

General Environmental Incident Summary

Incident: 3490 **Date/Time Notice:** 10/8/2014 1221 **DEM Incident No:**
Responsible Party: J. R. Simplot
Date Incident: 10/8/2014 **Time Incident:** 1050 **Duration:** 1 minutes
County: Grand Forks **Twp:** 152 **Rng:** 50 **Sec:** 32 **Qtr:**
Lat: 47.93356 **Long:** -97.07999 **Method:** Interpolation from map
Location Description: J. R. Simplot
3630 Gateway Drive
Grand Forks ND 58228
Submitted By: Scott Lund **Affiliation:**
Address: 3620 Gateway Drive
City: Grand Forks **State:** ND **Zip:** 58201

Received By:

Contact Person: Scott Lund
3630 Gateway Drive
Grand Forks, ND 58203

Distance Nearest Occupied Building: 500 Feet **Release Contained:** No

Type of Incident: Tank Overflow

Description of Released Contaminant: Process water from French Fry Factory

Volume Spilled: 1500.00 gallons **Ag Related:** No

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

Cause of Incident:

We had 1 of 3 pumps down in our pump house due to maintenance. The 2nd pump was operating, however we found that the programming was not correct to all the 3rd pump to start when the level reached the high state. Because the 3rd pump did not start, process water overflowed the station for approximately 1 minute and that water reached the stormwater drain.

Risk Evaluation:

NA

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

Potential Environmental Impacts:

Potential impact to the English Coulee in Grand Forks. We have contacted Bill Sukalski with the City of Grand Forks to take water samples both upstream and downstream of the stormwater entry point to help determine the impact.

Action Taken or Planned:

Because the duration was only 1 minute, we did not have time to contain the spill before the water reached the storm water drain.

The programming concern has been fixed to allow all pumps to start regardless of the level when a specific pump is down for maintenance.

Wastes Disposal Location: NA

Agencies Involved: NDDDES, Bill Sukalski City of GF

Updates

Date: 10/8/2014 **Status:** Reviewed - Assigned to NDDoH Division **Author:** O'Gorman, Brian

Updated Volume:

Notes:

Spoke with company contact at 13:25 CT. Contact confirmed information in report and confirmed that he had spoken with the NDDoH Division of Water Quality. Sampling upstream and downstream of the English Coulee would be conducted and reported to Water Quality. Water Quality retains oversight.

Date: 10/8/2014 **Status:** Correspondence **Author:** Grossman, Dallas

Updated Volume:

Notes:

Simplot contacted NDDOH at 1144 to report the release. Between 0800 and 0830, internal notification at the facility was received of a pump making noise and leaking oil. Maintenance shut off the pump to make repairs to the pump. Two additional pumps are located in the pump house. All three pumps are meant to operate in sequence so that two pumps can manage flows when one pump is not operating. The pump sequencing program was not correct which resulted in only one pump operating after the high water level alarm was reached, instead of two. When the overflow began, the facility's first response was to turn on the third pump. The facility did not have enough response time to stop the spill from entering the storm sewer or English Coulee. The facility contacted the city to conduct sampling and monitoring upstream and downstream of the outfall to English Coulee. The facility has already updated the pump sequencing program.

The department later left a message with the facility at 1330 to see if a sample could be collected of the process water to characterize the waste.

Date: 10/10/2014 **Status:** Inspection **Author:** Grossman, Dallas

Updated Volume:

Notes:

I contacted Bill Sukalski with the City of Grand Forks in regard to the city's monitoring activities. Bill said he collected samples from English Coulee upstream and downstream of the storm sewer outfall. He also collected a sample of the discharge from the outfall. He said he analyzed the samples for pH, TSS, BOD and E. coli, and was waiting for results. Bill said he did not observe any impacts at his downstream sample point and has been monitoring for any impacts downstream. His downstream sample point was about 100 yards from the outfall. He said on the day of the incident that the discharge had dissipated within 30 minutes of the spill and could not be seen in English Coulee. I updated Jessica Johnson with the U.S. Fish and Wildlife Service about the city's activities.

Date: 10/10/2014 **Status:** Inspection

Author: Grossman, Dallas

Updated Volume:

Notes:

I received a call from Jessica Johnson with the U.S. Fish and Wildlife Service. She had questions about the characteristics of the water and if the NDDoH had any concerns with impacts to the Red River. She was wondering if the water was from the potato washing process. I told her the water came from the french fry process, so there would have been a lot of starch in it and would have had a high BOD concentration. As far as downstream concerns, I said we would be concerned because of the potential for a high BOD loading, and that the City of Grand Forks was monitoring downstream for any impacts. I said I would contact the city and let her know what was observed.

Date: 11/3/2014 **Status:** Inspection

Author: Schuett, Patrick

Updated Volume:

Notes:

Refer to NDPDES Permit NDR05-0049 for further information.