

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

SITUATION REPORT

INCIDENT NAME: Kuparuk 2U Pad Crude Oil Spill **SITREP #:** 8

SPILL NUMBER: 07399935001 **LEDGER CODE:** 14247160

TIME/DATE OF SPILL: ConocoPhillips Alaska Inc. (CPAI) discovered the spill at 1:33 AM on December 16, 2007 and reported the spill to ADEC via the Alaska State Troopers at 2:43 AM.

TIME/DATE OF SITUATION REPORT: 10:30 PM, January 10, 2008

TIME/DATE OF THE NEXT REPORT: When final spill volume is determined or further cleanup information becomes available.

TYPE/AMOUNT OF PRODUCT SPILLED: CPAI initially reported that over 100 gallons of crude oil, gas and fluids spilled from a 24-inch flow line located within the Kuparuk River field between the 2V and 2W pads. The initial estimate of over 100 gallons was increased to 4,284 gallons (102 barrels) after further assessment of the spill area. The spill area is tundra covered with approximately six inches of snow.

LOCATION: Kuparuk River Field, flow line between 2U Pad and CPF-2. Latitude: N 70° 19' 19.99"
Longitude: W149° 55' 41.52".

CAUSE OF SPILL: CPAI reported external corrosion to the flow line. After the insulation from the flow line was removed, responders observed a 6-inch long crack (about 1/8 inch wide at the center) in the flow line. Investigators believe the cause was from external corrosion due to water trapped between the pipe and the insulation surrounding the flow line. Detailed investigation into the cause is ongoing.

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

RESPONSE ACTION: The majority of the spill has been recovered with residual oil and produced water remaining near the source. Final cleanup efforts have stalled due to extreme arctic weather conditions – wind chill exceeding -70°F with blowing snow. The Unified Command unanimously agreed to postpone further cleanup effort until the weather improves. The spill is contained on site and is not expected to cause further contamination.

Thirty cleanup responders, split between two 12-hour shifts, supported by the Unified Command continued cleanup work until extreme arctic weather hampered response effort. CPAI brought in a tundra consultant to monitor cleanup tactics on the produced water released on a wet sedge area. Cleanup crews removed crude oil from the spill zone, and then changed tactics for the removal of produced water. Field screening samples were collected to delineate the produced water zone at the spill site. Crews installed a surface sealing boom, dividing the site into six treatment cells. Cleanup tactics are designed to flood each cell, dilute salt concentrations from the organic and mineral soils, capture any remaining petroleum hydrocarbons, and minimize tundra damage. Contaminated snow was processed through snow melters and staged in tanks to determine the volume of recovered oil. The final volume of oil is not available yet.

CPAI completed analytical confirmation samples on the tundra and lake plume areas - results are pending. Confirmation samples within the heavily oiled area will be collected after treatment is executed and completed.

CPAI completed over 94 percent of the radiograph corrosion inspections on the 2U - 2W 24-inch multi-phase line, and identified anomalies or inclusions in less than one percent of the 2042 inspection locations. Radiographic inspections, the work to strip insulation from the lines, and investigation of the anomaly sites continues.

ADEC has a representative on site monitoring the corrosion inspection progress.

SOURCE CONTROL: The source was controlled when operators shut down the oil wells feeding the flow lines.

RESOURCES AFFECTED: ACS and CPAI estimated that the spill affected 1,124 square feet area of tundra vegetation, and 350,000 square feet area of snow and tundra received wind blown oil spray. The spill area was covered with six inches of snow.

FUTURE PLANS AND RECOMMENDATIONS: ADEC staff plan to meet with CPAI for discussions of the corrosion inspection program performed on the 2W – 2U, 24-inch multiphase line. ADEC is expecting analytical results for review, and the final oil volume. CPAI will notify ADEC when response effort continues.

CPAI continues inspecting the other areas of concern on the 24-inch flow line.

WEATHER: Cloudy, 35 mph winds, blowing snow, and - 40° F. Wind chill factor is -56° F.

UNIFIED COMMAND AND PERSONNEL:

Incident Commander: Kevin Snow, CPAI
 F.O.S.C.: Carl Lautenberger, EPA
 S.O.S.C.: Ed Meggert, ADEC
 Field S.O.S.C. Tom DeRuyter, ADEC

FOR ADDITIONAL INFORMATION CONTACT: Ed Meggert, ADEC, 451-2124

Photographs and other spill information are available for viewing at: <http://www.state.ak.us/dec/spar/perp/index.htm>

AGENCY/STAKEHOLDER NOTIFICATION LIST

This SITREP has been distributed via email to the Governor's office, Senator Stevens' office, ADF&G, ADNR, SECC, USEPA, USDOJ, NMFS, USFWS, USFS and NOAA 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
ADF&G	Todd Nichols	Fax		459-7363	456-2259
AOGCC		Fax			276-7542
EPA	Matt Carr/Carl Lautenberger	Fax		271-5083 or 257-1342	271-3424
Attorney General Office	Cam Leonard	Fax		451-2811/451-2914	451-2985
Attorney General Office	Steve Mulder	Fax			278-7022
Legislature					
Governor's Office (Fairbanks)	Palin/Parnell	Fax		451-2920	451-2858
Governor's Office (Juneau)	Palin/Parnell	Fax		465-3500	465-3522
Legislator (Senate D)	Joe Thomas (D)	Fax	Fairbanks	465-2327	465-5241
Legislator (Senate E)	Gary Wilken (R)	Fax	Fairbanks	465-3709	465-4714
Legislator (Senate F)	Gene Therriault (R)	Fax	North Pole	465-4797 or (800) 860-4797	465-3884
Legislator (House 7)	Michael "Mike" Kelly (R)	Fax	Fairbanks	465-4976 or (800) 465-4976	465-3883
Legislator (House 8)	David Guttenberg(D)	Fax	Fairbanks	465-4457 or (800) 928-4457	465-3519
Legislator (House 9)	Scott Kawasaki (D)	Fax	Fairbanks	465-3466 or (866) 465-3466	465-2937

Legislator (House 10)	Jay Ramras (R)	Fax	Fairbanks	465-3004 or (877) 465-3004	465-2070
Legislator (House 11)	John Coghill, Jr. (R)	Fax	North Pole	465-3719 or (877) 465-3719	465-3258
Local Government:					
Fairbanks North Star Borough	Jim Whitaker	Fax	Mayor	459-1304	459-1102
City of Fairbanks	Terry Strle	Fax	Mayor	459-6793	459-6787
City of Fairbanks	Warren Cummings	Fax	Fire Chief	450-6500 x 6604	450-6666
Other Agencies:					
North Slope Borough	Edward Sagaan Itta	Fax	Mayor	852-0200	852-0337
North Slope Borough	Johnny Aiken	Fax	Planning Director	852-0440	852-5991