



Department of Conservation
Te Papa Atawhai

25 July 2019

s 9(2)(a)

EcoFX Ltd
33 Huiputea Drive
Otorohanga

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

ATTENTION: s 9(2)(a)

PERMISSION ID 5985825

**KEPLER PENINSULA, FIORDLAND NATIONAL PARK – RAT,
STOAT AND POSSUM CONTROL OPERATION**

Permission is granted under:

- Section 95A of the Hazardous Substances and New Organisms Act 1996
- Section 53 and 54 of the Wildlife Act 1953
- Sections 5 and 51A of the National Parks Act 1980

for EcoFX Ltd, or any other person acting under its authority to apply

- 1) Pesticide Use #1 Sodium fluoroacetate 1.5g kg⁻¹ RS5 cereal pellet, aerial application.
- 2) Pesticide Use #140 Sodium fluoroacetate 1.5g kg⁻¹ cereal pellet (Pestex), aerial application.
- 3) Pesticide Use # 116 Pindone 0.5g kg⁻¹ cereal pellet, bait stations.

on or after 1st August 2019 until 31st July 2020 on the lands listed below and the operation area shown on the **attached maps**:

1. 24,306 ha of the Fiordland National Park, a National Park under the National Parks Act 1980

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

This operation is approved for the purpose of controlling rats, stoats and possums in an attempt to:

- expand the range, and increase the adult female population, of long-tailed bats in the operational area;
- stabilize and increase the population of whio in the Iris Burn.

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

- Is carried out as described in the Application Form submitted 29 May 2019
- Meets the conditions shown in the attached sheets of DOC Performance Standards for Pesticide Uses Numbers 1, 140 and 116.

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



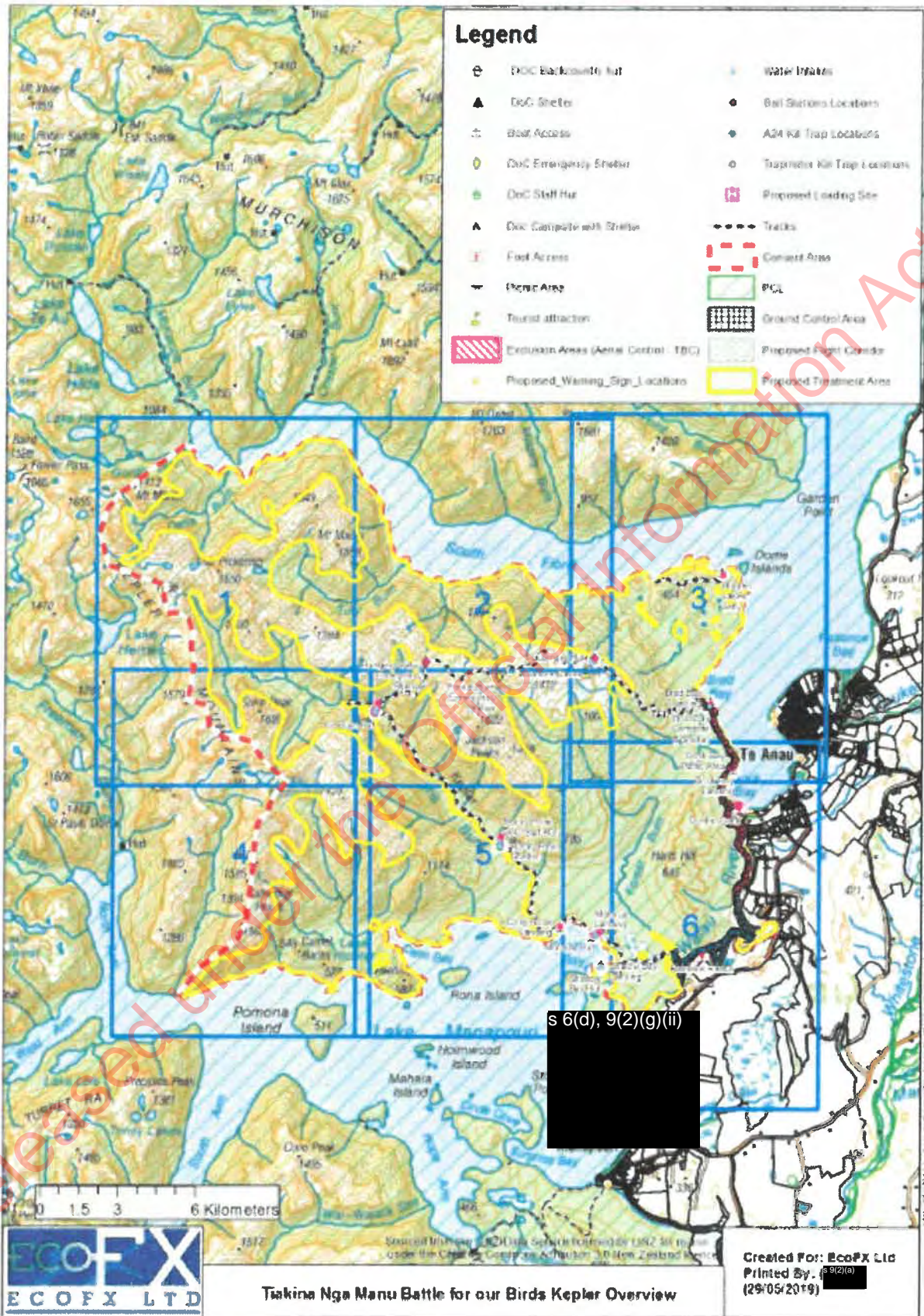
Mike Slater
Deputy Director-General Operations

