



Department of Conservation  
*Te Papa Atawhai*

25  
24 July 2019

§ 9(2)(a)

Contract Wild Animal Control Limited  
27B Ramparts Road  
RD1  
TE ANAU 9679

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

ATTENTION: § 9(2)(a)

**PERMISSION ID 5913000**

**ARTHUR, SINBAD and CLEDDAU AREAS– POSSUM, RAT and STOAT 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*
- *Sections 5 and 51A of the National Parks Act 1980*
- *Section 38 Conservation Act 1987*

for Contract Wild Animal Control Limited or any other person acting under its authority to apply

- sodium fluoroacetate 1.5g/kg cereal pellet aerial;
- sodium fluoroacetate 1.5g/kg cereal pellet hand – laid

on or after 1<sup>st</sup> July 2019 until 30 June 2020 on the lands listed below and the operation area shown on the **attached maps**:

1. 11,432 ha – Arthur Treatment Block, part of Fiordland National Park, a National Park under the National Parks Act 1980
2. 5,284 ha – Cleddau Treatment Block, part of Fiordland National Park, a National Park under the National Parks Act 1980
3. 1,207 ha – Sinbad Treatment Block, part of Fiordland National Park, a National Park under the National Parks Act 1980
4. 1.46 ha - Milford Road Stopped, a Stewardship Area under the Conservation Act 1987

Non-toxic prefeed may be applied no earlier than 28<sup>th</sup> of June 2019.

This operation is approved for the purpose of controlling possum, rat and stoats to:

- reduce possum numbers within the treatment area to a residual trap catch index of 3 possums per 100 trap night or less (<3% RTC), immediately following the operation; and
- reduce rat and stoat tracking rate to below 5% within one month after bait application.

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

- Is carried out as described in the Application Form submitted 3<sup>rd</sup> April 2019
- Meets the conditions shown in the attached sheets of DOC Performance Standards for Pesticide Uses Numbers # 1, # 2, #140 and #141
- Complies with the Aerial 1080 in Kea Habitat Code of Practice
- Complies with all conditions as stated in the Public Health Permission
- An email must be sent to s 9(2)(a) at least 24 hours prior to the commencement of the operation giving notification of the date the toxin will be laid

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 authorises 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 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)**

**DOC Performance Standards** #1 [DOC-6011726](#), #2 [DOC-6011473](#), #140 [DOC-6011710](#) and #141 [DOC-6011701](#)

Ref: DOC 5913000

<b>Pesticide Use #1</b>	<b>Sodium fluoroacetate 1.5g/kg Cereal pellet Aerial (0.15% 1080 Pellet)</b>	<b>Target Pests: Possums, Rats</b>
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<b>Location of operation</b>
Arthur, Sinbad and Cleddau Treatment Areas



<b>Caution Period</b>
The estimated caution period for this operation is 10 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.

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**Performance Standards**

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*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.
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

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**Information Needs**

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*Compulsory for all operations*

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**Operational Planning & Design Considerations**

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- 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](#)

<p>My approval dated 25 July 2019 is subject to these performance standards being met. Compliance monitoring may occur. <span style="background-color: black; color: black;">s 9(2)(a)</span></p> <p>Mike Slater Deputy Director-General Operations</p>
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<b>Pesticide Use #2</b>	<b>Sodium fluoroacetate 1.5g/kg Cereal pellet Handlaying (0.15% 1080 pellet)</b>	<b>Target Pests: Possums, Rats</b>
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<b>Location of operation</b>
Arthur, Sinbad and Cleddau Treatment Areas




<b>Caution Period</b>
The estimated caution period for this operation is 10 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.

