

Page 01 of 23 to/à Page 10 of 23

Withheld pursuant to/removed as

s.12 ; s.13

# Public Alerting in BC

# Responsibilities



Emergency  
ManagementBC

- First Nations and Local Governments are responsible for providing emergency notifications for imminent or unexpected threat to life caused by severe weather disturbances, natural disasters, or other emergencies.
- Types of emergency notifications:
  - Door-to-door – first responders, volunteers, etc.
  - Sirens – tsunami danger predominantly
  - Social Media – Facebook, Twitter and others
  - Official Websites
  - Traditional Media – news release
  - Signage – highway and others
  - Subscription based notification services



# Alerting vs. Notifications



## **Public Alert**

A message issued by an authorized government agency or an authorized user in respect of an imminent or unexpected threat to life caused by severe weather disturbances, natural disasters, or other emergencies.

## **Notifications**

Subscription based notification services which require recipients to opt in (register, install an app etc..) to receive information for a variety of purposes, both urgent and non urgent.

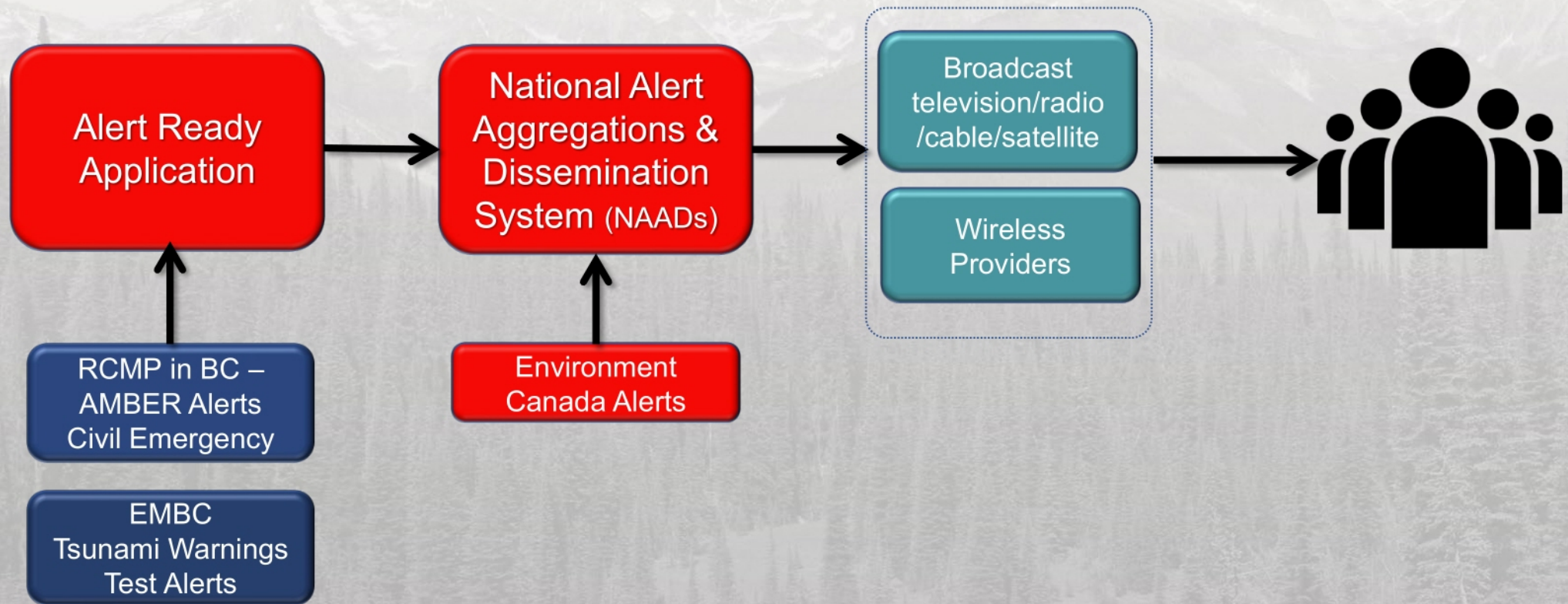
# Broadcast Intrusive Alerting

## Broadcast Intrusive (BI) Alert

- A message that is broadcast to everyone in the broadcast area.
- Used to deliver critical and potentially life-saving alerts to Canadians through television, radio and LTE-connected and compatible wireless devices.
- **Alert Ready** is Canada's emergency alerting system. The Alert Ready system was developed with many partners, including federal, provincial and territorial emergency management officials, Environment and Climate Change Canada, Pelmorex, the broadcasting industry and wireless service providers.



