

Oil Field Environmental Incident Summary

Incident: 20160108150607 **Date/Time of Notice:** 01/08/2016 15:06

Responsible Party: Meadowlark Midstream Company, LLC

Well Operator:

Well Name:

Field Name:

Well File #:

Date Incident: 1/7/2016

Time Incident: 15:36

Facility ID Number:

County: WILLIAMS

Twp: 157

Rng: 100

Sec: 32

Qtr: SE SW

Location Description: A produced water release occurred along the pipeline right-of-way. Some of the produced water migrated off the pipeline right-of-way and onto private property. The topography of the area contained the released produced water in the area to the north of the pipeline right-of-way. The coordinates of the incident are 48.373318, -103.630503. The nearest cross streets are Hwy 85 and 66th St. NW.

Submitted By: Andrew Parisi

Received By:

Contact Person: Andrew Parisi
5831 123rd Drive NW
Epping, ND 58843

General Land Use: Other - Described Above

Affected Medium: Topsoil

Distance Nearest Occupied Building:

Distance Nearest Water Well:

Type of Incident: Pipeline Leak

Release Contained in Dike: No

Reported to NRC: No

	Spilled	Units	Recovered	Units	Followup	Units
Oil						
Brine	187	Barrels				
Other						

Description of Other Released Contaminant:

N/A

Inspected:

Written Report Received:

Clean Up Concluded:

Risk Evaluation:

No impact or potential to impact surface waters. No threat to the public.

Areal Extent:

Estimated aerial extent of the spill is 400 ft by 75 ft along and adjacent to the pipeline ROW.

Potential Environmental Impacts:

The pipeline leak impacted the soil on location. The impacted soil will be excavated and removed from the location. No impact or potential to impact any surface waters.

Action Taken or Planned:

Summit Operations Communications Center shut down the pipeline system after being notified through its leak detection system of a pipeline flow and pressure deviation on 1/7/2016. Field Operations were immediately dispatched to the area, walked the pipeline system, and confirmed the pipeline leak at 15:36 CST on 1/7/2016. Vac trucks were dispatched to recover any standing water on the evening of 1/7/2016. Crews began remediating the site on the morning of 1/8/2016.

Wastes Disposal Location: Recovered waste and impacted soil will be hauled to a licensed disposal facility in the area.

Agencies Involved:

Updates

Date: 1/8/2016 **Status:** Reviewed - Follow-up Required **Author:** Souder, Taylor

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

According to the report, the release was not contained. Further follow-up necessary.

Date: 1/9/2016 **Status:** Inspection **Author:** Souder, Taylor

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

Arrived on location at 11:45 a.m. Spoke with Summit representative, and he showed me around the site. Photos can be found in the report folder. A single soil sample was taken underneath the mended pipeline at the bottom of the excavation. The representative told me they were not done excavating near the break of the pipeline and also down the line. The spill is believed to have started on the evening of January 7, and the cause is uncertain at this time. Further follow-up needed.

Date: 1/11/2016 **Status:** Inspection

Author: Souder, Taylor

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

Arrived on Meadowlark Midstream's Burrude well pad and took two 1-gallon amber jug samples from produced water tank. This well pad pipeline was connected to the release in the cultivated field.

Date: 1/12/2016 **Status:** Inspection

Author: Martin, Russell

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

1/12/2016 at 10:52, on location. Met with site personnel. Excavation underway along pipeline right of way (ROW). Depth of excavation is currently at ~18 inches along the pipeline, as the frost line appears to have limited infiltration of the brine according to site personnel. Area beyond pipeline ROW is a wheat stubble field. Five truckloads of soil removed so far. More followup required.

Date: 3/14/2016 **Status:** Correspondence

Author: O'Gorman, Brian

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

Received an email from the company contact that contains a cleanup report and sample results. Email and reports added to folder. Soil analytical results lacked sodium adsorption ratio results. More follow-up needed.

Date: 4/5/2016 **Status:** Inspection

Author: Souder, Taylor

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

Arrived on site at 1600. Group 190 soil samples were taken at the edge of the excavation and in the excavation hole (total of two samples). White crystals were beginning to form along edges on the east side of the excavation. Samples submitted to the lab on Friday 4/8/2016. Further follow-up needed.

Date: 10/5/2016 **Status:** Inspection

Author: Washek, Sandi

Updated Oil Volume:

Updated Salt Water Volume:

Updated Other Volume:

Updated Other Contaminant

Notes:

Arrived on site at 11:50 a.m. Weather overcast and snowing with wind out of the west at 35 mph. Temperature was 31 degrees F. The area of impact was a planted wheat field that has been harvested. In addition, new pipelines have been laid throughout the field heading north to south and east to west. The pipeline rights of way have been planted with a cover crop. There are still bare spots along the rights of way. Follow-up will be needed for this site in the spring of 2017 when the area is greening up.