<b>Performance Standards</b>
<i>Compulsory for <u>all</u> operations</i>
<ol style="list-style-type: none"> <li>For operations targeting rats, prefeed with this pesticide use.</li> <li>For operations targeting possums, baits will have a mean size in excess of 6g and 95% of baits should weigh more than 4g.</li> <li>The baits must be dyed green or blue.</li> <li>The product must only be used as specified on the manufacturer's product label.</li> <li>The DOC Code of practice for aerial 1080 in kea habitat <a href="#">DOC-2612859</a> must be followed.</li> </ol>

<b>Information Needs</b>
<i>Compulsory for <u>all</u> operations</i>
<i>Compulsory for this operation</i>
<ol style="list-style-type: none"> <li>Monitoring: For operations targeting possums, follow best practice for pre and post control result monitoring to estimate percentage kill and report results in operational report.</li> </ol>

<b>Operational Planning &amp; Design Considerations</b>
<ul style="list-style-type: none"> <li>Current Agreed Best Practice – Possum Control – Hand laying 1080 Cereal Pellets <a href="#">docdm-29797</a>.</li> </ul>

<p>My approval dated 25 July 2019 is subject to these performance standards being met. Compliance monitoring may occur.</p> <p>s 9(2)(a)</p>  <p>Mike Slater Deputy Director-General Operations</p>
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<b>Pesticide Use #140</b>	<b>Sodium fluoroacetate 1.5g/kg Cereal pellet Aerial (Pestex)</b>	<b>Target Pests: Possums, Rats</b>
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**Location of operation**

Arthur, Sinbad and Cleddau Treatment Areas



**Caution Period**

The estimated caution period for this operation is 10 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 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 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

Released under the  
Information Act

<b>Pesticide Use #141</b>	<b>Sodium fluoroacetate 1.5g/kg Cereal pellet Hand laying (Pestex)</b>	<b>Target Pests: Possums, Rats</b>
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<b>Location of operation</b>
Arthur, Sinbad and Cleddau Treatment Areas

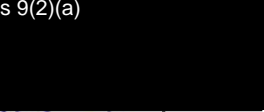


<b>Caution Period</b>
The estimated caution period for this operation is 10 months after last date of bait application and is subject to compulsory bait and carcass monitoring. This estimated caution period cannot be reduced to less than 4 months, and must be extended if the endpoints for monitoring have not been met at the end of the period.

<b>Performance Standards</b>
<i>Compulsory for all operations</i>
<ol style="list-style-type: none"> <li>For operations targeting rats, prefeed with this pesticide use.</li> <li>For operations targeting possums, baits will have a mean size in excess of 6g and 95% of baits should weigh more than 4g.</li> <li>The baits must be dyed green or blue.</li> <li>The product must only be used as specified on the manufacturer's product label.</li> </ol>
<i>Compulsory for this operation</i>
<ol style="list-style-type: none"> <li>The DOC Code of practice for aerial 1080 in kea habitat <a href="#">DOC-2612859</a> must be followed.</li> </ol>

<b>Information Needs</b>
<i>Compulsory for this operation</i>
<ol style="list-style-type: none"> <li><b>Monitoring:</b> For operations targeting possums, follow best practice for pre and post control result monitoring to estimate percentage kill and report results in operational report.</li> </ol>

<b>Operational Planning &amp; Design Considerations</b>
<ul style="list-style-type: none"> <li>Current Agreed Best Practice – Possum Control – Hand laying 1080 Cereal Pellets <a href="#">docdm-29797</a>.</li> </ul>

