

Environmental Emergency (E2) Regulations, Public Notification

Overview:

Made under the *Canadian Environmental Protection Act*, the Environmental Emergency Regulations, 2019 aim at enhancing the protection of the environment and human health in environmental emergency situations by promoting prevention and ensuring preparedness, response, and recovery. Stelco Lake Erie Works (LEW) has identified and prepared/implemented Environmental Emergency Plans (E2 Plans) for the regulated substances that are generally described as corrosive, flammable, toxic and/or oxidizer.

Plant Emergencies:

LEW prioritizes and is committed to the health and safety of our employees, our community, and the surrounding environment. Our plant is designed with built-in safeguards at every stage. We have alarm systems on-site that are activated when an emergency occurs, and which are designed to:

- Alert plant personnel of the emergency;
- Identify the emergency location; and,
- Summon the emergency personnel.

LEW has a detailed and complete E2 plan to quickly respond to any on-site environmental emergency. We have a mutual aid partnership with surrounding companies and municipal emergency responders through Nanticoke Community Awareness Emergency Response (NAN-CAER). Our emergency response team, our NAN-CAER partners and contractors are highly trained experts at all levels of emergency management and are ready to respond 24 hours a day, 7 days a week. Environmental emergency simulation exercises are conducted on a regular basis both internally and jointly with our partners and contractors. Special equipment is available to aid in response to environmental emergencies if required, and in most events our expectation is that the situation would be quickly brought under control by plant emergency personnel.

Furthermore, Haldimand County has an emergency plan to handle all types of emergencies. This plan details the responsibilities and actions various agencies would take in the event of an emergency, which ensures the safe evacuation of employees and neighbours should it become necessary. These plans are reviewed at regular intervals and site personnel are trained and drilled in response and evacuation procedures. Haldimand County, through their Emergency Control Group, would initiate evacuation procedures.

Types of Substances at Our Facility and Their Potential Effects:

In the unlikely event of an environmental emergency and primarily depending on the type of substance and extent of a release, the off-site effects could vary and may range from watery eyes, coughing, shortness of breath, headache, dizziness, confusion to nausea and vomiting, burning pain to skin, eyes and respiratory system, blurred vision and unconsciousness. In addition to the potential human health effects, the noted substances could potentially have an adverse impact to wildlife and aquatic species, depending on the type of substance and extent of a release.



Steps to be Taken in the Event of an Environmental Emergency:

In the event of an applicable environmental emergency, LEW will activate a vapour release siren (attack signal—6 seconds on, 6 seconds off) and initiate all applicable E2 Plans as well as establish its Emergency Operations Center (EOC). Furthermore, Stelco will immediately notify Haldimand County Fire, Police and Ambulance Services.

Haldimand County Emergency Control Group will alert all potentially affected residents and advise them what action to take, by utilizing local radio and TV stations, along with the Haldimand County website.

What Individuals Should do if They are in an Affected Area:

1. **STAY CALM.** You will be advised of the steps you need to take.
2. **USE THE PHONE ONLY FOR EMERGENCY PURPOSES.** The phone lines are needed for emergency communications.
3. **MONITOR THE FOLLOWING RESOURCES FOR INFORMATION**
 - CHTG 92.9 FM (Caledonia)
 - CHCH-TV CH 11 News (Hamilton)
 - Haldimand County Website www.haldimandcounty.ca

Observe any special instructions by the Haldimand County Emergency Control Group.

4. **IF YOU ARE NOTIFIED TO EVACUATE BY THE HALDIMAND COUNTY EMERGENCY CONTROL GROUP.**
 - Do exactly as directed by officials.
 - Get ready to leave your home.
 - Pack only essential items. (Example: medicine, baby supplies, cell phone, etc.)
 - Turns off all lights and household appliances.
 - Lock your house.
 - Use your own car if you can. Take any neighbours who may need a ride.
 - Turn the car radio to a local station for information as you travel.

5. HOW DO YOU KNOW WHEN YOU CAN RETURN TO YOUR HOME?

You will be notified by the Haldimand County Emergency Control Group when it is safe to return.

Contact Stelco Lake Erie Works:

Stelco prioritizes keeping our neighbours and community informed prior, during and following an environmental emergency. If you have any questions, please do not hesitate to contact us:

E2Response@stelco.com

or

Stelco LEW Dispatch at 519-587-4541 ext. 5060