# General Environmental Incident Summary

*Incident:* 5858 *Notice:* 9/13/2018 1145 *Occurred:* 9/13/2018 1145

DEM Incident No: No Further Action: ✓

Responsible Party: Cody Jack Hatzenbuhler

County: Morton

Twp Rng Sec Qtr: 139 81 23

Lat Long + Method: 46.83688 -100.87290 Interpolation from map

Location Description: The spill of a dark brown sticky substance was located on the east bound

onramp at the I-94 Exit 153. The spilled substance ran down the east curb on Mandan Avenue NE and ended at the storm water inlet going to the NDDOT ditch right-of-way. The substance was identified as a molasses based cattle feed supplement (See substance released box for description).

Submitted By Info: DUANE SANDVICK

NDDoH Spill Response Team member 918 EAST DIVIDE AVENUE, 4TH FLOOR

BISMARCK ND 58501-1947

Received By Info: ND SANDVICK

Contact Info: Cody Hatzenbuhler

5001 39th Ave. NW Mandan ND 58554

Affected Medium: 03 - soil
Near. Occupied Bldg: 500 Feet

Type of Incident: spilled substance on roadway

Release Contained: Yes

Reported to NRC: Unknown

CowBos(TM) Sweet - www.CowBos.com - a protein, energy, vitiman &

trace minerals supplement for beef cattle (molasses based)

Volume of Release: 100 gallons

Duration of Release: 5 minutes

Agriculture Related: No

**EPA Extremely** 

Hazardous Substance: No Number of Fatalities: 0 Number of Injuries: 0

Cause of Incident:

Tank containing the molasses substance developed a hole that caused the substance to leak unto the roadway. The responsible party was not initially aware of the leak and continued a short distance until the responsible party noticed the spilled substance on the roadway and stopped to attempt to stop the leak. The responsible party returned to his place to unload the remainder of the tank's contents.

## Risk Evaluation:

None

#### Potential Env. Impacts:

It is possible some ditch vegetation may be affected by the diluted substance. NDDOT was made are of the possible effects to the ditch vegetation.

#### Action Taken/Planned:

The spill was called in by a concerned citizen to state radio. The North Dakota Highway Patrol responded to the spill site at 11:45 am on September 13, 2018. Several emergency responders

including the NDDOT and North Dakota Department of Health responded to the spill site. The spilled molasses substance (after identified and determined to be water soluble by Bismarck Fire Department Haz-Mat) was washed with fresh water from the roadway by the NDDOT specialty equipment called to the site. The diluted molasses substance flowed from the I-94 onramp into the east curb on Mandan Ave. NE into a storm water inlet that led to NDDOT ditch right-of-way. A sand berm was constructed (from materials brought in by NDDOT) in the ditch right-of-way to prevent the diluted substance from migrating to any water body of the state and also to contain the diluted substance. An estimated 500-800 gallons of fresh water was used by the NDDOT to wash and clean the roadways affected by the spilled substance.

## Wastes Disposal Location:

No wastes were recovered. The diluted substance was allowed to flow into the NDDOT ditch right-ofway. The substance was determined to be none toxic and posed no risk to the environment. However it is possible some ditch vegetation may be affected by the diluted substance. NDDOT was made are of the possible effects to the ditch vegetation.

## Other Agencies Involved:

NDDES, State Highway Patrol, Local Fire Department, Local Law Enforcement, Local Emergency Manager, Bismarck Fire Department Haz-Mat

## **Updates**

Date: 9/13/2018 Status: Reviewed - Follow-up Required

Author: Sandvick, Duane

#### Notes:

This environmental incident spill occurred on September 13, 2018 and was reported by a concerned citizen to state radio. The North Dakota Highway Patrol (NDHP) was the first to respond to the incident at 11:45 am CDT. The spill was cleaned up and contained by 3:45 pm on September 13, 2018. The responsible party did not report the incident. A search by the NDHP for the responsible party ended successfully the evening of September 13, 2018.

Photos of the spill site and the clean up are in the general environmental incident report folder noted in the report. The folder also includes information and files from the North Dakota Highway Patrol's Case File 2018005450.

Updated Volume: 200 gallons

Date: 9/18/2018 Status: Inspection

Author: Sandvick, Duane

#### Notes:

On September 14, 2018 a North Dakota Department of Health (department) representative visited the spill site and took four photos. The roadway shows very few signs of the spill (only one spot on the curb of Mandan Ave. NW) and the constructed berm functioned properly by preventing the diluted molasses substance from spreading beyond the NDDOT ditch right-of-way and impacting waters of the state. The department is going to monitor the impacted NDDOT right-of-way for vegetation degradation.

The department representative spoke with the responsible party on the morning of September 18, 2018 to gather information from the perspective of the responsible party to assist the department with the General Environmental Incident reporting. The responsible party stated in the phone interview, he was not immediately aware the tank had been punctured and was leaking onto the roadway. The responsible party also stated he was not aware he needed to report the spill incident to the department because the makeup of the spilled substance was primarily molasses and not toxic.

Updated Volume: None at the time of this update