

General Environmental Incident Summary

Incident: 3225 **Date/Time Notice:** 3/4/2014 12:47p **DEM Incident No:**
Responsible Party: Fargo Public Schools
Date Incident: 3/2/2014 **Time Incident:** 1528 **Duration:** 35 minutes
County: Cass **Twp:** 140 **Rng:** 48 **Sec:** 31 **Qtr:**
Lat: 46.89619 **Long:** -96.79191 **Method:** Interpolation from map
Location Description: Ben Franklin Middle School 1420 8th St N Fargo, ND 58102

Submitted By: Jeremy Wolf **Affiliation:**
Address: 419 N 3rd St
City: Fargo **State:** ND **Zip:** 58102

Received By:

Contact Person: Jeremy Wolf
415 N 4th St
Fargo, ND 58102

Distance Nearest Occupied Building: 85 Feet **Release Contained:** Yes

Type of Incident: Tank Overflow

Description of Released Contaminant: #2 Fuel Oil

Volume Spilled: 100.00 gallons **Ag Related:** No

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

Cause of Incident:

Pump in boiler room pumped fuel oil from our underground storage tank and into our day tank in our generator room. The pump did not shut off when the day tank overflowed itself and the fuel oil exited the day tank through its vertical vent piping to the exterior, flowed onto a small roof section of the building, and proceeded out of our roof scupper, and into our parking lot.

Risk Evaluation:

Fuel oil leak was exterior to the building with the exception of about 3 gallons that dripped onto our generator floor from the day tank itself and the vertical day tank vent stack.

of Fatalities: 0 **# of Injuries:** 0 **Affected Medium:** 05 - air and soil

Potential Environmental Impacts:

Ground was frozen. Fuel Oil spilled onto a 3 foot by 4 foot section of grass underneath our roof scupper and then proceeded onto our concrete sidewalk and parking lot. A small portion of fuel oil did enter the storm sewer grate in this same parking lot.

Action Taken or Planned:

Fargo Fire department responded immediately and called our local Hazmat team, and also helped stop flow of fuel oil with Fargo Public Schools staff. Fargo Fire Department deployed specialized soaking mats to soak up fuel oil and spread out many bags of oil dry supplied by Hazmat. Ground was frozen so parking lot and surrounding area was scraped 2 hours after incident to pick up oil dry and soaking mats by the Fargo Public Schools grounds department and then loaded onto a Fargo Public Schools dump truck. Sand was then reapplied to spill area and the sand will remain until Thursday of this week. Rubber roof will need to be replaced this spring. Fuel pump "on" circuit has

been eliminated & pump "auto" circuit is in process of being evaluated to see if we are able to employ more safety switches inside the day tank itself to automatically shut off fuel oil pumps during an future emergency tank overfill situation.

Wastes Disposal Location: The recovered oil dry and fuel oil mats were taken to the City of Fargo landfill. The recovered sand from the parking lot will also be taken to the City of Fargo landfill.

Agencies Involved: Local Fire Department, Local Law Enforcement, Local Emergency Manager

Updates

Date: 3/4/2014 **Status:** Reviewed - Assigned to NDDoH Division **Author:** Roberts, Kris

Updated Volume:

Notes:

Release due to fuel transfer pump malfunction. Waste Management - Tank Program followed up.