Oil Field Environmental Incident Summary

Incident: 20190109121503 Notice: 1/9/2019 12:15 Occurred: 1/3/2019 06:00

Responsible Party: Arrow Midstream Holdings LLC

Well Operator:

Well Name: Crestwood CDP Facility

Field Name: Well File #: Facility ID #:

County: MCKENZIE

Twp Rng Sec Qtr: 150 95 19

Location Description: Southeast end of our Central Delivery Point.

Submitted By: Jill McCaskill

Received By:

Contact Info: Jill McCaskill

10702 Highway 73 Keene ND 58847

Affected Medium: Well/Facility Soil
General Land Use: Well/Facility Site

Near. Occupied Bldg: 0.5 Mile

Nearest Water Well:

Type of Incident: Valve/Piping Connection Leak

Release Contained: No Reported to NRC: No

Spilled Units Recovered Units Followup Units

Oil 15 Barrels 14 Barrels

Brine Other

Oth Rel. Contaminant:

Date Inspected:

Clean Up Concluded:
Written Report Recd:
Risk Evaluation:

Minimal risks

Areal Extent:

Oil released outside of lact building and traveled to a low point

Potential Env. Impacts:

Topsoil was exposed. Oil moved along the top of soil and under the snow. The topsoil was frozen.

Action Taken/Planned:

Valve was closed. Oil absorbent pads were initially deployed upon discovery to prevent further migration. Inhouse pump truck was deployed to aid in cleaning up while waiting for outside assistance. Contractor was notified to preform cleanup. A hydrovac, side dump, skid steer, and small excavator was used. Soil and impacted snow was removed. I will be contacting our SPCC engineer discuss berm options around our lact building area.

Wastes Disposal Location:

Hydrovac disposed of at Newalta Side dump disposed of at Secure Energy

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Other Agencies Involved:

Updates

Date: 1/9/2019 Status: Reviewed - Follow-up Required No Further Action: ✓

Author: Stockdill, Scott

Notes:

According to the incident summary, this spill impacted the surrounding area. Follow-up is necessary.

Updated Volumes and Contaminant None at the time of this update

Date: 1/10/2019 Status: Inspection No Further Action: ✓

Author: O'Gorman, Brian

Notes:

Arrived on location at 11:50. 28 degrees F, Sunny, West wind 5-10 mph. Met with one of the company representatives who led me to the release location. The representative showed me where the release occurred and the work that had been completed. The areas impacted had been recovered with gravel and new soil. Will need to follow-up with the company's environmental consultant for confirmation samples. More follow-up needed. Photos added to the incident folder.

Updated Volumes and Contaminant None at the time of this update

Date: 2/28/2019 Status: Correspondence No Further Action: ✓

Author: O'Gorman, Brian

Notes:

Received an email from the company contact with soil sample results and a map of sample points. Review of the results showed Diesel Range Organics below 100 ppm in 3 locations. Email and attachments added to the incident folder. Vegetation check will be needed during the growing season of 2019. Further follow-up needed.

Updated Volumes and Contaminant None at the time of this update

Date: 4/21/2020 Status: Correspondence - More Follow-up Required No Further Action: ✓

Author: Kaiser, Don

Notes:

Emailed company for incident status update on 4/21/2020.

Updated Volumes and Contaminant None at the time of this update

Date: 11/3/2021 Status: Correspondence - More Follow-up Required No Further Action: ✓

Author: Suess, Bill

Notes:

This incident has been re-assigned to K. Crowdus.

Updated Volumes and Contaminant None at the time of this update

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Date: 7/26/2022 Status: Inspection - No Action Required No Further Action: ✓

Author: Crowdus, Kory

Notes:

On location 7/26/2022, at 8:23am. No remaining impacts seen at this time. Vegetation outside of

fence is growing. No further follow-up needed.

Updated Volumes and Contaminant None at the time of this update

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