

General Environmental Incident Summary

Incident: 5726

Notice: 5/22/2018 1400

Occurred: 5/22/2018 0200

DEM Incident No:

No Further Action:

Responsible Party: Minnesota Power

County: Morton

Twp Rng Sec Qtr: 140 87 14

Lat Long + Method: 46.93868 -101.62680 Interpolation from map

Location Description: Bison wind turbine 3. Take exit 120 off I-94, travel north 5 miles on CR86, then 2.4 miles west on CR140. Turn north on the turbine access road. Spill is at first turbine (T311).

Submitted By Info: Ross Dudzik
30 West Superior St.
Duluth MN

Received By Info:

Contact Info:
30 West Superior St
Duluth MN

Affected Medium: 03 - soil

Near. Occupied Bldg: 4800 Feet

Type of Incident: Hydraulic cylinder leak

Release Contained: Yes

Reported to NRC: Unknown

Contaminant: Hydraulic oil

Volume of Release: 30 gallons

Duration of Release:

Agriculture Related: No

EPA Extremely

Hazardous Substance: Unknown

Number of Fatalities: 0

Number of Injuries: 0

Cause of Incident:

Hydraulic cylinder used to control pitch of wind turbine blade failed. Oil leaked to hub of turbine, then to base of turbine.

Risk Evaluation:

Minimal risk, no safety concerns

Potential Env. Impacts:

Gravel/soil at base of tower impacted. No surface water or wetland impacts, groundwater not anticipated to be impacted due to timely cleanup and minimal spill volume.

Action Taken/Planned:

Turbine base, foundation, and transformer will be cleaned. Contaminated rock/soil, absorbent rags, granular absorbents will be collected and disposed

Wastes Disposal Location:

Clean Harbors Sawyer Landfill

Other Agencies Involved:

Updates

Date: 5/22/2018 **Status:** Reviewed - Follow-up Required

Author: Schiermeister, Robin

Notes:

Release, due to a hydraulic cylinder leak, occurred at a non E&P facility. Further follow-up will be needed with the company to ensure clean up.

Updated Volume: None at the time of this update

Date: 5/23/2018 **Status:** Correspondence

Author: DeVries, Taylor

Notes:

Received before and after photographs of the remediation. The release of hydraulic fluid hit the base of the tower, along with the transformer and a little part of the gravel pad. The hydraulic fluid has been washed off the tower base and transformer. The affected gravel has been removed as well. Photos of this can be found in the report folder.

No further follow-up is needed at this time.

Updated Volume: None at the time of this update