

General Environmental Incident Summary

Incident: 5889

Notice: 10/24/2018

Occurred: 10/19/2018 1200

DEM Incident No:

No Further Action:

Responsible Party: Keith Leier

County: Cass

Twp Rng Sec Qtr: 139 48 6 NE SW SE

Lat Long + Method: 46.87865 -96.78677 Interpolation from map

Location Description: Block 9 Redevelopment Project
Cross streets of Broadway Avenue and 3rd Avenue North, Fargo, North Dakota

Submitted By Info: Josh Kadrmas
Braun Intertec
526 10th Street NE Suite 300
Fargo ND

Received By Info:

Contact Info:

210 Broadway N #300
Fargo ND 58102

Affected Medium: 03 - soil

Near. Occupied Bldg:

Type of Incident: Fill soils excavated out for redevelopment

Release Contained: No

Reported to NRC: Unknown

Contaminant: diesel range organics (DRO), and polycyclic aromatic hydrocarbons (PAHs), Metals (Arsenic and Total Chromium)

Volume of Release:

Duration of Release:

Agriculture Related: No

EPA Extremely

Hazardous Substance: No

Number of Fatalities:

Number of Injuries:

Cause of Incident:

Soils were being excavated for a redevelopment site in Fargo off Broadway Avenue and 3rd Avenue North. Sampling was not conducted prior to excavation activities so as excavation activities were happening soils were sampled for documentation purposes and possible off-site reuse. Analytical results came back with some soil samples exceeding the EPA Regional Screening Levels for PAHs and Metals. One sample exceeded state standards for petroleum hydrocarbons

Risk Evaluation:

Soils within the area could be an environmental concern if placed at a residential or commercial site for reuse. No immediate risks identified.

Potential Env. Impacts:

Unknown at this time.

Action Taken/Planned:

Soil excavated was sent to three different sites nearby :

- City of Fargo Landfill

4501, 7th Ave N, Fargo, ND 58102
Clay material on dry days

- Aggregate Industries
711 Aggregate Industries Dr N, Fargo, ND 58102
Concrete, asphalt and brick rubble

- Strata Corporation
7141 12th Ave S, Moorhead, MN 56560
Clay and sand material on wet days (when City landfill is closed)

- Sudro Hall
Fargo, ND 58105
Material suitable for fill

At the moment soils are remaining there until further discussion and action takes place.

Wastes Disposal Location:

Other Agencies Involved:

Updates

Date: 10/24/2018 ***Status:*** Reviewed - Assigned to NDDEQ Division

Author: Crowdus, Kory

Notes:

Report forwarded to the Division of Water Quality.

Updated Volume: None at the time of this update

Date: 12/26/2018 **Status:** Reviewed - No Action Required

Author: Roob, Christine

Notes:

The following email was submitted to the Christine Roob on December 21, 2018 from Josh Kadrmaz, Braun Intertec:

"On Wednesday, I went out and reviewed the excavation sidewall along Broadway, characterized by sidewall samples SW-1 and SW-2. As you can see from the attached pictures, a large portion of the sidewall is old brick or concrete foundation wall that extends under the existing sidewalk. The portion of the sidewall that was soil in the area of SW-1 measured approximately 30 long and was 4 to 6 feet high between a lower concrete footing and the sidewalk above. The soil in this areas consisted of a silty sand with inclusions of blackened brick rubble. No visible staining was observed.

I divided the area into 4 horizontal sections and took headspace PID readings from each section. From south to north the PID readings were 3.8, 51.3, 4.7 and 4.0. ppm. Despite the one elevated PID reading, no odor was evident on any of the material.

In summary, the area characterized by sidewall sample SW-1 appears to represent an area of minimal residual contamination. Additional removal of material would further undermine the sidewalk and may also undermine the street pavement. Since the residual contamination appears to be minimal, has a low potential for migration, and will remain isolated from exposure pathways by pavement or other impervious materials, we do not see a significant benefit in removing additional material."

No further action is required for this site.

Updated Volume: None at the time of this update