

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 #:** 7 and Final

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: 2:30 PM June 1, 2005.

TIME/DATE OF THE NEXT REPORT: This is the final report.

TYPE/AMOUNT OF PRODUCT SPILLED: The initial report from CPAI was that 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. Subsequently, additional calculations based on hole size, flow rate, and pressure data analysis has re-evaluated that estimate at a reduced spill volume of 51,198 gallons (1219 barrels). 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 were successful as closure has been achieved in all cells. Closure is achieved when the field screening indicate low levels of conductivity. Conductivity is a measure of the salt (ionic) concentration of water and is used as an indicator that the saltwater spill has met cleanup levels. 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.

The total amount of product, snow melt, and flushed water recovered from the spill site is estimated as 1,971,186 gallons (46,933 barrels). All recovered fluids were injected down an appropriate class II injection well. A total of 372 yards of contaminated snow, gravel, and tundra material was removed from the spill site and disposed of at an approved disposal location.

SOURCE CONTROL: The pipeline was de-pressurized and later de-inventoried (removal of all liquids). After being de-inventoried, the pipeline was blind flanged 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. The spill did not reach or impact these areas.

No oiled wildlife was observed.

FUTURE PLANS AND RECOMMENDATIONS: Confirmation sampling indicates that the spill site meets or exceeds the State established cleanup levels for both seawater (conductivity) and oil. A letter of “No Further Action” will be issued to ConocoPhillips Alaska, Inc.

WEATHER: Overcast, temperature 31 ° F, with an ENE wind of 22 mph resulting in an 18° 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