<p>My approval dated 25 July 2019 is subject to these performance standards being met. Compliance monitoring may occur s 9(2)(a)</p> <p></p> <p>Mike Slater Deputy Director-General Operations</p>
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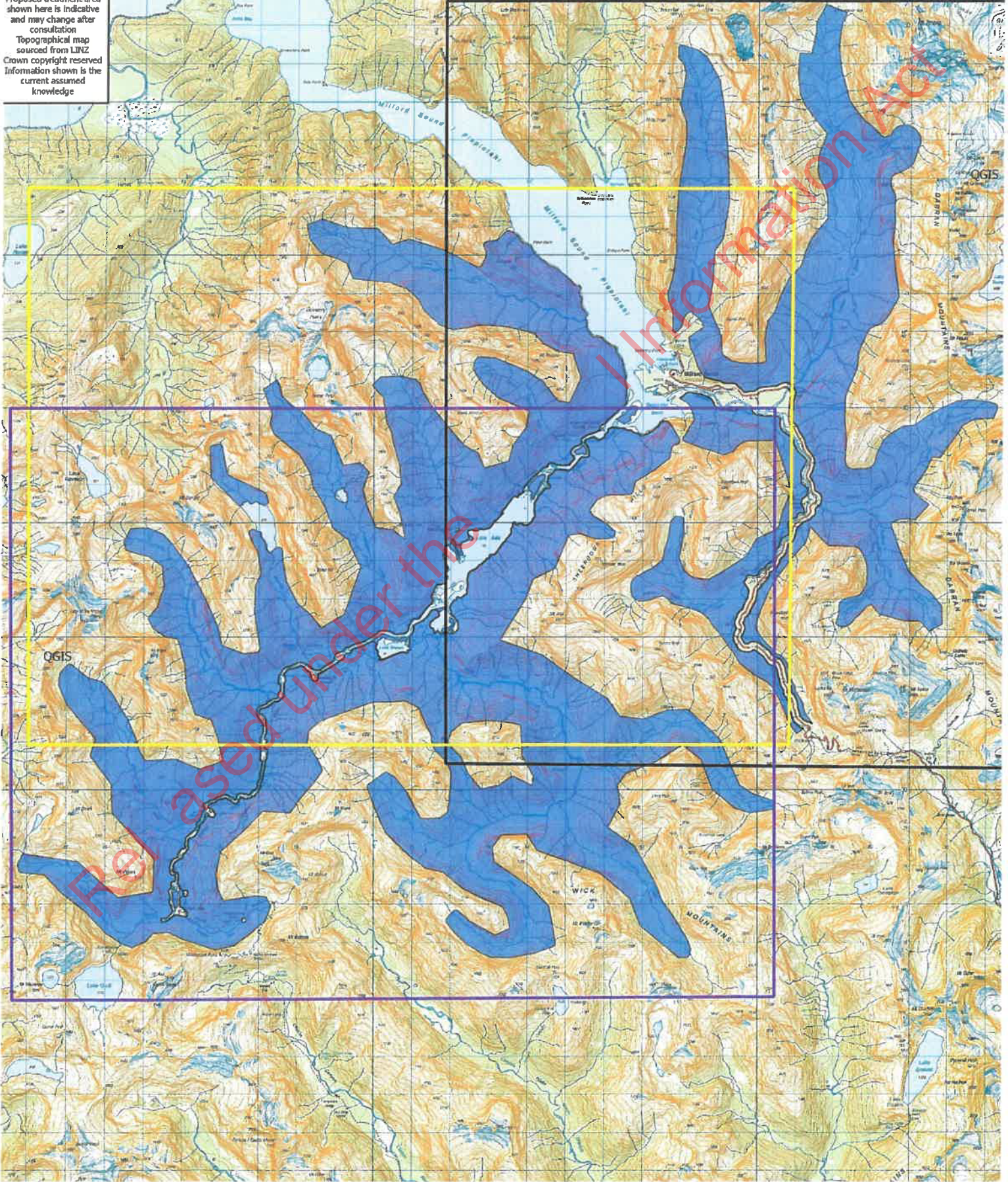
s 9(2)(a)

25/7/19



Proposed treatment area shown here is indicative and may change after consultation  
Topographical map sourced from LINZ  
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Information shown is the current assumed knowledge

- Map one
- Map two
- Map three





- ▲ Toxin Warning Signs
- Information and Map
- ★ s 6(d), 9(2)(g)(ii) LoadingSite
- s 9(2)(a)
- Water intakes
- Tracks
- Flight Corridor
- Proposed PHU Consent Area 31583ha
- Proposed Treatment Area 17923ha
- nz-primary-road-parcels
- nz-primary-hydro-parcels