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 sections 5 and 51A of the National Parks Act 1980

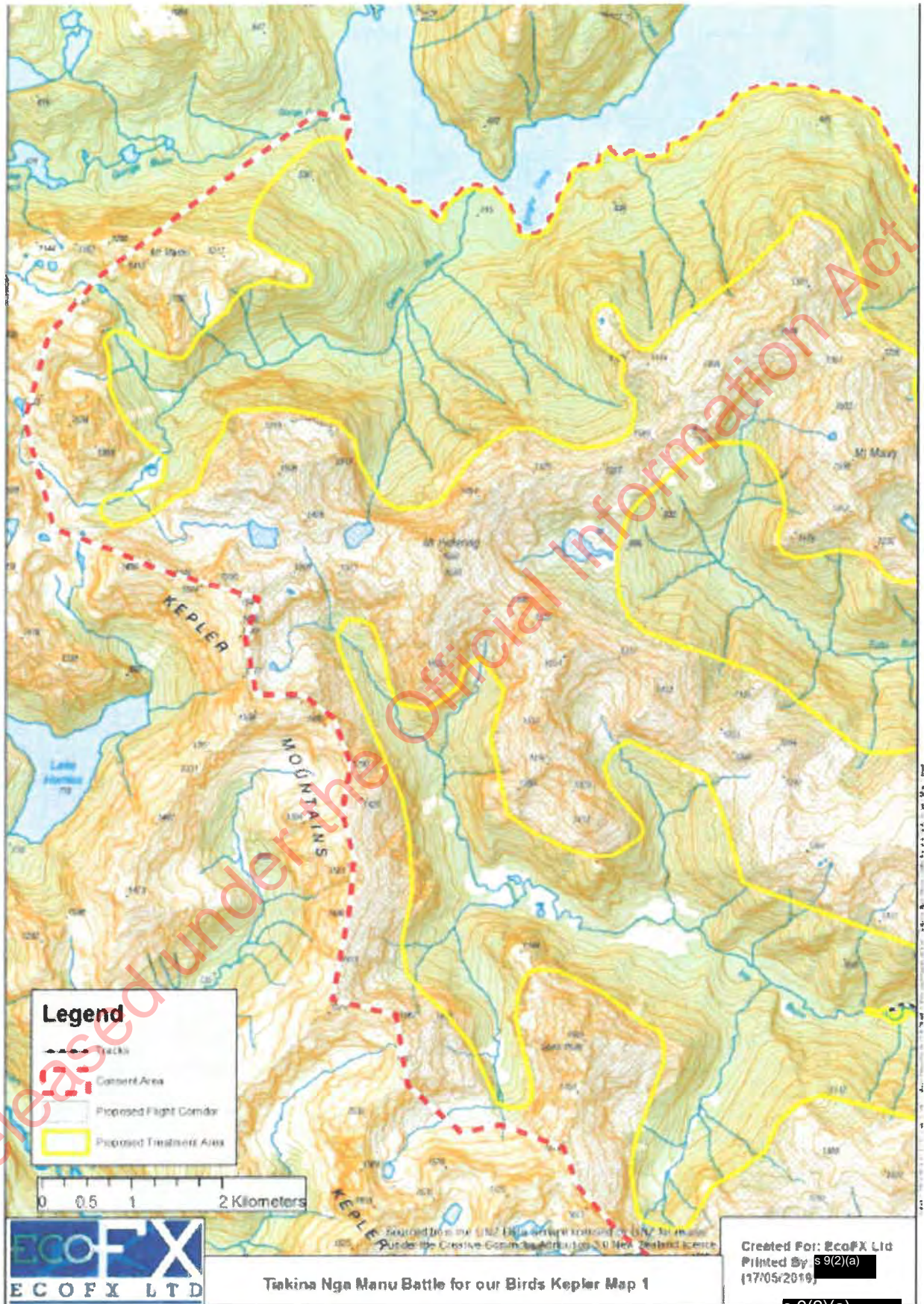
Enc: **Maps**
DOC Performance Standards

Ref: DOC-5985825

