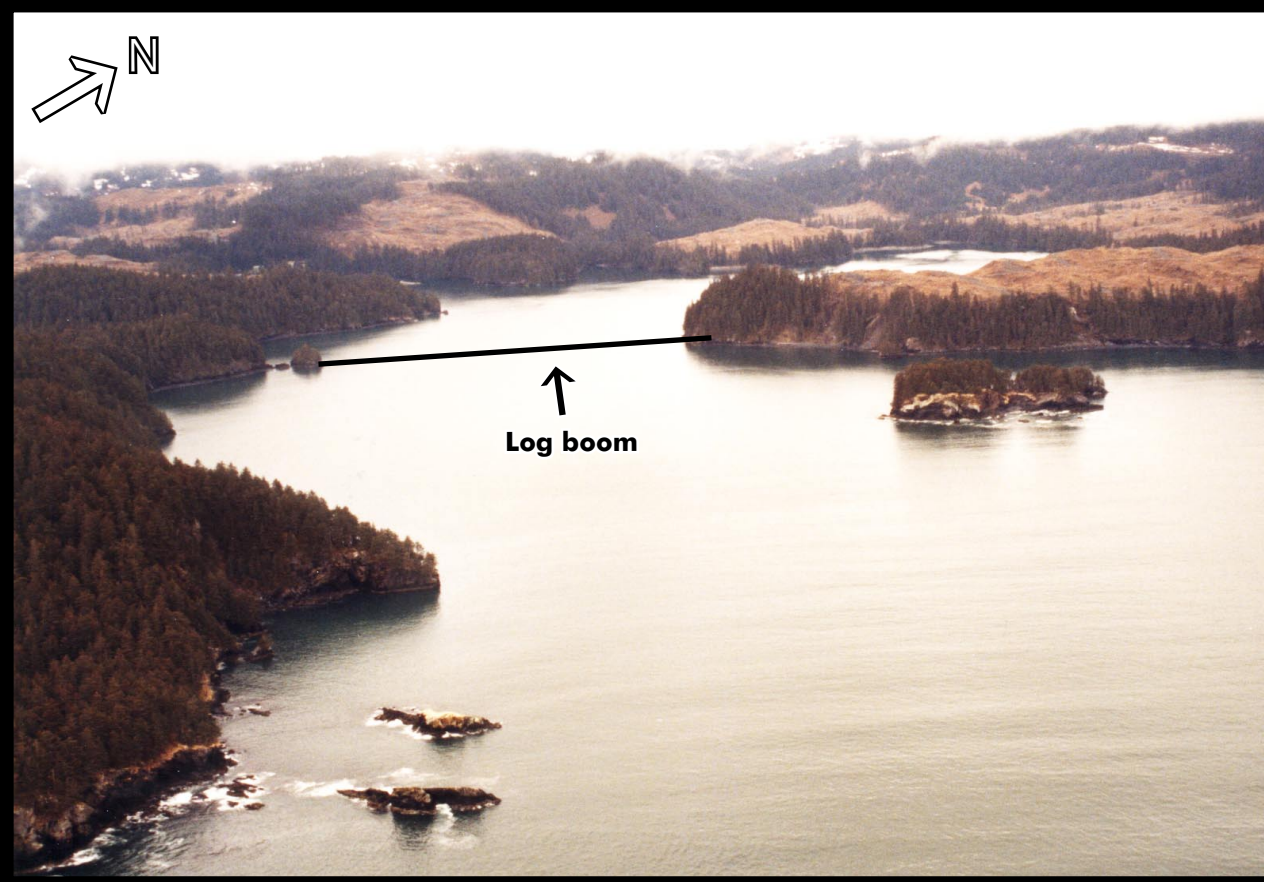




Kodiak GRS K-18

Kitoi Bay Jaws



Latitude/Longitude: N 58° 11' 32" / W 152° 21' 34"

Location: Kitoi Bay, Afognak Island. NOAA Chart No. 16594, USGS Afognak A-2 Quad.

Response Objective: Prevent oil from entering inner portions of Kitoi Bay.

Shoreline Characteristics: Sheltered rocky shores, scarps.

Site Access: Kitoi Bay is only accessible by helicopter, vessel or float plane.

Staging Area: Kitoi Bay Hatchery has a small dock with a crane (1500 to 3000 lbs capacity) and a back hoe, limited storage space. The hatchery has a small bunkhouse with lodging for 17 people and kitchen facilities.

AS THE CIRCUMSTANCES OF THE EMERGENCY ALLOW:

A. Response Strategy:

1. Maximize on-water recovery in the off shore-near shore environment.
2. Acquire locally 57, 70' sections of limbless trees.
3. Join trees end-to-end leaving one foot between them using chains and chain staples.
4. Create a vessel gate in the center of the log boom using two chains and two shackles.
5. Secure log boom to the north and south shorelines using tow bridles.
6. Drape geotextile over the log boom and attach clip on weights.
7. Attach two anchors to the log boom place each 1/3 the distance off either shoreline.

B. Response Considerations:

This strategy is designed to protect Kitoi Bay and Kitoi Bay Hatchery. Monitor situation closely to designate recovery points to minimize shoreline impact. Contact hatchery for current information on fry rearing and release.

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. Contact hatchery for information on current weather and wind speed/direction. Consult local charts for tides. Tidal range in Kitoi Bay may be as much as 15 ft.

Wildlife Considerations: Kitoi Bay supports runs of all five Alaskan salmon species and is also a herring spawning location. Salmon runs begin in May and continue through November. The most common marine mammals are sea otters and harbor seals. Kitoi Bay also has seabird and eagle concentrations as well as occasional brown bears. Hatchery-related activities most vulnerable to spill damage include fry rearing and release, terminal harvests, and egg takes. The timing of these activities varies by species, however spring and summer tend to be the most critical and vulnerable seasons. "Peak" salmon egg take time at the hatchery is between August 15 and September 15.

Risk Factors: Upland fuel storage at hatchery (12,000 gallon capacity diesel tank). Freight vessel/log ship traffic in and out of nearby Kazakof Bay.

Human Use: Kitoi Bay Hatchery is a commercial fish hatchery funded by the Kodiak Regional Aquaculture Association (KRAA). The hatchery produces pink, chum, sockeye and coho salmon for the enhancement of Kodiak commercial salmon fisheries and to create additional fisheries along the Kodiak road system. Other uses include subsistence salmon fishing, clam harvesting, crabbing, and sport salmon fishing.

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EQUIPMENT RECOMMENDED		NEAREST EQUIPMENT (Hatchery)	
QUANTITY	DESCRIPTION	QUANTITY	DESCRIPTION
57	70' Trees	6000'	12" x 14" Containment boom
	Chain and chain staples	8	Tow bridles
10	60 lb danforth anchor	10	60 lb danforth anchor systems
	systems	2	100 lb danforth anchor
	Geotextile for log boom		systems
320	Clip on weights for geotextile	8000'	Viscous sweep
2 (min)	Class 3 or 4 vessels	6	ISO connex boxes
		320	Clipon weights for geotextile
			boom
			Geotextile for log boom
			Chain and chain staples
Refer to Kodiak Subarea Contingency Plan for additional regional equipment lists.			

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