

# General Environmental Incident Summary

**Incident:** 1826      **Date/Time Notice:** 11/27/2012      1635      **DEM Incident No:**  
**Responsible Party:** Greg Haug

**Date Incident:** 11/24/2012      **Time Incident:** 1200      **Duration:** 76 hours

**County:** Burleigh      **Twp:** 138      **Rng:** 80      **Sec:** 15      **Qtr:** NE SW NE

**Lat:** 46.77291      **Long:** -100.76300      **Method:** Derived from TRS

**Location Description:** 2301 University Drive, Bismarck Airport  
Building 17  
Bismarck, ND 58504

**Submitted By:** Greg Browne      **Affiliation:**

**Address:**

**City:**      **State:**      **Zip:**

**Received By:**

**Contact Person:**

2301 University Drive  
Building 17  
Bismarck, ND 58504

**Distance Nearest Occupied Building:** 1600 Feet

**Type of Incident:** buried geothermal HDPE piping - main

**Description of Released Contaminant:** ethylene glycol

**Volume Spilled:** 1600.00 gallons      **Ag Related:** No

**EPA Extremely Hazardous Substance:** No      **Reported to NRC:** Unknown

**Cause of Incident:**

unknown breach/break of buried geothermal piping. The estimated volume released was within a solution of ethylene glycol and water, approximated at a 25% solution.

**Risk Evaluation:**

Likely very low risk, material released in the subsurface approximately 7-8 feet below grade. Currently no evidence of subsidence to overlying soil.

**# of Fatalities:** 0      **# of Injuries:** 0      **Affected Medium:** 03 - soil

**Potential Environmental Impacts:**

Soil is likely impacted, unknown impacts to groundwater, unlikely that surface water is impacted

**Action Taken or Planned:**

The plan of action is to excavate to approximately 8 feet below grade and repair the 6-inch diameter HDPE piping. During excavation, removal of visually impacted soil, stockpile on and cover with plastic.

**Wastes Disposal Location:** To be determined, possibly the Bismarck Landfill

**Agencies Involved:**

## ***Updates***

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**Date:** 11/27/2012 **Status:** Reviewed - Assigned to NDDoH Division

**Author:** Roberts, Kris

### ***Updated Volume:***

### ***Notes:***

Release to groundwater at Bismarck Airport likely. Investigation needed and recovery efforts likely needed. Will need a WQ investigator to follow-up.