

ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Division of Spill Prevention and Response
Prevention and Emergency Response Program

SITUATION REPORT

INCIDENT NAME: Drill Site 2H Produced Water Spill **SITREP #:** 6

SPILL NUMBER: 05399908501 **LEDGER CODE:** 14101860

TIME/DATE OF SPILL: The release was discovered on Saturday March 26, 2005 at approximately 10:30 AM by ConocoPhillips Alaska, Inc. (CPAI) personnel, and reported to ADEC at 11:05 am by CPAI.

TIME/DATE OF SITUATION REPORT: 10:00 AM on Friday April 15, 2005.

TIME/DATE OF THE NEXT REPORT: As the situation warrants.

TYPE/AMOUNT OF PRODUCT SPILLED: CPAI reports that the approximately 111,300 gallons (2,650 barrels) of a mixture of 30% seawater and 70% produced water was released to both gravel pad and tundra. Produced water is a mixture of water and crude oil.

LOCATION: The release occurred at Drill Site 2H, which is in the Kuparuk oil production field. Kuparuk is approximately 40 miles west of the Prudhoe Bay oil field on the North Slope of Alaska.

CAUSE OF SPILL: The source of the spill is a 6-inch produced water/seawater injection line that transports water from the Central Processing Facility #2 (CPF-2) to Drill Site 2H for injection. CPAI reported to ADEC that the cause of the Kuparuk 2H produced water spill was attributed to internal corrosion of the injection water pipeline.

POTENTIAL RESPONSIBLE PARTY (PRP): ConocoPhillips Alaska, Inc.

RESPONSE ACTION: Flushing activities have been successful as closure has been achieved in 2 cells (#2 & #5). Closure is achieved when the field screening indicate low levels of conductivity. The Kuparuk lab then verifies the field screening values. After the Kuparuk lab confirms low levels of conductivity a third party lab Arctic Fox from Deadhorse performs further confirmation /closure sampling and analysis. Operations today will include the continuation of flushing efforts in cell #3, #7, and #8. Confirmation sampling will be performed tomorrow on cell #6 and possibly #8.

A 24-hour cleanup operation is still in effect. Spill response contractors currently working at the spill site include Alaska Clean Seas (ACS), CCI, PENCO, Trident, and the Village Response Team (VRT). Today the daytime cleanup team will consist of 32 spill response members, and the night-time cleanup team will consist of 22 spill responders. One Arctic Energy Services (AES) supersucker is working the day shift and three are working the night shift. Two additional VECO supersucker vac trucks are working both days and nights. One Peak 325 barrel vac-truck is hauling warm water from Prudhoe Bay. Five AES 325 barrel vac-trucks are also being used to provide warm flush water from Kuparuk.

The total amount of product, snow melt, and flushing water recovered from the spill site is estimated as 1,258,656 gallons (29,968 barrels). The recovered fluids are being injected down a class II injection well.

The failed pipeline was removed and has been replaced. The pipeline was hydro-tested for leaks yesterday and no leaks were detected. A plan is being developed to seal the pipeline culvert. The culvert has been cleaned, but some residual contamination may still be present.

SOURCE CONTROL: The pipeline was de-pressurized and later de-inventoried (removal of all liquids). After being de-inventoried, the pipeline was blinded at both ends.

RESOURCES AFFECTED: The impacted area of the release is about 2.24 acres of snow-covered tundra and a small area of gravel near the manifold building.

Kalubik Creek is located approximately ½ mile west of the spill site, a Spectacled Eider nesting area is approximately ½ mile north-east of the spill site, and an environmentally sensitive area has been identified approximately ½ mile south-east of the spill site. None of these areas have been impacted.

Arctic foxes and ravens have been observed near the spill area. However no oiled wildlife has been observed.

FUTURE PLANS AND RECOMMENDATIONS: Continue flushing the spill site with warm fresh water, to aid in the removal of spilled material from the tundra. Ensure cleanup /closure of cells #3, #4, #6, #7, and #8. Fluids will continue to be recovered with a vacuum truck and injected.

WEATHER: Scattered clouds, temperature -9 ° F, with an east north east wind of 13mph resulting in a -30° F wind chill.

UNIFIED COMMAND AND PERSONNEL:

Incident Commander: Glynn Jones, CPAI
 F.O.S.C. : Carl Lautenberger, USEPA
 S.O.S.C. : Ed Meggert, ADEC

FOR ADDITIONAL INFORMATION CONTACT: Amanda Leffel (907) 451-2175 or Ed Meggert (907) 451-2124. Photographs and other spill information are available for viewing at:
http://www.state.ak.us/dec/spar/perp/response/sum_fy05/050326301/050326301_index.htm

AGENCY/STAKEHOLDER NOTIFICATION LIST

This sitrep has been distributed via email to the Governor's office, ADF&G, ADNR, SECC, USEPA, USDOJ, NMFS, USFWS, and USFS in addition to the following.

STATE AGENCY	NAME	SENT VIA	ADDITIONAL INFO	TELEPHONE	FAX
ADNR	Leon Lynch/ Gary Schultz/ Larry Byrne	Fax		451-2724/ 451-2732	451-2751 or 659-2965
ADNR (Habitat)	Al Ott/Jack Winters	Fax		459-7285 or 459-7279	456-3091
AOGCC		Fax			276-7542
Attorney General Office	Cam Leonard/ Mary Lundquist	Fax		451- 2811/451- 2914	451-2985
OTHER	NAME	Sent Via	Session/Interim	Telephone	Facsimile
USEPA	Carl Lautenberger	Fax		271-3616	271-3424
Legislator (House 40)	Reggie Joule (D)	Fax	Kotzebue	465-4833 or (800) 782- 4833	465-4586
Legislator (Senate T)	Donnie Olson (D)	Fax	Nome	465-3707	465-4821
North Slope Borough		Fax	Mayor	852-0200	852-0337
Senator Murkowski's Washington DC Office		Fax	North Slope only	(202) 224- 6665	(202) 224- 5301
Senator Murkowski's Office in Fairbanks		Fax	North Slope only	456-0233	451-7146