

# Application for a Permission for the Use of Vertebrate Toxic Agent(s)

## Hazardous Substances and New Organisms Act 1996 (HSNO)

This application is to be used when applying for a Permission to use any vertebrate toxic agent (VTA) approved under the HSNO Act, for which a permission is required under section 95A of the Act.

A Permission is issued by a person acting under powers delegated by the Environmental Risk Management Authority ("the delegated person").

### Attachments

The application form contains a series of attachments requesting information necessary for issuing the permission. Complete all of the attachments. If an attachment is not relevant, return the attachment as part of the completed application form and write "not applicable" across it.

Return this application to the contact person below.

### LOCAL PUBLIC HEALTH CONTACT

Population Health Services  
Waikato District Health Board  
Huge Monckton Trust Building – L4  
Cnr. Rostrevor & Harwood Streets  
Private Bag 3200  
Hamilton 3240

## Guidance for Applicants

### HSNO requirements for VTAs

The requirements specified under the Hazardous Substances and New Organisms (HSNO) Act, its regulations, and Approvals for Vertebrate Toxic Agents (VTAs) granted under the HSNO Act are minimum requirements, which must be met. Where a permission for VTA use is granted by a person acting under a delegation from the Authority, they may impose additional (stricter) conditions to address local circumstances.

The current HSNO Approvals for VTAs can be found by searching the register on the ERMA New Zealand website, at:

<http://www.ermanz.govt.nz/search/registers.html>

### Consultation required prior to aerial application of sodium fluoroacetate (1080)

Consultation is a key risk mitigation tool for aerial 1080 operations. You need to provide sufficient evidence to satisfy the person who is assessing your application for a permission that your consultation has met the requirements of ERMA New Zealand's Communication Guidelines for Aerial 1080 Operations before a permission can be issued.

The Communication Guidelines for Aerial 1080 Operations can be found on the ERMA New Zealand website at:

<http://www.ermanz.govt.nz/hs/1080resources/1080bpg.html>

Note:

- 1) You can provide copies of communication logs as evidence of consultation, rather than repeating this evidence in this application.
- 2) The procedures set out in Department of Conservation's (DoC) 'Consultation and Notification of Pest Operations – Standard Operating Procedures' (SOP), are equivalent to those outlined in the Communication Guidelines for Aerial 1080 Operations (above). If the application is made on behalf of DoC, copies of the records created in accordance with this SOP may be provided to the Public Health Unit as evidence.
- 3) The evidence needs to be sufficient to satisfy the person who is assessing your application that potential risks to public health have been identified and can be avoided, remedied or mitigated.

If you are uncertain about the level of consultation required, or the evidence required of such consultation, discuss this with your local Public Health Unit.

### Food Safety Considerations

The New Zealand Food Safety Authority oversees compliance with requirements<sup>1</sup> to ensure VTA use does not contaminate food sources. Therefore potential pathways for contamination may be identified as part of an application for a permission to use VTAs, and conditions may be imposed on your permission where this is considered necessary to reduce potential risks to public health.

### Other Relevant Legislation

It is the responsibility of the applicant to ensure compliance with all relevant legislation including, but not necessarily limited to, the Health and Safety in Employment Act 1992, Food Act 1981, Animal Products 1999, Agriculture Compounds and Veterinary Medicines Act 1997, Resource Management Act 1991, Land Transport Act 1998, and the Conservation Act 1987.

### Transport Considerations:

VTAs must be transported in accordance with the applicable transport regulations. The following websites provide information about requirements for transport of VTAs:

Road transport: <http://www.nzta.govt.nz/resources/results.html?catid=59>

Air transport: [http://www.caa.govt.nz/Dangerous\\_Goods/DG\\_Booklet.PDF](http://www.caa.govt.nz/Dangerous_Goods/DG_Booklet.PDF)

By Ship: <http://www.maritimenz.govt.nz/Rules/List-of-all-rules/Part24A-maritime-rule.asp>

<sup>1</sup> Such as the requirements of the Agricultural Compounds and Veterinary Medicines Act.

## Application for a Permission to use a Vertebrate Toxic Agent

(Pursuant to section 95A of the Hazardous Substances and New Organisms Act 1996)

**Explanatory Note:** A Permission may be issued to the applicant or to a person holding a controlled substances license. If the permission is granted to a controlled substance licensee, give his/her name and provide a copy of the controlled substance licence. If the operation is "contracted out", the agency conducting the operation must complete this application form, including Attachment E.

Name of applicant: [REDACTED]

Organisation on whose behalf the VTA is to be applied: Department of Conservation

**Applicant contact details** (address, postal address, telephone, cell phone, facsimile, e-mail):

2/20 Joan Gaskill Drive  
Whitianga

Operation Start Date: 4<sup>th</sup> September 2017

Operation Finish Date: 31<sup>st</sup> October 2017

**Note:** A Permission will be issued to the applicant for a maximum period of 12 months. Where an operation extends past 12 months applicants will need to apply for replacement permission.

Operation Name: Moehau Possum and Rat Control Operation 2017

Operation Locality: The Moehau Treatment Area is located at the northern tip of the Coromandel Peninsula. The nearest township is Colville, approximately 7km south of the operational boundary.

Territorial Local Authority:<sup>2</sup> Thames Coromandel District Council

Total operation Size (ha): 4359 ha

**If the applicant has carried out an earlier operation in this area, report:**

Date of Operation: 31/05/2013

Application Identification Code: 13-258-CM-WAPH-doC-li-moEHAU 9Aerial

Vertebrate toxic agent,  
e.g. potassium cyanide

Sodium fluoroacetate  
(1080)

Strength,  
e.g. 800 g/kg

1.5g/kg

Form,  
e.g. pellets

Pellets

Application rate (for  
aerial operations)

2.5 kg/Ha

Target species:  
e.g. possum

Possums, Rats

HSNO Approval Number (e.g. HSR002424<sup>3</sup>): HSR002424

Start Date: 4<sup>th</sup> September 2017

End Date: 31<sup>st</sup> October 2017

<sup>2</sup> District council, city council or unitary authority.

<sup>3</sup> The HSNO approval number for each substance can be found on the approval for that substance.

Specify all methods to be used for the VTA: *If more than one VTA is involved, use the boxes on p.4.*

Treatment area size (ha): 4359 ha

Methods to be used: *(Tick applicable box)*

	Yes	No
Aerial	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Broadcast	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Turf spits	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Traps	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Other control methods <i>(Describe briefly below)</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

	Yes	No
Bait stations	<input type="checkbox"/>	<input checked="" type="checkbox"/>

State heights of bait stations:

Types of bait stations:

Name (print):

██████████

Signature:

██████████

Date:

14<sup>th</sup> August 2017

Application Identification Code: *(Office use only)*

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## ATTACHMENTS – A TO O

Complete the attachments that apply to this application. Tick the “yes/no” boxes below. If an attachment is not relevant, write “not applicable” across it. **Return all attachments.**

Note that different VTAs may require varying levels of detail to be provided with the attachment. Similarly aerial and ground operations will have different information requirements.

