

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 #:** 5

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: 4:00 PM on Monday April 4, 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. The leak appears to be located in the below-grade section of the cased pipeline located under the gravel pad. The exact cause of the leak is yet to be determined. A line excavation and inspection may be required before the cause can be determined.

POTENTIAL RESPONSIBLE PARTY (PRP): CPAI

RESPONSE ACTION: One DEC responder is currently in Kuparuk as part of the Incident Management Team (IMT) as well as to oversee cleanup and disposal activities. A 24-hour cleanup operation is in effect. DEC is monitoring both the day and night shifts. A repair plan for the pipeline is being developed. Plans are to remove the possibly ruptured pipeline from the piping culvert today to determine the cause of the release.

Spill response contractors currently working at the spill site include Alaska Clean Seas (ACS), CCI, PENCO, and the Village Response Team (VRT). On April 4, 2005 the daytime cleanup team consists of 21 spill response members, and the night-time cleanup team will consist of 23 spill responders.

The spilled materials have been delineated and have been confirmed by field sampling. An ice berm has been constructed around the spill site to prevent any further migration of the spilled materials. Warm water flushing activities began on the evening of April 3, 2005, and trimming activities of the contaminated ice will begin today. A general plan was developed which identifies specific tasks that must be accomplished to achieve closure, and it is estimated that cleanup will be completed by the end of April 2005.

The total amount of product, snow melt, and flushing water recovered from the spill site is estimated as 84,210 gallons (2005 barrels). The recovered fluids are being injected down a class II injection well.

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. A gravel pad has also been affected by this release, and at this time it is not known how much gravel has been impacted.

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: CPAI will continue to develop repair plans for the damaged section of below-grade pipeline.

Continue flushing the spill site with warm fresh water, to aid in the removal of spilled material from the tundra. Fluids will be recovered with a vacuum truck. Trimming of the effected ice is to also continue.

WEATHER: Cloudy with light snow and fog, temperature -10 ° F, with an east wind of 10-15mph

UNIFIED COMMAND AND PERSONNEL:

Incident Commander: Paul Dubbuisson, CPAI
 F.O.S.C. : Carl Lautenberger, USEPA
 S.O.S.C. : Ed Meggert, ADEC
 Field S.O.S.C.: Walt Sandel, ADEC

FOR ADDITIONAL INFORMATION CONTACT: Amanda Leffel (907) 460-6399 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