



ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Division of Spill Prevention and Response
Prevention Preparedness and Response Program
SITUATION REPORT (SITREP)

Kitoi Bay Diesel Release

SITREP #: 1

SPILL #: 19239932401

TIME/DATE OF DISTRIBUTION: 12:00 p.m., November 26, 2019

POTENTIAL RESPONSIBLE PARTY (PRP): Kodiak Regional Aquaculture Association (KRAA)

INCIDENT LOCATION: Kitoi Bay Hatchery, Afognak Island, 58.191663, -152.36379

TIME/DATE OF SPILL: Between November 20th to 22nd, 2019

HOW/WHEN SPILL WAS DISCOVERED AND REPORTED: KRAA reportedly discovered the spill on Friday, November 22nd. KRAA notified the Alaska Department of Environmental Conservation (ADEC) at 3:30p.m. on November 22, 2019. Diesel fuel was observed seeping from the north bank of the Big Kitoi River, at the facility.

TYPE/AMOUNT OF PRODUCT SPILLED: KRAA reported between 800 and 1,200 gallons of diesel were released.

CAUSE OF SPILL: A break in a one-inch distribution line serving the facility. The most recent transfer in the line was November 20th. Diesel migrated below the ground surface from the break in the distribution line under structures and a road to the river bank.

SOURCE CONTROL: The distribution line is isolated from the tank and the break in the line was uncovered and repaired.

RESPONSE ACTION: Trained KRAA responders deployed containment boom and absorbents and activated Chadux Corporation (Chadux), an oil spill response organization, on November 22nd. Chadux arrived at the hatchery on Saturday November 23rd. Two United States Coast Guard (USCG) and one ADEC responder arrived on scene to assess the situation on Saturday November 23rd. A Unified Command comprised of KRAA, USCG, and ADEC formed to respond to the spill and coordinate with state and federal resource agencies and other stakeholders. Currently there are three Chadux responders on site and several HAZWOPER-trained KRAA personnel maintaining the containment boom and conducting wildlife observations.

RESOURCES AT RISK OR AFFECTED:

The Kitoi Bay Hatchery, managed by the Kodiak Aquaculture Association, provides enhanced common property salmon fishing opportunities for Kodiak Management Area (KMA) fishermen by increasing returns of pink, chum, coho, and sockeye salmon through broodstock development, egg takes, incubation, hatching, rearing, and releasing juvenile salmon, primarily to the Kitoi Bay area. There are currently no fish in the hatchery's marine pens.



Kitoy Bay is designated as Essential Fish Habitat for many groundfish, rockfish, and all five species of Pacific salmon. Big Kitoy River is an anadromous stream for chum spawning and rearing, coho and pink spawning, and sockeye are present.

Kodiak Archipelago is a wintering concentration area for sea birds, sea ducks (waterfowl), and shorebirds including ESA-listed threatened Steller's eiders. Chadux has deployed passive hazing tactics to keep birds out of the impacted area and is working on a permit for active hazing if that becomes necessary.

The spill is within the boundaries of the United States Fish and Wildlife Service (USFWS) Alaska National Maritime Refuge.

The Kitoy Bay Hatchery and associated spill and response efforts occur within designated Steller sea lion critical habitat. The Steller sea lions present at the site are listed as endangered under the Endangered Species Act (ESA). Harbor seals are also anticipated to occur regularly at this site. In addition to sea lions and seals, humpback whales, harbor porpoise, minke whales, killer whales and Dall's porpoise may occur near the spill site (some humpback whales in this are listed as threatened or endangered). Fin whales, sperm whales, and North Pacific right whales, which are all listed as endangered, may occur further offshore of the spill site. Kitoy Bay is southwest AK stock sea otter, ESA-listed as threatened, Critical Habitat; otters are expected to be present in the area.

FUTURE PLANS AND RECOMMENDATIONS: Chadux and hatchery responders will continue to maintain containment boom, use absorbent sweep and boom for passive recovery of free product in the water, use a drum skimmer to actively recover free product, and monitor for wildlife. The spill occurred on land and migrated underground beneath dense infrastructure to where it is seeping from the bank. To facilitate the recovery of as much diesel as possible responders will begin flushing the soil near the source area to move product into on-water containment for recovery.

WEATHER: From Tuesday, November 26th through Friday, November 29, temperatures are forecasted to range from low 30s to low 40s. There is a chance of snow on Tuesday with rain and rain showers throughout the week until Friday.

TIDES:

Approximate tides	Tuesday 26 th	Wednesday 27 th	Thursday 28 th	Friday 29 th
High (low)	01:44	02:31	03:16	04:02
Low (high)	07:17	07:59	08:40	09:21
High (high)	13:20	13:59	14:38	15:17
Low (low)	20:13	20:54	21:35	22:16

UNIFIED COMMAND:

Incident Commander: Kodiak Regional Aquaculture Association
 State On-Scene Coordinator: ADEC
 Federal On-Scene Coordinator: USCG

TIME/DATE OF THE NEXT REPORT DISTRIBUTION: As situation warrants

FOR ADDITIONAL INFORMATION CONTACT:

<https://dec.alaska.gov/spar/ppr/spill-information/response/>

Lisa Krebs-Barsis, State On-Scene Coordinator representative, ADEC (907) 269-8487.

KITOI BAY HATCHERY AND CONTAINMENT BOOM



PHOTOGRAPH COURTESY OF KELLY KRUEGER, BIOLOGIST, SUN'AQ TRIBE- NOVEMBER 25, 2019

AGENCY/STAKEHOLDER NOTIFICATION LIST: This situation report was distributed to the agencies listed on the standard distribution list, which includes the governor's office, State Emergency Operations Center, U.S. Department of the Interior, National Marine Fisheries Service, U.S. Fish and Wildlife Service, and other state agencies. This situation report was also distributed to the following agencies and stakeholders:

AGENCY / STAKEHOLDER	NAME	SENT VIA	ADDITIONAL INFORMATION	TELEPHONE	FAX
Kodiak Regional Aquaculture Association	Trent Dodson, Incident Commander	Email			
Senate P	Senator Gary Stevens	Email	senator.gary.stevens@akleg.gov Juneau (1/18-4/15) Kodiak (4/20-1/15)	465-4925 486-4925	465-3517 486-5264
House 32	Representative Louise Stutes	Email	representative.louise.stutes@akleg.gov Juneau (1/18-4/15) Kodiak (4/20-1/15)	465-2487 486-8872	465-4956 486-5264
USCG MSD/Kodiak	USCG -Office	Email	msdkodiak@uscg.mil	486-5918	
USCG Sector Anchorage		Email			
US EPA	Bob Whittier	Email	whittier.robert@epa.gov	206-553-1263 or 206-553-1264	271-3424
ADFG	Jeanette Alas	Email	Jeanette.alas@alaska.gov		
ADNR	Ben Hagedorn	Email	Ben.Hagedorn@alaska.gov		
Koniag Inc.	Peter Olsen	Email		486-2530	486-3325
Afognak Native Corporation	Natasha Hayden	Email			
Ouzinkie Native Corporation	John Sturgeon	Email			