

Follow-up report 10

22/02/2022

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

Sender	Country/territory	Report ID
Delegate of Canada	Canada	FUR_154112
Report reference	Event status	Self-declaration
CAN-2020-CoV-001 FUR10	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 - 22/02/2022	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 Most minks have been euthanized for pelting on infected farm BC-2020-003. The quarantine remains on this premises and surveillance is ongoing.

Control measures at event level

Domestic control measures

Applied

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

Wild control measures

Applied - Screening

Diagnostic

Clinical signs - Yes

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	01/11/2021	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	25/10/2021	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	-	5	5	-	22000	0	-	-
Mustelidae	Total	40950	258	253	5	32917	0	0.63	0.62
All species	New	-	5	5	-	22000	0	-	-
All species	Total	40950	258	253	5	32917	0	0.63	0.62

Event morbidity - 2.0

Morbidity range - 0.1-3

Event mortality - 2.0

Mortality range - 0.08-3

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 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 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	-	5	5	-	22000	0
Mustelidae	Total	Animal	25000	25	20	5	22000	0
All species	New	Animal	-	5	5	-	22000	0
All species	Total	Animal	25000	25	20	5	22000	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

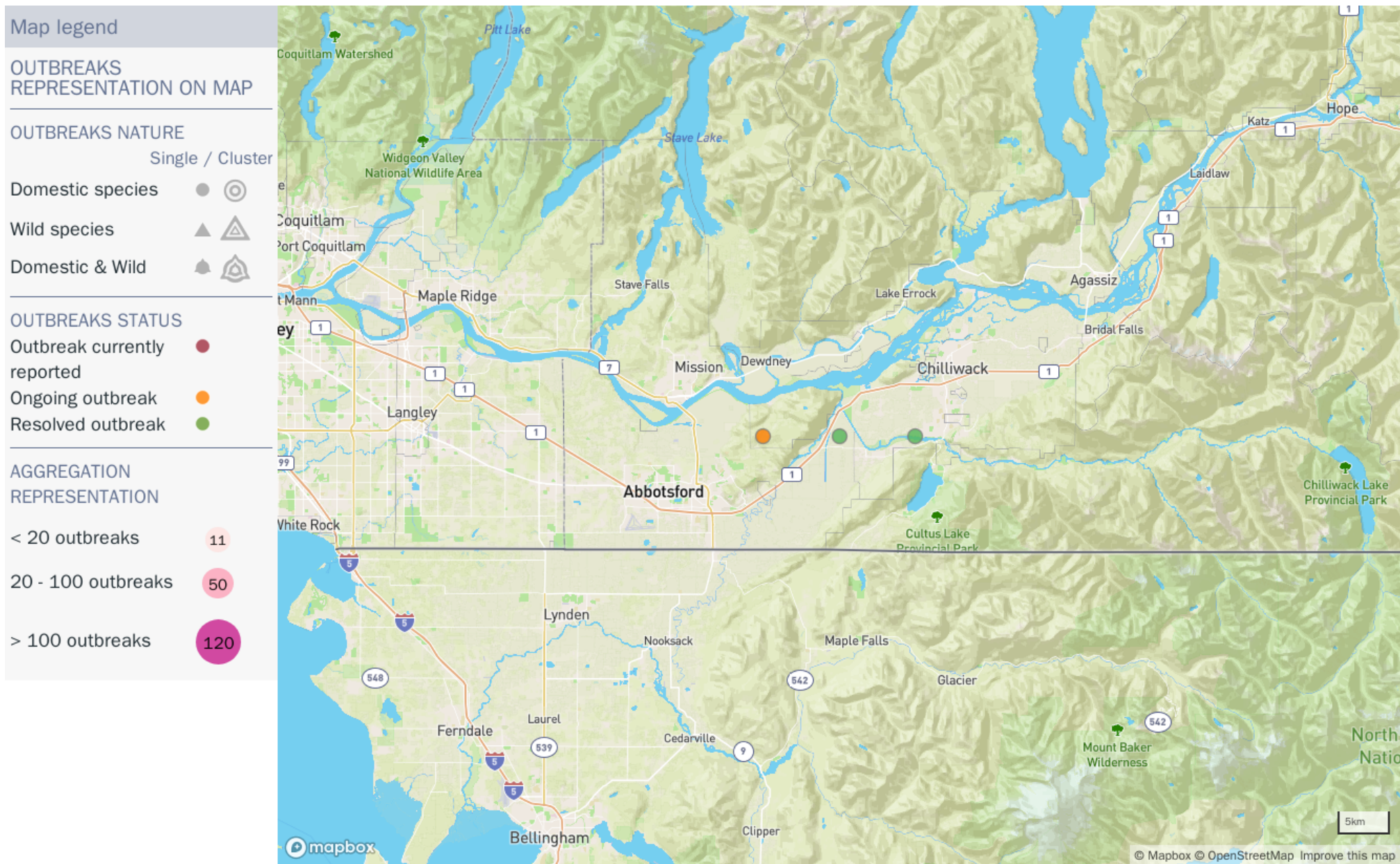
Ended on - 24/02/2021 Second administrative division - Fraser Valley Epidemiological unit - Farm

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

Location - Fraser Valley

Description of the affected population 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	-



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