



Department of Conservation
Te Papa Atawhai

eth

September 2019

Director-General
Department of Conservation
17 High Street
Greymouth

CC: permissions@epa.govt.nz
Delivery Planner (Biodiversity)

ATTENTION: s 9(2)(a), 9(2)(g)(ii)

PERMISSION ID: 6040500
TE MARUIA – RAT CONTROL OPERATION

Permission was granted for the above operation under permission ID 5957031. That permission is revoked immediately.

The following permission is granted to take immediate effect. Permission is granted under:

- *Section 95A of the Hazardous Substances and New Organisms Act 1996*
- *Sections 53 and 54 of the Wildlife Act 1953*
- *Section 50 of the Reserves Act 1977*
- *Section 38 of the Conservation Act 1987*
- *Sections 5 and 51A of the National Parks Act 1980*

for the Director-General of the Department of Conservation or any person acting under his authority (including contractors) to apply:

- Sodium fluoroacetate (1080), 0.15% cereal baits (aerial and hand laid)

on or after 1 September 2019 until 13 December 2019 and undertake the actions approved under the above Acts on the lands managed or administered by the Department of Conservation and other lands (listed below) and as shown on the operation area on the **attached maps**:

1. 33 ha of Otira-Kopara Forest Conservation Area, a Stewardship Area, under section 25 of the Conservation Act 1987
2. 215 ha of the Lake Sumner Forest Park, a Conservation Park under section 19 of the Conservation Act 1987
3. 0.4 ha of Blue Grey River, a Fixed Marginal Strip under Part 4A of the Conservation Act 1987
4. 47,285 ha of the Victoria Forest Park, a Conservation Park under section 19 of the Conservation Act 1987
5. 2.5 ha of Inangahua Forest Conservation Area, a Stewardship Area, under section 25 of the Conservation Act 1987
6. 808 ha of Palmer Road Conservation Area, a Stewardship Area, under section 25 of the Conservation Act 1987

7. 763 ha of the Rahu Scenic Reserve, a Scenic Reserve under section 19 of the Reserves Act 1977
8. 72 ha of Station Creek Conservation Area, a Stewardship Area, under section 25 of the Conservation Act 1987
9. 159 ha of the Springs Junction Scenic Reserve, a Scenic Reserve under section 19 of the Reserves Act 1977
10. 35 ha of Robinson River Conservation Area, a Stewardship Area, under section 25 of the Conservation Act 1987
11. 239 ha of the Blackadder Scenic Reserve, a Scenic Reserve under section 19 of the Reserves Act 1977
12. 0.5 ha of Rahu River, a Fixed Marginal Strip under Part 4A of the Conservation Act 1987
13. 77 ha of Upper Grey River Conservation Area, a Stewardship Area, under section 25 of the Conservation Act 1987
14. 22 ha of the unnamed Scenic Reserve – Maruia Springs, a Scenic Reserve under section 19 of the Reserves Act 1977
15. 11 ha of the Station Creek Scenic Reserve, a Scenic Reserve under section 19 of the Reserves Act 1977
16. 183ha of the Nelson Lakes National Park, a National Park under the National Parks Act 1980
17. 19,722 ha of the Lewis Pass Scenic Reserve, a Scenic Reserve under section 19 of the Reserves Act 1977
18. 3 ha of Gravel – Red Stream Local Purpose Reserve, a Local Purpose Reserve under section 23 of the Reserves Act 1977.
19. 139.08 ha land administered by LINZ
20. 263.08 land administered by Buller District Council

Non-toxic prefeed may be applied no earlier than 1 September 2019.

This operation is approved for the purpose of controlling rats in an attempt to reduce pest numbers and allow breeding success of native species present in the operational area. It is recognized that this operation may kill other pests, including stoats and possums.

The permission is given subject to the requirement that the operation:

- Is generally carried out as described in the Application Form submitted on 21 August 2019..
- Meets the conditions shown in the attached sheets of DOC Performance Standards for Pesticide Uses Numbers #1, #2, #140, and #141.
- Has a readiness check completed to the satisfaction of the Operations Director, Westland South Island prior to any application of toxic bait.

