

General Environmental Incident Summary

Incident: 3654 **Date/Time Notice:** 2/14/2015 **DEM Incident No:**

Responsible Party: Caliber Midstream

Date Incident: 2/13/2015 **Time Incident:** 0400 **Duration:**

County: McKenzie **Twp:** 151 **Rng:** 104 **Sec:** 36 **Qtr:**

Lat: 47.85777 **Long:** -103.93960 **Method:** Interpolation from map

Location Description: Caliber Midstream Cartwright Water Depot

Submitted By: Skip Vest

Affiliation: Caliber Midstream

Address: 1200 17th st suite 2100

City: denver

State: CO

Zip: 80202

Received By:

Contact Person: Skip Vest
1200 17th st suite 2100
denver, CO 80202

Distance Nearest Occupied Building: 0.5 Miles **Release Contained:** No

Type of Incident: Truck overflow

Description of Released Contaminant: Crude Oil

Volume Spilled: 30.00 barrels **Ag Related:** No

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

Cause of Incident:

Truck filling with freshwater at Caliber Midstream Water Depot apparently already had oil in his tank. Truck overflowed and oil spilled out through overflow vent. The truck driver did not report the incident, and fled the scene.
The lack of responsible action on the part of the truck driver allowed oil to migrate off site.

Risk Evaluation:

Soil and water impacts.

of Fatalities: 0 **# of Injuries:** 0 **Affected Medium:** 04 - water and soil

Potential Environmental Impacts:

Crude oil impacts to facility soil, offsite adjacent soils, surface water in small stream and pond.

Action Taken or Planned:

Contaminated soil will be excavated and disposed at an oilfield approved facility. Crews from LT Environmental and Garner Environmental are evaluating clean up options now.

Wastes Disposal Location: Tervita facility

Agencies Involved: Local Emergency Manager

Updates

Date: 2/14/2015 **Status:** Inspection

Author: O'Gorman, Brian

Updated Volume:

Notes:

Arrived on location at 12:14 p.m. Light snow, overcast, 5 degrees F, SE wind 15-25 mph. Met with Caliber Midstream representative, cleanup contractor representative and environmental consultant. Walked area with representatives and observed site and took photos. According to the Caliber rep, the release occurred on the facility and overtopped the constructed berm during the melt of snow and ice yesterday 2/13/15. The oil and water had moved south off the facility, then west downgradient approximately 50 yards to a drainage area with water currently within the banks. The drainage area was obstructed to the south by an old railroad embankment that had a 3-foot culvert for flow under the embankment to the south. Water levels were below the culvert and did not travel south toward Charbonneau Creek, which was approximately 150 yards south of the embankment. Oil-absorbent booms had been placed on the drainage area approximately 150 yards upstream. According to the consultant, the oil was contained within the area to the most upstream boom. Snow-covered ice and vegetation obscured visual observations during the inspection. According to the cleanup contractor, they will be mobilizing equipment to remove soil and ice to remediate the impacted soils, vegetation and waters tomorrow. Cleanup contractor emailed a short work plan and work schedule for assessment, which has been placed into the folder. Confirmation sampling for NDDoH verification was recommended for assessment and closure of the cleanup. Further followup is needed to observe extent of release and document necessary cleanup actions.

Date: 2/14/2015 **Status:** Reviewed - Follow-up Required

Author: Roberts, Kris

Updated Volume:

Notes:

NDDoH - O'Gorman responded on 2/15/2015.

Date: 2/15/2015 **Status:** Inspection

Author: O'Gorman, Brian

Updated Volume:

Notes:

Arrived on location at 12:30 p.m. Mostly cloudy, 21 degrees F, SW wind 5-15 mph. Observed site and took photos. While on site, the contractor had a bucket excavator and caterpillar removing soil from the loading surface. Observed that the drainage area was cleaned of the snow cover by the contractor, and impacts appeared to be frozen into the upper portion of the ice and extended to the furthest absorbent booms placed north of the release area. Spoke to the cleanup contractor who informed me they were going to remove impacted soil downgradient to the drainage area, remove the ice with the backhoe excavator, and use oil-absorbent pads/booms to remove any product within any waters below the ice. He estimated they should be finished by Monday or Tuesday. I also spoke with the environmental consultant who stated they would send us results from their confirmation sampling when finished. Further followup required.