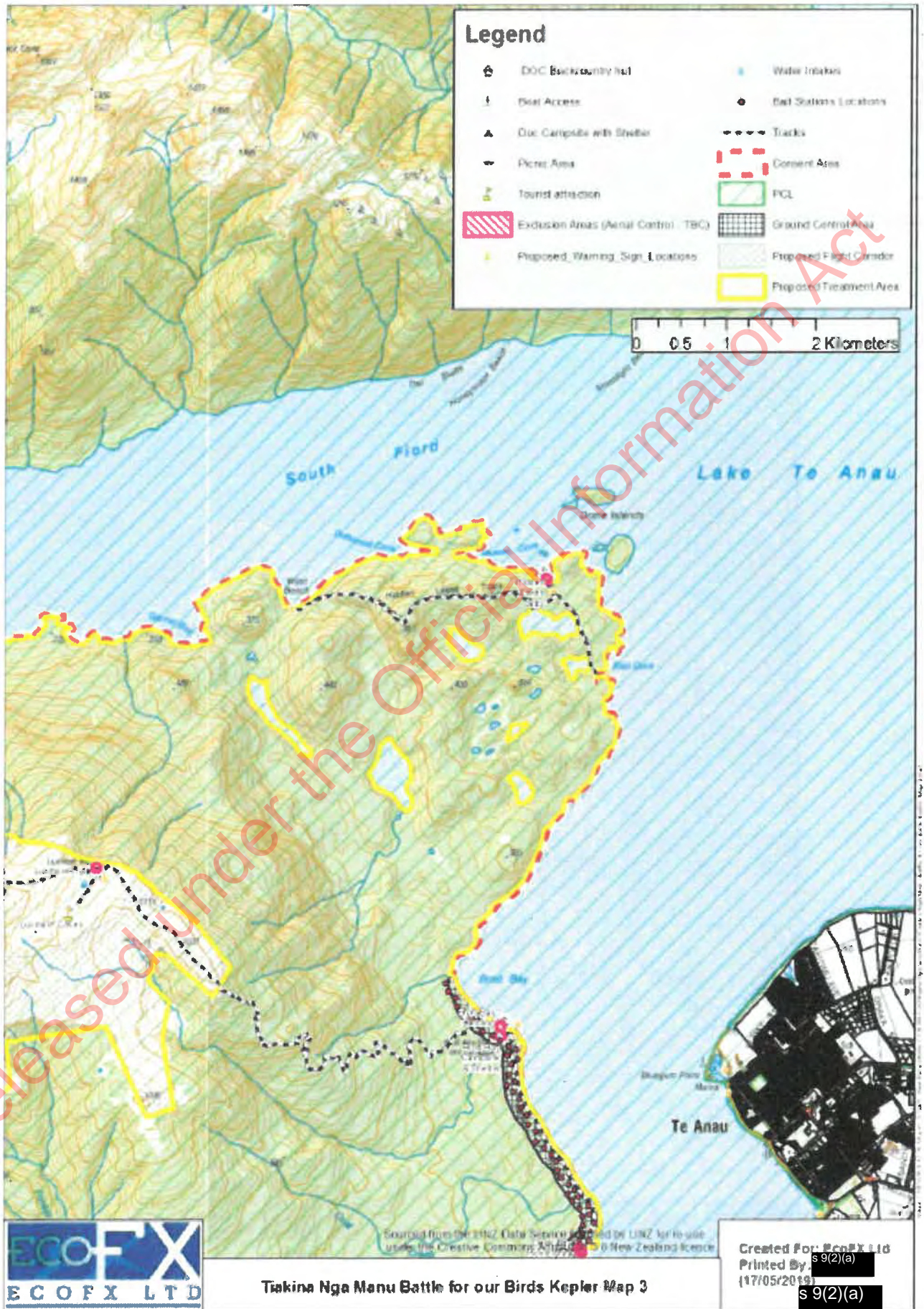


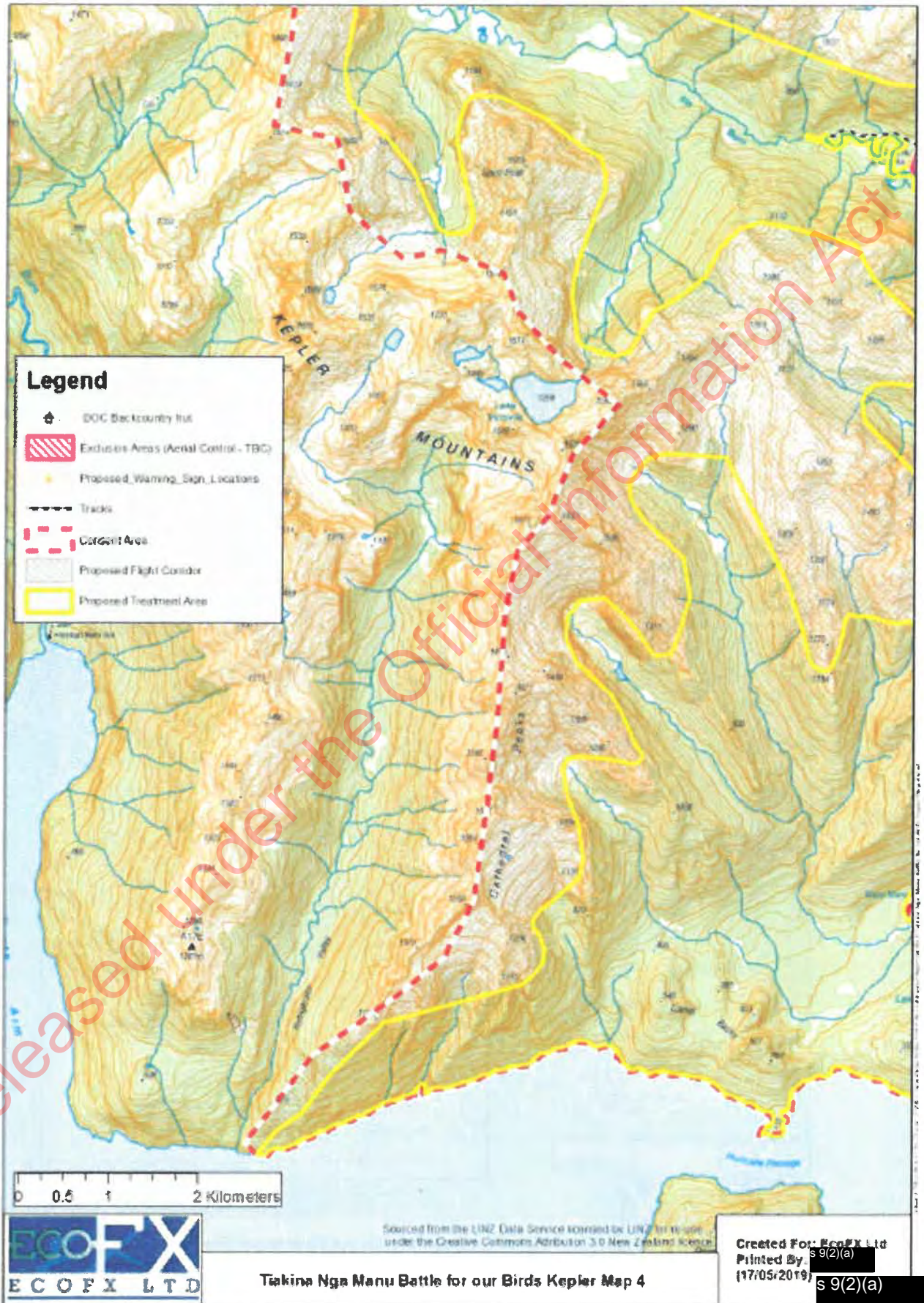
s 6(d), 9(2)(g)(i)