Notwithstanding that the permission must comply with these requirements, it is acknowledged that there is a possibility indigenous animals may be killed and so this permission authorises such deaths for the greater protection of indigenous species.

Auditing may occur to establish whether those conditions are being met. If not, the permission will be revoked and further action may ensue.

s 9(2)(a)



Hilary Aikman, Director National Operations

Pursuant to a written delegation from:

- The Chief Executive, Environmental Protection Authority for section 95A of the Hazardous Substances and New Organisms Act 1996
- The Director-General of Conservation for sections 53 and 54 of the Wildlife Act 1953
- The Minister of Conservation for section 50 of the Reserves Act 1977
- The Director-General of Conservation (as administering body) for section 50 of the Reserves Act 1977
- The Director-General of Conservation for section 38 of the Conservation Act 1987
- The Minister of Conservation for sections 5 and 51A of the National Parks Act 1980

Enc: **Map(s)** (see below)

DOC Performance Standards:

PU#1 (DOC-6033071)

PU#2 (DOC-6015550)

PU#140 (DOC-6015544)

PU#141 (DOC-6033084)

Assessment Report:

DOC-5954422

Ref: 6040500

◆ INCLUDE ONE SHEET PER PESTICIDE USE ◆ COMPLETE SHADED AREAS ◆

Pesticide Use #1	Sodium fluoroacetate 1.5g/kg Cereal pellet Aerial (0.15% 1080 Pellet)	Target Pests: Possums, Rats
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Location of operation
Te Maruia



Caution Period

The estimated caution period for this operation is 9 months after last date of bait application and is subject to compulsory bait and carcass monitoring. This estimated caution period cannot be reduced to less than 4 months, and must be extended if the endpoints for monitoring have not been met at the end of the period.

Performance Standards

Compulsory for **all** operations

1. For operations targeting rats, prefeed with this pesticide use.
2. The DOC Code of practice for aerial 1080 in kea habitat [DOC-2612859](#) must be followed.
3. Flight paths to and from the bait loading zones by aircraft equipped with loaded or uncleaned bait sowing equipment must avoid: stocked paddocks, residential dwellings, and any other 'no fly zones' specified by consent providers.
4. An aircraft must not, when flying to or from the treatment area, fly over a public drinking water supply or waterway that is less than 100 metres upstream of a point of extraction from a water source for a drinking water supply (not being a water supply exclusively for stock).
5. For operations targeting possums, baits will have a mean size in excess of 6g and 95% of baits should weigh more than 4g.
6. The baits must be dyed green or blue.
7. The boundaries of the bait preparation and loading site are marked and loading site signs [docdm-181171](#) erected. At the end of every day of the operation (including the final day), the loading site and any storage area must be fenced so that people do not inadvertently enter the site and stock cannot gain access to the area. The fence and signs remain in place until the area is decontaminated.
8. If there is any likelihood that farm stock has been exposed to 1080, the owner must be advised as soon as possible, and stock removed from the area.
9. The product must only be used as specified on the manufacturer's product label.

Compulsory for this operation

10. Bait sowing rate must be no greater than 2kg/ha for 6gm baits (or equivalent bait density per hectare for other bait sizes).
11. Designate a "Safety Officer" on loading site who audits and ensures adherence to safety standards.

Information Needs

Compulsory for **all** operations

Nil

Compulsory for this operation

Nil

Operational Planning & Design Considerations

- Apply bait in coldest months of year.
- For operations targeting possums, do not repeat aerial operations within 4 years using the same bait.
- Current Agreed Best Practice – Possum Control – Aerial Application of 1080 Cereal Pellets [docdm-341728](#)
- Current Agreed Best Practice – Rat Control – Aerial Application of 1080 Cereal Bait [docdm-29375](#)

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My approval dated 09/19
Compliance monitoring may occur.

is

ds being met.

