

# Karamea bovine TB control operation

## OSPRI's TBfree programme

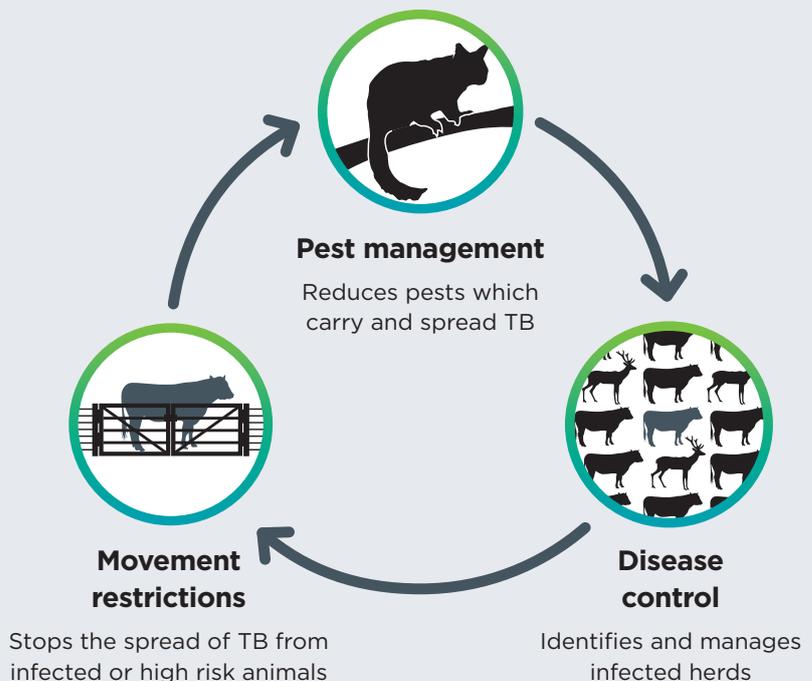
The TBfree programme aims to manage and eventually eradicate bovine tuberculosis (TB) from New Zealand's farmed cattle, deer and wild animal populations. Controlling disease prevents livestock production losses and protects the world leading reputation of New Zealand's dairy, beef and deer products. We use possum control, along with regular herd testing and movement restrictions, to achieve our eradication goals. Information gathered from wild animal surveys, recent and historic findings of TB in wild animals, herd testing results and the operational history of the region are used when planning operations.

## Targeting possums

We're running a possum control operation in the Karamea area (please see map provided for the proposed operation area). It will cover up to 29,000 hectares.

To eradicate bovine TB, possum numbers need to be kept extremely low – around one to two animals every 10 hectares. To ensure disease is removed from the possum population, densities must stay below target levels across the entire risk area for at least 8 years. Unfortunately, the possum population in Karamea is projected to grow to a point that it exceeds this threshold during 2023. So to continue progress towards TB freedom in wildlife, and protect the valuable gains made to date, we do need to treat the area again.

## How we control TB



## What to expect from the operation

The operation will begin with the distribution of non-toxic, tan-coloured cereal pellets by helicopter. This “pre-feed” gives possums a taste for the pellets and overcomes bait shyness. One to two weeks later, toxic, green cereal pellets – each containing 0.15 percent biodegradable sodium

fluoroacetate (also known as 1080) – will be applied by helicopter at a rate of two kilograms per hectare. That's about one bait to every 60 square metres. The Karamea operation will be subject to strict safety, quality assurance and monitoring requirements.

Advanced GPS navigational equipment will be used to ensure the pellets are accurately placed and exclusion zones avoided.

*Continued over page...*



## The method

The vast majority of possum control in the region is done by local contractors using ground-based traps and hand-laid toxins. The remaining, far smaller area is controlled using aerially applied pellets containing biodegradable 1080. Aerial control is efficient, cost effective and has been extremely successful at knocking possum numbers down to very low levels in the past. It is a preferred approach in areas like Karamea because some of the terrain is inaccessible by foot. The Parliamentary Commissioner for the Environment also supports aerial control. The commissioner completed an extensive review into the use of 1080, in which she strongly endorsed its continued use in New Zealand. Please visit [pce.parliament.nz](http://pce.parliament.nz) to read this report.

