

This document contains important safety information for residents living near the Catalyst Pulp and Paper Mill in Crofton

Catalyst Paper Crofton Division

Community Notification of Environmental Emergency Regulation (2019)

“The E2 Regulation”

Why is Emergency Notification So Important?

Everyone should be prepared for emergency events like floods, wildfires, severe weather and hazardous material spills.

Emergency response effectiveness is dependent on timely notifications and ongoing communication during an event.

The BC government—through **PreparedBC** at <http://preparedbc.ca>—offers fill-in-the blank plans to help you prepare for emergencies.

The Crofton pulp and paper mill is prepared for emergencies involving all chemicals on site. This change to the E2 Regulation supports more community understanding of possible emergency situations which will ensure a more effective community response.

What is the E2 Regulation?

The E2 Regulation came into effect in 2003 under the *Canadian Environmental Protection Act, 1999* (CEPA 1999). The E2 Regulation was established to enhance the safety of the environment and the health of Canadians by preventing, preparing for, responding to, and recovering from environmental emergencies.

Potential emergencies involving Sodium Chlorate and Fuel Oil would be contained on the industrial site. An emergency involving Chlorine Dioxide may have impacts beyond the mill that could affect nearby residents in and around the town of Crofton.

What has changed?

In 2019, the E2 Regulation was significantly updated. It now calls for more information sharing with our community neighbours.

What chemicals are affected?

The Crofton Mill has three chemicals that the E2 Regulation highlights. They are:

- Chlorine Dioxide (ClO₂)
- Sodium Chlorate (NaClO₃), and
- Fuel Oil

Emergencies involving Sodium Chlorate and Fuel Oil would be contained at the mill. However, a Chlorine Dioxide emergency could impact Crofton residents, so it is the focus of this pamphlet.

How is Chlorine Dioxide managed at Crofton?

What is ClO₂ and how will it affect me?

Chlorine Dioxide (ClO₂) is a chemical used to bleach kraft pulp to a pure white colour. When it's in a gaseous state, it appears as a bright yellow-green cloud and is heavier than air. Contact with ClO₂ can irritate the skin and eyes. Breathing it will cause coughing or shortness of breath.

Safeguards

Strict engineering and operating protocols are utilized to make, store, and use ClO₂.

- Continuous monitoring by trained operators and alarm systems
- Placement of tanks within a containment berm
- Preventative inspections and an active maintenance program
- Emergency response plan
- Regular drills for emergency response team, operators and management

Mitigation

- Local alarms and sensors alert operations to investigate/act
- Three levels of protection in place to contain or neutralize any spill of ClO₂

Response

- Mill hazmat response team with Operations Level training and 24/7 coverage
- Coordination and emergency drills with local emergency response agencies

What to expect if there is an emergency affecting mill and neighbours of mill:

1. Immediate activation of Mill Emergency Response Plan
2. Prompt activation of community emergency services such as fire, ambulance, police, search and rescue via "911" call.
3. Expanded emergency coordination with "Response Management Team"

If emergency condition impacts air quality near you, initial guidance is to stay indoors. Both CVRD and North Cowichan provide timely emergency alerts for all emergency events. You must pre-register with North Cowichan alerts at: <https://www.northcowichan.ca/forms/eALERT.aspx> and register for CVRD alerts as well, at: <https://www.cvrld.bc.ca/2276/Emergency-Notifications>

Who We Are

The Catalyst Crofton Mill has two paper machines and two pulp lines and provides direct employment for 600 people. The Crofton mill has played an important role in the social, economic and cultural health of this community since 1957.

Contact Us

Brian Houle, Environmental Manager
brian.houle@catalystpaper.com

OR

Kristie Ross, Safety Manager
kristie.ross@catalystpaper.com

www.catalystpaper.com/facilities/crofton-mill
8541 Hay Road, Crofton, BC V0R 1R0 250-246-6100



