

Immediate notification

09/12/2020

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

Sender	Country/territory	Report ID
Delegate of Canada	Canada	IN_36946
Report reference	Event status	Self-declaration
CAN-2020-CoV-001	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 - 09/12/2020	Reason - Emerging disease

Disease impact

Outbreak morbidity - 1.0	Outbreak mortality - 1.0
Zoonotic potential - Yes	Zoonotic potential description - Zoonotic disease

Epidemiology

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

Epidemiological comments COVID-19 positive mink farm workers were diagnosed on December 3rd 2020. Minks did not display clinical signs at that time. Minks sampled from the farm on December 4 tested positive for SARS-CoV-2 at the provincial laboratory (E_Sarbeco PCR) and were confirmed to be positive at the National Centre for Foreign Animal Disease by PCR (SARS-CoV-2 Real Time RT-PCR for E and RdRp). In the days following sampling, there was an increase in mortality (1%).

Control measures at event level

Domestic control measures

Applied	To be applied - Screening
- Movement control inside the country	
- Quarantine	

Wild control measures

Applied	To be applied - Screening
- Movement control inside the country	
- Quarantine	

Diagnostic

Clinical signs - No	Method of diagnostic - Diagnostic test
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Test name	Category	Test type	Laboratory	Species sampled	Outbreaks	Tested from	Tested until	Result
Real-time reverse transcription polymerase chain reaction (rRT-PCR)	Nucleic acid detection	Laboratory Test	National Centre for Foreign Animal Disease	Mustelidae		08/12/2020		Positive
Real-time reverse transcription	Nucleic acid detection	Laboratory Test	Animal Health Center Local	Mustelidae		05/12/2020		Positive

polymerase chain reaction (rRT-PCR)			Laboratory					
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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	15000	200	200	0	10000	-	-	-
Mustelidae	Total	15000	200	200	0	10000	-	1.33	1.33
All species	New	15000	200	200	0	10000	-	-	-
All species	Total	15000	200	200	0	10000	-	1.33	1.33

Event morbidity - 1.0

Event mortality - 1.0

Outbreaks

1000140723-Fraser Valley

Outbreak reference - BC-2020-001

Started on - 26/11/2020

First administrative division - British Columbia

Second administrative division - Fraser Valley

Epidemiological unit - Farm

Geographic coordinates - 49.1,-122.1

Third administrative division - Abbotsford

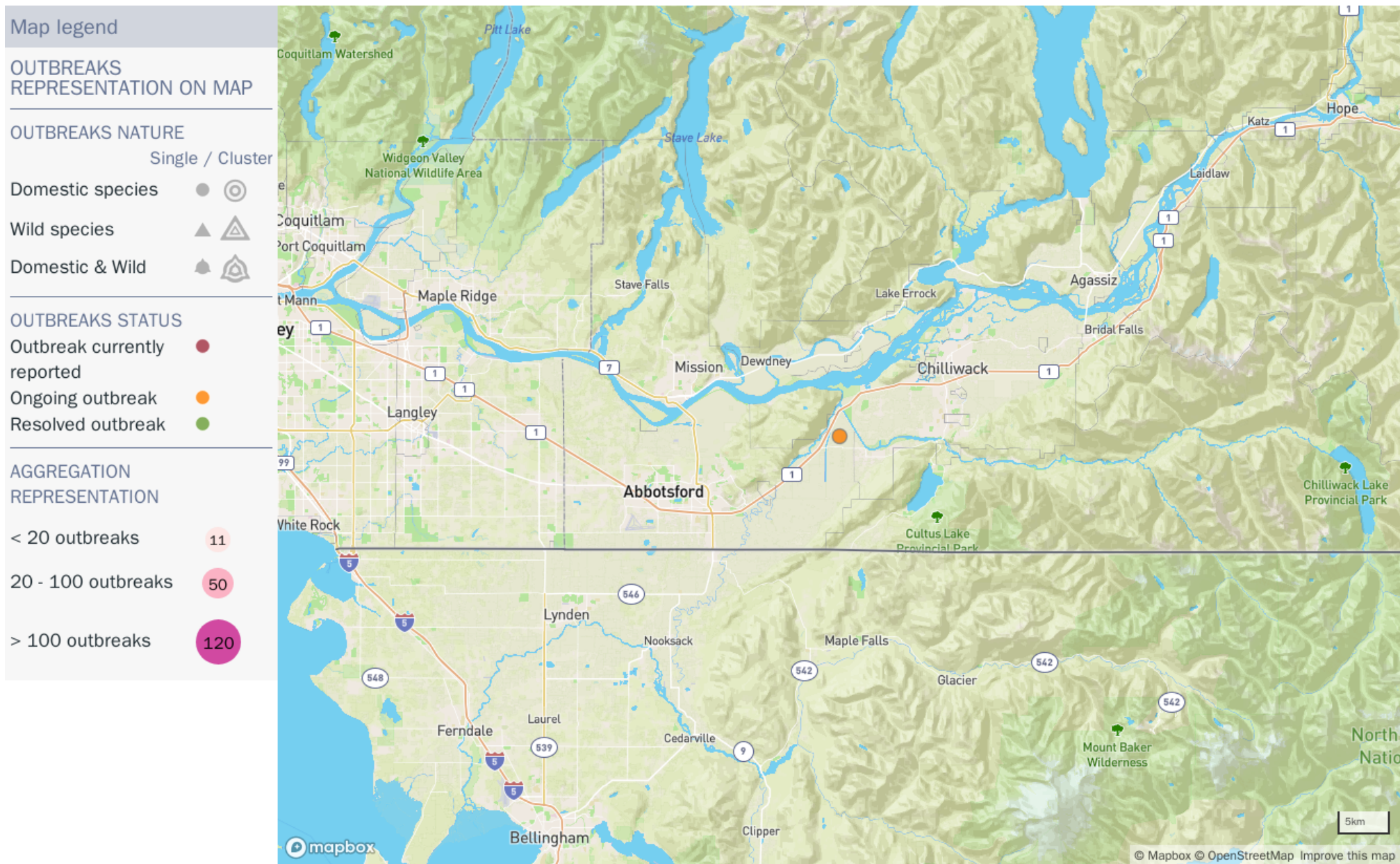
Location - Fraser Valley

Description of the affected populationBC-2020-001Domestic American Mink (Neovison vison) commercial farm.

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

Control measures different from event level

Additional measures - Slaughter



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