

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 #: 3 and final

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: June 29, 2006 at 9:30 AM.

TIME/DATE OF THE NEXT REPORT: This is the final report.

TYPE/AMOUNT OF PRODUCT SPILLED: Watterson Construction initially estimated 1,800 to 2,200 gallons of propylene glycol. Watterson has since revised their spill estimate to 387 gallons released from the heating system. Out of the 387 gallons spilled, 176 gallons of free product was recovered, leaving about 211 gallons spilled to land. 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 sampling conducted by Watterson's contractor, this past winter, indicated glycol levels exceeding State cleanup levels. All the contaminated snow around the building was scraped up, stored in a containment area and allowed to thaw. The snow melt was disposed of down a waste water manhole. Approval had been obtained by Fairbanks Golden Heart Utilities (wastewater treatment plant) for the disposal of the snowmelt at a particular rate and concentration.

The contaminated soil could not be excavated due to a 'dig-ban' that had been issued for the Taku Garden project. This spring, once the 'dig-ban' had been lifted, Watterson's contractor performed additional sampling to determine concentrations remaining in the soil. Soil sample results indicate that all glycol levels were below the State cleanup levels.

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: ADEC will issue Watterson Construction a "No Further Action" letter for this spill.

WEATHER: Overcast 59° F.

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.:

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.

ADNR	Leon Lynch/ Gary Schultz/ Larry Byrne	Fax		451-2724/ 451-2732	451-2751 or 659-2965
ADF&G	Todd Nichols	Fax		459-7363	456-2259
Attorney General Office	Cam Leonard/ Mary Lundquist	Fax		451-2811/451-2914	451-2985
Legislature					
Governor's Office (Fairbanks)	Cheri Solie, Director/ Melissa Stepovich- Cook, Angelina Burney, Assist	Fax		451-2920	451-2858
Legislator (Senate D)	Ralph Seekins (R)	Fax	Fairbanks	465-2327	465-5241
Legislator (Senate E)	Gary Wilken (R)	Fax	Fairbanks	465-3709 or 451-55-1	465-4714
Legislator (House 7)	Hugh "Bud" Fate (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)	Jim Holm (R)	Fax	Fairbanks	465-3466 or (866) 465-3466	465-2937
Legislator (House 10)	Jim Whitaker (R)	Fax	Fairbanks	465-3004 or (877) 465-3004	465-2070