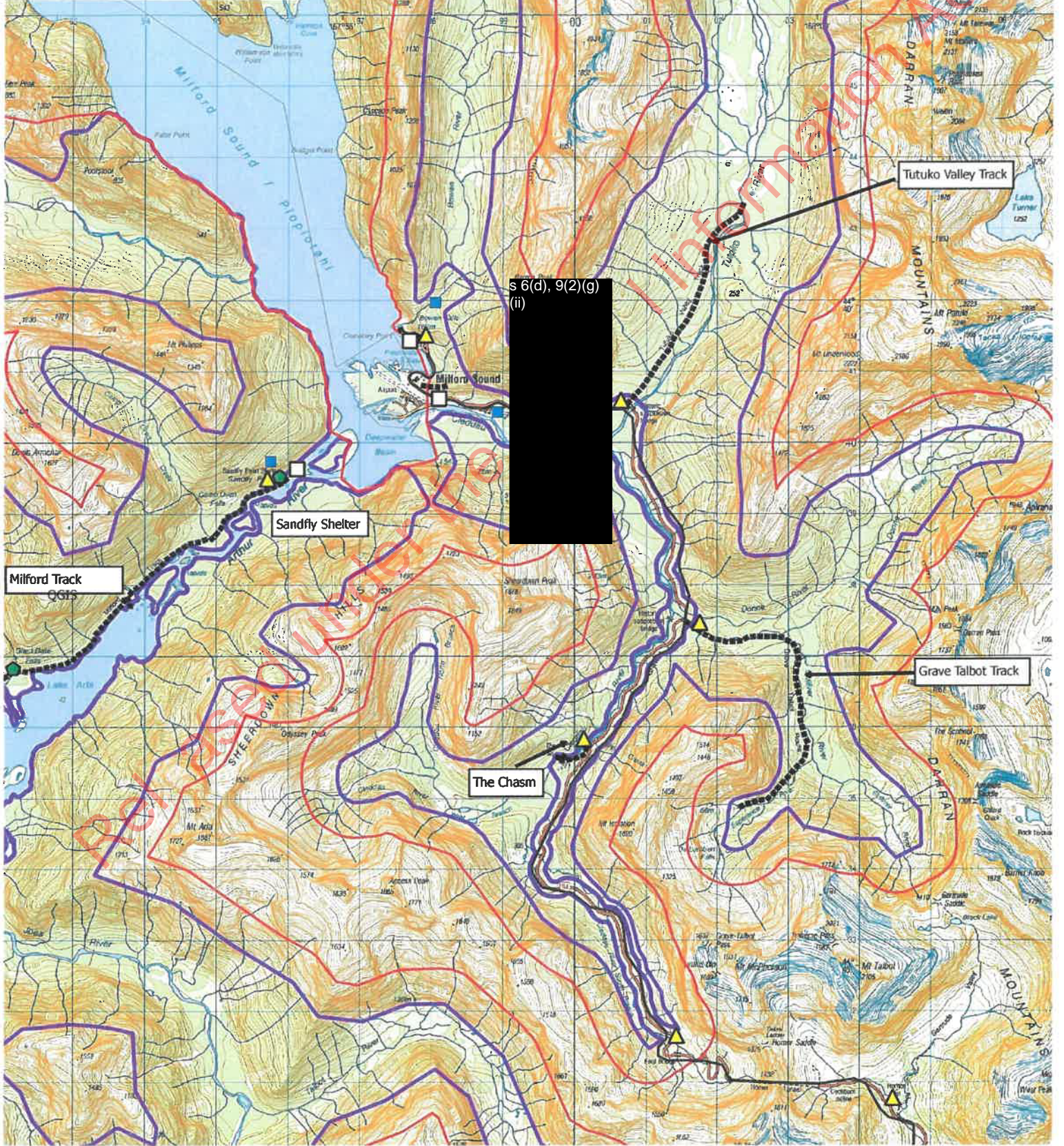
2517/119

**Cleddau/Arthur BFOB 2019**  
**Map One Cleddau**  
**Topo CB09**  
**Map Generated 27/06/19**  
**Scale 1/50000**

**CWAC NZL**

**TIAKINA NGĀ MANU**  
 Protect our birds

