

## Follow-up report 8

02/08/2021

**The event is ongoing. Weekly follow-up reports will be submitted.**

Sender	Country/territory	Report ID
Delegate of Canada	Canada	FUR_150825
Report reference	Event status	Self-declaration
CAN-2020-CoV-001 FR8	On-going	No

### General information

Country or zone - Country	Disease - SARS-CoV-2 in animals (Inf. with)	Started on - 26/11/2020
Animal type - Terrestrial	Confirmed on - 08/12/2020	Causal agent - SARS-CoV-2
Disease category - Emerging	Reported on - 30/07/2021	Reason - Emerging disease

### Disease impact

Outbreak morbidity - 2.0	Outbreak mortality - 2.0
Zoonotic potential - Yes	Zoonotic potential description - Zoonotic disease

### Epidemiology

Source of the event or origin of the infection - Suspected human transmission

Epidemiological comments Eight more minks were found positive to SARS-CoV-2 on infected farm BC-2020-003. Three of these escaped their cages and were captured on farm. Surveillance is ongoing.

### Control measures at event level

#### Domestic control measures

- Applied
- Movement control inside the country
  - Slaughter
  - Screening
  - Quarantine

#### Wild control measures

Applied - Screening

### Diagnostic

Clinical signs - No

Method of diagnostic - Diagnostic test

Test name	Category	Test type	Laboratory	Species sampled	Outbreaks	Tested from	Tested until	Result
Virus sequencing	Genotyping	Laboratory Test	National Centre for Foreign Animal Disease	Mustelidae	3	11/12/2020	28/05/2021	Positive
Real-time reverse transcription polymerase chain reaction (rRT-PCR)	Nucleic acid detection	Laboratory Test	National Centre for Foreign Animal Disease	Mustelidae	3	08/12/2020	20/07/2021	Positive

Real-time reverse transcription polymerase chain reaction (rRT-PCR)	Nucleic acid detection	Laboratory Test	Animal Health Centre - Ministry of Agriculture of British-Columbia Local Laboratory	Mustelidae	3	05/12/2020	14/07/2021	Positive
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## Quantitative data summary

### Measuring unit - Animal

Species	Type	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered	Vaccinated	Outbreak morbidity	Outbreak mortality
Mustelidae	New	-	8	8	5	-	0	-	-
Mustelidae	Total	40950	246	241	5	10917	0	0.6	0.59
All species	New	-	8	8	5	-	0	-	-
All species	Total	40950	246	241	5	10917	0	0.6	0.59

Event morbidity - 2.0

Event mortality - 2.0

Morbidity range - 0.05-3

Mortality range - 0.03-3

## Outbreaks

### 1000142208-Fraser Valley

Outbreak reference - BC-2020-002      Started on - 16/12/2020      First administrative division - British Columbia

Ended on - 26/12/2020      Second administrative division - Fraser Valley      Epidemiological unit - Farm

Geographic coordinates - 49.1,-122.0      Third administrative division - Chilliwack      Approximate location - Yes

Location - Fraser Valley

Description of the affected population BC-2020-002 Domestic American Mink (Neovison vison) commercial farm. The geographic coordinates do not represent the actual location of the premises.

Species	Type	Measuring unit	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered	Vaccinated
Mustelidae	New	Animal	-	-	-	-	-	-
Mustelidae	Total	Animal	950	33	33	0	917	-
All species	New	Animal	-	-	-	-	-	-
All species	Total	Animal	950	33	33	0	917	-

### ob\_85698-Fraser Valley

Outbreak reference - BC-2020-003      Started on - 06/05/2021      First administrative division - British Columbia

Second administrative division - Fraser Valley      Epidemiological unit - Farm      Geographic coordinates - 49.1,-122.2

Third administrative division - Fraser Valley H      Approximate location - Yes      Location - Fraser Valley

Description of the affected population BC-2020-003 Domestic American Mink (Neovison vison) commercial farm. The geographic coordinates do not represent the actual location of the premises.

Species	Type	Measuring unit	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered	Vaccinated
Mustelidae	New	Animal	-	8	8	5	-	0
Mustelidae	Total	Animal	25000	13	8	5	-	0
All species	New	Animal	-	8	8	5	-	0
All species	Total	Animal	25000	13	8	5	-	0

#### Control measures different from event level

Measures not implemented - Slaughter

#### 1000140723-Fraser Valley

Outbreak reference - BC-2020-001      Started on - 26/11/2020      First administrative division - British Columbia

Ended on - 24/02/2021      Second administrative division - Fraser Valley      Epidemiological unit - Farm

Geographic coordinates - 49.1,-122.1      Third administrative division - Abbotsford      Approximate location - Yes

Location - Fraser Valley

Description of the affected population BC-2020-001 Domestic American Mink (*Neovison vison*) commercial farm. The geographic coordinates do not represent the actual location of the premises.

