



Department of Conservation
Te Papa Atawhai

16 August 2019

§ 9(2)(a)

EcoFX Ltd
PO Box 248
Otorohanga 3940

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

ATTENTION: § 9(2)(a)

**PERMISSION ID 6018669:
CLINTON/EGLINTON –RAT CONTROL OPERATION**

Permission was granted for the above operation under permission ID 5963468. That permission is revoked immediately.

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 and any other person acting under its authority to apply:

- Sodium fluoroacetate 1.5g/kg Cereal pellet, aerial (0.15% 1080 Pellet)
- Pindone 0.5g/kg cereal pellets, bait stations (Pindone pellets)

on or after 16 August 2019 until 30 May 2020 on the lands listed below and the operation area shown on the **attached maps**:

1. 34,325 ha approximately of Fiordland National Park, a National Park under the National Parks Act 1980
2. 190 ha approximately of Snowdon Forest Conservation Area, a stewardship area under section 25 of the Conservation Act 1987
3. 1,200 ha approximately of Mavora Lakes Conservation Area, a stewardship area under section 25 of the Conservation Act 1987.

Non-toxic prefeed may be applied no earlier than 16 August 2019.

This operation is approved for the purpose of controlling rats in an attempt to reduce pest numbers and allow breeding success for short-tailed bat, long-tailed bat and whio. 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 29/05/2019 and amendments made to the application
- Meets the conditions shown in the attached sheets of DOC Performance Standards for Pesticide Uses Numbers 1, 116 and 140
- Has a readiness check completed to the satisfaction of the Director Operations, Southern South Island prior to any application of non-toxic or toxic bait
- If the operation (non-toxic and toxic) is not completed by 1 October 2019 a variation to the maps will be considered to take into account the new Mintaro Hut that is proposed to be constructed in the 2019/20 summer.

Notwithstanding that the permission holder must comply with these requirements, it is acknowledged that there is a possibility indigenous fauna 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.

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Jacquelyn Shannon, Deputy Director-General Operations (Acting)

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):** (below)

DOC-5976331

DOC-5976328

DOC Performance Standards: (below)

- #1 (DOC-6018664)
- #140 (DOC-6018666)
- #116 (DOC-6018665)

Assessment report:

See DOC-6018667

◆ 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
Clinton/Eglington aerial 2019



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 4kg/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 *16 August 2019* is subject to these performance standards being met.
Compliance monitoring may occur.

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Jacqueline Shannon, Deputy Director General Operations (Acting)

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>Clinton/Eglinton aerial 2019</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 4kg/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 *16 August 2019* is subject to these performance standards being met. Compliance monitoring may occur.

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Jacqueline Shannon, Deputy Director General Operations (Acting)

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

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

Clinton/Eglinton aerial 2019

Caution Period

The estimated caution period for this operation is 6 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.

Compulsory for this operation

6. Do not use where pigs are present/reduce pig numbers prior to operation; or
7. Place bait out of reach of pigs to prevent primary poisoning, and reduce possum numbers (or exclude possums from bait stations) to help reduce the risk of secondary poisoning of pigs.

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.

Compulsory for this operation

Nil

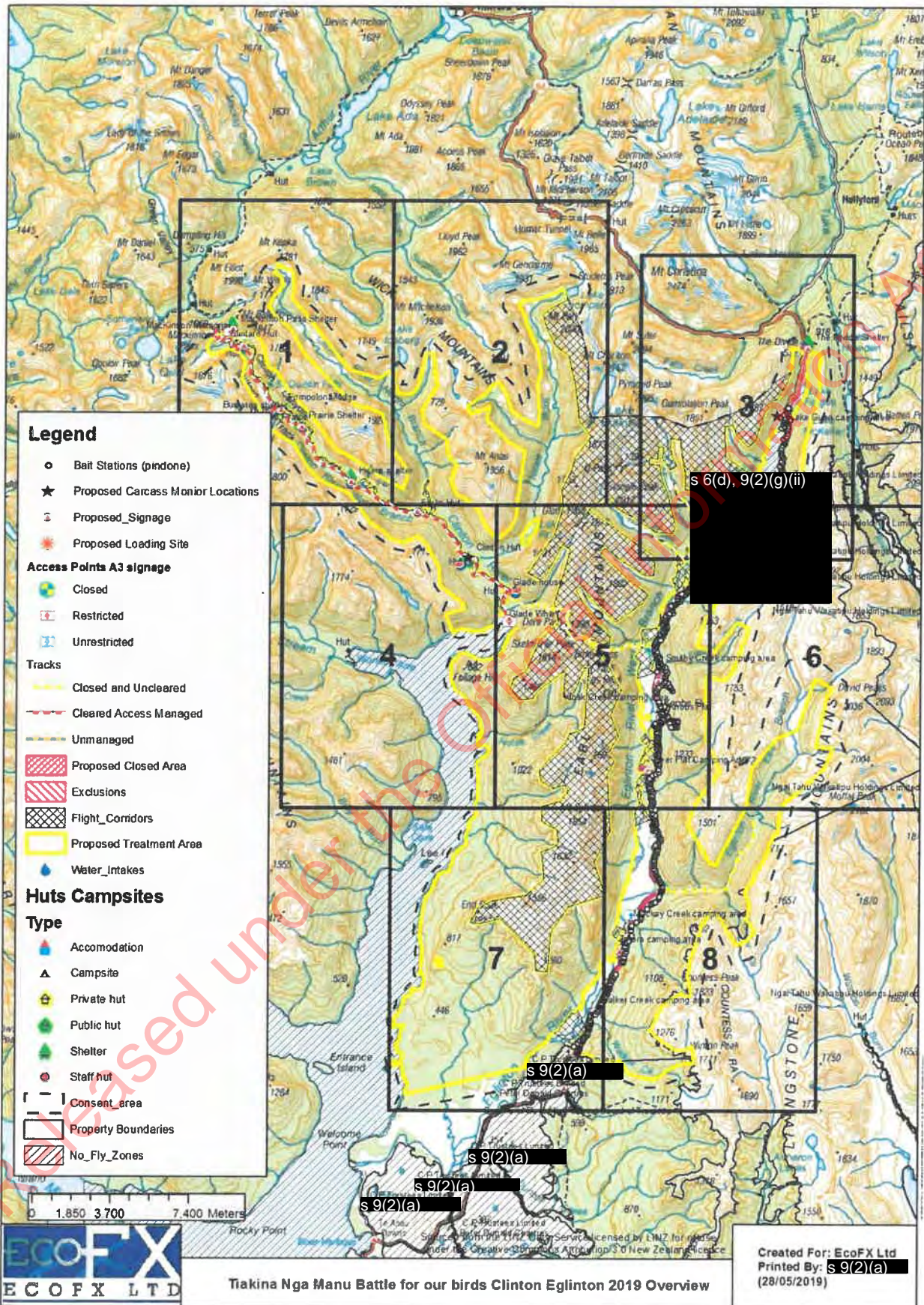
Operational Planning & Design Considerations

