

General Environmental Incident Summary

Incident: 5515 **Notice:** 9/15/2017 1052 **Occurred:** 9/15/2017 0000

DEM Incident No:

No Further Action:

Responsible Party: Roughrider Electric Co-op

County: Mercer

Twp Rng Sec Qtr: 144 87 12

Lat Long + Method: 47.30752 -101.63800 Interpolation from map

Location Description: 1121 Hay Marsh Ave Hazen, ND

Submitted By Info: Jaimee Antognazzi
Keitu Engineers and Consultants
1403 27th St NW
PO Box 98
Mandan ND 58554-0098

Received By Info:

Contact Info: Joe Volk
4001 30th Ave NW
Mandan ND 58554

Affected Medium: 03 - soil

Near. Occupied Bldg: 525 Feet

Type of Incident: Equipment Failure

Release Contained: Yes

Reported to NRC: No

Contaminant: Transformer Oil - non-PCB

Volume of Release: 25 gallons

Duration of Release:

Agriculture Related: No

EPA Extremely Hazardous Substance: No

Number of Fatalities: 0

Number of Injuries: 0

Cause of Incident:

Mechanical failure - investigation will follow to determine cause of the failure.

Risk Evaluation:

No fire. No immediate risks expected. Remained within confines of the site. Non-PCB oil (48 ppm PCB).

Potential Env. Impacts:

No long-term environmental impacts due to the small amount of refined oil dispersed.

Action Taken/Planned:

Microblaze will be applied to area 9/15/2017. Area will be visually monitored by operations staff for improvement.

Wastes Disposal Location:

Microblaze(r) will be applied to bioremediate in place.

Other Agencies Involved:

Updates

Date: 9/15/2017 **Status:** Reviewed - Assigned to NDDEQ Division

Author: Crowdus, Kory

Notes:

The report was filed with the Time of Incident set to '09/14/2017', which is a date. In order to have an actual time in the field, 0000 was selected and the record changed accordingly.

Report forwarded to Division of Waste Management.

Updated Volume: None at the time of this update

Date: 9/18/2017 **Status:** Reviewed - Assigned to NDDEQ Division

Author: O'Gorman, Brian

Notes:

Received an email from the company's consultant updating the release amount to 113 gallons. Email added to the incident folder.

Updated Volume: 113 gallons

Date: 11/29/2018 **Status:** Correspondence

Author: Striebel, Ivana

Notes:

11/29/2018 - Made information request of responsible party. Further action needed.

Updated Volume: None at the time of this update

Date: 12/6/2018 **Status:** Inspection

Author: Striebel, Ivana

Notes:

12/6/2018 - Hazen substation, 1:20 pm, 20 ° F, winds WSW at 5 to 10 mph, overcast. Transformer that leaked is located near the entrance to the substation and pictures are in the incident folder. Responsible party has chosen to allow this release to naturally attenuate. The release is located inside of the substation, contains PCBs below regulated levels (42 ppm,) and the staining is showing evidence that it is breaking down. The release began from a fitting near the top of the transformer and is on the concrete pad supporting the transformer and on the substation gravel. There is approximately 1' between the visual edge of the staining and the fence surrounding the substation. It does not appear that this spill is a threat to waters of the state by allowing it to remain in place and break down naturally. Recommend periodic inspections of this release to insure that it doesn't move outside of the fence. Off site at 1:50 pm. No further action is needed at this time.

Updated Volume: None at the time of this update

Date: 11/19/2019 **Status:** Inspection - No Action Required

Author: Striebel, Ivana

Notes:

11/19/2019 - Onsite at 12:10 pm, mostly sunny, 43° F, light breeze from the NW. Staining still remains on the concrete pad under the transformer located in the Hazen substation but does not appear to have moved. All equipment was intact in good condition. Offsite at 12:30 pm. No further action needed at this time. Photos in folder.

Updated Volume: None at the time of this update

Date: 7/26/2021 **Status:** Inspection - No Action Required

Author: Striebel, Ivana

Notes:

7/26/2021 - Onsite at 10:05 am, 76° F, hazy, calm. Took photos, staining appears to have broken down, is no longer visible. No further action needed.

Updated Volume: None at the time of this update