

Public Notice

ENVIRONMENTAL EMERGENCY SCENARIO



Propane

About the facility

The Tafisa plant, located in Lac-Mégantic, is committed to the safety of its employees and the community, as well as to protecting the environment. It has converted some of its oil-fired combustion equipment to propane gas to reduce its greenhouse gas emissions. It applies rigorous environmental emergency prevention and management measures in accordance with the Environmental Emergency Regulations (2019) and the Code for the Storage and Handling of Propane (CSA B149.2-20).

Target substance and risks

In accordance with the Environmental Emergencies Regulation (2019), Tafisa has developed and implemented an environmental emergency plan (EEP) for the propane stored and used on its site. Propane is a flammable gas used in industrial processes. In the event of a leak or accidental release, propane can form explosive gas clouds if it reaches an ignition source, cause thermal burns in the event of a fire, and cause health effects through inhalation ranging from dizziness and drowsiness to asphyxiation in confined spaces.

From an environmental perspective, a major event could cause fires affecting vegetation or infrastructure, as well as local contamination from combustion residues.

Probability of event and potential impact area

Although unlikely, according to modeling carried out as part of its PUE by a specialized external firm, a major propane leak or a BLEVE (boiling liquid explosive vaporization) could, under certain conditions, affect an area with a radius of up to 1.7 km (as the crow flies) from the tank located at the rear of the plant.

Prevention

The plant has implemented several measures to reduce risks, including gas leak detection systems, automatic shut-off valves, regular inspections of tanks and pipes, ongoing staff training, rigorous

maintenance procedures, and continuous monitoring of critical equipment.

Preparation

An emergency response plan is in place, including a trained industrial brigade available 24/7, annual drills, and proactive communication with local and government authorities.

Emergency response

Although unlikely given the preventive measures in place, if an environmental emergency were to occur, the plant would work with local and government authorities to respond immediately. Citizens who may be affected would be informed by local authorities of the instructions to follow.

Recovery after the event

After an incident, the plant will coordinate actions with the authorities to minimize the impact and revise the emergency plan if necessary. A return to normal will be communicated to the citizens concerned.

Contact information

If you have any questions, please contact us at infoenv@tafisa.ca