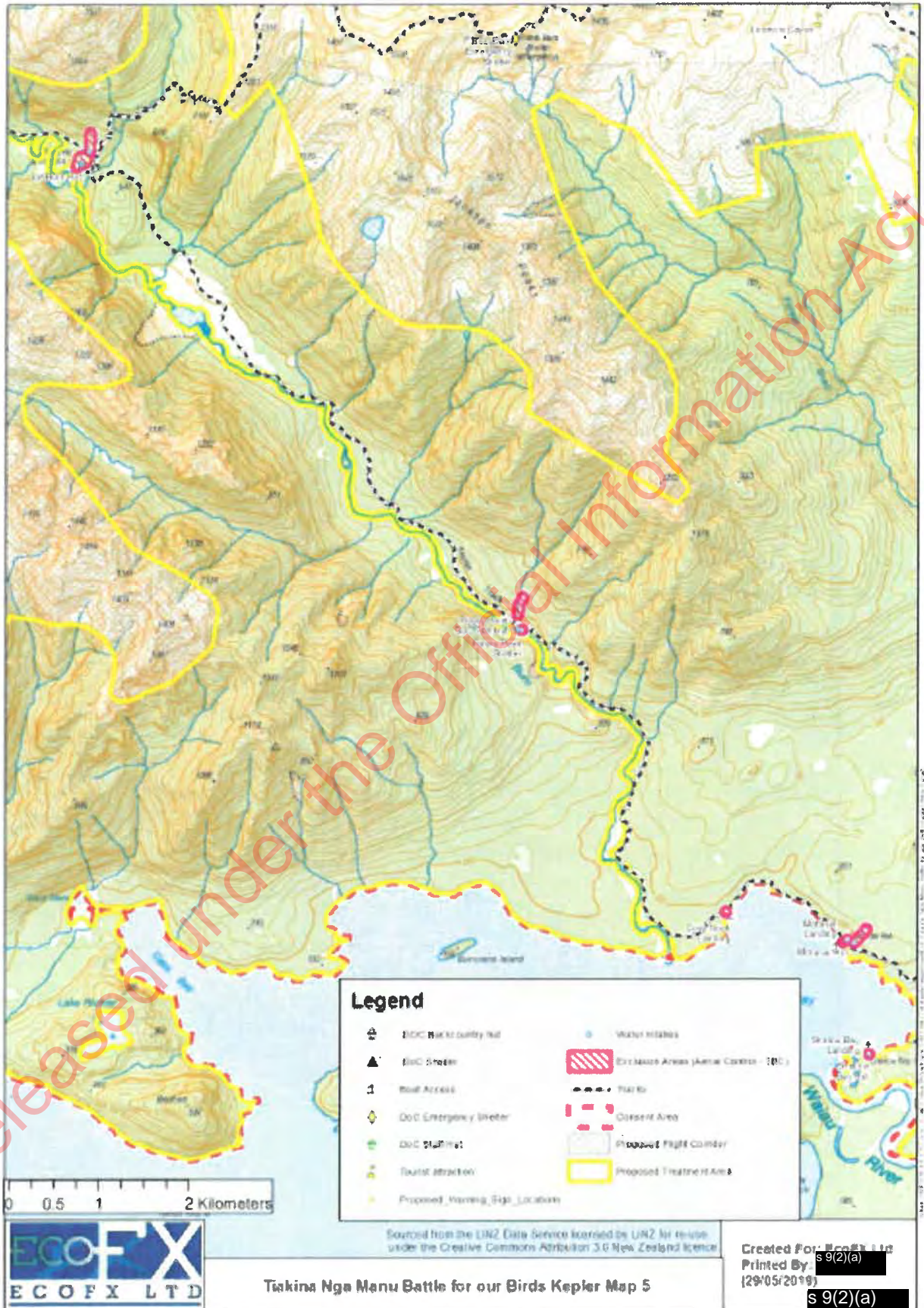
s 9(2)(a)

