

General Environmental Incident Summary

Incident: 3897 **Date/Time Notice:** 9/7/2015 1738 **DEM Incident No:**

Responsible Party: Canadian Pacific

Date Incident: 9/6/2015 **Time Incident:** 0720 **Duration:**

County: Wells **Twp:** 150 **Rng:** 73 **Sec:** 26 **Qtr:**

Lat: 47.78903 **Long:** -99.98252 **Method:** Interpolation from map

Location Description: Canadian Pacific (CP), Portal Subdivision, MP 399.2 - 398. Closest street crossing is Highway 52 & 28th Ave NE. Approximately 2 miles west of Harvey.

Submitted By: Chad Livingston

Affiliation: Canadian Pacific

Address: 120 S. 6th Street

9th Floor

City: Minneapolis

State: MN

Zip: 55402

Received By:

Contact Person: Chad Livingston
120 S. 6th Street
9th Floor
Minneapolis, MN 55402

Distance Nearest Occupied Building: 1200 Feet

Release Contained: Yes

Type of Incident: Locomotive Diesel Fuel Leak

Description of Released Contaminant: Diesel Fuel

Volume Spilled: 500.00 gallons

Ag Related: No

EPA Extremely Hazardous Substance: No

Reported to NRC: Yes

Cause of Incident:

Cause was mechanical failure of Fuel Filter. Train was moving when fuel filter failed but it was not discovered initially. Diesel fuel leaked from locomotive on to railroad ballast while moving. Distance impacted is approximately 1.2 miles on two parallel railroad tracks. Train moved from one track to second track while diesel fuel was leaking before the leak was discovered.

Risk Evaluation:

N/A

of Fatalities:

of Injuries:

Affected Medium: 09 - other

Potential Environmental Impacts:

Potential for Environmental impacts is low. Diesel fuel is contained within ballast and will breakdown.

Action Taken or Planned:

CP railroad crew discovered leak, shut down the locomotive upon discovery and reported the incident to CP operations center per company policy. CP operations center notified CP management including the CP environmental officer and CP mechanical department. Local CP mechanical department was dispatched to repair the locomotive and Wenck Response to the incident site to assess impact, initiate

necessary mitigation measures and complete remediation of impacted area. CP Environmental Officer traveled to incident site via commercial aircraft.

Wenck Response arrived on scene and reported back to CP Environmental Officer that the release sprayed the railroad ballast on two different railroad tracks for approximately 1.2 miles. No waterways / environmentally sensitive areas were impacted and the diesel fuel was contained within the ballast. Additionally, due to the fact that the release occurred while the locomotive was moving there was no pooling of free product or visible high concentrations of diesel fuel. The decision was made by CP Environmental Officer to remediate the impacted area by using micro-blaze. This was initiated on 9/6/15 and completed on the afternoon of 9/7/15.

No further action is planned due to the diesel fuel being contained within the railroad ballast and the application of micro-blaze will breakdown the diesel fuel.

Wastes Disposal Location: No waste generated.

Agencies Involved: NRC

Updates

Date: 9/8/2015 **Status:** Correspondence

Author: O'Gorman, Brian

Updated Volume:

Notes:

Spoke with the responsible party's environmental contractor at 8:50. The contractor had assessed the release and believed it was contained to the ballasts and tracks. Confirmation samples had been collected, and photos had been taken. Information will be forwarded to the NDDoH after the responsible party reviews. No on-site followup needed at this time. Awaiting documentation.