

General Environmental Incident Summary

Incident: 2046 **Date/Time Notice:** 9/18/2013 1200 M **DEM Incident No:**

Responsible Party: RN Industries

Date Incident: 9/17/2013 **Time Incident:** 0727 MD **Duration:**

County: Slope **Twp:** 135 **Rng:** 99 **Sec:** 12 **Qtr:**

Lat: 46.52616 **Long:** -103.06860 **Method:** Navigation quality GPS

Location Description: GPS Coordinates: 46.52611; -103.0674 location is on ND Hwy 21

Submitted By: Gary Richins

Affiliation:

Address:

City:

State:

Zip:

Received By:

Contact Person: Gary Richins
PO Box 98
Roosevelt, UT 84066

Distance Nearest Occupied Building: 0.5 Miles

Type of Incident: Vehicle Accident

Description of Released Contaminant: Weatherford friction reducer (gel) WFR-55-LA

Volume Spilled: 1200.00 gallons **Ag Related:** No

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

Cause of Incident:

An RNI tractor pulling a flatbed trailer loaded with 13 totes of WFR-55-LA rolled over spilling its load resulting in 5 of the totes rupturing and partially spilling their contents onto the ND Hwy 21 ROW.

Risk Evaluation:

Minimal skin and breathing contact risk from the spilled material.

of Fatalities: 0 **# of Injuries:** 0 **Affected Medium:** 03 - soil

Potential Environmental Impacts:

Due to its location (HWY 21 ROW) and the physical nature of the spilled product (gel), little or no impacts to the natural environment are expected. The spilled material only penetrated the soil to a depth of +/-1-inch.

Action Taken or Planned:

RNI contacted Weatherford and Clean Harbors who responded to the spill. RNI and Clean Harbors are conducting the cleanup. Liquid wastes will be disposed of by RNI at the Windy Buttes Reclamation Facility. Clean Harbors will dispose of product contaminated dirt at their Sawyer disposal facility.

Wastes Disposal Location: Liquid wastes will be disposed of at Windy Buttes Reclamation. Product contaminated dirt will be disposed of at the CH Sawyer Disposal Facility.

Agencies Involved: State Highway Patrol, Local Law Enforcement

Updates

Date: 9/17/2013 **Status:** Inspection

Author: Miller, Adam

Updated Volume:

Notes:

1230- Left NDDH building. Called Chemtrec en route to advise on proper procedure for clean up and safety precautions.

1600-Arrived on site with Brian O'Gorman. Fluids were contained in 300 gallon "cage tanks". Some shuttles had lost all fluids, some still contained fluid. Personnel cut small holes in top of tank for vacuum truck access. Emptied tanks would loaded back on to flat bed trailer or placed in lined roll-off container. Soil is going to be scraped to necessary depth and placed in the roll off container.

1600-2000 - Brian and I oversaw and advised on clean up operations. We spoke with the local sheriff Pat Lorge and advised him of the actions on site personnel and the NDDH was taking. Visited at length with Tom Muth of RNI Trucking who was in charge of clean up operations and advised him of what the Department wanted to see for clean up efforts. The Slope county emergency manager did visit the site and the safety officer for Clean Harbors, who was contracted for clean up services, spoke with him at length.

Clean up of the fluid material was difficult and slow as it plugged up the vacuum truck and was not easily moved with the vacuum truck. Weather reports indicated that rain was possible and clean up would not be complete before it would arrive. I advised construction of lined pit downhill of the spill to collect any potential runoff (see pictures). The Clean Harbors safety officer and I agreed that if safety became an issued with the coming storm (lightning) operations would have to be temporarily suspended.

Brian and myself collected numerous pictures throughout the operation.

N 46 degrees 31.570'

W 103 degrees 04.117'

Date: 9/18/2013 **Status:** Inspection

Author: Miller, Adam

Updated Volume:

Notes:

I contacted the Southwest District Health Unit and the distric DOT offices to alert them of the spill and to advise them of the actions already taken for clean up of the spill.

Date: 9/18/2013 **Status:** Inspection

Author: Miller, Adam

Updated Volume:

Notes:

Adam and Brian update

Date: 9/19/2013 **Status:** Inspection

Author: Stockdill, Scott

Updated Volume:

Notes:

Arrived on location 9:50 AM CST 9/19/2013.

Entire extent of the spill cleaned up with some residual white powder on the highway. Contaminated material placed in two roll off containers onsite that are covered in tarps to prevent cross contamination with rainwater. There is still a skid-steer loader still on location.

Date: 6/13/2016 **Status:** Inspection

Author: Martin, Russell

Updated Volume:

Notes:

6/13/2016 at ~14:30; drove along Hwy 21. No visible white powder on highway. Vegetation is thick in the highway right of way. All equipment is gone, including the rolloffs. No further follow-up required at this time.