Page No.	Attachment Reference A to P	Information attached		Office use only
		Tick applicable box		
<b>General</b>		<b>YES</b>	<b>NO</b>	
5	<b>A</b> Operational Maps	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	<b>B</b> Interested Parties	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	<b>C</b> Community Consultation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8	<b>D</b> Consultation with Maori	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9	<b>E</b> Operation Delivered by Subcontractor	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10	<b>F</b> Transport, Storage and Disposal of VTAs	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>For Aerial 1080 operations: Does the consultation described in attachments C &amp; D meet the requirements of the Communication Guidelines for Aerial 1080 Operations?</b>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Excluded Areas: Mark clearly on map(s)</b>				
11	<b>G</b> Drinking Water Supply Catchments and Intakes (Public and Private Commercial)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13	<b>H</b> Dwellings, Adjacent Landowners/Occupiers	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14	<b>I</b> Areas That Are Easily Accessible	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15	<b>J</b> Tramping Huts and Shelters	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16	<b>K</b> Walking Tracks and Roads	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17	<b>L</b> Areas to be inspected	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Risk Communication</b>				
18	<b>M</b> Schools and Early Childhood Centres	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19	<b>N</b> Notifications	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20	<b>O</b> Warning Notices and Information Boards	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>For Aerial 1080 operations: Does the communication described in attachments M, N &amp; O meet the requirements of the Communication Guidelines for Aerial 1080 Operations?</b>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

### Applicant

Ensure you return all attachments with this application. If an attachment is not relevant, write “not applicable” across it.

## ATTACHMENT A: OPERATIONAL MAPS

The use of the maps is to provide sufficient specific information for this operation.

- Provide a description of the operational area. Include here the name of the area/reserve, and the name(s) of the landowner(s), clearly noting public and private land ownership.
- Operational maps should provide an adequate level of detail. A number of map options are available e.g. topographical (e.g. NZS 260 series or Topo 50 Series), GIS (geographic information systems), aerial photos, etc.
- Include:
  - area ground control 0 ha
  - area aerial control 4359 ha
  - territorial local authority Thames Coromandel District Council
  - direction and distance to nearest town Colville 7 km south east
- If using more than one VTA, show on the map where each VTA will be applied.
- Identify where the helicopter loading zones will be and bait processing sites for carrot 1080 operations. If there is more than one loading zone or processing site, ensure all are clearly identified. This information may also be recorded in Attachment F.
- **Attach 2 copies of operational maps:** More than one map may be needed to include all the information. Use maps of different scales if necessary. A copy of the maps (including any necessary changes) will be returned to you and form part of the permission conditions. The second copy will be kept as a record by the Public Health Unit.
- Identify the following on your map(s) by using a colour code, a number code or similar:

	Refer to attachment
- Drinking Water Catchments and Intakes (Public and Private Commercial Water Supplies)	(G)
- Dwellings, Adjacent Landowners/Occupiers	(H)
- Areas Easily Accessible to Public	(I)
- Tramping Huts and Shelters	(J)
- Walking Tracks and Roads	(K)
- Other Excluded Areas	(L)
- Schools and Early Childhood Centres	(M)
- Warning Notices and Information Boards	(O)

*(Letters in brackets refer to corresponding attachments)*

**Attach: Operational maps (2 copies):**

(For official use)

## ATTACHMENT B: Interested/ Affected Parties

Do people take drinking water from water supplies where the water source originates in the operational area?

Refer to Attachments C, D and G

Consider drinking water in parks, island and camping sites even when there may be no permanent or local population.

Yes

- Department of Conservation campgrounds in Fantail Bay and Stony Bay have water supplies all originating from within the Operational area. The water is taken from the river however before we commencing operations water will be turned off as there is a 2000l and 25000l tank respectively.
- Trapper 1-2 water supplies are within Operational area. Water is collected from the roof and stored in a 250l tank. Before operation commences water will be disconnected, roofs will be checked and cleared of bait and reconnected once operation is finished.
- All other water sources are very low risk, Rainwater collection, bores, or from streams outside the operation catchment.

No  If no, on what is this assessment based?

Do members of the public live within or adjoining the operational boundary? Refer to Attachments H

Yes

- The [REDACTED] family live on and farm the western and northern sides of the Moehau aerial block.
- Moehau Community Commune, Mist Trust, and Waiaro Sanctuary adjoin the Moehau block on the southern boundary.
- [REDACTED] has a farming interest at Taylors Creek and Stony Bay on the eastern side of Moehau.
- Sandy Bay community is situated near the south-eastern corner of the control area.
- A number of people are adjoining to the operational area and have all been contacted regarding the aerial 1080 operation in Moehau. Refer to the communication plan.

No  If no, on what is this assessment based?

Do the public have access to the area? Refer Attachments C, D, I, J, K, L and O

Think about areas reached by walking tracks, roads and boating access, which can be used by the public.

Yes

- Stony Bay Road travels approximately 6km through the operational area.
- A walking track for fisherman leaves the Stony Bay Road at two points and leads down to the eastern coastline.
- Coromandel Coastal Walkway and a mountain bike track links Fletchers Bay with Stony Bay.
- Fantail Bay has a short walk into the operational area.
- The Moehau Track linking Te Hope on the western range with Stony Bay on the eastern has been closed to the public for many years. Signs have been in place stipulating this since its closure.

No  If no, on what is this assessment based?

Are there any schools or early childhood centres within or near the operational boundary? **Refer to Attachment M**

Yes

No  The nearest school and early childhood facility is in Colville which is 7km away.

Is the operational area used for outdoor pursuits, groups/clubs such as hunters, campers, trampers, mountain bikers, scouts, schools etc? **Refer to Attachments C, D, I, J, K, N and O**

Yes

Refer Attachments I-K

No  If no, on what is this assessment based?

Is the operational area close to a village, town, other residential area, educational centre, marae or camping ground? **Refer to Attachments C and D**

If yes, describe.

Yes  No

Four Department of Conservation campgrounds surround the mountain; small settlements are present at the southern end of the mountain at Sandy Bay and Port Charles. Colville township is 7km from the operational area. Consultation record attached.

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## ATTACHMENT C: COMMUNITY CONSULTATION

Do you expect any public concern about this operation?

Yes

No

If yes, describe the nature of the concern:

- Risk to farm and domestic dogs with poisoned carcasses washing down streams after rain events.
- Concerns about carcasses contaminating rivers.
- Inability to hunt and recover pigs for the quarantine period of the area.
- Toxic bait spread outside of the operational area onto farmland.
- Cows entering the operational area through unfenced boundaries and consuming toxic pellets.
- The inhumanness of the bait.

What is the source of your information?

Consultation with adjoining landowners, residents, pig hunters, and iwi. Also, information obtained from information and correspondence received from OIA and Ministerial with anti 1080 protesters.

If no, on what is this assessment based?

N/A

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**Consultation with community groups**

What community groups did you consult with in relation to this application?

There are several groups carrying out conservation projects around Moehau and in the wider Coromandel area. Our correspondence with these individuals and groups has been recorded in the consultation plan for this operation.

Name the individuals/groups consulted:

- Moehau Environment Group, [REDACTED]
- Peninsula Pig Hunting Club, [REDACTED]
- Whitianga Pig Hunting Club, [REDACTED]
- Coromandel Pig Hunting Club, [REDACTED]

All groups consulted with have been recorded in the consultation plan. Refer to the attached communication record.

Detail what, if any, concerns these individuals/groups identified:

- Moehau Environment Group – Were very supportive and they will carry out further possum and rat control on private land to the south east where it borders with our operational area.
- Peninsula Pig Hunting Club – Opposed to aerial 1080, due to wild pig harvest from the area, toxins in the animals and dogs eat poisoned possum carcasses. They believe 1080 has no benefits and kills more than it saves and are concerned about it getting into the food chain and the effects on humans
- Whitianga Pig Hunting Club – Opposed to aerial 1080, due to wild pig harvest from the area, toxins in the animals and dogs eat poisoned possum carcasses. They believe 1080 has no benefits and kills more than it saves and are concerned about it getting into the food chain and the effects on humans
- Coromandel Pig Hunting Club – Opposed to aerial 1080, due to wild pig harvest from the area, toxins in the animals and dogs eat poisoned possum carcasses. They believe 1080 has no benefits and kills more than it saves and are concerned about it getting into the food chain and the effects on humans

How are you planning to avoid, mitigate or remedy any adverse effects identified by these individuals/groups?

