



Department of Conservation
Te Papa Atawhai

9 October 2019

EcoFX Ltd
PO Box 248
Otorohanga

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

ATTENTION: § 9(2)(a)

**PERMISSION ID 6000922:
HOLLYFORD – RAT AND POSSUM CONTROL OPERATION**

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 38 of the Conservation Act 1987*
- *Sections 5 and 51A of the National Parks Act 1980*

for EcoFX Ltd or any person acting under its authority (including contractors) to apply:

- Sodium fluoroacetate 1.5g/kg Cereal pellet, (0.15% 1080 pellets) aerial and hand broadcast

on or after the date of this letter until 31 May 2020 and undertake the actions approved under the above Acts on the lands managed or administered by the Department of Conservation and to take action on the other land as authorized under the Wildlife Act, on the lands listed below and shown on the **attached maps**:

Public Conservation Land

1. 12267.6 ha of the Pyke Forest Conservation Area, a Stewardship Area under section 25 of the Conservation Act 1987
2. 57598 ha of the Fiordland National Park, a National Park under the National Parks Act 1980

Other land tenure

3. 291.7 ha of Legal Roads (Southland District Council)
4. 443.3 ha of land administered by Land Information New Zealand
5. 295 ha of Private Freehold

Non-toxic prefeed may be applied no earlier than the date of this letter.

This operation is approved for the purpose of controlling rats (with a by-kill of stoats) and possums to protect native fauna and flora such as mistletoe, long-

tailed bat, kea and kaka. It is recognized that this operation may kill other pests.

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

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

Notwithstanding that the permission holder must comply with these requirements, it is acknowledged that there is a possibility that indigenous species may be killed and so this permission authorizes 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)



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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 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)**

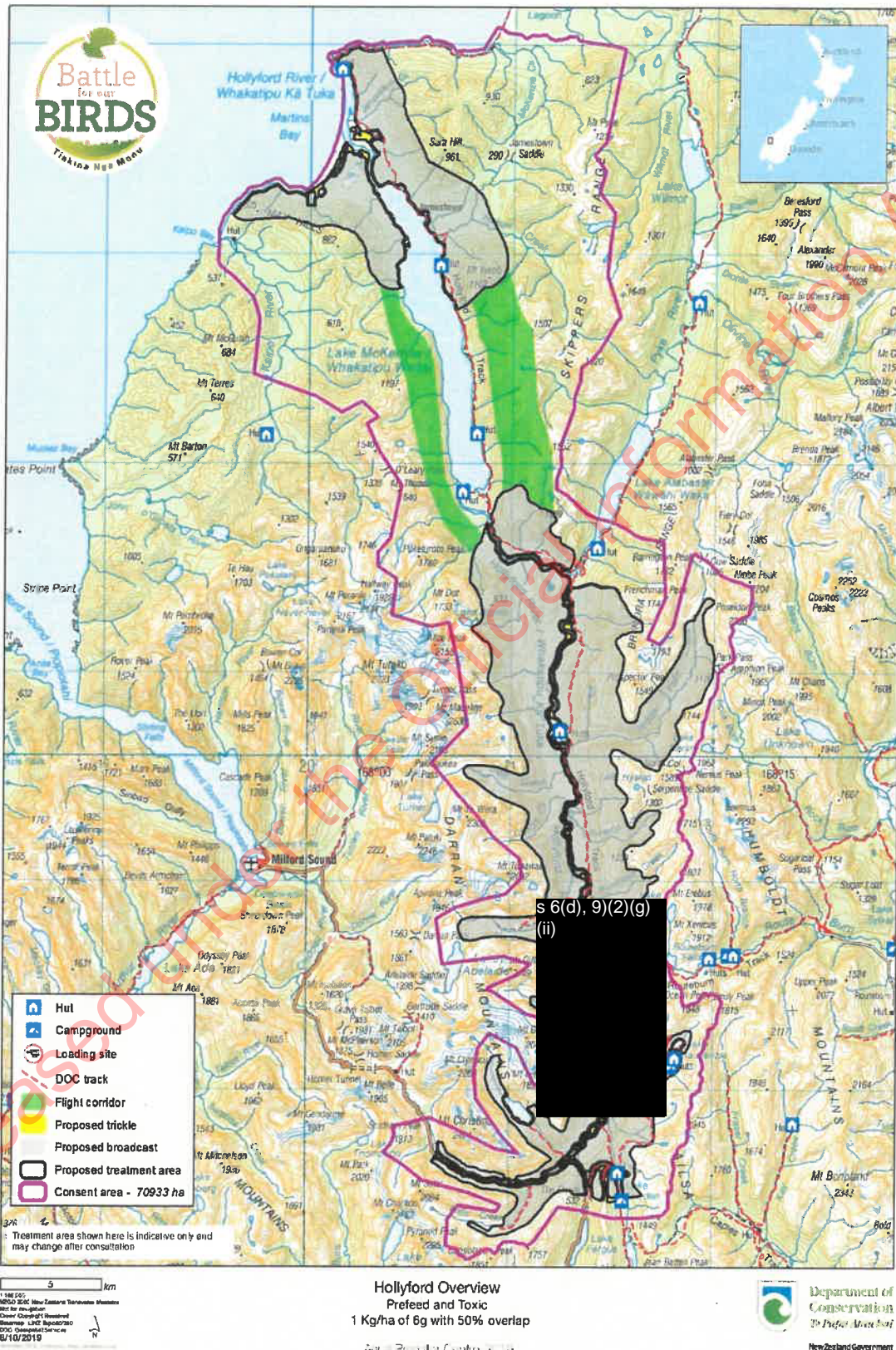
- **Overview map (below):**
- DOC-6092821
- **Additional operational maps:**
- Maps 1 DOC-6000589
- Map 2 DOC-6014728
- Map 3 DOC-6014729

DOC Performance Standards

- #1 DOC-6000266
- #2 DOC-6000275
- #140 DOC-6000280
- #141 DOC-6062039

Application Assessment Report

- DOC-6072641



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◆ 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
Upper and Lower Hollyford



Caution Period
The estimated caution period for this operation is 8 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](#)

My approval dated 9/10/19 is subject to these performance standards being met.
Compliance monitoring may occur. § 9(2)(a)

Hilary Aikman, Director National Operations

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
Upper and Lower Hollyford



Caution Period

The estimated caution period for this operation is 8 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 9/10/19
Compliance monitoring may occur.

is subject to these performance standards being met.
s 9(2)(a)

Hilary Aikman, Director National Operations

◆ 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
Upper and Lower Hollyford



Caution Period
The estimated caution period for this operation is 8 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](#)

My approval dated 9/10/19
Compliance monitoring may occur.

C. Aikman
is subject to these performance standards being met.

s 9(2)(a)

Hilary Aikman, Director National Operations

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

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
Upper and Lower Hollyford




Caution Period
The estimated caution period for this operation is 8 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>9/10/19</u> is subject to these performance standards being met. Compliance monitoring may occur.	 Hilary Aikman, Director National Operations
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Released under the Official Information Act