

General Environmental Incident Summary

Incident: 3402 **Date/Time Notice:** 7/28/2014 10:10 **DEM Incident No:**
Responsible Party: Red River Supply Co
Date Incident: 7/22/2014 **Time Incident:** 0100 **Duration:** 7 days
County: Williams **Twp:** 154 **Rng:** 100 **Sec:** 19 **Qtr:**
Lat: 48.14599 **Long:** -103.60340 **Method:** Interpolation from map
Location Description: Red River Supply, East Broadway Ave, Williston

Submitted By: Kris Roberts **Affiliation:** ND DoH Response Team
Address: 918 E. Divide Ave
4th Floor
City: Bismarck **State:** ND **Zip:** 58501-1947

Received By: Kris Roberts ND DoH
Contact Person: Michael Crocker
1202 E. Broadway
PO Box 1146
Williston, ND 58802

Distance Nearest Occupied Building: 0 Feet **Release Contained:** No
Type of Incident: Fire

Description of Released Contaminant: Various and multiple oil field chemicals and other supply substances.

Volume Spilled: **Ag Related:** No
EPA Extremely Hazardous Substance: Yes **Reported to NRC:** Yes

Cause of Incident:
Still unknown at this time.

Risk Evaluation:
All risks being monitored and controlled.

of Fatalities: 0 **# of Injuries:** 0 **Affected Medium:** 07 - Air, Water, and Soil

Potential Environmental Impacts:
Storm water system impacts. Aquatic life in Little Muddy Relief Channel impacted. Surface water being assessed.

Action Taken or Planned:
Storm drains blocked as soon as possible, Outfall into Little Muddy Relief Channel isolated to extent possible, and a steps being taken to test and treat the water than got into that channel. Garner Environmental and CTEH are the response and cleanup contractors, and have large crews on location to monitor and control until allowed to begin fire building cleanup.

Wastes Disposal Location: This is a work in progress.

Agencies Involved: NDDDES, State Fire Marshal, State Highway Patrol, Local Fire Department, Local Law Enforcement, Local Emergency Manager, USEPA OSC

Updates

Date: 7/22/2014 **Status:** Inspection

Author: O'Gorman, Brian

Updated Volume:

Notes:

Arrived at location roadblocks at 7:00 and was re-directed to the Williams County Law Enforcement Center to meet with the Williams County Emergency Manager. Received updates from the emergency manager regarding condition of the fire and response teams in action. Arrived at west end of road block and met with Garner representative who was quoted as being the responsible party for the surface water and soils cleanup. The Garner representative also explained that they would have a Hazmat team on-site by 19:00 to assess the hazardous materials situation. Also met with the ND National Guard Civil Support Team Session Leader who explained that they were monitoring the air quality around the fire. Met with the Williston Fire Chief who stated that they were putting water on the fire and that the water used was controlled on the location with no estimate on how much had reached the Little Muddy River. Spoke with the City of Williston Foreman who provided street maps with storm-water drainage pipes locations. Met with another representative of the National Guard who escorted me within the road block area to collect one water sample from fire suppression run-off water next to the storm drain, north of the fire and one soil sample from the gravel parking lot north of the building that had been burned. Samples collected at 14:15. Attended a public information meeting at the Williams County Emergency Management Office at 15:00 to inform public of current condition of fire, air and water in the vicinity. Observed Site and took photos.

Date: 7/22/2014 **Status:** Reviewed - Follow-up Required

Author: Roberts, Kris

Updated Volume:

Notes:

Chemical fire in Williston warehouse of Red River Supply. Follow-up began at 06:00 through the DoH office, and we had inspectors on location by 09:00. The fire is under control and being allowed to burn out because of chemicals involved.

Date: 7/23/2014 **Status:** Inspection

Author: O'Gorman, Brian

Updated Volume:

Notes:

Arrived on location at 13:08. Met with NDDoH air quality personnel, Environmental Protection Agency (EPA) Superfund Technical Assessment & Response Team (START), and the EPA On-Scene Commander (OSC). Collected three water samples from the relief channel (South of sand berm, between berms and north of berm) east of the fire location at 15:13. Observed Site and took photos.

Date: 7/24/2014 **Status:** Inspection

Author: O'Gorman, Brian

Updated Volume:

Notes:

Arrived on location at 7:00. Attended safety meeting to discuss worker safety measures and to introduce the Director of Health and Safety for the command consulting firm. Discussions included: lightning safety, hi-visibility vests, daily sign in, opening of road time-table, latex boots, latex gloves around impacted areas and level D Personal Protection Equipment (PPE) required within zoned area. Attended tactical meeting with environmental consultant, sub-contractors, EPA and NDDoH at 8:00. Discussed installation of fence around perimeter, wind sock for wind direction, progress of the 2 foot earthen berm around the impacted area. Met with the Operations manager and the projects manager. Also discussed small flare-ups associated with the remaining debris and having a private fire response team added to the group on-site the next day to relieve the Williston fire Department. Met with the representative from a toxicology group that would be assessing the lab data and providing technical support. Toxicology group had also collected water samples for analysis that should be ready for observations in two days.

Collected two more water samples from the relief channel east of the site at 9:20.

Attended a teleconference with the US Army Corps of Engineers (USACE), NDDoH, and local entities at 9:35.

Observed City of Williston Public Works and EPA START contractors collect Dissolved Oxygen (DO) readings from the relief channel, south of the outlet culvert to north of the USACE offices. Reading were in the 7 to 8 mg/L near the USACE offices, furthest away from the release to 5 to 6 mg/L south of the Railroad tracks.

14:00 - Observed contractors installing "supersacks" in relief drainage area east of the USACE offices.

Observed Site and took photos.

Date: 7/25/2014 **Status:** Inspection

Author: O'Gorman, Brian

Updated Volume:

Notes:

Arrived on location at 7:00. Attended safety meeting where off-site operations were discussed, berm building, aeration, pumping and metal removal. Attended tactical meeting at 8:00. Topics discussed: Continuing north drainage pumps (2 8" diesel pumps), moving product off of Schlumberger's property, contacting private fire company for containment, having a chemist in-transit to categorize hazardous and non-hazardous materials and dealing with Broadway being open for traffic.

Operations meeting at 16:00 where they identified respiration hazard zone, decontamination areas for people and equipment, established the Public Information Officer (PIO), announced that a 4 man fire suppression team would be on-site 7/26/14, downwind respiratory protection for workers, setting up a badge system for on-site identification and Volatile Organic Compounds (VOC) associated with the scattered foam which was said to be produced by the burning drywall and insulation.

Observed Site with EPA and took photos.

Date: 7/26/2014 **Status:** Inspection

Author: O'Gorman, Brian

Updated Volume:

Notes:

Tactical meeting at 8:00. Discussed: Unauthorized civilians on-Site during operations, recovering the hard and soft booms from relief channel, signing work plans and met with the waste segregation (chemist) specialist for eventual waste removal and proper disposal discussion.

16:00 - Incident Briefing to discuss, traffic control, monitoring of hard and soft booms, recon into exclusion zone, Schlumberger property, wash pumps, surveying contaminated soils around property and repairing sandbag berm in relief channel.

Observed Site and took photos.

Updated Volume:

Notes:

Arrived at the Operations meeting 8:00. Discussed the possibility of putting Visqueen sheeting over lime pile to suppress dust, personal decontamination area constructions and Schlumberger property soil impact removal. Three water samples were collected by EPA START personnel for NDDoH analysis in the relief channel north of the railroad tracks, south of the railroad tracks and east of the USACE offices.
Observed Site and took photos.