Species	Type	Measuring unit	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered	Vaccinated
Mustelidae	New	Animal	-	-	-	-	-	-
Mustelidae	Total	Animal	15000	200	200	0	10000	-
All species	New	Animal	-	-	-	-	-	-
All species	Total	Animal	15000	200	200	0	10000	-

## Map legend

### OUTBREAKS REPRESENTATION ON MAP

#### OUTBREAKS NATURE

Single / Cluster

Domestic species



Wild species



Domestic & Wild



#### OUTBREAKS STATUS

Outbreak currently reported



Ongoing outbreak



Resolved outbreak



#### AGGREGATION REPRESENTATION

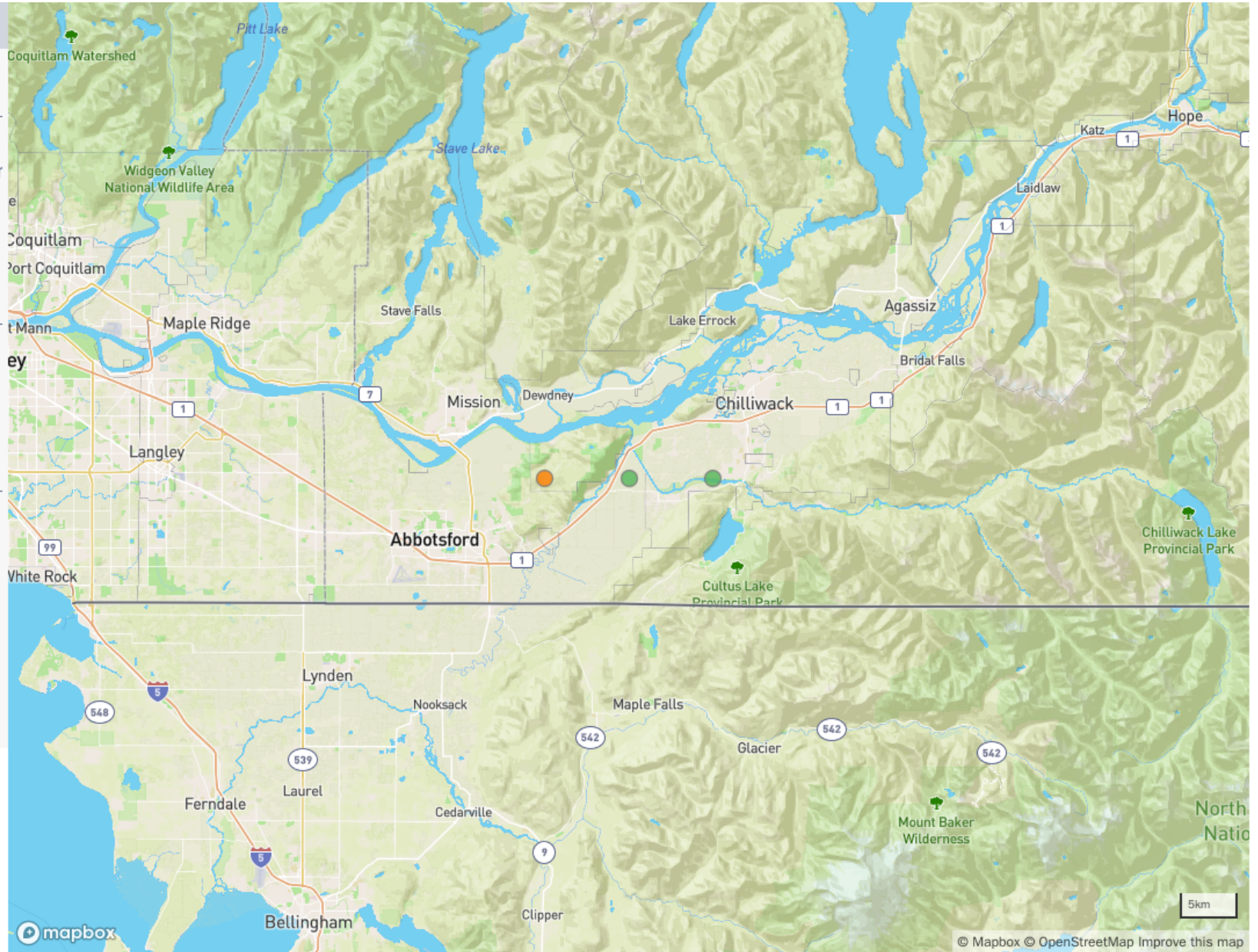
< 20 outbreaks



20 - 100 outbreaks



> 100 outbreaks



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