

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 #: 3

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, October 15, 2007.

TIME/DATE OF SITUATION REPORT: 3:00PM, October 17, 2007.

TIME/DATE OF THE NEXT REPORT: 3:00PM, October 19, 2007.

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: ACS (Alaska Clean Seas) continues to vacuum water and methanol from the tundra pond and impacted area. Two vacuum trucks are removing contaminated water concurrently with the flowline repair work. After the punctured area has been clamped, two additional vacuum trucks will be assigned to this task. Safety concerns for personnel around the spill area and tight working conditions are limiting access to the site. BPXA estimates that 42,840 gallons (1,020 bbls) of product and water mixture has been removed from the site.

Workers completed cribbing the flowline and placed wooden blocks to prevent the flowline from shifting and causing further damage. Workers are also pulling additional insulation from the flowline to look for further damage and to place a clamp over the perforated pipe. The flowline continues to drip at a slow rate.

Hot water flushing will begin after the punctured area has been clamped. The unified command has decided to wait until the personnel working on the flowline can be removed from the area prior to starting the hot water flush. 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: The flowline was already isolated and shut in when the leak was detected. The line continues to drip at a slow rate. There is a concern that there may be additional ice plugs in the line with trapped gas under pressure between the plugs. This presents both a safety concern for the site workers and the potential for additional spills. The source of the spill from this line will not be considered to be fully under control until the ruptured area has been securely clamped. This is estimated to take between 48 to 72 hours.

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. The total area impact is estimated at 0.731 acres.

FUTURE PLANS AND RECOMMENDATIONS: Cribbing and supporting the flowline. The flowline will be stripped of insulation to expose any anomalies and repaired. Warm water flushing of the tundra will occur once the standing free product has been removed.

WEATHER: Overcast with snow flurries, 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 will be 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
Legislature					
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
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
BP Exploration Inc		Fax		564-5722	564-5180



Photo showing the puncture in the BPXA DS 16 Flowline D and the wooden blocks to prevent the flowline from shifting.
(10/17/07 Photo courtesy BPXA)