

# General Environmental Incident Summary

**Incident:** 3738      **Date/Time Notice:** 4/29/2015      1900      **DEM Incident No:**

**Responsible Party:** Dakota Gasification Company

**Date Incident:** 4/29/2015      **Time Incident:** 1800      **Duration:**

**County:** Mercer      **Twp:** 144      **Rng:** 88      **Sec:** 17      **Qtr:**

**Lat:** 47.29776      **Long:** -101.85890      **Method:** Interpolation from map

**Location Description:** Dakota Gasification Company

**Submitted By:** Dan Whitley

**Affiliation:** Dakota Gasification Company

**Address:** 420 County Road 26

**City:** Beulah

**State:** ND

**Zip:** 58523

## Received By:

**Contact Person:** Mike Tietz  
420 County Road 26  
Beulah, ND 58523

**Distance Nearest Occupied Building:**

**Release Contained:** No

**Type of Incident:** Water Recirculation Line Leak

**Description of Released Contaminant:** Clean Cooling Water

**Volume Spilled:**

**Ag Related:** No

**EPA Extremely Hazardous Substance:** Unknown

**Reported to NRC:** No

## Cause of Incident:

Several hundred gallon leak of clean cooling water to soil.

## Risk Evaluation:

None

**# of Fatalities:**

**# of Injuries:**

**Affected Medium:** 03 - soil

## Potential Environmental Impacts:

None

## Action Taken or Planned:

None

**Wastes Disposal Location:** N/A

## Agencies Involved:

## **Updates**

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**Date:** 4/29/2015    **Status:** Reviewed - Assigned to NDDoH Division

**Author:** Martin, Russell

**Updated Volume:**

**Notes:**

According to the incident summary, this spill occurred at a location with active permitting. Assigned to Division of Water Quality.

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**Date:** 5/28/2015    **Status:** Reviewed - No Action Required

**Author:** Grossman, Dallas

**Updated Volume:**

**Notes:**

Called back regarding April 29, 2015 cleaning cooling water spill. The incident was caused by maintenance operations. Maintenance was working on a pipe when it broke. The event was misreported to DGC staff. A lower volume (15 gallons) was released than what was reported (several hundred gallons). The pipe was not live when the incident occurred (it was blocked at both ends), and only the liquid between the blocked ends was released. The incident lasted about 4 minutes. The water is from the 5550 cooling tower. It was a 3-inch PVC pipe that broke/cracked. The pipe was sagging and broke when maintenance operations began lifting on it. The cooling water has an ammonia concentration of 0.2% (2000 ppm). The water soaked into the ground (the area is lined with rocks instead of concrete).