﻿Bridgeford Industries

**Making Your World Better**

﻿Date: March 18th, 2020

To: John Smith, CEO of Bridgeford Chemicals

From: Mary ﻿Valesquez, Assistant Director of Public Relations

Subject: Incident Report: Leaking TDI Waste Tank Truck

I am reporting a leaking trailer of a tank truck on Highway 34 which occurred on May 6th, 2020, at 2:30 pm.

﻿ The trailer of one of our tank trucks began to leak liquid along Highway 34, which left our Bridgeford facility. The truck was carrying of toluene diisocyanate (TDI) waste to the Ulane plant; which is ten miles away. TDI waste produces the urethane foam, which we burn to generate energy in the Ulane plant. One of the valves was left partially open, and TDI waste leaked out on the highway. The driver noticed when he arrived at the Ulane plant. The truck was spilling liquid the whole ten miles. The tank trucks hold about 6000 gallons of waste, and there were about 4000 gallons left when it arrived at the plant. We lost 1000-2000 gallons along the way.

I immediately reported the spill to the Department of Environmental Issues (DOEI) and the Department of Transportation (DOT) We have asked for their recommendations on how to proceed. TDI is classified and regulated as hazardous for handling and transport.

The route that is taken between Highway 34 is mostly farmland, with little residents that will be affected. There has been no reported visible damage, but we have contacted our environmental team to ensure the waste doesn’t make its way into Salt Creek. We have evacuated the current residents to ensure they aren’t affected, and we are neutralizing affected surfaces with liquid decontaminant and testing the atmosphere for residual Diisocyanate vapor.

The environmental team is charging us $7000 for the cleaning and neutralizing. The damage from the spill is $4000. The costs are paid by our operations budget. We have filed a claim with Bridgeford’s insurance company.

Due to the events, the future transportation of TDI will be looked at closely and carefully. We have begun training our drivers and supervisors on how to look for potential issues with the valves and seals on the transportation trucks. We are also in contact with DOEI and DOT for their recommendations of preventative measures we can take and train for our drivers and supervisors.

Thank you for your attention. If you have questions or would like to talk more about the incident, please call me at 123-456-7890.

References:

Johnson-Sheehan, Richard. Technical Communication, March 21, 2020 (p. 290, 306). Pearson Education. Kindle Edition.

*Emergency Response for Transport of TDI & MDI*. 2018, www.isopa.org/media/2655/emergency-response-guidelines-final-september-2016.pdf.