Hilary Aikman

Released under the Official Information Act

Pesticide Use #2	Sodium fluoroacetate 1.5g/kg Cereal pellet Handlaying (0.15% 1080 pellet)	Target Pests: Possums, Rats
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Location of operation
Te Maruia



Caution Period
 The estimated caution period for this operation is 9 months after last date of bait application and is subject to compulsory bait and carcass monitoring. This estimated caution period cannot be reduced to less than 4 months, and must be extended if the endpoints for monitoring have not been met at the end of the period.

Performance Standards
Compulsory for all operations

1. For operations targeting rats, prefeed with this pesticide use.
2. For operations targeting possums, baits will have a mean size in excess of 6g and 95% of baits should weigh more than 4g.
3. The baits must be dyed green or blue.
4. The product must only be used as specified on the manufacturer's product label.

Compulsory for this operation


5. The DOC Code of practice for aerial 1080 in kea habitat [DOC-2612859](#) must be followed.

Information Needs
Compulsory for all operations
 Nil

Compulsory for this operation
 Nil

Operational Planning & Design Considerations

- Current Agreed Best Practice – Possum Control – Handlaying 1080 Cereal Pellets [docdm-29797](#).

My approval dated <u>6/9/19</u>	is s 	standards being met.
Compliance monitoring may occur.		
	<u>Hilary Aitken</u>	

Released under the Official Information Act

◆ INCLUDE ONE SHEET PER PESTICIDE USE ◆ COMPLETE SHADED AREAS ◆

Pesticide Use #140	Sodium fluoroacetate 1.5g/kg Cereal pellet Aerial (Pestex)	Target Pests: Possums, Rats
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Location of operation
<i>Te Maruia</i>



Caution Period
The estimated caution period for this operation is 9 months after last date of bait application and is subject to compulsory bait and carcass monitoring. This estimated caution period cannot be reduced to less than 4 months and must be extended if the endpoints for monitoring have not been met at the end of the period.

Performance Standards

*Compulsory for **all** operations*

1. For operations targeting rats, prefeed with this pesticide use.
2. The DOC Code of practice for aerial 1080 in kea habitat [DOC-2612859](#) must be followed.
3. Flight paths to and from the bait loading zones by aircraft equipped with loaded or uncleaned bait sowing equipment must avoid: stocked paddocks, residential dwellings, and any other 'no fly zones' specified by consent providers.
4. An aircraft must not, when flying to or from the treatment area, fly over a public drinking water supply or waterway that is less than 100 metres upstream of a point of extraction from a water source for a drinking water supply (not being a water supply exclusively for stock).
5. For operations targeting possums, baits will have a mean size in excess of 6g and 95% of baits should weigh more than 4g.
6. The baits must be dyed green or blue.
7. The boundaries of the bait preparation and loading site are marked and loading site signs [docdm-181171](#) erected. At the end of every day of the operation (including the final day), the loading site and any storage area must be fenced so that people do not inadvertently enter the site and stock cannot gain access to the area. The fence and signs remain in place until the area is decontaminated.
8. If there is any likelihood that farm stock has been exposed to 1080, the owner must be advised as soon as possible, and stock removed from the area.
9. The product must only be used as specified on the manufacturer's product label.

Compulsory for this operation

10. Bait sowing rate must be no greater than 2kg/ha for 6gm baits (or equivalent bait density per hectare for other bait sizes).
11. Designate a "Safety Officer" on loading site who audits and ensures adherence to safety standards.

Information Needs

*Compulsory for **all** operations*

Nil

Compulsory for this operation

Nil

Operational Planning & Design Considerations

- Apply bait in coldest months of year.
- For operations targeting possums, do not repeat aerial operations within 4 years using the same bait.

- Current Agreed Best Practice – Possum Control – Aerial Application of 1080 Cereal Pellets [docdm-341728](#)
- Current Agreed Best Practice – Rat Control – Aerial Application of 1080 Cereal Bait [docdm-29375](#)

s 9(2)(a)

My approval dated <u>6/9/19</u>	is subj	ng met.
Compliance monitoring may occur.		