- Peninsula Pig Hunting Club: Nothing – their objectives are not compatible with the objectives of the Department
- Whitianga Pig Hunting Club: Nothing – their objectives are not compatible with the objectives of the Department
- Coromandel Pig Hunting Club: - We've open the Stony Bay block for hunting for 6 months leading up to the operation

Attach any evidence of the consultation (correspondence, minutes of meetings, record of phone calls, etc):

Refer to the Communication plan

*If you have not consulted any community groups about this application, ask the resource consent planner at your local council to help identify the appropriate groups to contact.*

**Community consultation - Aerial 1080 Operations**

**You must provide sufficient evidence to demonstrate that consultation prior to aerial 1080 operations has met the requirements of ERMA NZ's Communication guidelines for aerial 1080 operations. You can provide copies of communication logs as evidence, rather than repeating this evidence here.**

Have you provided evidence to demonstrate compliance with the requirements of ERMA NZ's Communication Guidelines for Aerial 1080 Operations? Yes  No

Refer to Communication plan

## ATTACHMENT D: CONSULTATION WITH MAORI

*When consulting with Maori, you need to take into account Section 6(d) of the HSNO Act: "The relationship of Maori and their culture and traditions with their ancestral lands, water, sites, waahi tapu, valued flora and fauna, and other taonga".*

What Maori groups (iwi/hapu/whanau) did you consult with in relation to this application?

- Ngati-Maru
- Ngati- Tamatera
- Ngati-Whanaunga
- Ngati-Hei
- Ngati-Huarere
- Rongo-U
- Moehau Nga Tangata Whenua Trust
- Ngati Hako
- Hauraki Collective
- Te Arawa Trust Board
- Ngati Pukenga ki Tauranga

List the marae provided information about this proposed operation:

- Ngati Whanaunga and Ngati-Maru (ki Manaia) representatives consulted with are from: Manaia Marae (Te Kau o Rehua)
- Ngati Tamatera representatives consulted with are from: Paeroa Marae (Pai o Hauraki)
- Ngati Maru (ki Hauraki) representative consulted with is from Thames Marae (Matai Whetu)

Name the individuals and groups consulted:

Names of people consulted are in the communication record. A list of these people is also included below:

- Ngati-Tamatera: [REDACTED]
- Ngati-Maru: [REDACTED]
- Ngati-Whanaunga: [REDACTED]
- Ngati-Hei: [REDACTED]
- Ngati-Huarere: [REDACTED]
- Rongo-U and Moehau Nga Tangata Whenua Trust: [REDACTED]
- Te Mihi O Moehau Reservation: [REDACTED]
- Te Arawa Trust board
- Ngati Pukenga ki Tauranga - [REDACTED]
- Hauraki collective: [REDACTED]

Identify what, if any, concerns these individuals and groups identified:

- Ngati Huarere believe 1080 kills more native species than it saves and have asked does Moehau really need the aerial drop, could it be trapped instead.
- Ngaati Whanaunga oppose 1080 in principle but under stands the Department role in pest control.
- Ngati Tamatera oppose 1080 in principle but under stands the Department role in pest control, they would like to see their iwi members provided work with ground control etc

How are you planning to avoid, mitigate or remedy any adverse effects identified by these individuals/groups?

- Attending meetings with Iwi to continue consultation regarding general conservation efforts on Moehau.
- Presentations about the past/present and future pest control on Moehau.
- Present pre-operational monitoring results for rat and possum.

Attach evidence of the consultation (correspondence, minutes of meetings, record of phone calls, etc):

Refer to communication plan attached

*If you have not consulted the Maori community about this application, ask the resource consent planner at your local council to help identify the appropriate groups to contact.*

**Maori consultation - Aerial 1080 Operations**

**You must provide sufficient evidence to demonstrate that consultation prior to aerial 1080 operations has met the requirements of ERMA NZ's Communication guidelines for aerial 1080 operations.**

*You can provide copies of communication logs as evidence, rather than repeating this evidence here.*

Have you provided evidence to demonstrate compliance with the requirements of ERMA NZ's Communication Guidelines for Aerial 1080 Operations?

Yes

No

Refer to the Communication plan

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## ATTACHMENT E: OPERATION DELIVERED BY SUBCONTRACTOR

Name of subcontractor: To be advised	Controlled Substance Licence Number:  Date of Expiry:								
List the work experience the subcontractor has with the VTAs to be used: To be advised									
Contact details of the subcontractor (address, postal address, telephone, cell phone, facsimile, e-mail): To be advised									
Name of principal agency: Department of Conservation  <div style="text-align: center; margin: 10px 0;"> </div> Signature: _____									
<p><b>Chain of responsibility – Complete as applicable to this operation.</b></p> <p>It is now common practice for pesticide operations to be subcontracted to other agencies. All agencies involved have responsibilities to ensure the safe use of VTAs. Any subcontracting arrangements must be documented.</p> <p><b>Example</b></p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> <u>Agency / Authority</u>                      Principal Agency (AHB, DoC)                      Contractor (Local Authority)                      Subcontractor (Name of approved operator)                 </td> <td style="width: 50%; vertical-align: top;"> <u>Area of Responsibility</u>                      e.g. Control of Bovine TB. Conservation etc                      e.g. Contracted by AHB Possum Control                      e.g. Field operations                 </td> </tr> <tr> <td style="text-align: center; vertical-align: top;"> <u>Agency / Authority</u>                      Principal Agency: Department of Conservation                 </td> <td style="text-align: center; vertical-align: top;"> <u>Area of Responsibility</u>                      Management of public conservation lands                 </td> </tr> <tr> <td style="vertical-align: top;">                     Contractor: To be advised                 </td> <td style="vertical-align: top;">                     Contracted to deliver bait to site                 </td> </tr> <tr> <td style="vertical-align: top;">                     Subcontractor: To be advised                 </td> <td style="vertical-align: top;">                     Provide helicopter services                 </td> </tr> </table>		<u>Agency / Authority</u> Principal Agency (AHB, DoC) Contractor (Local Authority) Subcontractor (Name of approved operator)	<u>Area of Responsibility</u> e.g. Control of Bovine TB. Conservation etc e.g. Contracted by AHB Possum Control e.g. Field operations	<u>Agency / Authority</u> Principal Agency: Department of Conservation	<u>Area of Responsibility</u> Management of public conservation lands	Contractor: To be advised	Contracted to deliver bait to site	Subcontractor: To be advised	Provide helicopter services
<u>Agency / Authority</u> Principal Agency (AHB, DoC) Contractor (Local Authority) Subcontractor (Name of approved operator)	<u>Area of Responsibility</u> e.g. Control of Bovine TB. Conservation etc e.g. Contracted by AHB Possum Control e.g. Field operations								
<u>Agency / Authority</u> Principal Agency: Department of Conservation	<u>Area of Responsibility</u> Management of public conservation lands								
Contractor: To be advised	Contracted to deliver bait to site								
Subcontractor: To be advised	Provide helicopter services								
Attach: Documentation showing subcontracting arrangements									
<input type="checkbox"/> (For official use)									

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**ATTACHMENT F: TRANSPORT, STORAGE and DISPOSAL OF VTAs**

Give the name and address of VTA suppliers:

1. Sodium fluoroacetate (1080) pellets

Name: Animal Control Products (ACP) Ltd trading as Orillion

Address: 408 Heads Rd Whanganui 4540

Estimate the quantity of VTAs required for the operation for which this permission is sought:

Sodium fluoroacetate (1080) pellets: 9296kg

Where will the VTAs be stored prior to the operation:

DOC Thames workshop

Address: Kauaeranga Valley Road, Thames 3577

Describe storage security (*locked secure compound, electronic surveillance etc*):

Animal Control Products (ACP) Ltd: Secure compound, electronic surveillance

Thames Workshop: Secure compound, with security alarm

How will the VTAs be transported to the operation site (land, sea or air):

Sodium fluoroacetate (1080) pellets will be transported from the storage facility at Animal Control Products (ACP) Ltd by a [REDACTED] to the Thames workshop. It will then be transported to the operational site by trucks owned and operated by the aerial Contractor and/or their subcontractor.