## What happens now?

This operation will commence from May 2023, with Vector Control Services Ltd doing the work on behalf of OSPRI's TBfree programme. Before the operation landowners or occupiers within or immediately neighbouring the treatment area boundary will be contacted and visited by one of our contractors. They'll also contact any businesses that may be specifically affected by the aerial. They will discuss any concerns you may have regarding the operation, water supply safety and the management of any risks to dogs and livestock. Statutory permissions from the Department of Conservation, and the Ministry of Health are required for this operation. Affected landowners and occupiers will be contacted again before the operation starts, notices will

be published in local newspapers and warning signs will be placed at all likely access points to the operational area.

## Biodiversity benefits

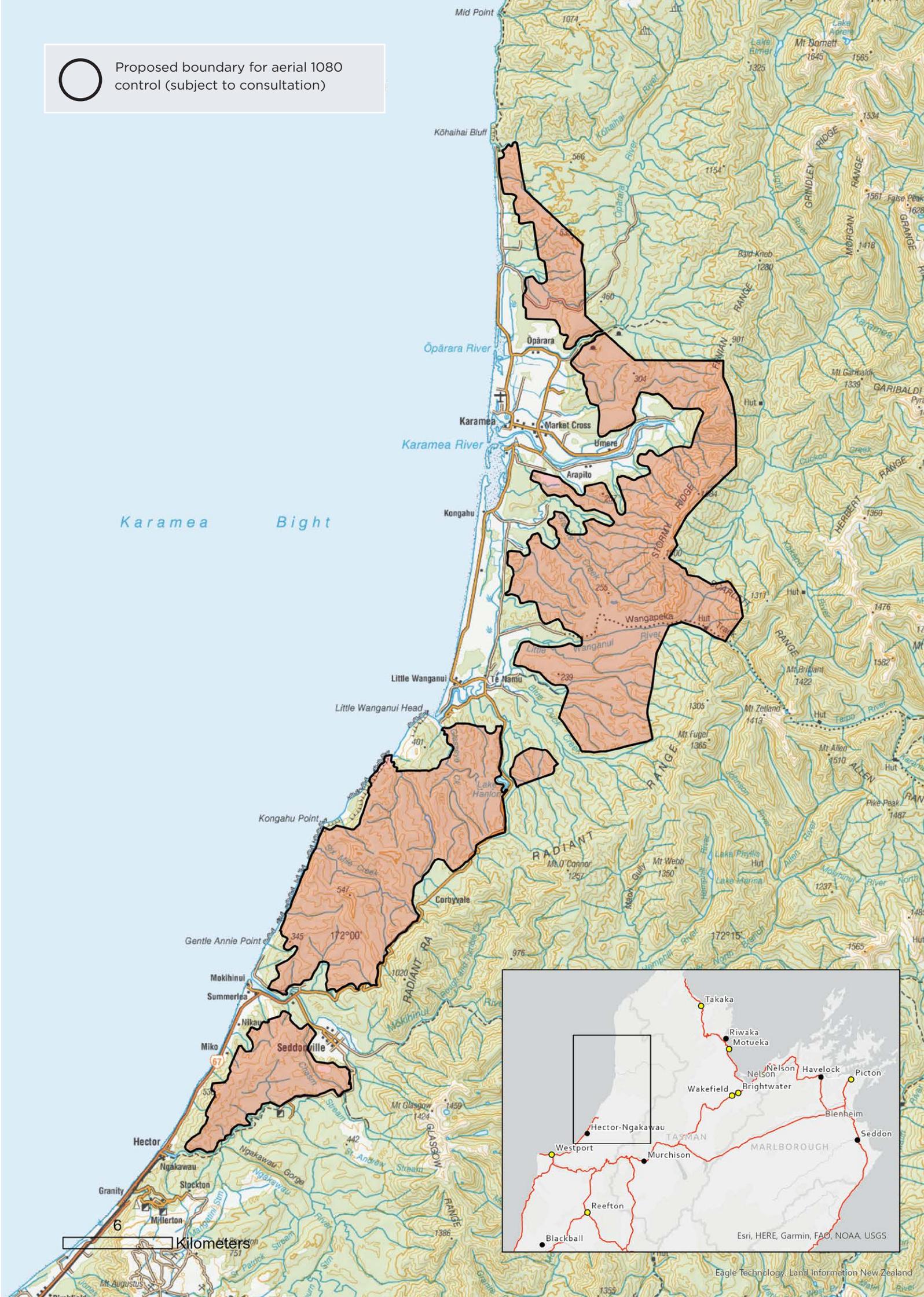
The operation will have additional conservation benefits for native birds and bush. Possums eat the forest canopy and prey on native birdlife, including eggs and chicks. Biodegradable 1080 is also extremely effective at controlling other introduced predators such as ship rats and stoats.