Hilary Allman

Released under the Official Information Act

◆ INCLUDE ONE SHEET PER PESTICIDE USE ◆ COMPLETE SHADED AREAS ◆

Pesticide Use #141	Sodium fluoroacetate 1.5g/kg Cereal pellet Hand laying (Pestex)	Target Pests: Possums, Rats
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Location of operation
Te Maruia

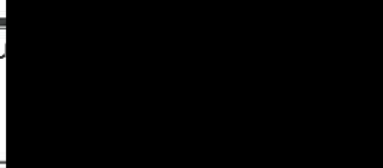


Caution Period
The estimated caution period for this operation is 9 months after last date of bait application and is subject to compulsory bait and carcass monitoring. This estimated caution period cannot be reduced to less than 4 months, and must be extended if the endpoints for monitoring have not been met at the end of the period.

Performance Standards
<i>Compulsory for <u>all</u> operations</i>
1. For operations targeting rats, prefeed with this pesticide use.
2. For operations targeting possums, baits will have a mean size in excess of 6g and 95% of baits should weigh more than 4g.
3. The baits must be dyed green or blue.
4. The product must only be used as specified on the manufacturer's product label.
<i>Compulsory for this operation</i>
5. The DOC Code of practice for aerial 1080 in kea habitat DOC-2612859 must be followed.

Information Needs
<i>Compulsory for <u>all</u> operations</i>
Nil
<i>Compulsory for this operation</i>
Nil

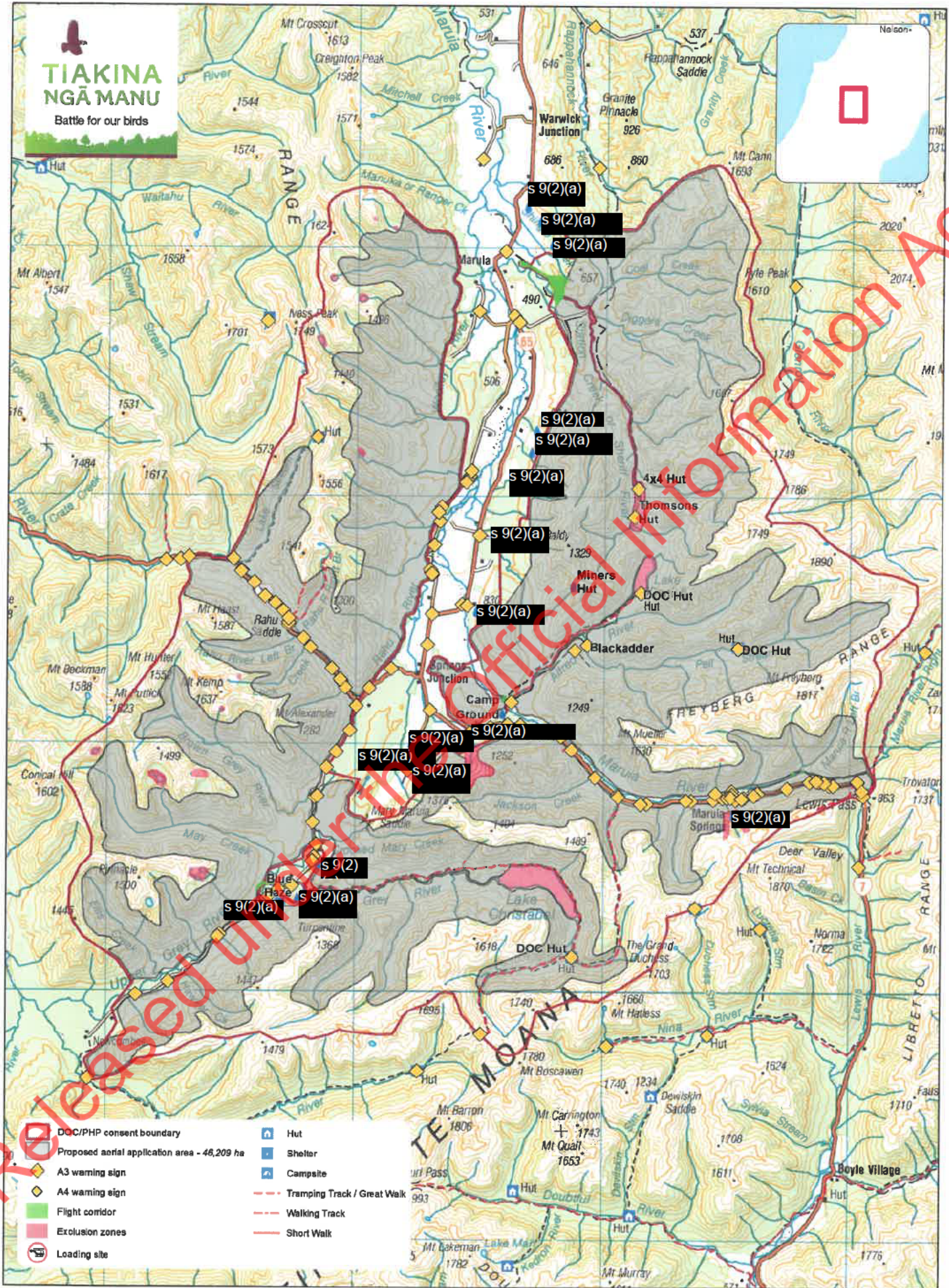
Operational Planning & Design Considerations
▪ Current Agreed Best Practice – Possum Control – Handlaying 1080 Cereal Pellets docdm-29797 .