**Note that you must comply with the requirements of the Land Transport Rule: Dangerous Goods 2005 and any air/sea regulatory requirements that apply.**

Where and how will any unused VTAs be stored or disposed of:

Any unused VTA's will be retained by the Department of Conservation and will be returned to the Whitianga Work Shop for use in other operations. Transport will be by return trip on the truck used to bring the VTA's to the site

Where and how will empty containers be disposed of:

Empty containers will be returned to the Whitianga Work Shop. Any containers that have held VTA's that are brought to the site will be taken to a consented facility to be burned afterwards.  
ChemWaste: 19-21 Miami Parade Onehunga Auckland

Record any resource consents held for the disposal of toxic waste from the operation:

Not applicable

Attach: Copy of Resource Consent for disposal (if this applies)

(For official use)

## ATTACHMENT G: DRINKING WATER SUPPLIES (Public and Private Water Supplies)

The intent of this section is to minimise the risk of people drinking water contaminated with VTAs.

A **drinking water supply** is an area from which water is likely to be taken for use as drinking water for human consumption. This includes surface water and ground water extraction points as well as water supply reservoirs, treatment plants and storage facilities. There may be public and private commercial water supplies such as camping grounds, hotels and back packers to identify, as well as domestic supplies to individual properties.

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### Locations of intakes of drinking water for VTA operations

List drinking water supplies within 3 kilometres of the boundary of operational area for aerial applications of 1080.

Provide topographical NZMS Grid below. References for water supply intakes you have marked on your attached operational map (Attachment A). All locations shall be obtained using at least a GPS unit set up for use in New Zealand and using the following Map Datum: New Zealand Geodetic Datum 1949, or NZTM 2000. All GPS locations recorded in the field shall be plotted out on the correct topographical series map prior to submission, and plotted points assessed against field knowledge gained from site visits to ensure correctness.

**Intake 1: SBC-WATER**

Name of Supply: Stony Bay Department of Conservation Campground  
Grid Ref. of intake: E18166933 N5956365  
Type of Supply: Campground Water supply

**Intake 2: FLBC-WATER**

Name of Supply: Fletchers Bay Department of Conservation Campground  
Grid Ref. of intake: E18142198 N5960263  
Type of Supply: Campground Water supply

**Intake 3: PJC-WATER**

Name of Supply: Port Jackson Department of Conservation Campground  
Grid Ref. of intake: E1809815 N5955569  
Type of Supply: Campground Water supply

**Intake 4:** [REDACTED]

Name of Supply: [REDACTED]  
Grid Ref. of Intake: [REDACTED]  
Type of Supply: Home water supply

**Intake 5: FABC-WATER**

Name of Supply: Fantail Bay Department of Conservation Campground  
Grid Ref. of intake: E1808701 N5955569  
Type of Supply: Campground Water supply

[REDACTED]  
Type of Supply: Home water supply

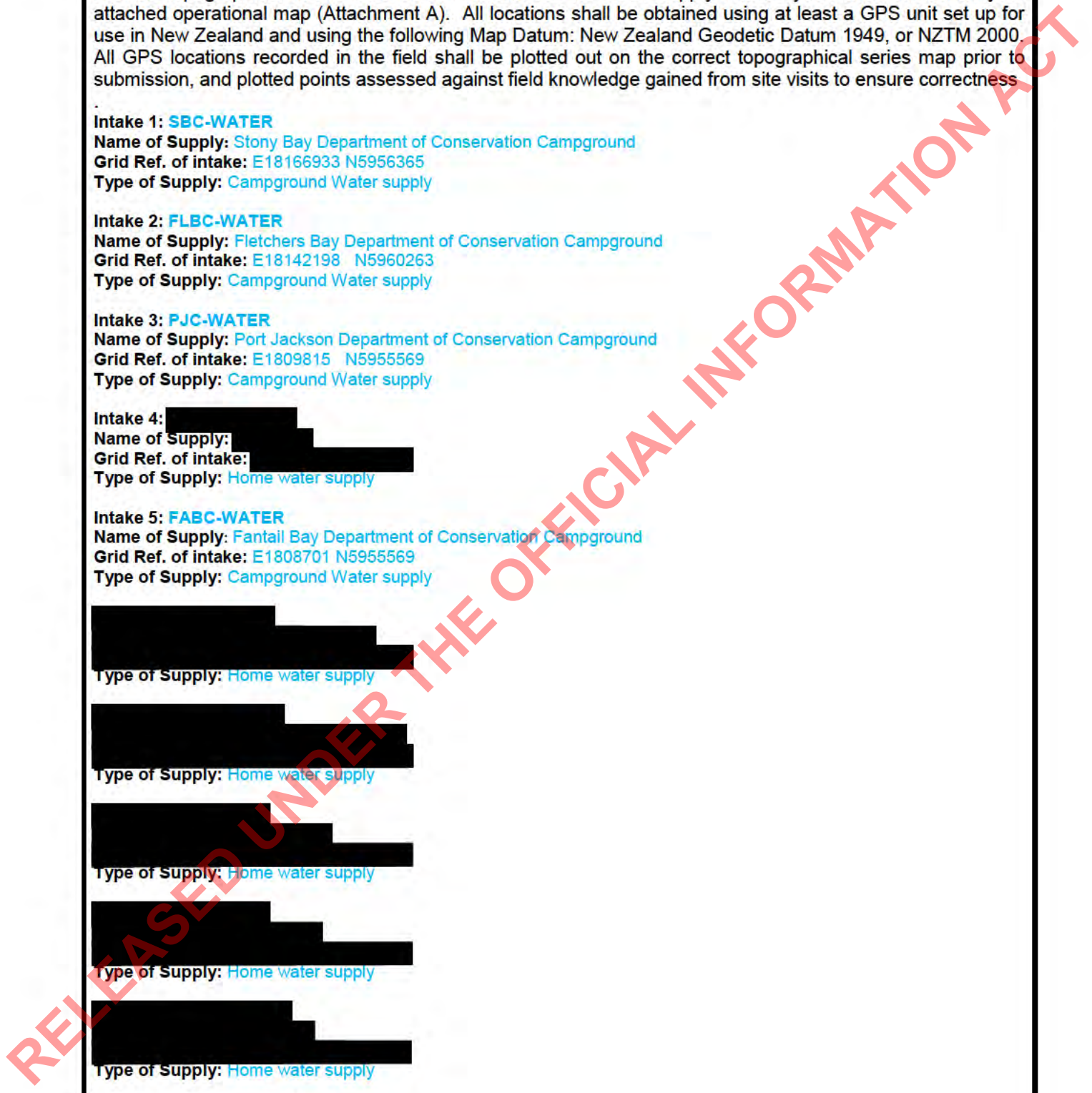
[REDACTED]  
Type of Supply: Home water supply

