

General Environmental Incident Summary

Incident: 4108 **Date/Time Notice:** 5/20/2016 2024 **DEM Incident No:**

Responsible Party: Polar Midstream, LLC

Date Incident: 5/19/2016 **Time Incident:** 1537 **Duration:**

County: Divide **Twp:** 161 **Rng:** 100 **Sec:** 1 **Qtr:**

Lat: 48.80512 **Long:** -103.61730 **Method:** Address matching

Location Description: A buried 1,000 gallon fiberglass tank was damaged causing a mixture of oil and rainwater to spill from the tank. The tank is located at the SME Divide Station near Fortuna, ND. The Coordinates of the location are 48.80511758, -103.61725706.

Submitted By: Jonathan Shares

Affiliation: Environmental Compliance Speciali

Address: 999 18th St.

Suite 3400 South

City: Denver

State: CO

Zip: 80202

Received By:

Contact Person: Brett Rieniets
5831 123rd Drive NW
Epping, ND 58843

Distance Nearest Occupied Building:

Release Contained: Yes

Type of Incident: Tank Leak

Description of Released Contaminant: Crude Oil

Volume Spilled: 2.00 barrels

Ag Related: No

EPA Extremely Hazardous Substance: No

Reported to NRC: No

Cause of Incident:

The spill was caused by the buried fiberglass tank being damaged after the tank floated. When the tank floated, the sump and associated piping caused the fiberglass tank to crack, releasing a mixture of rain water and crude oil

Risk Evaluation:

No impact to surface waters.

of Fatalities: 0

of Injuries: 0

Affected Medium: 03 - soil

Potential Environmental Impacts:

The spill impacted the soil and pea gravel immediately surrounding the buried tank. The impacted soil and pea gravel will be excavated and removed from the location. No impact or potential to impact any surface waters.

Action Taken or Planned:

Once the tank damage was discovered, the tank was excavated and removed from service. Any standing liquids were removed from the excavated area. Polar Midstream is reviewing the design of the piping, sump, and tank system, and will be replacing the tank after the appropriate modifications have been made to prevent a recurrence.

Wastes Disposal Location: Recovered waste and impacted soil will be hauled to a licensed

disposal facility in the area.

Agencies Involved:

Updates

Date: 5/23/2016 **Status:** Inspection

Author: Kangas, Kathleen

Updated Volume:

Notes:

On site at 4:45 p.m. Sunny, 80 degrees F, very windy (20+ mph). Spoke to on-site company rep. He relayed that released material was 90% water and 10% crude oil. The tank has been excavated and tested, and part of the tank has been identified as having leaked. Crew is on site excavating and loading up contaminated soil. This material will be disposed of at Secure Energy's landfill. Excavation went down about 12 feet and was about 20 ft X 20 ft. 3 Forks will be on site tomorrow (05/24/16) to do soil sampling. Approx. 20 total loads of material are to be removed. The tank is a double-walled fiberglass tank. The tank is currently on plastic and surrounded by a rudimentary soil berm.

Date: 5/23/2016 **Status:** Reviewed - Follow-up Required

Author: O'Gorman, Brian

Updated Volume:

Notes:

According to the report, 2 barrels of crude oil and rainwater were washed into soils surrounding an underground fiberglass tank. More follow-up needed.