

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

SITUATION REPORT

INCIDENT NAME: Effluent Water Injection Leak

SITREP #: 1

SPILL NUMBER: 09399903401

LEDGER CODE: Requested

TIME/DATE OF SPILL: 10:30 PM, February 3, 2009

TIME/DATE OF SITUATION REPORT: 1:00 PM, February 5, 2009

TIME/DATE OF THE NEXT REPORT: April 30, 2009

TYPE/AMOUNT OF PRODUCT SPILLED: Effluent water, 165 barrels. Effluent water is domestic waste water with the solids removed. The effluent water is sometimes blended with snow melt, or other recycled water.

LOCATION: Kuparuk, Central Processing Facility-1

CAUSE OF SPILL: Under investigation. Internal corrosion is suspected.

POTENTIAL RESPONSIBLE PARTY (PRP): ConocoPhillips Alaska (CPA)

RESPONSE ACTION: The leak was from an insulated six-inch steel line, near the edge of the gravel pad at Central Processing Facility-1 (CPF-1). The release area is approximately 7,700 square foot, covered with snow, surrounded by gravel berms; and has numerous flow lines fixed to vertically supported pipe racks, entering and departing the central processing facility. Ice from seasonal water was beneath the snow. The leak was from an oval shaped opening with an area similar to a 3/16-inch penetration. Fluids discharged through the opening for approximately eight hours before discovery and control actions. CPA activated the full incident management team after discovering the release, and responded with three Alaska Clean Seas spill response technicians (ACS/SRT) to delineate the spill and recover liquid product. Other responders deployed light plants, pump hoses, portable heaters, vacuum trucks, tanks, a waste management and survey crew. Weather conditions were severe cold, and cleanup halted after the product reached the slush-point, incapable of recovery through a pump hose. Most of the product was recovered. No oil production was affected.

SOURCE CONTROL: Pumps were deactivated, pressured removed from the line, and a temporary patch installed to allow the controlled drainage for frost protection.

RESOURCES AFFECTED: Snow and ice covered tundra.

FUTURE PLANS AND RECOMMENDATIONS: Frost protection was completed in all of the effluent piping, except for a 300-foot section of three-inch line. Frost protecting the three inch section was delayed after an ice plug developed in the line; and work remains in progress to resolve the issue. Liquid waste recovered with the vacuum trucks was off-loaded. Cleanup of the remaining frozen effluent will be delayed until breakup. The area is not routinely used by the service or maintenance staff, and no sensitive ecologic or wildlife receptors were identified. Passive bird hazing shall be initiated during the spring season as a precaution to detour wildlife from the area.

WEATHER: Clear, -36° F, < 10 mph wind.

UNIFIED COMMAND AND PERSONNEL:

Incident Commander: Wayne Fletcher
F.O.S.C. :
S.O.S.C. : Ed Meggert
Field S.O.S.C.: John Ebel

FOR ADDITIONAL INFORMATION CONTACT: Ed Meggert (907) 451-2145

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, 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
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
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