[REDACTED]  
Type of Supply: Home water supply

[REDACTED]  
Type of Supply: Home water supply

[REDACTED]  
Type of Supply: Home water supply

[REDACTED]  
Type of Supply: Home water supply





[REDACTED]  
Type of Supply: Home water supply

[REDACTED]  
Type of Supply: Home water supply

[REDACTED]  
Type of Supply: Home water supply

**Intake 15: TEHOPE-HUT**

Name of Supply: Te Hope Hut  
Grid Ref. of intake: E1816354 N5952901  
Type of Supply: Trappers water supplies

**Intake 16: PAHI-HUT**

Name of Supply: Pahi Hut  
Grid Ref. of intake: E1811697 E5955223  
Type of Supply: Trappers water supplies

**Intake 17: MCC-WATER**

Name of Supply: Moehau Community Commune  
Grid Ref. of intake: Marked on attachment G  
Type of Supply: Water intakes comes from stream on their private land.

**Intake 18: SBR-WATER**

Name of Supply: Sandy Bay Residents  
Grid Ref. of intake: Marked on attachment G  
Type of Supply: Water intakes come from Bores, creeks and roof water

**Intake 19: PCR-RESIDENTS**

Name of Supply: Port Charles Residents  
Grid Ref. of intake: Marked on attachment G  
Type of Supply: Water intakes come from Bores, creeks and roof water

**Intake 20: CRR-WATER**

Name of Supply: Carey Road Residents  
Grid Ref. of intake: Marked on attachment G  
Type of Supply: Water intakes come from Bores, creeks and roof water

*Add new entries if there are more than two drinking water intakes.*

List or mark on the topographical map (Attachment A) all public and private drinking water supplies, including catchments, reservoirs etc.

Have you physically inspected all **water supply intake** locations with the landowner and /or supply operator to ensure that location of the supply as detailed in this application form is correct?

Yes  No

Water supplies were GPSed and inspected in our last operation in 2013. Confirmation that they were still the same and no changes had been made were made with the landowners and if changes were made the supplies were re-visited.

Send a copy of the completed application form, accompanying location maps and attachments to the authorities which have drinking water catchments and/or intake structures within the operational area. Have you provided evidence of having consulted the authorities (e.g. TLAs) that operate **public drinking water supplies**?

Yes  No

There are no public drinking water supplies within the operational area.

Identify what, if any, concerns these supply owners/managers identified: **None**

How are you planning to avoid, mitigate or remedy any adverse effects identified by these supply owners/managers?

**Intake 1:** Stony Bay campground water intake is 1 km from the operational area. The water is taken from the river through an "Indian well". The water intake will be shutoff prior to the operation and the campground will be supplied by a 25000l tank.

**Intake 2:** Fantail Bay campers are at a seasonal low at this time of year. The main water supply will be disconnected prior to the 1080 toxin drop. Drinking water for campers will be available from a 2000 litre water tank located on site and filled prior to the aerial drop.

**Intake 3:** Port Jackson campground water intake is 3.5 km from the operational area. The water is taken from the river through an "Indian well". No management proposed.

**Intake 4:** [REDACTED] water supply is taken from a source originating outside of the operational boundary. No management proposed.

**Intake 5:** Fletchers Bay campground water is taken from a source originating outside the operational area. No management proposed.

**Intake 6:** [REDACTED] as well as two other absentee holiday homes take their water supply from a source originating inside the operational area, about 380m in distance. [REDACTED] is supportive of the operation. With the 24hr notification [REDACTED] will disconnect the water intake prior to the operation commencing and use the water tank supply and he will inform the other two absentee landowners.

**Intake 7:** There are nine homes on private land at Darkie Stream. They are mostly absentee holiday homes. Their water supply is taken from a source originating inside the operational area, approximately 1.2km in distance. Landowners have been given information about 1080 in water and are happy. No management is proposed.

**Intake 8, 9, 10 and 11:** [REDACTED] water supplies are taken from sources originating outside of the operational boundary. No management proposed.

**Intake 12:** [REDACTED] water supply is taken from a source originating outside the operational area. No management proposed.

**Intake 13:** [REDACTED] water supply originates from the operational area, it is 500m from the boundary. The water intake will be disconnected before the operation.

**Intake 14:** [REDACTED] water supply is taken from sources originating outside of the operational boundary. No management proposed.

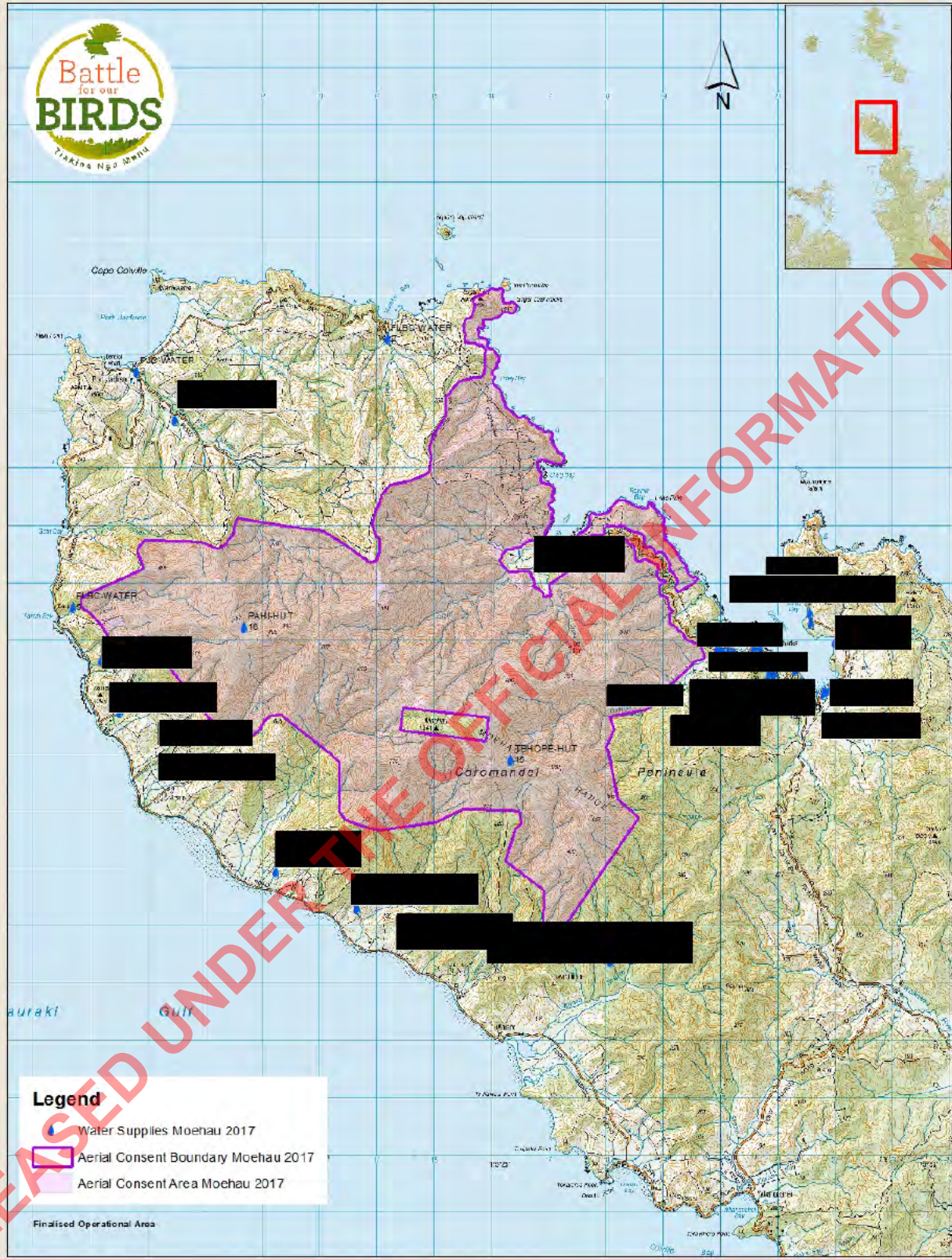
**Intake 15 and 16:** Te Hope and Pahi Hut are trapper's huts used once a month in winter. Water is collected from the roof. Water intakes to be disconnected before aerial drop by DOC staff/contractors and roofs will be checked and cleared of bait after the operation and water will be reconnected.