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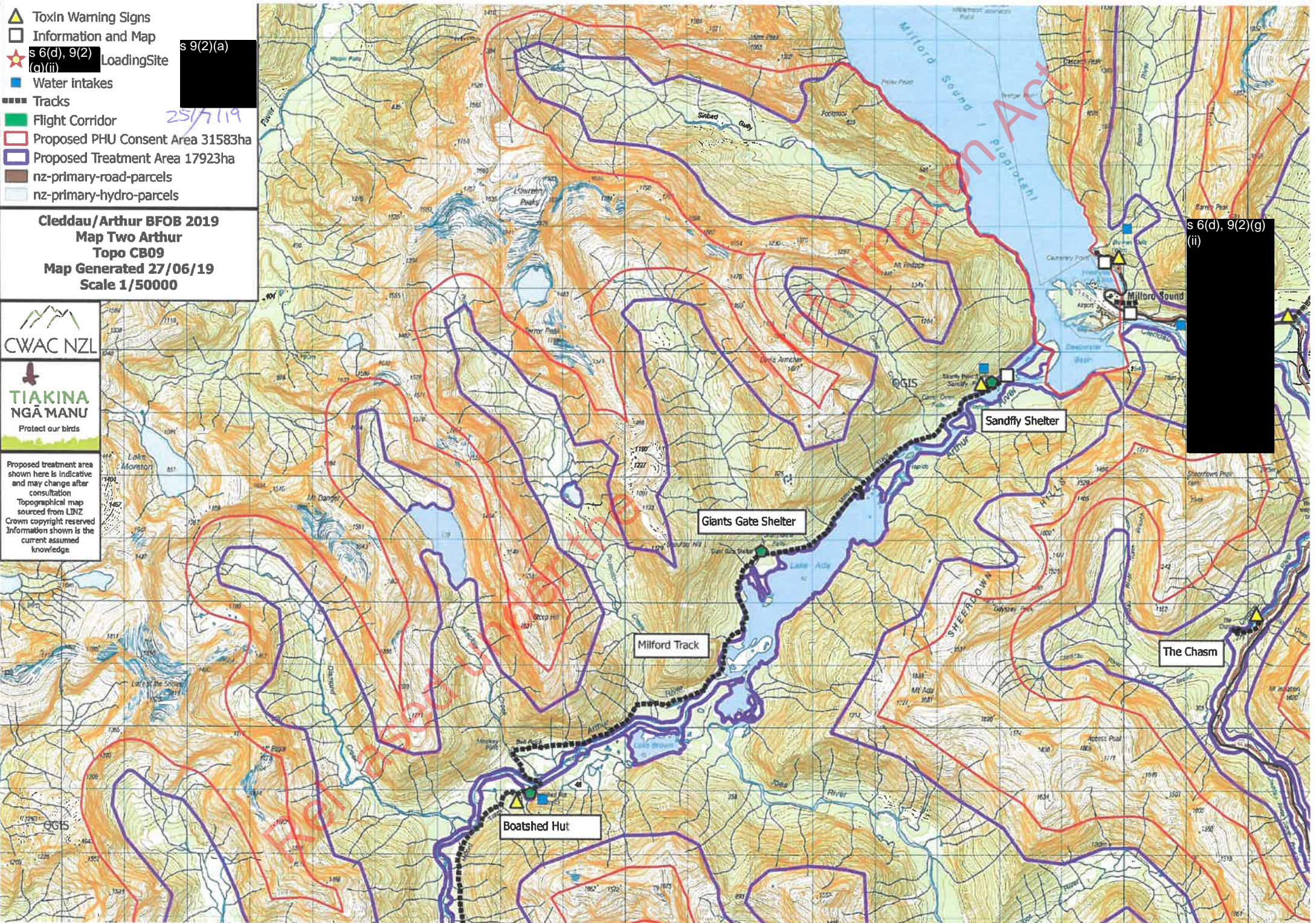
- Toxin Warning Signs
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25/7/19