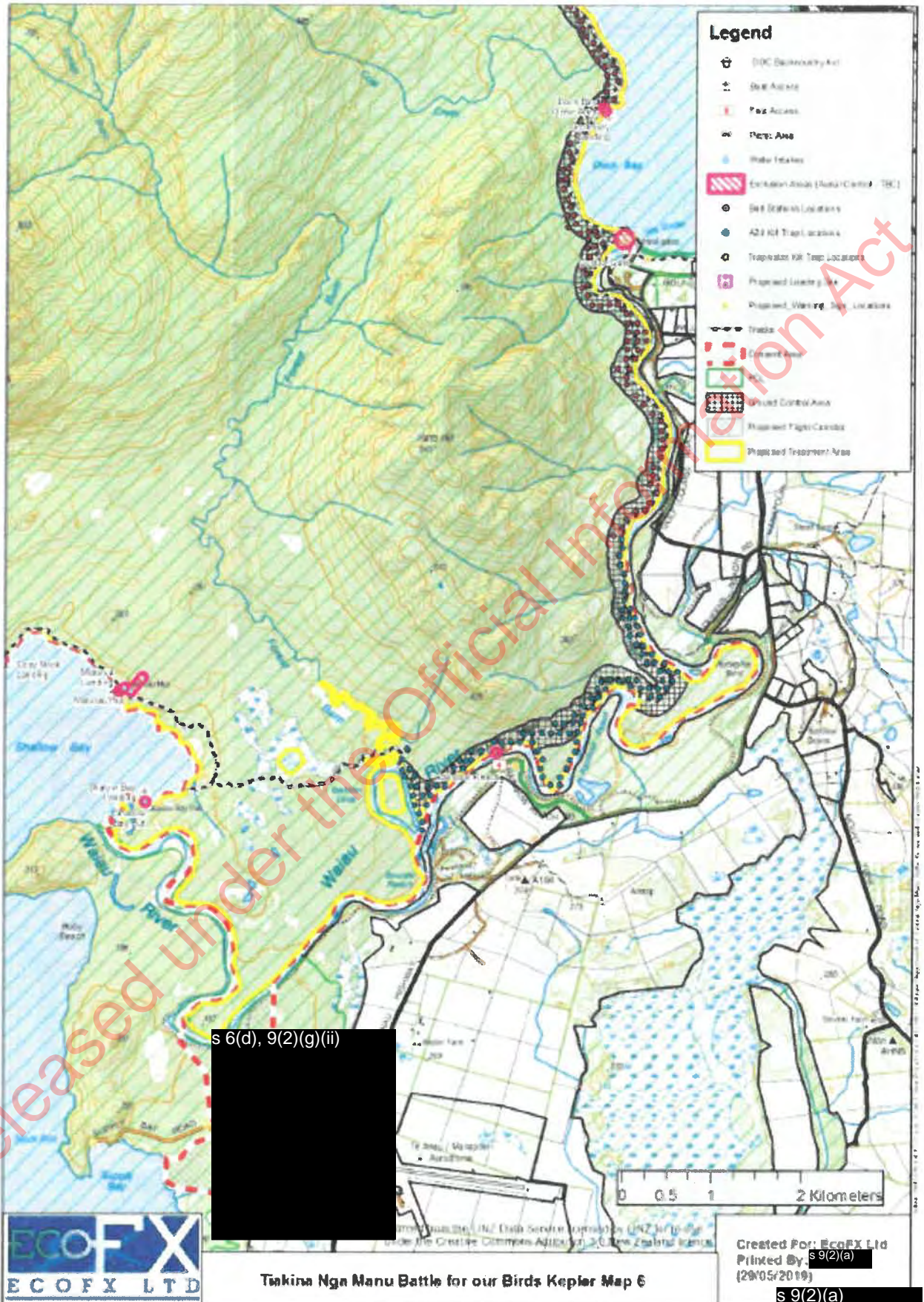










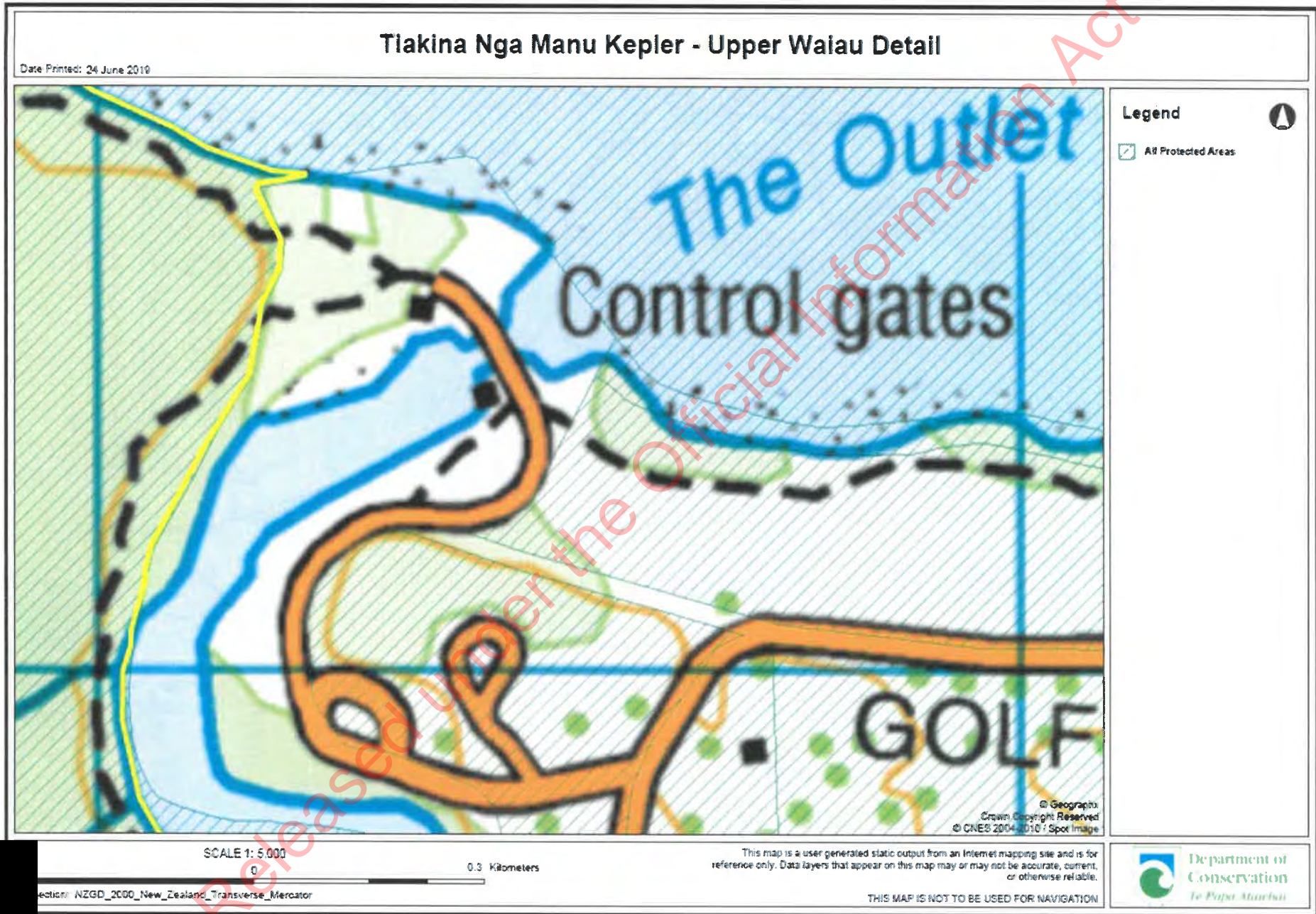


s 6(d), 9(2)(g)(ii)

[Redacted]

s 9(2)(a)

[Redacted]



Released under the Official Information Act

s 9(2)(a)

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

Location of operation
Kepler Peninsula, Fiordland National Park



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

- For operations targeting rats, prefeed with this pesticide use.
- The DOC Code of practice for aerial 1080 in kea habitat [DOC-2612859](#) must be followed.
- 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.
- 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).
- For operations targeting possums, baits will have a mean size in excess of 6g and 95% of baits should weigh more than 4g.
- The baits must be dyed green or blue.
- 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.
- 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.
- The product must only be used as specified on the manufacturer's product label.

Compulsory for this operation

- Bait sowing rate must be no greater than 5kg/ha for 6gm baits (or equivalent bait density per hectare for other bait sizes).
- Designate a "Safety Officer" on loading site who audits and ensures adherence to safety standards.

Information Needs