Date: 2/18/2015 **Status:** Inspection

Author: Espe, Brady

Updated Volume:

Notes:

10:38 a.m. The weather is clear, 2 °F with wind from the northwest at 0-5 mph. Met with the consultant company personnel. The impacted soil has been scraped up and placed in rolloff containers. They will be sampling soil to verify cleanup. They have pumped out the overflow trench that flows into the drainage. Absorbent booms have been placed in this trench, along with check dams, to catch any residual oil during melting. The main drainage was frozen solid, and the top of the ice has been cleaned off. Could not see any staining on the ice; absorbent booms have been placed on top of the ice for a couple hundred yards to help catch any residual oil that may be left during melting. They will continue to monitor through the spring melting. A report and sample results will be submitted to the NDDoH. More followup needed.

Date: 5/20/2015 **Status:** Inspection

Author: O'Gorman, Brian

Updated Volume:

Notes:

Arrived on location at 15:40. 66 degrees F, sunny, NW wind 10-15 mph. Walked the oxbow area north of the old railroad embankment and took photos. The north portion of the creek showed some residual oil on creek bank vegetation and tree bark at high water level during the release. Negligible amount of water in the north portion of the creek; however, oil-absorbent booms still along the creek bottom. The booms will need to be removed and disposed of properly before closing. Walked over the railroad embankment to the southern portion of the oxbow and did not notice any petroleum impacts. This area had water contained within its banks. Took photos of the southern portion of the oxbow and an area where the oxbow flows into Charbonneau Creek. No petroleum product observed in creek either. More followup needed to review final cleanup plan and ensure disposal of booms still present in oxbow drainage area.

Date: 7/21/2015 **Status:** Inspection

Author: Espe, Brady

Updated Volume:

Notes:

I arrived at the site at 12:41 p.m. The weather was sunny, 83°F, with the wind from the south 10-15 mph. Trench for the water depot discharge has been lined with synthetic material and rocks. I could not see any sheen or sign of crude in this area. The oxbow area is dry; the booms are still in place. The booms are dry, a couple booms are stained. I could not see any issues with the vegetation in the oxbow area. I Left a message with the company contact on spill report about removing booms. More follow-up needed to check on boom removal.

Date: 7/23/2015 **Status:** Awaiting Documentation

Author: Espe, Brady

Updated Volume:

Notes:

11:20 a.m. I was able to talk to the company contact about the booms. He has made a call to the clean-up company. They were waiting on the sample results. He will be submitting the samples and reports to the Department of Health.

Date: 7/28/2015 **Status:** Correspondence

Author: Espe, Brady

Updated Volume:

Notes:

Received final clean-up report.

Date: 7/28/2015 **Status:** Inspection

Author: Crowdus, Kory

Updated Volume:

Notes:

At location 7/28/15, at 11:40am. Site remained unchanged in comparison to previous inspections. There is some water flowing in lined area due to recent rainfall. Booms are still in place. More follow-up is required to check on boom removal.

Date: 8/13/2015 **Status:** Inspection

Author: Espe, Brady

Updated Volume:

Notes:

I arrived at the site at 13:12 p.m. The weather was sunny, 91°F, with the wind from the northwest 0-5 mph. The socks have been removed from the sides and placed in the middle of the oxbow bed. More followup required.

Date: 8/14/2015 **Status:** Correspondence

Author: Espe, Brady

Updated Volume:

Notes:

Left message with contact about the socks still being piled in the oxbow.