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

My approval dated 16 August 2019 is subject to these performance standards being met. Compliance monitoring may occur.

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Jacquelyn Shannon, Deputy Director General Operations (Acting)



Legend

- Bait Stations (pindone)
- ★ Proposed Carcass Monitor Locations
- ⚡ Proposed Signage
- 🔥 Proposed Loading Site
- Access Points A3 signage**
- 🚫 Closed
- 🚧 Restricted
- 🚶 Unrestricted
- Tracks**
- 🚫 Closed and Uncleared
- 🚧 Cleared Access Managed
- 🚶 Unmanaged
- 🚫 Proposed Closed Area
- 🚫 Exclusions
- 🚶 Flight Corridors
- 🟡 Proposed Treatment Area
- 💧 Water Intakes
- Huts Campsites**
- Type**
- 🏠 Accomodation
- ⚡ Campsite
- 🏠 Private hut
- 🏠 Public hut
- 🏠 Shelter
- 🏠 Staff hut
- 🚧 Consent Area
- 🏠 Property Boundaries
- 🚫 No Fly Zones

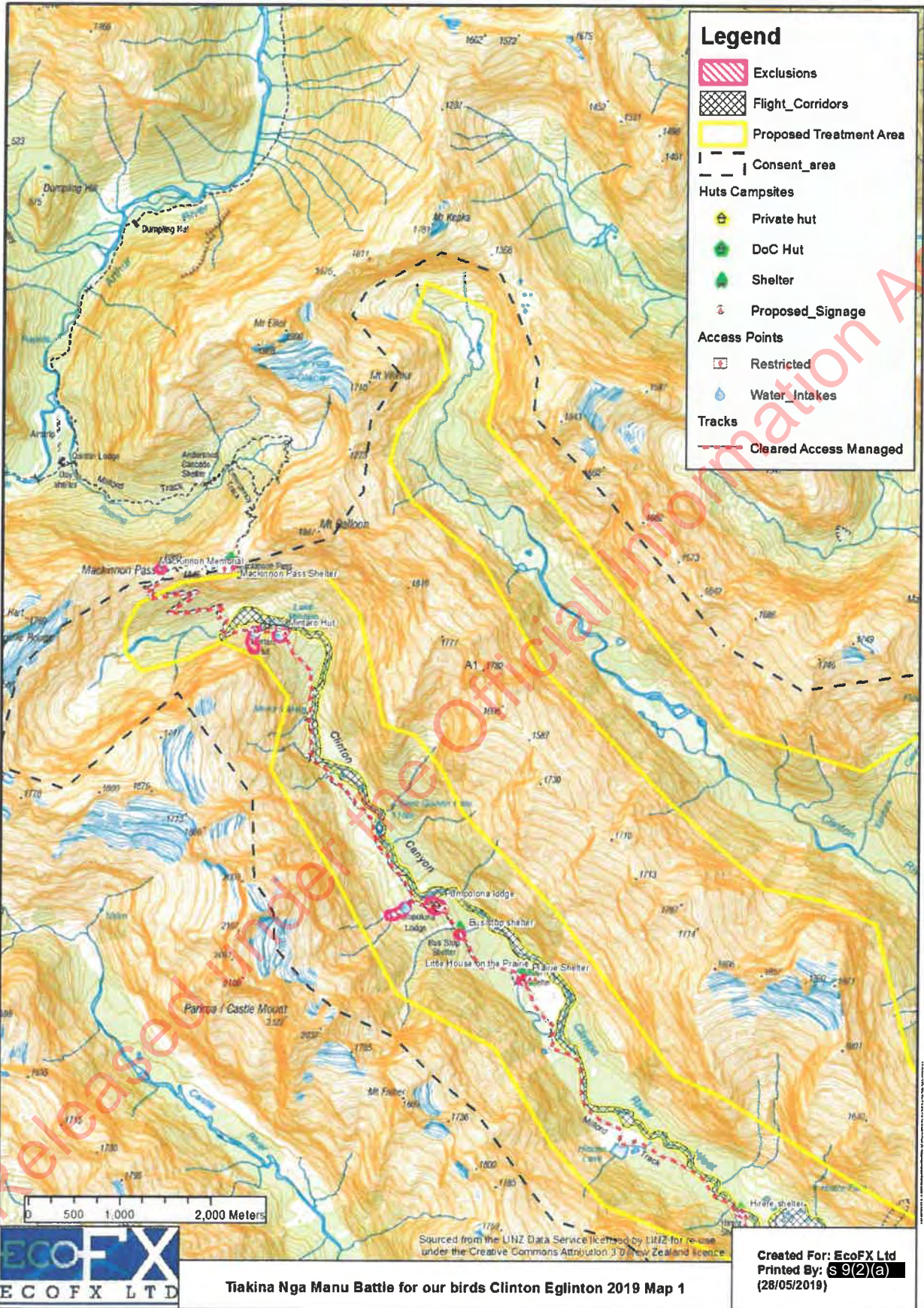
0 1.850 3.700 7.400 Meters



Tiaki Nga Manu Battle for our birds Clinton Eglinton 2019 Overview

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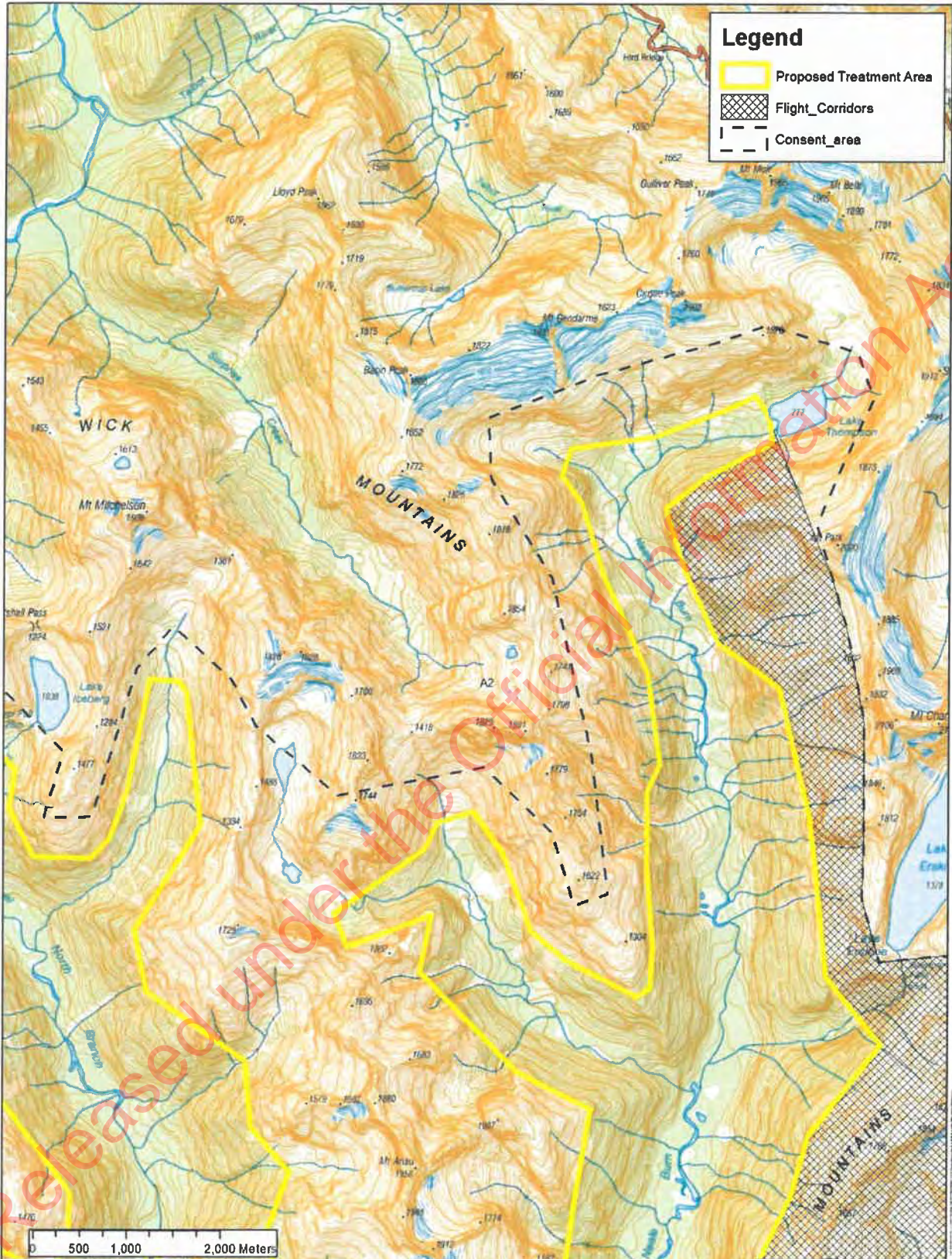
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Tiakiha Nga Manu Battle for our birds Clinton Eglinton 2019 Map 1