**Intake 17:** Moehau Community Commune water is taken from sources originating outside the operational area. No management proposed.




**Intake 18, 19 and 20:** Sandy Bay, Port Charles and Carey road residents take their water from bores, streams and rainwater from sources originating outside the operational area. No management proposed.

**Attach:** Evidence of consultation with authorities (e.g. TLAs) that operate public drinking water supplies

(For official use)



**Legend**

-  Water Supplies Moehau 2017
-  Aerial Consent Boundary Moehau 2017
-  Aerial Consent Area Moehau 2017

Finalised Operational Area

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 Date Produced 11/03/2010  
 DOC - Generalist Services

Moehau Water Intakes Attachment G  
 1080 Aerial Pest Control 2017



## ATTACHMENT H: DWELLINGS, ADJACENT LANDOWNERS/OCCUPIERS

Specify (or identify on a map) all dwellings within or adjacent to the boundary of the operational area.  
**Note:** This requirement may be covered by Attachment A (Operational Maps).

In areas where there are more than 30 adjacent residential properties/landowners involved, the identification of the properties on a map may be sufficient.

How will you tell the occupiers, adjacent residents and landowners about this operation?

- Consultation with adjacent residents and neighbouring farmers has been ongoing for the last 5 months.
- Media releases, meetings, mailouts, and phone calls have all been used to get the message across about the aerial operation and the risks and benefits.
- Mail outs have occurred around the mountain including Sandy bay, Colville and Port Charles communities and will be done again 2 weeks before the 1080 drop.
- An advertorial was printed in the Hauraki Herald in May and will be repeated in August in a further effort to make people aware of the aerial operation.

Consultation Record attached

How will you ensure that VTA baits are not applied near occupied dwellings?

- Consultation with neighbours
- GPS systems
- Pre-Flight around boundary with DOC Operations Supervisor
- GPS tracklogs of boundary fences uploaded into helicopter

Has the occupier, adjacent residents and landowners list attached or described on the operational map (Attachment A) been checked and updated by the applicant?

Yes

**Attach:**

1. Mark location of resident's names/addresses, adjacent residents names/addresses on operational map (Attachment A) (all applications)
2. List names/addresses of residents and landowners/ adjacent residents and landowners (optional if more than 30)
3. Supply copy of the information to residents
4. Attach evidence of consultation

(For official use)

## ATTACHMENT I: AREAS THAT ARE EASILY ACCESSIBLE

The intent of this attachment is to identify the potential for exposure of young children and others who cannot read or who do not understand the dangers of poisoned baits.

**Note:** In some circumstances, it may be possible and necessary to close any high use area.

Estimate the number of people visiting the operational area. In particular, is it a high use area or will the number of people using it during the operation, increase for specific events or according to the season. List areas used by the public, including lay-bys for motorists (or identify on operational map; Attachment A):

**HIGH USE** (more than 50 people per day)

**MEDIUM USE** (fewer than 50 people per day)

- Port Jackson campground 20-25 per day
- Stony Bay campground 10-20 per day

**LOW USE** (fewer than 10 people per day)

- Fantail Bay campground 10 or less per day
- Fletcher Bay campground 10 or less per day

Are there likely to be people who are at risk of poisoning who may visit the operational area e.g. children or venturesome tourists?

Yes  No

- Stony Bay campground is situated 50 meters from the flying site. The flying site will have an outside perimeter clearly defined by a farm fence and farm gate where people entering will be stopped (50 meters from flying site). A second and final checkpoint inside the first will also be put in place, Radio communication between checkpoints and operations will be established.
- Stony bay campground has very low visitor numbers at the time the operation will be undertaken: less than 10 people per night. The campground will be closed for the duration of the bait application.
- Communication is underway with Police to provide a presence at Checkpoints on the day of the operation.
- The aerial tender process focuses on delivering the department a contractor with:
  - A detailed operation plans.
  - A company with local knowledge about terrain, weather and working in an isolated area.
  - A proven record of delivering quality aerial operations.
- Fantail and Stony bay campgrounds are 250 meters from the operational area, Information signs will be erected at each of these campgrounds in the entrance kiosks to inform visitors about the operation and a map of the operational area. Caution signs will also be erected at entrances to tracks and day walks that leave from the campgrounds into the operational area warning of the risks to children and dogs from the toxic pellets. Toxic bait will be cleared from all visitor tracks.

List any areas to be closed to the public:

During the laying of bait- Stony Bay campground and the Coastal walkway track will be closed.

List private land which has a high public use (or identify on operational map; Attachment A):

Nil

List high use areas which will receive mid-week baiting strategy (or identify on operational map):

Nil

Give the sources of your information:

Consultation with campground staff and manager.

**Attach**

- 1. List public areas, or mark on operational map (Attachment A)**
- 2. List of any areas closed to the public during the operation**

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## ATTACHMENT J: TRAMPING HUTS, BIVVIES/SHELTERS, TENT CAMPING SITES, PICNIC AREAS, PUBLIC ROAD LAY-BYS and WATERCRAFT LANDING POINTS

The intent of this section is to cover those places where the public may be gathered temporarily.

Are there any tramping huts, bivvies/shelters, tent camping sites, picnic areas, public road lay-bys, public toilets or watercraft landing points within the operational area? *Consider privately used facilities as well – some of the organisations identified in attachments C,D, L & M may be relevant here.*

Yes  No

If yes, list tramping huts, bivvies/shelters (or identify clearly on operational map; Attachment A):

- Poley Bay – Beach Picnics
- Shag Bay lookout.
- Trappers huts x 3

Give the source(s) of your information:

- Information from visitor assets staff
- Local Knowledge

Describe the baiting plan in areas near these places:

- Poley Bay beach (Marked in green on Map: PB-T/CHECK) and Shag Bay lookout (Marked in green on Map: SB-T/CHECK) to be searched for pellets on the day of the application and again the day after, and all 1080 pellets will be removed.
- Trapper's huts roofs and decks will be checked and cleared of any 1080 pellets.

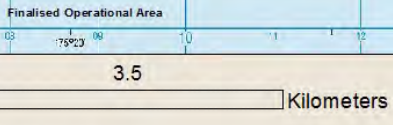
Name of the person who provided the information: \_\_\_\_\_

Signature: \_\_\_\_\_



**Legend**

- Huts
- Short Walk
- Walking Track
- Tramping Track / Great Walk
- Route
- Aerial Consent Boundary Moehau 2017
- Aerial Consent Area Moehau 2017



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 DDC, Geospatial Services  
 Based on Coromandel Moehau Operation 2017\_A3\_Permit\_Limits  
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Moehau Recreation Facilities Attachments J and K  
 1080 Aerial Pest Control 2017





## ATTACHMENT K: WALKING TRACKS and ROADS

Where it is necessary to carry out baiting on walking tracks and roads that are likely to receive high use, consideration should be given to closing the operational area to the public until it is deemed to be safe.

