

General Environmental Incident Summary

Incident: 4125 **Date/Time Notice:** 6/11/2016 1145 **DEM Incident No:**
Responsible Party: City of Bismarck
Date Incident: 6/11/2016 **Time Incident:** 0530 **Duration:** 4 hours
County: Burleigh **Twp:** 139 **Rng:** 80 **Sec:** 31 **Qtr:**
Lat: 46.81247 **Long:** -100.82050 **Method:** Interpolation from map
Location Description: Bismarck Water Treatment Plant, 615 River Road, PO Box 5503, Bismarck ND 58506.

Submitted By: Brian Young **Affiliation:** Water Plant Superintendent
Address: 615 River Road
PO Box 5503
City: Bismarck **State:** ND **Zip:** 58506

Received By:

Contact Person: Brian Young
615 River Road
PO Box 5503
Bismarck, ND 58506

Distance Nearest Occupied Building: 0.25 Miles **Release Contained:** Yes

Type of Incident: Tank Overflow

Description of Released Contaminant: Slaked Lime Solids

Volume Spilled: 50000.00 gallons **Ag Related:** No

EPA Extremely Hazardous Substance: No **Reported to NRC:** Unknown

Cause of Incident:

2 - Lime Solids Thickener's Overflowed.

Risk Evaluation:

Unknown

of Fatalities: 0 **# of Injuries:** 0 **Affected Medium:** 02 - water

Potential Environmental Impacts:

The lime solids went into the Missouri River. Unknown impacts?

Action Taken or Planned:

Closed valves from Missouri River to Water Plant to stop leak from going into Missouri River. Started up Lime Sludge Press and started removing solids from thickeners.

Future plans - we will evaluate our operation and how we are currently handling our lime solids and look at options to improve our process's.

Wastes Disposal Location:

Agencies Involved:

Updates

Date: 6/11/2016 **Status:** Inspection

Author: O'Gorman, Brian

Updated Volume:

Notes:

Arrived on location at 13:15. Met with the treatment plant supervisor who directed me to the release location and discussed how the incident occurred and what they did after the release had been discovered. Walked down to the river and observed the river. It appeared that the lime sludge had moved downstream and diluted with the river water. An area approximately 200 feet in length along the east bank and nearest the release location showed some slight discoloration. The plant supervisor conducted a pH test at the release location and reported that the results were 8.23, basically background readings for the river.

Date: 6/11/2016 **Status:** Reviewed - Assigned to NDDoH Division

Author: O'Gorman, Brian

Updated Volume:

Notes:

According to the report, 50,000 gallons of lime sludge was released into the Missouri River from the water treatment plant. More follow-up needed.

Date: 6/13/2016 **Status:** Reviewed - Assigned to NDDoH Division

Author: Haroldson, Marty

Updated Volume:

Notes:

NDPDES Program staff conducted an inspection of the water treatment plant and bypass. The inspection and bypass report can be found in the NDPDES database under permit number ND0000361.