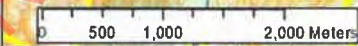
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Legend

- Proposed Treatment Area
- Flight_Corridors
- Consent_area

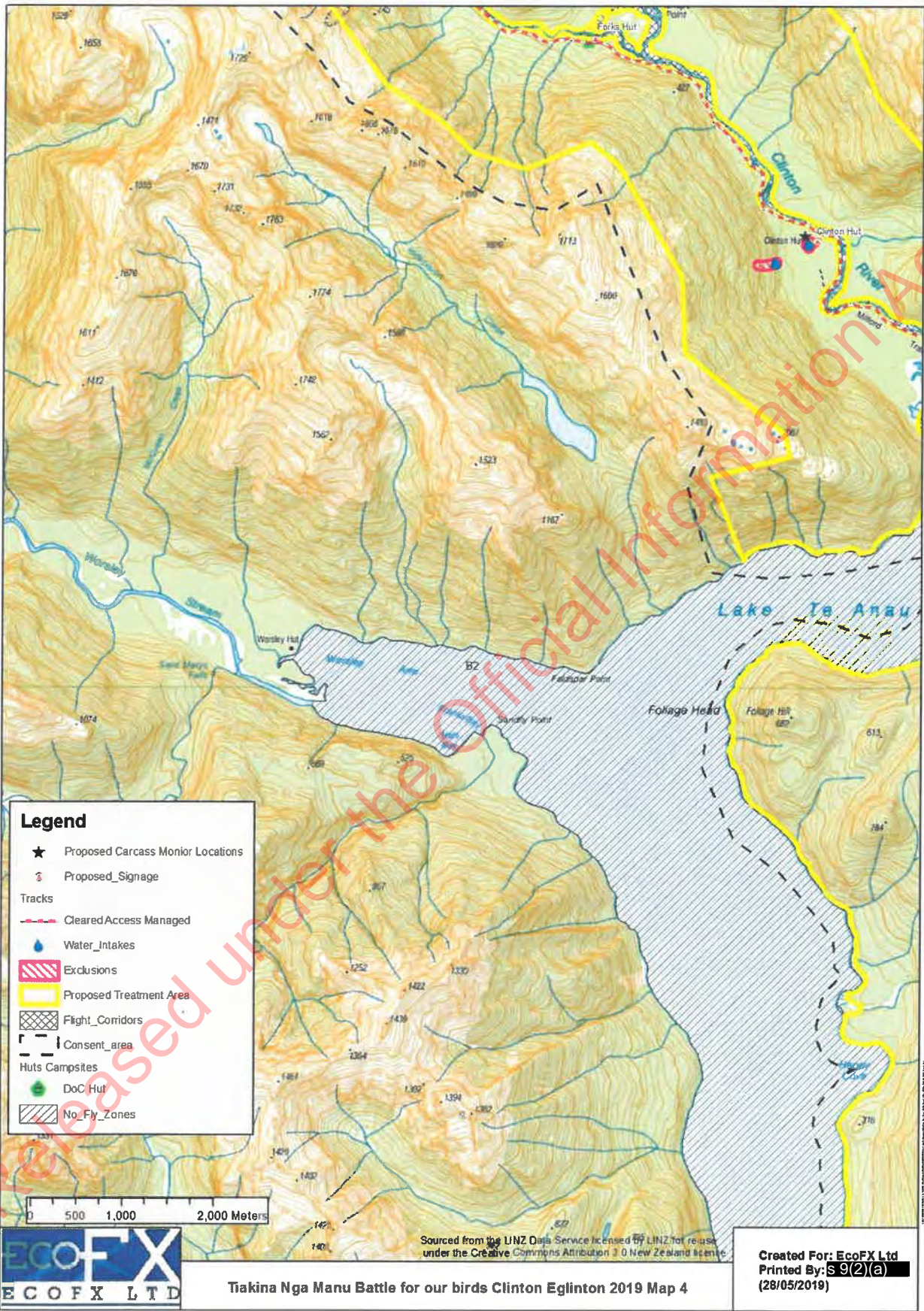


Tiaki Nga Manu Battle for our birds Clinton Eglinton 2019 Map 2

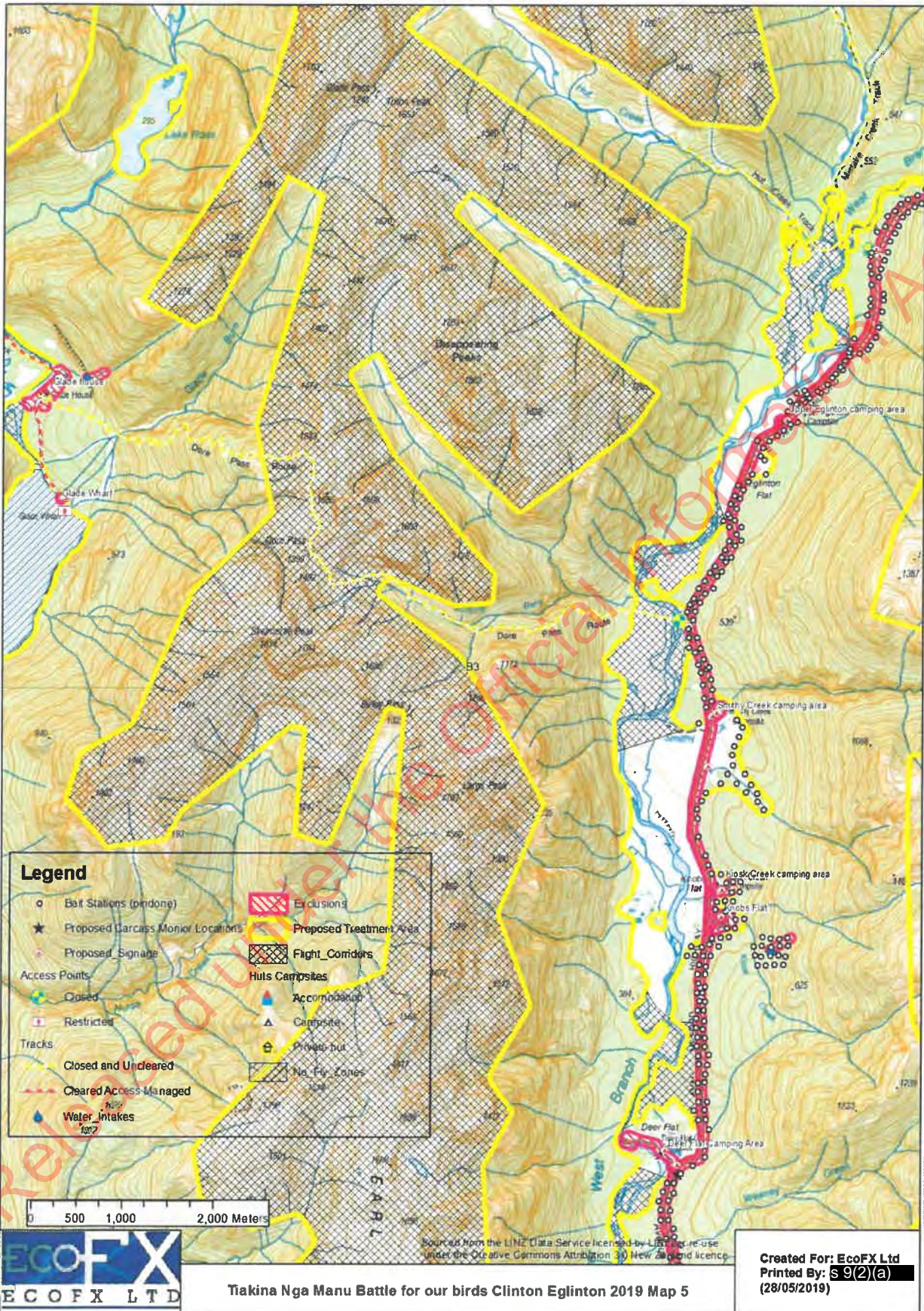
