

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 #:** 3

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: Wednesday March 30, 2005 at 4:00 PM.

TIME/DATE OF THE NEXT REPORT: Thursday March 31, 2005 at 4:00 PM

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: Two DEC responders are currently in Kuparuk to participate in the Incident Management Team (IMT) as well as to oversee cleanup and disposal activities. A 24-hour cleanup operation is in effect. DEC is staffing both the day and night shifts. A repair plan for the pipeline is being developed.

Spill response contractors currently working at the spill site include Alaska Clean Seas (ACS), CCI, PENCO, and the Village Response Team (VRT). On 3/30/05 the daytime cleanup team consisted of 20 spill response members, and the night-time cleanup team will consist of 17 spill responders. Approximately 6 additional mutual aid responders have also been incorporated in the spill response.

The spill area, with the exception of the west side (near the pipe rack elbow), has been delineated. Removal of the clean snow continues on the west side. Snow depths in that area exceed 8 feet. Alaska Department of Natural Resources (ADNR) visited the spill site this morning. In coordination with ADEC, ADNR granted approval for the use of metal-tracked heavy equipment to assist in the removal of clean snow on the west side.

Arctic Fox Laboratory has been contracted to perform field screening for conductivity around the perimeter of the site today. The lab data will confirm the accuracy of the spill delineation.

An ice pad was constructed on the 2H gravel pad to be used as an interim storage site for contaminated snow. All contaminated snow will be transferred into a snow-melter located on site. All contaminated liquids will then be injected at an approved Class II disposal well. The waste management plan was approved by ADEC on March 28, 2005. The cleanup and sampling plan was approved by ADEC on March 30, 2005.

Approximately 1,890 gallons (45 barrels) was recovered during the night shift of 3/29/05. Total product recovered is 4,620 gallons (110 bbls).

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 aerial extent of the spill on the snow-covered tundra is unknown. It is also unknown as to how much gravel has been impacted near the buried section of the pipeline.

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 impact was noted.

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

Begin 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.

WEATHER: Mostly cloudy, temperature -20 ° F, NE winds up to 5-10 mph, winds chill -27 ° F.

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.: Amanda Leffel, ADEC

FOR ADDITIONAL INFORMATION CONTACT: Amanda Leffel (907) 460-6399 or Ed Meggert (907) 451-2124.

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