Obtain the following information from the owner, occupier or relevant manager/ authority and have this party sign off the information as being up to date and correct.

List all public or private roads and walking tracks used by the public within the area (or identify on operational map; Attachment A) according to the criteria below to assess the level of use of the track:

**HIGH USE** (more than 50 people per day)

**MEDIUM USE** (fewer than 50 people per day)

- Coromandel Walkway
- Sandy Bay Road

**LOW USE** (fewer than 10 people per day)

- Mountain Bike track
- Fishermans tracks
- Fantail Bay track

Give the source(s) of your information:

- Campground staff

Name of the person who provided the information:

[REDACTED]

Signature:

[REDACTED]

Attach: List of public walking tracks and roads, or mark on operational map (Attachment A)



(For official use)

## ATTACHMENT L: AREAS TO BE INSPECTED

The intent of this attachment is to identify places where the use of VTAs may directly or indirectly harm human health.

List any other excluded areas not recorded elsewhere in the application (or identify on operational map, Attachment A):

- Flight corridor on Stony Bay road. (Marked on map)
- Fishermans Track (Marked in green on Map: FT-T/CHECK)
- Coromandel Walkway (Marked in red on Map: CW-T/CHECK)
- Fantail Bay Track (Marked in red on Map: FBT-T/CHECK)
- Mountain Bike Track (Marked in red on Map: MB-T/CHECK)
- Farm boundary at Goat [REDACTED] (Marked yellow on Map: GF-B/CHECK)
- Farm boundary between Pahi and the Sugar loaf (Marked yellow on Map: PSL-B/CHECK)

Describe the control methods for this area:

- All tracks and fences listed above will be searched on the day of the operation and all 1080 toxic pellets removed.
- Boundary fences that have toxic bait found near them will have a GPS point taken of the bait and the find will be reported to operations immediately. Operations will then initiate further action to be taken. Staff are to remain at site where bait was found until operations stand them down.
- All tracks listed above will be re-searched the day after the aerial drop and any further toxic 1080 pellets removed



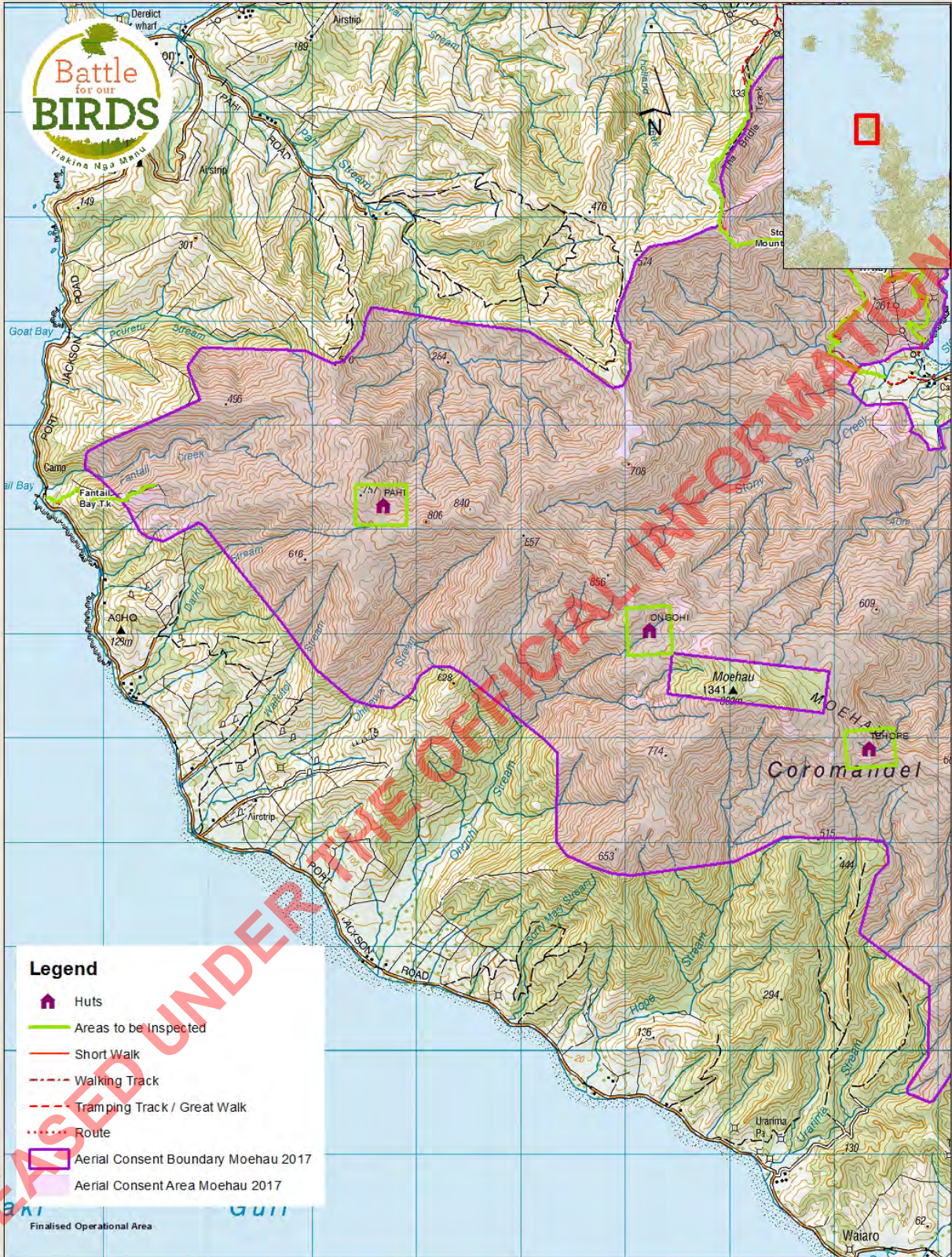
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Moehau Areas to be Inspected Attachments L

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**Legend**

- Huts
- Areas to be Inspected
- Short Walk
- Walking Track
- Tramping Track / Great Walk
- Route
- Aerial Consent Boundary Moehau 2017
- Aerial Consent Area Moehau 2017
- Finalised Operational Area

2

Kilometers

633,008  
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Moehau Areas to be Inspected Attachments L

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**ATTACHMENT M: PRIMARY SCHOOLS, SECONDARY SCHOOLS,  
KINDERGARTENS and OTHER EARLY CHILDHOOD CENTRES (ECCs)  
(ECCs are facilities attended by pre-school children)**

The intent of this attachment is to help to protect young children (and others who are unable to understand notices) from the risk of contact with VTAs. For example young children walking or cycling to school may visit friends, explore or take short cuts through operational areas (therefore their parents/caregivers need to receive warnings of the whereabouts of VTAs in the area).