Compulsory for all operations

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 25th July 2019 is subject to these performance standards being met. Compliance monitoring may occur.

s 9(2)(a)

Mike Slater Deputy Director-General Operations

Released under the Official Information Act

Pesticide Use #140	Sodium fluoroacetate 1.5g/kg Cereal pellet Aerial (Pestex)	Target Pests: Possums, Rats
---------------------------	---	------------------------------------

Location of operation
Kepler Peninsula, Fiordland National Park



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 (delete those that you won't be applying to your operation)

10. Bait sowing rate must be no greater than 5kg/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

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 ^{25th} July 2019 is subject to these performance standards being met. Compliance monitoring may occur.

s 9(2)(a)

Mike Slater Deputy Director-General Operations

Released under the Official Information Act

Pesticide Use #116	Pindone 0.5g/kg Cereal pellet Bait stations (Pindone Pellets)	Target Pests: Rats
---------------------------	--	---------------------------

Location of operation
Kepler Peninsula, Fiordland National Park

Caution Period
The estimated caution period for this operation is 5 months after bait removal and is subject to compulsory carcass monitoring. This estimated caution period cannot be reduced to less than 2 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. Only use at sites where either possums are at very low abundance or being controlled simultaneously; or excluded from bait stations.
2. A continuous supply of bait must be available to all rats for the duration of the operation (a minimum of 5 consecutive days).
3. The baits must be dyed green or blue.
4. Bait stations will be removed or made pesticide-free at the completion of the operation.
5. The product must only be used as specified on the manufacturer's product label.

Information Needs

*Compulsory for **all** operations*

1. Monitoring: Residue test shot samples of feral animals in operational areas, especially pigs and report results in operational report. The Vertebrate Pesticides Residue Database SOP [docdm-33461](#) applies.

Operational Planning & Design Considerations

- Current Agreed Best Practice – Rat Control – 1st Generation Anti-Coagulants in Bait Stations [docdm-29378](#).

My approval dated 25 July 2019 is subject to these performance standards being met. Compliance monitoring may occur.

s 9(2)(a)

Mike Slater Deputy Director-General Operations