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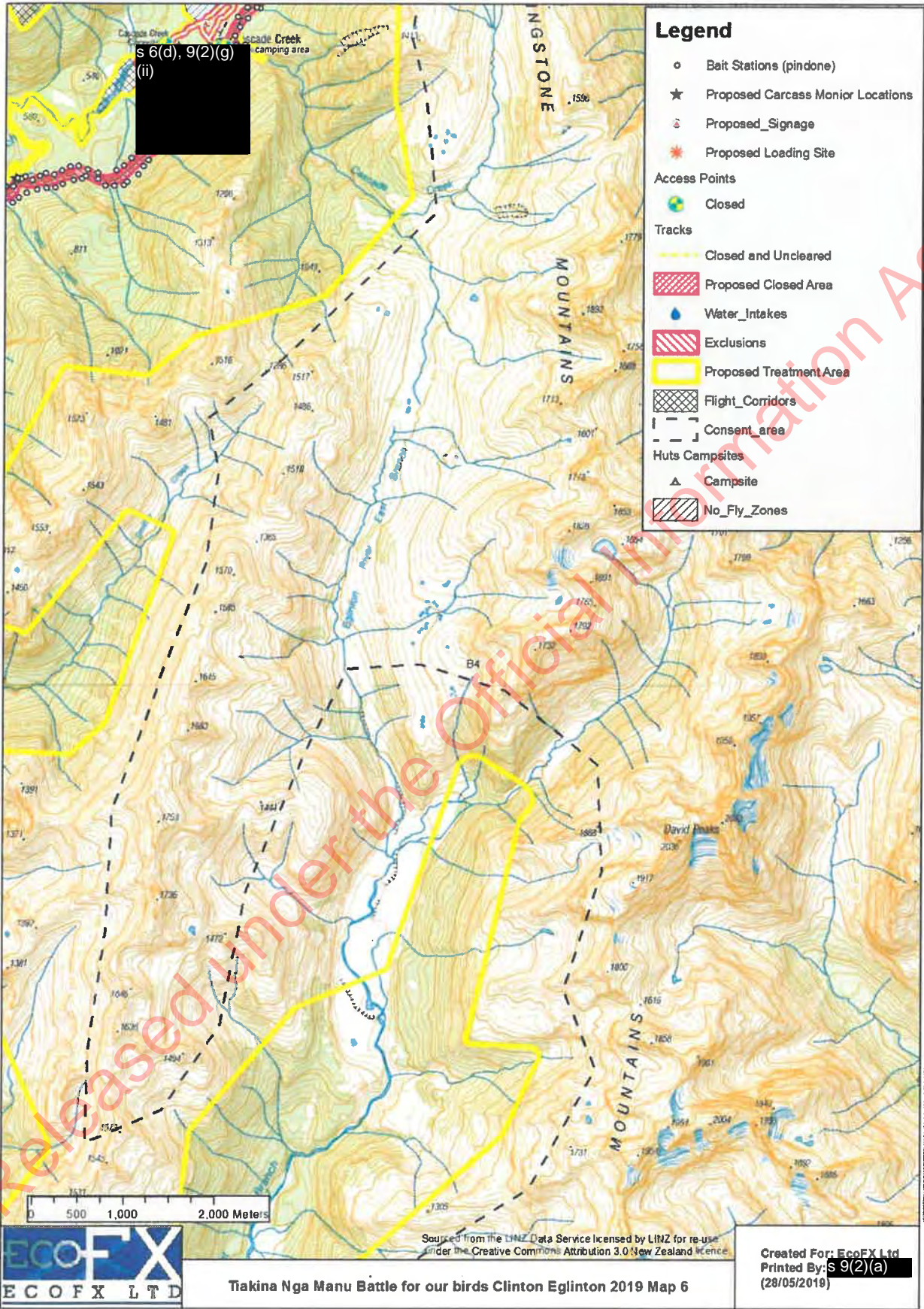
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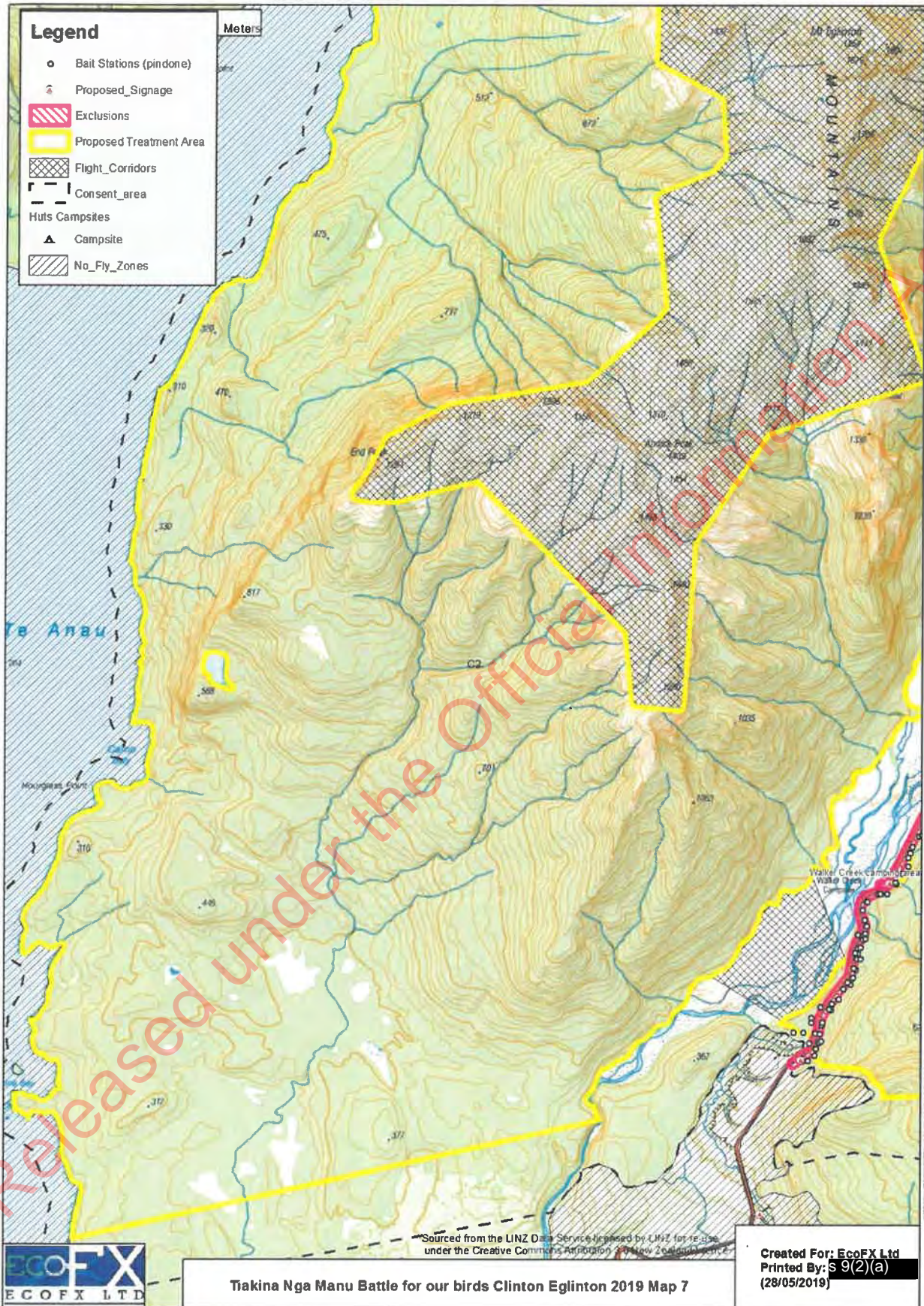