My approval dated <u>6/9/19</u> is su  standards being met.
Compliance monitoring may occur.
<u>Hilary Aikman</u>

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TIAKINA NGĀ MANU

Battle for our birds



- DOC/PHP consent boundary
- Hut
- Shelter
- Campsite
- A3 warning sign
- A4 warning sign
- Flight corridor
- Exclusion zones
- Loading site
- Tramping Track / Great Walk
- Walking Track
- Short Walk

5 Kilometres

Te Maruia - DOC Permission Application MAP 1

Aerial Predator Control 2019

Area of DOC/PHP application: 70,330 ha

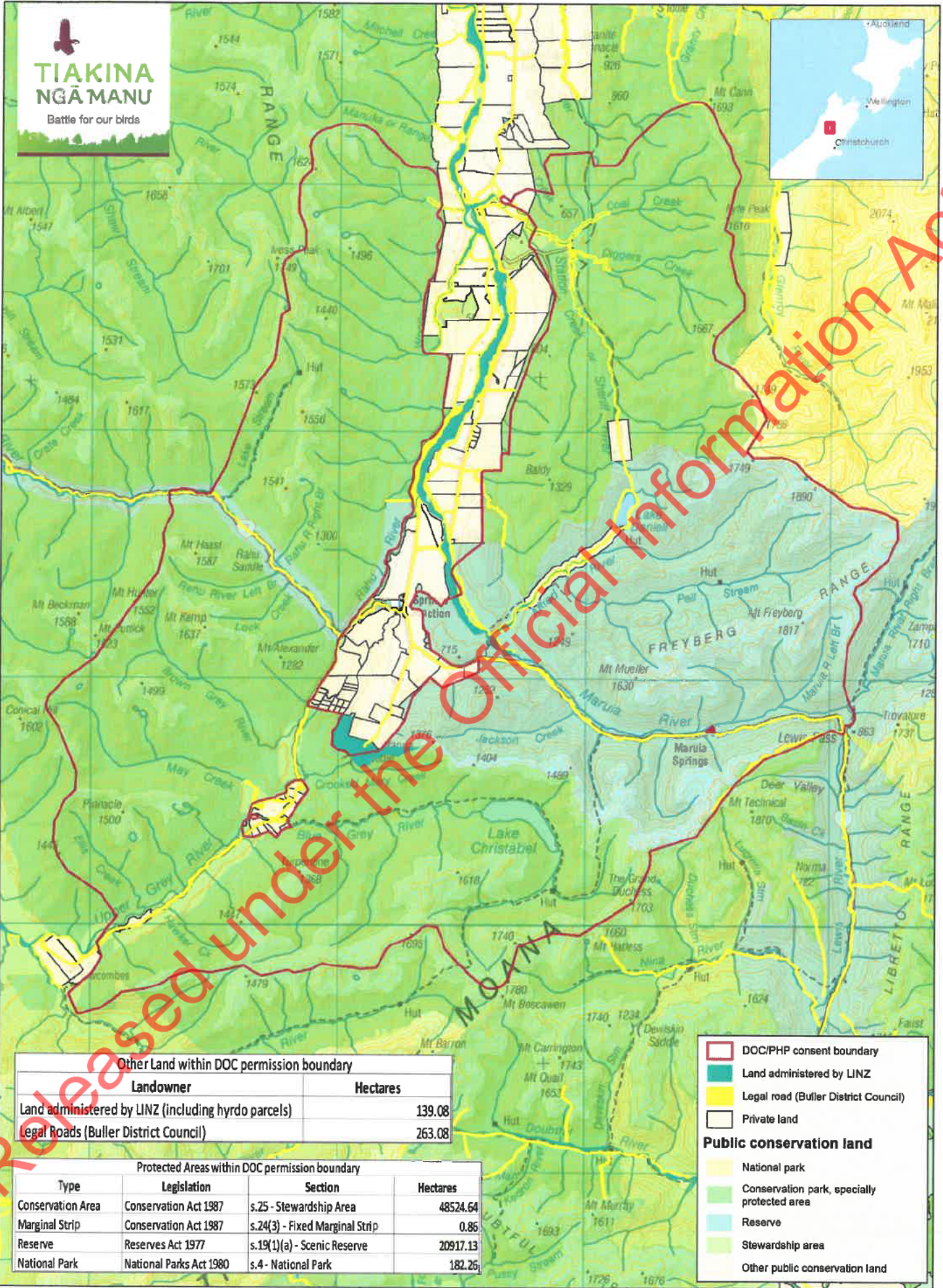
1:137,199
NZGD 2000 New Zealand Transverse Mercator
Nil sea margins
Crown Copyright Reserved
Blueprint: 1:3042 Topo50/250
DOC, Geospatial Services
3/09/2019