# Public Alerting - Current State



## LEGEND

Provincial

Federal

3<sup>rd</sup> Party

# BI Alerts Types

Together, Provincial and Federal governments developed a specific list of the types of alerts that are considered a threat to life. These types of alerts should be broadcast immediately on television, radio and wireless devices.

Air quality  
Chemical  
Biological  
Civil Emergency  
Terrorism  
Animal Danger  
Wildfire  
Industry Fire  
Urban Fire  
Forest Fire  
Storm Surge

Dam Overflow  
Earthquake  
Magnetic Storm  
Landslide  
Meteor  
Tsunami  
Lahar  
Pyroclastic Flow  
Pyroclastic Surge  
Volcanic Ash  
Flash Flood

Radiological  
Explosive  
Falling Object  
Drinking Water  
Amber  
Hurricane  
Thunderstorm  
Tornado  
Test  
911 Service



# BC Environment

- 203 First Nations & 193 Local authorities = approximately 400 issuers of alerts.
- Many alert issuers are responsible for the same geographic location(s).
- Many FN/LA provide their own subscription-based services to their communities both urgent and none urgent information.

s.13



Page 18 of 23 to/à Page 20 of 23

Withheld pursuant to/removed as

s.13

# Appendix



# Cross Jurisdictional Alerts

	Number of Emergency Alert Messages	Alerts Breakdown
Alberta	19	1 Police Emergency, 8 Wildfire, 1 Public health, 9 tornado
British Columbia	0	
Manitoba	3	2 AMBER, 1 civil emergency
New Brunswick	8	8 civil emergency
Newfoundland and Labrador	1	1 civil emergency
Northwest Territories	4	3 flash flood, 1 911 Service
Nova Scotia		5 civil emergency, 2 drinking water
Nunavut	0	
Ontario	36	6 civil emergency, 4 AMBER, 26 tornado
Prince Edward Island	0	
Quebec	5	1 civil emergency, 2 AMBER, 2 tornado
Saskatchewan	22	1 civil emergency, 4 Wildfire, 17 tornado
Yukon	0	

## FW: Material for PS briefing - October 14 at 9:30am

---

From: Hunt, Charlotte PSSG:EX <Charlotte.Hunt@gov.bc.ca>  
To: Jennifer Rice s.17 Rice, Jennifer PSSG:EX  
<Jennifer.Rice@gov.bc.ca>  
Sent: October 14, 2021 9:16:59 AM PDT  
Attachments: EMBC Budget 2022 Overview for PS Oct 14.pdf, Public Alerting in BC.pdf

Bumping this up again  
AD

---

**From:** Douglas, Andrew PSSG:EX  
**Sent:** October 13, 2021 3:27 PM  
**To:** Jennifer Rice s.17 Rice, Jennifer PSSG:EX <Jennifer.Rice@gov.bc.ca>  
**Subject:** FW: Material for PS briefing - October 14 at 9:30am  
Briefings for tomorrow on Public Alerting and Budget priorities  
AD

---

**From:** Fraser, Agnes EMBC:EX <[Agnes.Fraser@gov.bc.ca](mailto:Agnes.Fraser@gov.bc.ca)>  
**Sent:** October 13, 2021 10:46 AM  
**To:** Douglas, Andrew PSSG:EX <[Andrew.Douglas@gov.bc.ca](mailto:Andrew.Douglas@gov.bc.ca)>  
**Cc:** Newton, Sam PSSG:EX <[Sam.Newton@gov.bc.ca](mailto:Sam.Newton@gov.bc.ca)>; Stonnell, Jennifer EMBC:EX <[Jennifer.Stonnell@gov.bc.ca](mailto:Jennifer.Stonnell@gov.bc.ca)>  
**Subject:** Material for PS briefing - October 14 at 9:30am

Good morning Andrew,

In advance of tomorrow's meeting for PS Rice Please find attached two presentation decks for her meetings:

- Public Alerting
- EMBC Budget Priorities

Attendance has been updated to include Ivan Rincon, Director, who will be providing the briefing on Public Alerting.

Thank you,

[Agnes Fraser](#)

Senior Executive Assistant

Deputy Ministers Office, Emergency Management BC

Ministry of Public Safety and Solicitor General

Suite 4B - 940 Blanshard Street

Victoria BC V8W 3C8

Ph: (778) 974.5190