

General Environmental Incident Summary

Incident: 5517 **Notice:** 9/20/2017 0930 **Occurred:** 9/19/2017 1206

DEM Incident No:

No Further Action:

Responsible Party: Ward County

County: Ward

Twp Rng Sec Qtr: 155 83 24

Lat Long + Method: 48.23310 -101.28750 Interpolation from map

Location Description: 225 3rd st se; Minot, ND 58701

Submitted By Info: Amanda Schooling
Ward County - Employee
PO Box 5005
Minot ND 58701

Received By Info:

Contact Info: Leona Lochthowe
PO Box 5005
Minot ND 58701

Affected Medium: 04 - water and soil

Near. Occupied Bldg: 10 Feet

Type of Incident: Pipeline Leak

Release Contained: Yes

Reported to NRC: No

Contaminant: diesel fuel

Volume of Release: 280 gallons

Duration of Release: 7 days

Agriculture Related: No

EPA Extremely Hazardous Substance: Unknown

Number of Fatalities: 0

Number of Injuries: 0

Cause of Incident:

Possible construction company hit the line.

Risk Evaluation:

none identified.

Potential Env. Impacts:

fuel got into the storm drain, and some got into the Souris River dead loop. City of Minot has placed boom in both, but we are not sure how long the leak has occurred.

Action Taken/Planned:

City of Minot has placed boom in storm drains, and the river, and Ward County has shut off pipes to the tanks so there won't be anymore spilling out. Ward County or contractor will hire company to remove fill, fix leak, and place new fill in.

Wastes Disposal Location:

Sawyer landfill

Other Agencies Involved:

NDDDES, Local Emergency Manager

Updates

Date: 9/20/2017 **Status:** Reviewed - Follow-up Required

Author: Martin, Russell

Notes:

Incident assigned to UST Program staff.

Updated Volume: None at the time of this update

Date: 10/2/2017 **Status:** Inspection

Author: Schiermeister, Robin

Notes:

Arrived on site at 13:00 on 9-20-2017. The sky was clear and the temperature around 60 degrees.

Pipeline was punctured while A&P Construction was pouring cement for the new sidewalk behind the jail house on 9-8-2017. The pipeline leads from the jail house's manifolded pump system to its backup generators. The release was noticed on 9-19-2017, when a government worker, who was plotting GPS points on the storm sewer openings, saw sheen in the water of the dead loop of the Souris river.

The soil where the release occurred is mostly silty clays with a more compact clay 14 feet down. The pipeline is located approximately two feet east from the jail house. NTI, Northern Technologies, Inc., was on site starting 9-21-2017 and was in charge of soil sampling and assessing the site. NTI is a consultant company whose main office is located in Fargo.

The tank itself holds dyed diesel which went into the dead loop of the Souris river in Minot. Strata was called as soon as the sheen was seen and a boom was placed around the storm sewer opening. Strata also placed a boom around the drainage and started to clean the water with absorbent pads. Some product was noticed on the rocks; however, not very much staining was noticed in the storm sewer itself. Samples were taken from the drainage, 250 feet east of the opening, and north in the dead loop. These samples were analyzed for VOC's and DROs. The punctured pipeline was sucked of all fluid, capped off, and left in place while a new pipeline was installed. The contamination was followed below the puncture point until further excavation was deemed dangerous and to the storm sewer system. The final VOC readings were around 150-200 ppm feet below grade at the rupture, 70-100 ppm 37 feet north of the structure, and around 50-70 ppm by the northern storm sewer. See map and all pictures in the respective folder. Some photos were taken on 9/20/2017 and some on 9/22/2017. Excavation was halted due to the possibility of structural damage; however, a site assessment is being conducted.

Updated Volume: None at the time of this update

Date: 11/27/2017 **Status:** Awaiting Documentation

Author: Schiermeister, Robin

Notes:

Received sample results on 11-27-2017. The contamination that was found in a dead loop of the Mouse River in Minot showed values below NDDoH standards. Follow-up report is needed from the responsible party, then close.

Updated Volume: None at the time of this update

Date: 12/12/2017 **Status:** No Further Action Requested

Author: Schiermeister, Robin

Notes:

Received closure report from contractor on 12-1-2017. A total of 142 tons of soil were removed and disposed of. The contamination was not fully cleaned up; however, it was decided that due to local obstructions that the contamination has been successfully removed. No further follow-up is needed at this time.

Updated Volume: None at the time of this update