**Cleddau/Arthur BFOB 2019**  
**Map Two Arthur**  
**Topo CB09**  
**Map Generated 27/06/19**  
**Scale 1/50000**



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

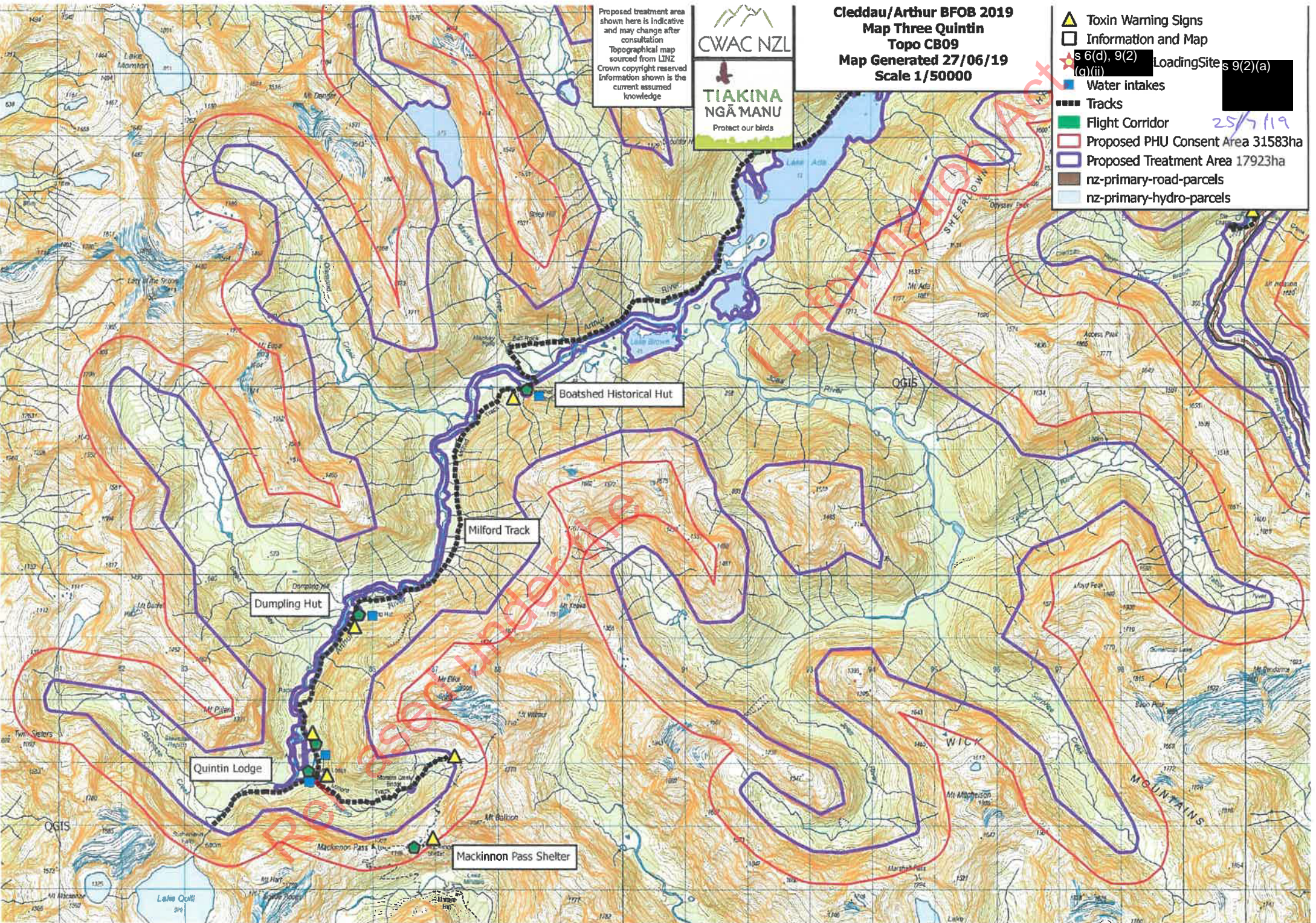
**Cleddau/Arthur BOB 2019**  
**Map Three Quintin**  
**Topo CB09**  
**Map Generated 27/06/19**  
**Scale 1/50000**

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- Toxin Warning Signs
- Information and Map
- S 6(d), 9(2) Loading Sites 9(2)(a) (a)(ii)
- Water intakes
- Tracks
- Flight Corridor
- Proposed PHU Consent Area 31583ha
- Proposed Treatment Area 17923ha
- nz-primary-road-parcels
- nz-primary-hydro-parcels

25/7/19



PROPOSED PHU CONSENT AREA  
 PROPOSED TREATMENT AREA