

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

**SITUATION REPORT**

**INCIDENT NAME:** DS-16 Flowline D, Crude Methanol Spill

**SITREP #:** 4

**SPILL NUMBER:** 07399928801

**LEDGER CODE:** 14244860

**TIME/DATE OF SPILL:** 1:15 PM, October 15, 2007. BPXA reported the spill to ADEC at 1:57 PM on October 15, 2007.

**TIME/DATE OF SITUATION REPORT:** 3:00 PM October 19, 2007.

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

**TYPE/AMOUNT OF PRODUCT SPILLED:** BPXA has estimated the spill volume total at 1,932 gallons (46 bbls) of product. Included in this total is 630 gallons (15 bbls) of neat methanol, 1260 gallons (30 bbls) of a 60/40 methanol water mixture and 42 gallons (1 bbl) of a crude / water mixture. Neat methanol is 100 % methanol.

**LOCATION:** Flow Station 2, Prudhoe Bay Oil Field, Deadhorse, Alaska.

**CAUSE OF SPILL:** The flowline was punctured when it moved with sufficient force to strike an adjacent horizontal support module and penetrated the pipe wall.

**POTENTIAL RESPONSIBLE PARTY (PRP):** BPXA.

**RESPONSE ACTION:** Spill cleanup was temporarily halted on October 15, 2007 due to safety reasons. On the evening of October 18, 2007 problems with the electrical system in Prudhoe Bay caused the partial shut down of Flow Station 1 and Flow Station 2. When this happens wells have to be shut in, and then as the problems are fixed, the wells are brought back on line. The process of shutting in wells and bringing them on line causes the pipelines to shift and move on their horizontal support members (HSM). When there are multiple pipes on an HSM, the shifting of pipes creates a danger for the site workers in that they could get caught between moving lines. It is due to this safety concern that the response to this spill was delayed, until the electrical problems could be fixed and the wells brought back on line and the flow lines stabilized. This is expected to occur sometime on October 19, 2007.

Alaska Clean Seas (ACS) responders continue to remove contaminated water from the top of the ice in the pond and in areas adjacent to the pipe rack. A total of 10,962 gallons (2,610 bbls) of product and water mixture have been removed from the spill site. A clamp has been bolted in place over the pipeline puncture.

Hot water flushing will begin after the conditions in the response area become safe for responders to work in. The flushing activities are expected to create large quantities of steam limiting the visibility in the local area, which is a safety concern for other site workers.

Two ADEC responders are on scene in Prudhoe Bay providing oversight of the response.

**SOURCE CONTROL:** Full source control was achieved at 10:30 PM on October 18, 2007 when a clamp was bolted in place over the pipeline rupture. No additional leakage has been observed.

After site cleanup has been completed, BPXA will evaluate the flowline for other ice plugs and develop plans for removing the plugs. BPXA will also inspect the line for deformities or ruptures.

**RESOURCES AFFECTED:** Tundra pond, tundra and adjacent gravel pad. BPXA estimates that the total area impacted is about 0.731 acres.

**FUTURE PLANS AND RECOMMENDATIONS:** Removal of oil from the ice and water on the pond surface by scrapping and skimming; melting of the ice on the pond with warm water and the water pumped out; flushing all other contaminated areas with warm water and finally sampling of the site to verify that the cleanup is complete.

**WEATHER:** Overcast with freezing rain, fog, temperature 25 ° F., east wind at 15-25 MPH.

**UNIFIED COMMAND AND PERSONNEL:**

Incident Commander: Don Luedtke, BPXA  
S.O.S.C.: Ed Meggert, ADEC  
F.O.S.C.: Matt Carr, EPA  
Field S.O.S.C.: Tom DeRuyter, ADEC

**FOR ADDITIONAL INFORMATION CONTACT:** Ed Meggert, ADEC, Fairbanks, (907) 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
Alaska State Troopers	Fairbanks	Fax		451-5100 or (800) 478-9300	451-5165
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/ Steve Mulder	Fax		451-2811/451- 2914	451-2985/ 278-7022
<b>Legislature</b>					
Governor's Office (Fairbanks)	Palin/Parnell	Fax		451-2920	451-2858
Senator Murkowski's Washington DC Office	Chief of Staff	Fax	North Slope only	(202) 224-6665	(202) 224- 5301
Senator Murkowski's Office in Fairbanks		Fax	North Slope only	456-0233	451-7146
Legislator (Senate T)	Donnie Olson (D)	Fax	Nome	465-3707	465-4821
Legislator (House 40)	Reggie Joule (D)	Fax	Kotzebue	465-4833 or (800) 782-4833	465-4586
<b>Other Agencies:</b>					
North Slope Borough	Edward Sagaan Itta	Fax	Mayor	852-0200	852-0337
North Slope Borough	Johnny Aiken	Fax	Planning Director	852-0440	852-5991
BP Exploration Inc		Fax		564-5722	564-5180