

# General Environmental Incident Summary

**Incident:** 8141

**Notice:** 7/1/2019

**Occurred:** 6/30/2019 1430

**DEM Incident No:**

**No Further Action:**

**Responsible Party:** Montana-Dakota Utilities Co.

**County:** Mercer

**Twp Rng Sec Qtr:** 144 86 18

**Lat Long + Method:** 47.29353 -101.62400 Interpolation from map

**Location Description:** In alley between Central Ave S and 1st Ave SW between Main St W and 1st St SW

**Submitted By Info:** Andy McDonald  
400 N Fourth St.  
Bismarck ND 58501

**Received By Info:**

**Contact Info:** Andy McDonald  
400 N Fourth St.  
Bismarck ND 58501

**Affected Medium:** 09 - other

**Near. Occupied Bldg:**

**Type of Incident:** Transformer Mineral Oil Spill

**Release Contained:** Yes

**Reported to NRC:** No

**Contaminant:** Transformer Mineral Oil (Non-PCB)

**Volume of Release:** 5 gallons

**Duration of Release:**

**Agriculture Related:** No

**EPA Extremely**

**Hazardous Substance:** No

**Number of Fatalities:** 0

**Number of Injuries:** 0

**Cause of Incident:**

A polemount transformer leaked oil from the bottom of the unit. Unknown cause of failure at this time.

**Risk Evaluation:**

No immediate risk as the oil is Non-PCB and was contained and cleaned up.

**Potential Env. Impacts:**

None other than the contaminated material that was removed from the site.

**Action Taken/Planned:**

MDU personnel used absorbent material to soak up the oil that had pooled in the alley below the transformer. They also removed oil contaminated gravel from the roof of the adjacent building and performed a double wash/rinse of all solid surfaces that were contacted by the oil. There is some staining left on the asphalt in the alley, so the area remains blocked off until additional clean-up can be completed.

**Wastes Disposal Location:**

**Other Agencies Involved:**

## **Updates**

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**Date:** 7/1/2019      **Status:** Reviewed - Assigned to NDDEQ Division

**Author:** Striebel, Ivana

**Notes:**

According to the incident report, there was a release of transformer oil. Further follow-up is needed.

**Updated Volume:** None at the time of this update

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**Date:** 7/25/2019      **Status:** Correspondence

**Author:** Striebel, Ivana

**Notes:**

7/25/2019 - Made information request of responsible party, further action needed.

**Updated Volume:** None at the time of this update

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**Date:** 7/25/2019      **Status:** Correspondence - More Follow-up Required

**Author:** Striebel, Ivana

**Notes:**

7/25/2019 - Received before and after clean-up photos and lab analysis from responsible party. This was a nonPCB release of dielectric fluid to pavement under the transformer and on an adjacent roof. Email is in the folder. Further action needed.

**Updated Volume:** None at the time of this update

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**Date:** 11/20/2019      **Status:** Inspection - No Action Required

**Author:** Striebel, Ivana

**Notes:**

11/19/2019 - Onsite at 11:20 am, mostly sunny, calm, 40° F. There was no staining on the adjacent buildings or on the concrete below the pole top transformer. A new transformer was present, and since the release the roof of the adjacent building has been cleaned and reinstalled. Area in inspection photos was damp from recent precipitation events. No further action needed at this time.

**Updated Volume:** None at the time of this update