



Emergency Preparedness and Response to a Hazardous Material Release Alert

Updated May 2023





Introduction

The purpose of the following presentation is to provide you with important information on how to respond to a **Vale Hazardous Material Release Alert**.

The Greater Sudbury Emergency Management Advisory Panel was involved in the development of the presentation.

Hazardous Material Release Alert



A hazardous material release alert will be issued by Vale to the City of Greater Sudbury's 911 Call Centre when an emergency has the potential of adversely affecting the public.

These events are very rare due to the operating safeguards in place. However, the risk does exist, and it is important to know how to respond if an alert is issued.



How does the public get notified in the event of an emergency at Vale?

Although highly unlikely, Vale is prepared for all types of incidents and emergencies through a robust and multi-faceted emergency response program.

In the event of a Vale emergency, incident command, in conjunction with the City of Greater Sudbury's corporate communications team, will notify the public through continued media liaison, supplemented and supported by Emergency Services and Vale. The public will also be notified in real-time through Sudbury Alerts, emergency mass notification system.



Hazardous Materials in Vale Facilities



Vale operates a number of facilities in Greater Sudbury, some of which contain hazardous materials that are used and/or produced in the processing of ore. Vale also operates water treatment plants that utilize hazardous materials in their process.

Clarabelle Mill Complex	Copper Cliff Nickel Refinery	Copper Cliff	Vermillion Water Treatment Plant
Sodium Cyanide	Nickel Oxide, Iron Pentacarbonyl, Carbon Dioxide, Ammonia, Nickel Carbonyl	Nickel Oxide, Sulphur Dioxide, Propane	Chlorine, Hydrofluosilicic Acid



How will I know if there is an Emergency?



The Vale intermittent air horns located at the Copper Cliff Smelter and the Copper Cliff Nickel Refinery will be activated and will remain active for the duration of the emergency.



Note: Both air horns are tested every Monday at 1:30pm.

An emergency message alerting the public and providing general response information (A.C.T. Message) will be broadcast:

- Directly (to your selected contact methods) via Sudbury Alerts.
- City of Greater Sudbury social media feeds.
- Local media outlets.

How to ACT in an Emergency

ACT

If you hear the Vale emergency signal (a repeating 15-second air horn blast followed by 5 seconds of silence):

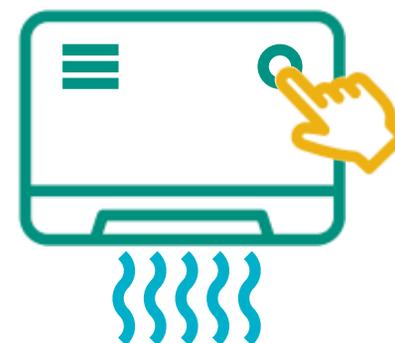
A Always go indoors



C Close all doors and windows



T Turn off furnace, air conditioners or other air intakes



- Do not use the telephone except for immediate emergency assistance.
- Receive details through your selected Sudbury Alert contact methods.
- Stay tuned to local radio or TV for information updates.
- Remain inside until an “All Clear” message is broadcast, and the air horn has stopped.

Vale is committed to the safety of our employees and our neighbours.

Vale is a proud partner of Sudbury Alerts,
the City of Greater Sudbury's emergency
mass notification service.

Sign up, get notified and be prepared at:
www.greatersudbury.ca/sudburyalerts



Sudbury **ALERTS** 
ALERTEs à Sudbury

Additional Information



You will not receive a direct communication from Vale in the event of a hazardous material release alert – logistically this will not be possible.

Do not call Vale or public emergency numbers unless urgent assistance is required.

The company will issue a press release only once the incident is under control and the circumstances surrounding the release are known.

If you require additional information, please e-mail your questions to:
ontario.operations@vale.com

