



Kodiak GRS K-7

Akhiok



Latitude/Longitude: N 56° 58' 20" / W 154° 10' 44"

Location: Akhiok, Kodiak Island. NOAA Chart No. 16591, USGS Trinity Island D-1 Quad.

Response Objective: To contain a worst case discharge in Akhiok.

Shoreline Characteristics: Sheltered rocky shores, scarps.

Site Access: Akhiok is accessible by float plane, fixed wing aircraft, vessel and helicopter. The spill location is accessible from Akhiok road system.

Staging Area: Akhiok.

AS THE CIRCUMSTANCES OF THE EMERGENCY ALLOW:

A. Response Strategy:

1. Maximize on-water recovery in the off shore-near shore environment.
2. Utilize necessary vehicles to transport sections of boom, sorbent pads, sorbent sweep and heavy duty bags from the connex box to the spill location.
3. Beginning at the high tide line on the shore anchor each end of the boom, as shown, then use vessel of opportunity to tow out the mid-point of the boom to form halfmoon. Anchor midpoint and repeat process to form secondary containment.

4. Utilize available manpower to begin recovery. Use sorbent pads and sorbent sweep to recover product as it comes to shore. Seal boom to shore using sorbents. Ensure appropriate personnel protective equipment is used (refer to site safety plan).

5. Pumps and hoses can be used to low pressure flush stranded product off the shore and to direct the product in the water to a recovery location.

6. If time allows, construct an interception trench between the source and the shore to collect product.

B. Response Considerations:

Spilled fuel would be a combination of gasoline, diesel and heating fuel and therefore very flammable. Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). During response, do not touch or walk through spilled material. Vapors may collect in low lying areas creating vapor explosion hazards. If available, use clean non-sparking tools to collect recovered material.

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 12 ft. Consult local charts for tides.

Wildlife Considerations: This area supports seabird and duck concentrations. Steller's and king eiders, other sea duck, Emperor geese, and bald eagles. Low densities of sea otters.

Risk Factors: Spill risks include vessel traffic through Gulf of Alaska.

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

Note: Tanks in photograph are not in use. Akhiok is currently using fuel tanks at Prior Point (not pictured).



EQUIPMENT RECOMMENDED		NEAREST EQUIPMENT (Akhiok)	
QUANTITY	DESCRIPTION	QUANTITY	DESCRIPTION
600'	8" x 10" Boom	2000'	8" x 10" Containment boom
6	40 lbs anchors	800'	17" x 19" Sorbent pads (3M)
2	Tow bridles	20	Sorbent sweep bundles
1 (min)	Class 5 vessels	100'	Parker snare on rope
		8	Tow bridles
		24 rolls	Heavy duty bags
		2	Wringers
		2	Overpack drums
			No anchors

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Developed By: TECHNICAL RESPONSE PLANNING CORPORATION
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Refer to Kodiak Subarea Contingency Plan for additional regional equipment lists.

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