

General Environmental Incident Summary

Incident: 4032 **Date/Time Notice:** 3/3/2016 1824 **DEM Incident No:**

Responsible Party: Dakota 5 Oilfield Services

Date Incident: 3/2/2016 **Time Incident:** 1100 **Duration:**

County: McKenzie **Twp:** 150 **Rng:** 99 **Sec:** 36 **Qtr:**

Lat: 47.76404 **Long:** -103.29380 **Method:** Interpolation from map

Location Description: Approximately 2 miles south of Watford City, at intersection of Highway 23 with Hwy 200/Hwy 85.

Submitted By: Amber Senn

Affiliation: TriMedia Environmental & Engineer

Address: 31 36th Ave. NW

City: Minot

State: ND

Zip: 58703

Received By:

Contact Person: Levi Berger
4024 Southbay Dr. SE
Mandan, ND 58554

Distance Nearest Occupied Building:

Release Contained: No

Type of Incident: Vehicle Accident

Description of Released Contaminant: Between 100-140 bbls of produced water

Volume Spilled: 100.00 barrels

Ag Related: No

EPA Extremely Hazardous Substance: Unknown

Reported to NRC: Unknown

Cause of Incident:

Trailer became disconnected from semi-truck.

Risk Evaluation:

None

of Fatalities:

of Injuries:

Affected Medium: 03 - soil

Potential Environmental Impacts:

Extended approximately 475 ft on the south side of Hwy 85/200, 370 ft from culvert along east side of Hwy 23 to a small ponded area approximately 2,200 sq ft, and center median of Hwy 85/200 approximately 75 ft.

Action Taken or Planned:

Fluids were released on Highway 85/200, flowed south following the topography to south side of Highway 85/200, continued SE and into culvert beneath Highway, extending NE from culvert on east side of Highway 23 to the Northeast. Dirt was placed in front of culverts on south side of Highway 85/200 to attempt to block culverts. Fluids were collected with vacuum trucks.

Wastes Disposal Location: Dishon Disposal near Buford, ND and Nuverra near Watford City, ND.

Agencies Involved: Local Law Enforcement, Local Emergency Manager

Updates

Date: 3/2/2016 **Status:** Inspection

Author: Crowder, Kory

Updated Volume:

Notes:

On location 3/2/2016, at 1:56 p.m. Release occurred in the middle of Hwy 85 northbound and southbound lanes. Release got into culvert and flowed into the south ditch. It then flowed east approximately 100 yards with the path being about 2 ft wide. It reached another culvert and flowed under both lanes of the highway to the north ditch. From there, it flowed to the northeast approximately 100 yards (at time of inspection), but it seemed to still be moving. Cleanup crew was on site with a vac truck sucking up pooling areas in the south ditch. They were waiting for One Call to mark area, and then more cleanup will be taking place. Photos were taken and samples were collected at location. More follow-up required.

Date: 3/4/2016 **Status:** Reviewed - Follow-up Required

Author: Souder, Taylor

Updated Volume:

Notes:

Further follow-up required.

Date: 3/7/2016 **Status:** Inspection

Author: Cooper, Mike

Updated Volume:

Notes:

Arrived on site at 11:15 a.m., wind 0-5 mph, 45 degrees F. No crew on site. Large transloader parked away from intersection. Spill originated in the median to the NW of the stoplight. It reached multiple drainage points and eventually ended up on the southeast side of Hwy 85. The material has been stockpiled and covered with poly plastic. Walked entire track of spill and did not see any evidence of contamination on the surface. Majority of the excavation has been completed. Waiting on confirmation samples from different points along the path of the spill. Further follow-up is needed to check on analytical results, backfill and future vegetative growth. NOTE: To the future inspector of site, please make note that the proper DOT seed mix will need to be communicated with the company rep in order to reach DOT compliance once remediation project has reached the monitoring phase.

Date: 6/20/2016 **Status:** Correspondence

Author: Cooper, Mike

Updated Volume:

Notes:

Received site remediation summary report from Scott Stockdill. This report outlines the remediation process from start to finish. It describes how much material was removed and replaced and provides all analytical results from samples taken from the site. The site has been backfilled and will be monitored for future vegetative growth. Report can be found in the report folder under "TriMedia Environmental Engineering."