

General Environmental Incident Summary

Incident: 5249 **Date/Time Notice:** 10/13/2016 1500 **DEM Incident No:**
Responsible Party: Tesoro Dickinson Refinery
Date Incident: 10/12/2016 **Time Incident:** 20:00 **Duration:** 4 minutes
County: Stark **Twp:** 139 **Rng:** 97 **Sec:** 15 **Qtr:**
Lat: 46.85818 **Long:** -102.90550 **Method:** Interpolation from map
Location Description: Tesoro Dickinson Refinery
3815 116th AVE SW
Dickinson, ND
Submitted By: Riley Lealos **Affiliation:**
Address: 3815 116th AVE SW
City: Dickinson **State:** ND **Zip:** 58601

Received By:

Contact Person: Riley Lealos
3815 116th AVE SW
Dickinson, ND 58601

Distance Nearest Occupied Building: 0.63 Miles **Release Contained:** No

Type of Incident: 1" bleed valve failure on refinery crude line.

Description of Released Contaminant: Bakken Crude Oil

Volume Spilled: 2.50 gallons **Ag Related:** No

EPA Extremely Hazardous Substance: Unknown **Reported to NRC:** Unknown

Cause of Incident:

1" ball bleed valve failure caused 2.5 gallons of Bakken crude oil to spray out of containment to a permeable surface.

Risk Evaluation:

Based on quantity spilled the immediate health hazards are limited.

of Fatalities: 0 **# of Injuries:** 0 **Affected Medium:** 03 - soil

Potential Environmental Impacts:

Likelihood of spill impacting surface water, ground water is extremely limited. Depth of oil penetration was .5" soil that was saturated will be excavated and disposed of.

Action Taken or Planned:

Majority of the spill event was contained within concrete containment. An emergency MOC was generated to replace similar bleed valves in the unit. Contaminated soil will be excavated and crude oil inside containment will be removed. cleaning services have been scheduled.

Wastes Disposal Location: Oil saturated gravel will be contained on site and disposed of through Clean Harbors Waste Services.

Agencies Involved:

Updates

Date: 10/14/2016 **Status:** Reviewed - Follow-up Required

Author: Souder, Taylor

Updated Volume:

Notes:

Release of crude oil was not contained. Further follow-up needed.

Date: 10/17/2016 **Status:** Inspection

Author: Schiermeister, Robin

Updated Volume:

Notes:

Arrived on site at 13:32, 10-17-16. Company representative explained that, due to a loose valve, oil misted off location on the north side. The contaminated soil was removed and disposed as hazardous. The representative explained that the machinery will be cleaned off and those washings disposed of properly. No further follow-up is needed at this time.