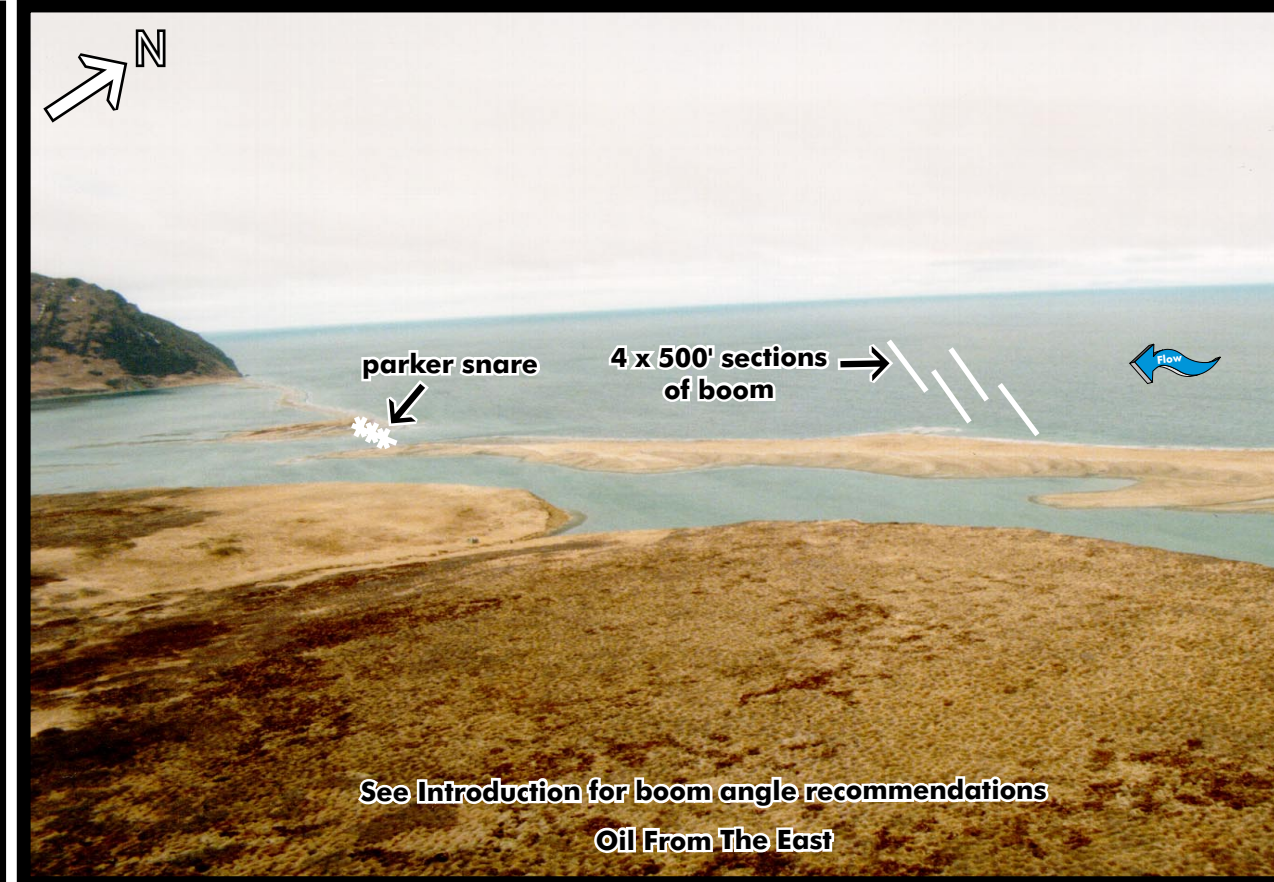




# Kodiak GRS K-10

## Sturgeon River



**Latitude/Longitude:** N 57° 33' 56" / W 154° 32' 2"

**Location:** Sturgeon River, Karluk. NOAA Chart No. 16599, USGS Karluk C-2 quad.

**Response Objective:** Deflect oil away from the mouth of the Sturgeon River.

**Shoreline Characteristics:** Sheltered tidal flats, mixed sand and gravel beaches and salt marsh.

**Site Access:** Sturgeon River is accessible by float planes, helicopter and vessel.

**Staging Area:** Karluk landing strip.

**AS THE CIRCUMSTANCES OF THE EMERGENCY ALLOW:**

- A. Response Strategy:**
1. Maximize on-water recovery in the off shore-near shore environment.
  2. Beginning at the high tide line on the shore approximately 1500' north or south (depending on tide/current/spill source) of the mouth of the Sturgeon River, deploy the first 500' section of boom by anchoring one end on the shore. Additional anchors necessary in rough weather (wind/current).
  3. Use vessels of opportunity to tow the other end out, stretch it tightly and drop the anchor to hold. Adjust the angle of the boom to account for high/low winds or current to prevent entrainment.
  4. Once the angle of the boom segments is established, deploy the remaining three segments of boom in the same manner as the first (see diagram).
  5. Deploy Parker snare on a rope across river to capture floating oil.
  6. Be aware of changes in tides, winds and currents.

**B. Response Considerations:**  
This strategy is designed to protect Sturgeon River. Monitor situation closely to designate recovery points to minimize shoreline impact.

**C. Historic Properties Considerations:**  
REPORT any cultural resources found during operations to the FOSC Historic Properties Specialist.

**Currents, Tides & Winds:** Winds variable with northwest winds prevailing. Evaluate wind speed/direction at time of response. Average tidal range is 15 ft. Consult local charts for tides.

**Wildlife Considerations:** Sturgeon River supports runs of all five Alaskan salmon species. Salmon runs begin in May and occur continuously through November. Sturgeon River also has seabird and eagle concentrations as well as occasional Brown Bear. Tundra swans, Emperor and snow geese, plus brant during fall and spring migrations. Sea otters occasional.

**Risk Factors:** Spill risks include vessel traffic around Karluk and in Shelikof Strait.

**Human Use:** Subsistence salmon fishing, clam harvesting and crabbing. Sport and commercial salmon fishing.

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EQUIPMENT RECOMMENDED		NEAREST EQUIPMENT (Larsen Bay)	
QUANTITY	DESCRIPTION	QUANTITY	DESCRIPTION
2000'	8" x 10" Boom	3000'	8" x 10" Containment boom
8	40 lb boom anchors	1200'	17" x 19" Sorbent pads (3M)
4	Tow bridles	30	Sorbent sweep bundles
1000'	Parker snare on rope	150'	Parker snare on rope
2 (min)	Class 5 or higher vessels	12	Tow bridles
		36 rolls	Heavy duty bags
		3	Wringers
		3	Overpack drums
			No anchors

Refer to Kodiak Subarea Contingency Plan for additional regional equipment lists.

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