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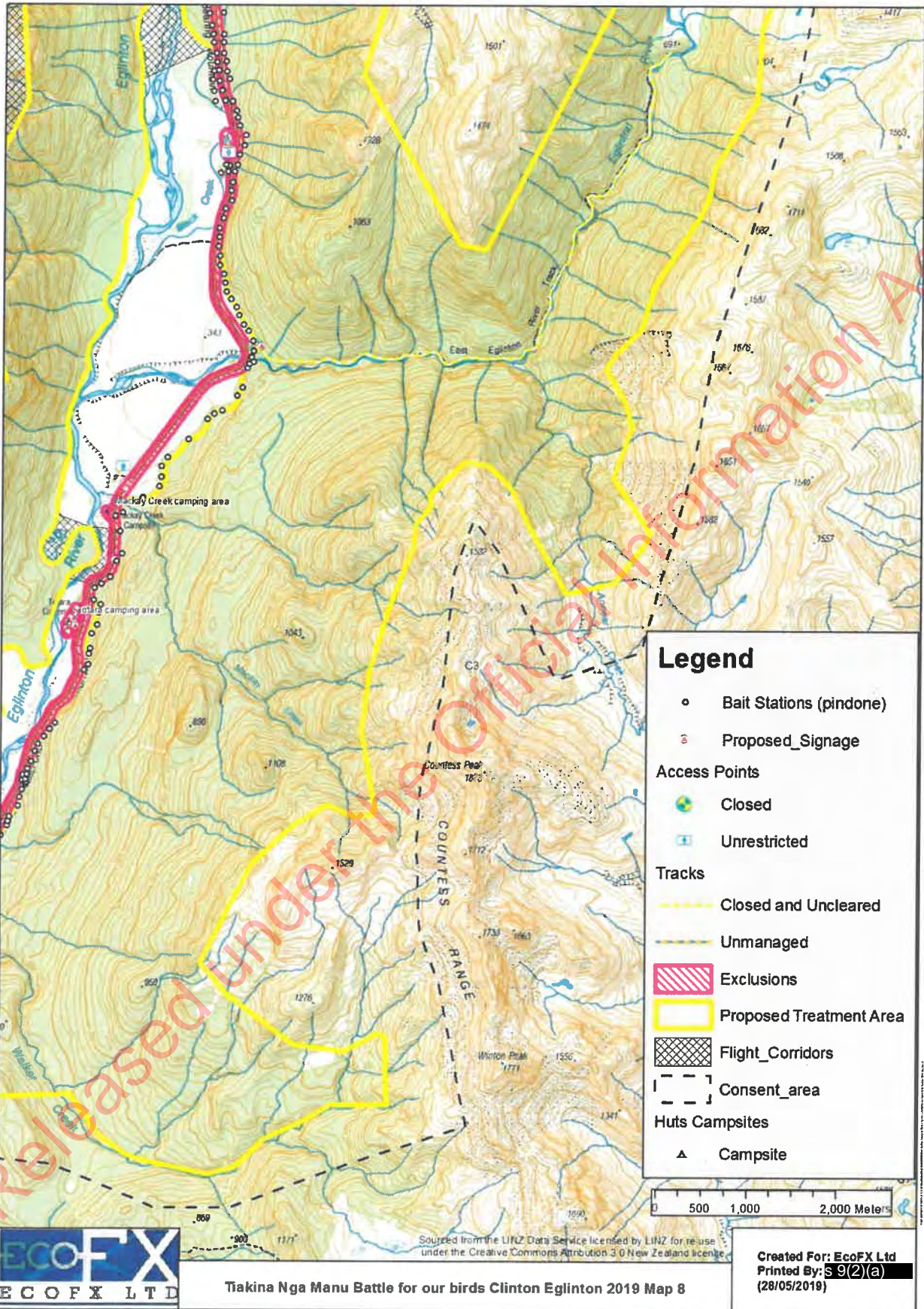
Tiakina Nga Manu Battle for our birds Clinton Eglinton 2019 Map 6



