

RESOURCES AT RISK SUMMARY

Substitute ICS 232-OS form

1. Incident Name: Drift River Facility Flooding
2. Operational Period: from March 27, 2009, 1:00 pm, until revised
3. Environmentally-Sensitive Areas and Wildlife Issues

Site No.	Priority	Site Name / Physical Location	Site Issues
1	HIGH	Redoubt Bay Critical Habitat Area, located north of the Drift River Facility (see attached map)	<ul style="list-style-type: none"> • Waterfowl concentrations in spring and fall, throughout the critical habitat area, and south to Harriet Point, inclusive of the Drift River Facility. • Waterfowl molting concentrations, throughout the critical habitat area, and south to Katchin Creek, inclusive of the Drift River Facility. • Anadromous fish in streams and lakes, including in Drift River • Shorebird concentrations in spring and fall, throughout the critical habitat area, and south, inclusive of the Drift River Facility. • Harbor seal haulout concentrations, at least 1 site within the critical habitat area. • Brown bear concentrations in summer and fall, throughout the critical habitat area, and south, inclusive of the Drift River Facility. • Black bear concentrations in spring, throughout the critical habitat area, and south, inclusive of the Drift River Facility. • Beluga whale feeding in nearshore waters.
2	HIGH	Kalgin Island and Kalgin Island Critical Habitat Area, located southeast of the Drift River Facility in Cook Inlet	<ul style="list-style-type: none"> • Harbor seal haulout concentrations, at least two sites • Streams and lakes with anadromous fish • Waterfowl concentrations in spring and fall

3	HIGH	Trading Bay State Game Refuge, located north of Redoubt Bay Critical Habitat Area	<ul style="list-style-type: none"> • Waterfowl concentrations in spring, along the coast and up to three miles inland • Waterfowl concentrations in fall, throughout the refuge. • Waterfowl concentrations during molting, throughout the refuge. • Bear concentrations in spring, throughout the refuge • Streams and lakes with anadromous fish • Shorebird concentrations in spring and fall, throughout the refuge. • Beluga whales feeding in nearshore waters. • Seabird concentrations, McArthur Flats.
4	HIGH	Clam Gulch Critical Habitat Area, located across Cook Inlet from the Drift River Facility to the east	<ul style="list-style-type: none"> • Waterfowl concentrations in spring, in area between Clam Gulch and Kasilof. • Waterfowl concentrations in fall, in area north and west of Kasilof. • Waterfowl concentrations in winter, near Cape Starichkof • Streams and lakes with anadromous fish • Razor clam concentrations, along coast from Cape Kasilof south to Cape Starichkof. • Seabird concentrations near mouth of Kasilof River.
5	HIGH	Mouth of the Kenai River, located across Cook Inlet from the Drift River Facility to the east	<ul style="list-style-type: none"> • Waterfowl concentrations in spring and summer • Beluga whale concentrations in spring, summer and fall, at the mouth of the Kenai River and in the marine environment outside of the mouth. • Anadromous fish streams. • Shorebird concentrations in spring at the mouth of the Kenai River. • Seabird colonies are found at the mouth of the Kenai River.

Narrative

Other most environmentally sensitive areas in Cook Inlet, further from the Drift River Facility, but still situated in the path of a potential oil spill include:

- Barren Islands
- Chinik Head to Silver Beach (Kamishak Bay)
- Susitna Flats and Susitna Flats State Game Refuge
- Anchorage Flats and Anchorage Coastal Wildlife Refuge
- Goose Bay State Game Refuge
- Palmer Hay Flats State Game Refuge
- Kachemak Bay Critical Habitat Area and Fox River Critical Habitat Area

A map showing environmentally sensitive areas for spring (April – May) can be found at: <http://www.asgdc.state.ak.us/maps/cplans/cook/PDFS/SPRING.PDF>

Individual maps of most environmentally sensitive areas for Cook Inlet can be accessed at:

<http://www.asgdc.state.ak.us/maps/cplans/subareas.html#cook>

4. Archaeo-cultural and Socio-economic issues: Archaeo-cultural issues are being reported upon by ADNR. The following subsistence and personal use harvest information has been supplied by ADF&G – Subsistence Division.

Site No.	Priority	Site Name / Physical Location	Site Issues
1	HIGH	Cook Inlet	<ul style="list-style-type: none">• Non-commercial, personal use net fisheries for salmon.• Subsistence set gill net salmon fisheries in Tyonek Subdistrict, around Seldovia, and in the Port Graham and Koyuktoluk subdistricts.• Significant marine subsistence fisheries (halibut, rockfish, cod) around Seldovia, and in the Port Graham and Koyuktoluk subdistricts.• Marine mammal hunting for harbor seals, sea lions, and sea otters takes place in lower Cook Inlet.• Subsistence bird hunting, lower Cook Inlet.• Very significant subsistence harvests of marine invertebrates in areas outside the nonsubsistence areas of lower Cook Inlet.• Significant personal use fisheries for clams.

Prepared by: Gayle Martin, ADF&G – Habitat, on March 27, 2009 at 1:00 pm.