

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

SITUATION REPORT

INCIDENT NAME: Fort Wainwright Taku Garden,
Propylene Glycol Release

SITREP #: 1

SPILL NUMBER: 06309902701

LEDGER CODE: Not requested

TIME/DATE OF SPILL: The spill was discovered late in the day on January 27, 2006. The spill was reported to ADEC by the U.S. Army at 8:00 am on January 31, 2006.

TIME/DATE OF SITUATION REPORT: January 31, 2006 at 4:00 PM.

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

TYPE/AMOUNT OF PRODUCT SPILLED: An estimated 1,800 to 2,200 gallons of propylene glycol. Propylene glycol is used as freeze protection in a hydronic heating system utilized by Fort Wainwright. Propylene glycol can mix readily with water and can impact drinking water wells.

LOCATION: Fort Wainwright, Taku Garden Housing Project, Building 27.

CAUSE OF SPILL: A ¾ inch line that is used to circulate a hot water/glycol mixture to provide heat to buildings developed a leak at a coupling.

POTENTIAL RESPONSIBLE PARTY (PRP): Watterson Construction.

RESPONSE ACTION: The heating system was being used to keep a concrete slab warm through the winter. Approximately 175 gallons of free product was pumped from the slab. The remainder of the spilled product migrated off of the concrete slab to snow covered gravel pad. An ADEC responder traveled to the spill site to further assess the situation.

SOURCE CONTROL: The loop in the heating system that developed the leak has been isolated and the leak has stopped.

RESOURCES AFFECTED: Snow covered gravel pad.

FUTURE PLANS AND RECOMMENDATIONS: Cleanup and disposal plans are being written, and will be reviewed by ADEC staff prior to implementation. The Army Corp of Engineers is drafting a site safety plan. A joint meeting between the ADEC, U.S. Army Corps of Engineers, Watterson Construction, and Slayden Plumbing is scheduled for tomorrow morning to discuss further response actions. ADEC will coordinate with the PRP to ensure the timely reporting of spills.

WEATHER: Partly cloudy, -20° F, calm.

UNIFIED COMMAND AND PERSONNEL:

Incident Commander: John Wentz, US COE
F.O.S.C. : Matt Carr, EPA
S.O.S.C. : Ed Meggert, ADEC
Field S.O.S.C.: Amanda Stark, ADEC

FOR ADDITIONAL INFORMATION CONTACT: Amanda Stark, ADEC, Fairbanks (907) 451-2175

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.

AGENCY	NAME	Sent Via		Telephone	Facsimile
Alaska State Troopers	Delta Junction			895-4800	895-4026
ADEC	SITREP	Email		465-5252	465-5244
ADEC	Marti Early	Email	mearly@envircon.sate.ak.us	465-5009	465-5097
ADNR	Leon Lynch			451-2724	451-2751
ADNR	Al Ott/Jack Winters			459-7285 or 459-7279	456-3091
DMVA/DES	Terry Smith			428-7035	428-7009
USEPA	Matt Carr/ Carl Lautenberger			271-5083 or (800) 424-9346	271-3424
Attorney General Office	Cam Leonard/ Mary Lundquist			451-2811/451-2914	451-2985
Legislature:					
Governor’s Office (Fairbanks)	Sheri Solie, Director/ Melissa Stepovich-Cook Angelina Burney, Asst			451-2920	451-2858
Legislator (House)	John Harris		Valdez	465-4859 or (888) 465-4859	465-3799
Senator	Gene Therriault		North Pole	465-4797	465-3884



Photo of concrete slab at Building 27, courtesy of U.S. Army.