Our work adjoins larger predator control operations planned by DOC in 2023, these lay to the east to the east and will support the protection of native wildlife like whio, great spotted kiwi, kaka, powelliphanta land snails and long tailed bats.



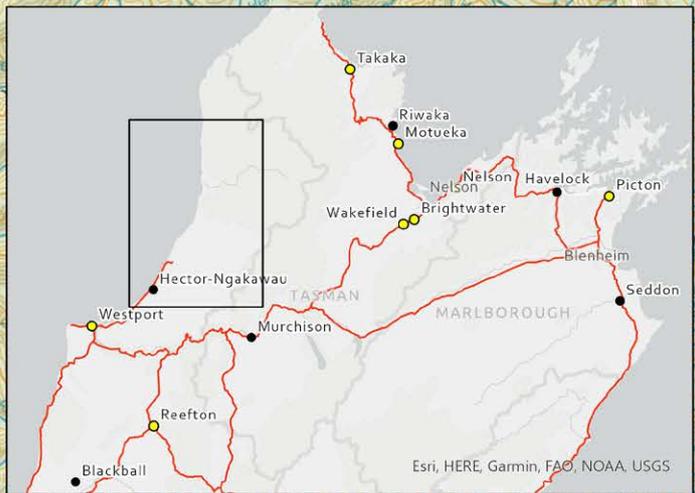


Proposed boundary for aerial 1080 control (subject to consultation)



Karamea Bight

6 Kilometers



## Important information

**Warning signs will be placed at all main access points to the operational area. Everyone must follow the cautions on the signs. There's no health risk when using this area as long as you follow these instructions:**

**Do not** handle any bait or allow children to wander unsupervised. Cereal baits containing 1080 are dyed green.

**Do not** hunt or take game from within a two-kilometre radius of

the operational area for human or pet consumption. It's an offence to sell meat products that have been exposed to 1080. Hunting can resume approximately four months following the control work.

Please observe these rules whenever you see warning signs about the pesticide. Warning signs indicate that pesticide residues may still be present in the baits or carcasses. When the signs are officially removed, you can resume normal activities in the area.



### Do not bring dogs into the area until the warning signs have been officially removed.

Dogs are particularly susceptible to 1080. They must not be allowed access to bait or poisoned carcasses which remain toxic to dogs until they have fully decomposed.

Free dog muzzles will be provided on request. Please contact OSPRI or the contractor to obtain a muzzle.



### There is no risk to public drinking water

Biodegradable 1080 is highly soluble and does not persist in water or soil. Local health authorities apply strict conditions to aerial operations so that drinking water supplies are not contaminated. Safety has been confirmed by tests on several thousand water samples taken after aerial 1080 operations over many years.



### What to do if you suspect poisoning

Contact your local hospital or doctor, or **dial 111**

National Poisons Centre  
**0800 POISON (764 766)**

If a domestic animal is poisoned, contact a local veterinarian.



### Further information

#### OSPRI

Upper South Island office  
PO Box 8674, Riccarton,  
Christchurch 8440

**P** 03 363 3090

**E** [vectorsni@ospri.co.nz](mailto:vectorsni@ospri.co.nz)

**W** [ospri.co.nz](http://ospri.co.nz)

#### Contractor

Vector Control Services

**P** 0508 141 268

**E** [info@vcs.net.nz](mailto:info@vcs.net.nz)

#### Links

- Controlling bovine TB and how and why 1080 is used in New Zealand:  
[ospri.co.nz/tb-and-pest-control](http://ospri.co.nz/tb-and-pest-control)
- Recreational hunting, 'TB Information for Hunters' factsheet: [ospri.co.nz](http://ospri.co.nz)
- Commercial hunting: Ministry for Primary Industries and Department of Conservation websites.