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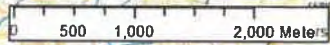


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Legend

- Bait Stations (pindone)
- ⊗ Proposed_Signage
- Access Points**
 - 🚫 Closed
 - 🚶 Unrestricted
- Tracks**
 - 🚧 Closed and Uncleared
 - 🛤️ Unmanaged
- 🚫 Exclusions
- 🟡 Proposed Treatment Area
- 🏠 Flight_Corridors
- ⬜ Consent_area
- Huts Campsites**
 - ⚙️ Campsite

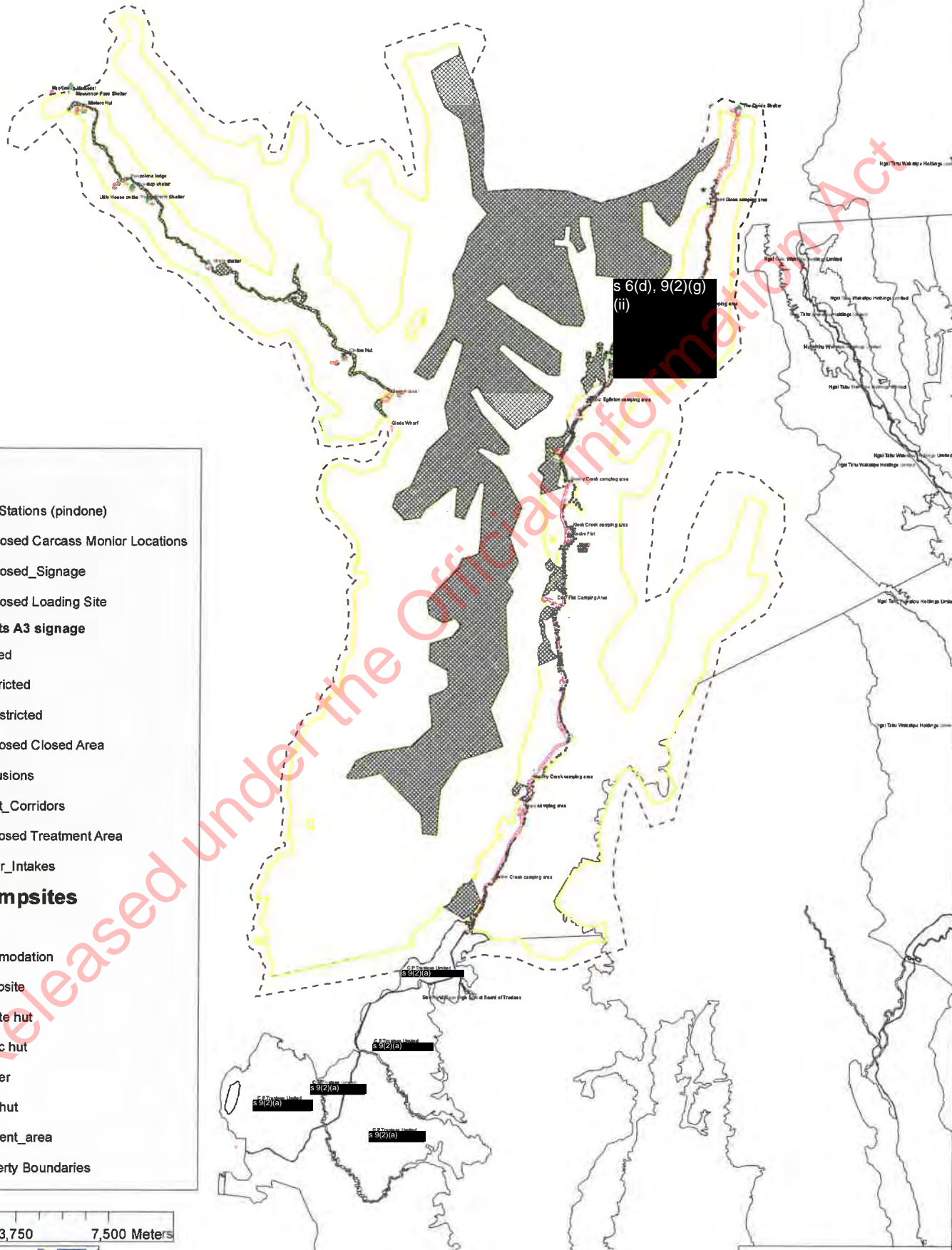


Tiaki Nga Manu Battle for our birds Clinton Eglinton 2019 Map 8

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Legend

- Bait Stations (pindone)
- ★ Proposed Carcass Monitor Locations
- Proposed_Signage
- * Proposed Loading Site

Access Points A3 signage

- Closed
- Restricted
- Unrestricted

Proposed Closed Area

Exclusions

Flight_Corridors

Proposed Treatment Area

Water_Intakes

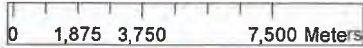
Huts Campsites

Type

- ▲ Accomodation
- ▲ Campsite
- ▲ Private hut
- ▲ Public hut
- ▲ Shelter
- Staff hut

Consent_area

Property Boundaries



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Tiakina Nga Manu Battle for our birds Clinton Eglinton 2019 Overview

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