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TIAKINA NGĀ MANU

Battle for our birds



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Other Land within DOC permission boundary

Landowner	Hectares
Land administered by LINZ (including hydro parcels)	139.08
Legal Roads (Buller District Council)	263.08

Protected Areas within DOC permission boundary

Type	Legislation	Section	Hectares
Conservation Area	Conservation Act 1987	s.25 - Stewardship Area	48524.64
Marginal Strip	Conservation Act 1987	s.24(3) - Fixed Marginal Strip	0.86
Reserve	Reserves Act 1977	s.19(1)(a) - Scenic Reserve	20917.13
National Park	National Parks Act 1980	s.4 - National Park	182.25

DOC/PHP consent boundary

- DOC/PHP consent boundary
- Land administered by LINZ
- Legal road (Buller District Council)
- Private land

Public conservation land

- National park
- Conservation park, specially protected area
- Reserve
- Stewardship area
- Other public conservation land

3 km
 1137 943
 NZGD 2000 New Zealand Transverse Mercator
 Not for navigation
 Crown Copyright Reserved
 Basemap: LINZ 2010/0256
 DOC, Geospatial Services
 4/09/2019

Te Marua - Public DOC Permission Application

Map 2 - Landowners

Aerial Predator Control 2019

Area of PHP application: 70,330 ha

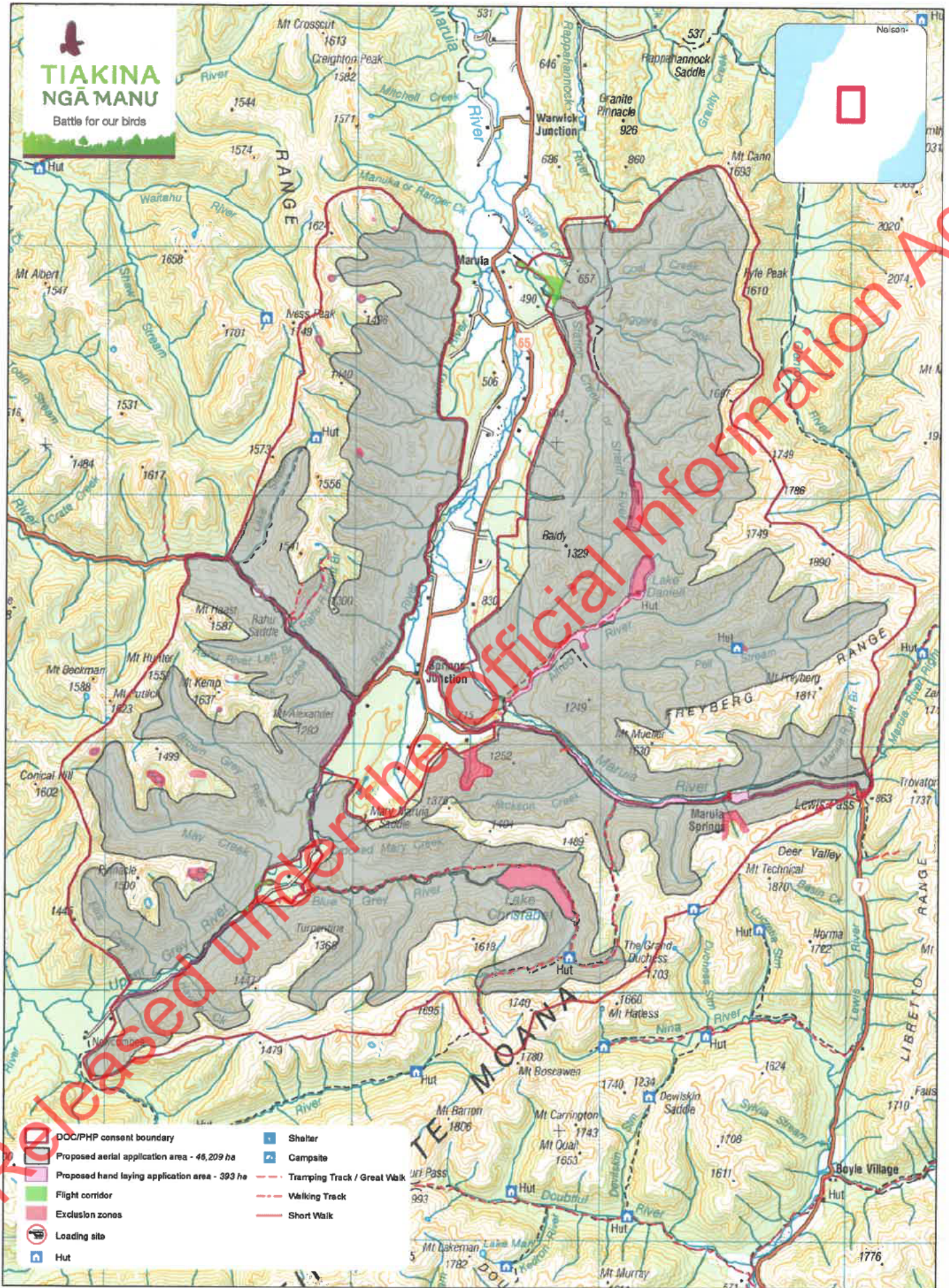
s 9(2)(a)



New Zealand Government

TIAKINA NGĀ MANU

Battle for our birds



Released under the Official Information Act

- DOC/PHP consent boundary
- Proposed aerial application area - 46,209 ha
- Proposed hand laying application area - 393 ha
- Flight corridor
- Exclusion zones
- Loading site
- Hut
- Shelter
- Campsite
- Tramping Track / Great Walk
- Walking Track
- Short Walk

5 Kilometres

Te Maruia - DOC Permission Application
MAP 3 - Ground treatment
 Aerial Predator Control 2019
 Area of DOC/PHP application: 70,330 ha

s 9(2)(a)



1:137,199
 NZSD 2000 New Zealand Transverse Mercator
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 Base map: LINZ Topo 50/250
 DOC, Geospatial Services
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