

# General Environmental Incident Summary

**Incident:** 3461      **Date/Time Notice:** 9/16/2014      2253      **DEM Incident No:**

**Responsible Party:** Xcel Energy

**Date Incident:** 9/16/2014      **Time Incident:** 0730      **Duration:**

**County:** Grand Forks      **Twp:** 151      **Rng:** 50      **Sec:** 17      **Qtr:**

**Lat:** 47.89333      **Long:** -97.06669      **Method:** Interpolation from map

**Location Description:** 2700 South Columbia Road, Grand Forks

**Submitted By:** Mark Gerlach

**Affiliation:**

**Address:** 414 Nicollet Mall (MP4)

**City:** Minneapolis

**State:** MN

**Zip:**

**Received By:**

**Contact Person:**

414 Nicollet Mall  
Minneapolis, MN

**Distance Nearest Occupied Building:** 40 Feet

**Release Contained:** Yes

**Type of Incident:** transformer oil release

**Description of Released Contaminant:** Mineral oil, unknown whether PCB contaminated

**Volume Spilled:**

**Ag Related:** No

**EPA Extremely Hazardous Substance:** Unknown

**Reported to NRC:** Unknown

**Cause of Incident:**

Someone performing demolition at the site pulled underground cables out of transformer without first disconnecting them causing broken bushings that resulted in an oil leak of approximately 5 gallons. Released oil soaked into concrete pad and in soil below window in concrete pad. Release was called into ND DOH at 8:22 am Agency Case number: E14091600064

**Risk Evaluation:**

None

**# of Fatalities:**

**# of Injuries:**

**Affected Medium:** 03 - soil

**Potential Environmental Impacts:**

None - oil was all soaked into concrete and soil under the transformer.

**Action Taken or Planned:**

Leaking unit was placed in steel containment pan. Oiled concrete pad removed and oily soil plus 1 foot removed and placed in drum. Everything was taken to Xcel Energy Service Center in Grand Forks for temporary storage. Oil sample sent to lab in Minneapolis for PCB analysis. Waste will be sent to company waste storage & consolidation facility in Minneapolis then disposed in industrial landfill if nonPCB, or sent to permitted PCB landfill if PCB content exceeds 50 ppm.

**Wastes Disposal Location:**

**Agencies Involved:**

**Updates**

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**Date:** 9/16/2014    **Status:** Awaiting Documentation

**Author:** Tintes Schiwal, Emily

**Updated Volume:**

**Notes:**

A representative from Xcel says its field crew took an oil sample, and it is being sent in for PCB content testing. The transformer and all associated soil and concrete are being held at its Grand Forks facility until test results are returned. This report will be updated with disposal information once test results are received.

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**Date:** 9/16/2014    **Status:** Reviewed - Assigned to NDDoH Division

**Author:** Roberts, Kris

**Updated Volume:**

**Notes:**

Transformer leak, di-electric oil content unknown. Followup with company necessary. Forwarded to Division of Waste Management.

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**Date:** 12/22/2014    **Status:** Reviewed - No Action Required

**Author:** Tintes Schiwal, Emily

**Updated Volume:**

**Notes:**

A representative from Xcel submitted PCB results for the transformer, and they are in the corresponding folder. PCB results were < 2 ppm. The transformer unit and all associated contaminated soils were disposed of at SKB Industrial landfill in Rosemount, Minn. No further followup required.