**Explanatory Note - "Appropriate Distance"**

*This applies to the size of a circle around an operational area in which schools and early childhood centres may be found. Urban schools are likely to have pupils coming from shorter distances than those in rural areas, which have children coming from further afield. For example, a 2 km-radius circle area around an operational area may be suitable in an urban setting, but a 10 km radius may be more suitable in a rural area. The appropriate distance should be identified after consultation with school staff and with the delegated person.*

List all schools and early childhood centres located within an "appropriate distance" of the operational area:

School/ECC	Distance from operational area
Colville School (primary)	7km
Colville Pre-School (Colville)	7km
Coromandel Area School	21km
Coromandel Community Pre-School	21km
Coromandel Rudolf Steiner	21km
Coromandel Playcentre	21km
Kennedys Bay Kura Kopapa	20km
Manaia School	30km

What schools and early childhood centres did you consult with in relation to this application?

Fact sheet with Map of operation posted to Schools and early childhood learning centres listed below.

- Colville School (primary)
- Bright Beginnings Pre-School (Colville)
- Coromandel Area School
- Coromandel Community Pre-School
- Coromandel Rudolf Steiner
- Coromandel Playcentre
- Kennedys Bay Kura Kopapa
- Manaia School

Name the individuals or groups consulted:

As above

Detail what, if any, concerns these individuals/groups identified:

How are you planning to avoid, mitigate or remedy any adverse effects identified by these individuals/groups?

- Fact sheets, maps and information regarding the risks and benefits of using 1080 have been sent to the schools.

Attach any evidence of the consultation (correspondence, minutes of meetings, record of phone calls, etc):

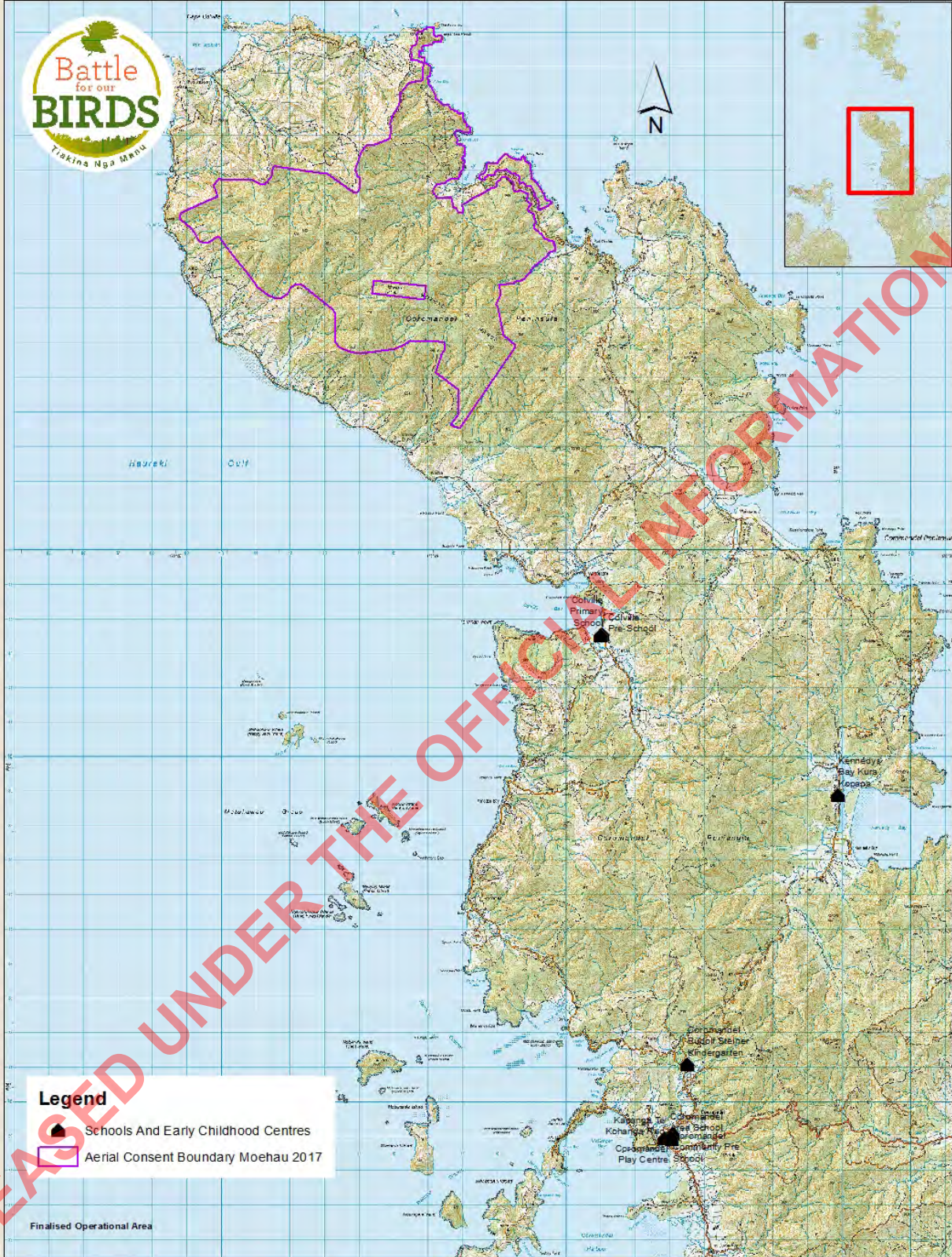
Consultation record attached.

Provide a copy of the information that will be supplied to these schools and early childhood centres:

**Attach: Copy of lists and information as requested above**

(For official use)

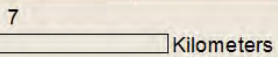
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**Legend**

- ▲ Schools And Early Childhood Centres
- ▭ Aerial Consent Boundary Moehau 2017

Finalised Operational Area



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### Moehau Schools and Early Childhood Centres Attachment M

1080: Aerial Pest Control 2017



## ATTACHMENT N: NOTIFICATIONS

Notification is required to ensure that the general public is aware of any poisoning operation scheduled to take place.

Hunting permissions for the general area of operation are required to carry a warning to hunters that poisoning is planned for certain localities. The appropriate authorities (DOC, Regional Local Authorities or Unitary Local Authorities, or Forest Managers) must be notified in advance of the operation to ensure that this happens.

Attach a copy of the information to be provided to groups and agencies.

A record or list of names/addresses of contacts is to be maintained by the applicant. This record is to be kept by the applicant for 12 months from the date of expiry of the Permission and shall be made available to the delegated person on request.

Consultation record attached

Local health/medical services/police:

- Colville Community Health – Fact sheet sent
- Coromandel Family Health Medical centre – Fact sheet sent
- Te Korowai Hauora o Hauraki- Coromandel – Fact sheet sent

Veterinary clinics:

- Coromandel Anexa FVC Veterinary services - Fact sheet sent
- Thames Anexa FVC Veterinary services - Fact sheet sent
- Hauraki Vets Thames - Fact sheet sent
- Franklin Vets Thames – Fact sheet sent
- Peninsula Veterinary Services - Fact sheet sent

Hunting/kennel clubs/game packing houses, outdoor pursuits/clubs:

- Coromandel Pig Hunting Club - Fact sheet sent
- Whitianga Pig Hunting Club - Fact sheet sent
- Peninsula Pig Hunting Club - Fact sheet sent

Any other known groups that are likely to have access to the area:

Refer to attached communication record

Attach: Copy of information to groups and agencies

(For official use)



## ATTACHMENT O: WARNING NOTICES, INFORMATION BOARDS, PUBLIC INFORMATION CENTRES, KIOSKS etc

The intent of this attachment is to ensure that a clear warning is given to people of the presence and danger of the VTA. Where foreign tourists frequently visit an area, it may be useful to provide signage in the appropriate language. As a minimum, warning notices must be erected at every place where people normally obtain access to the treatment area, including beaches and other landing points from waterways.

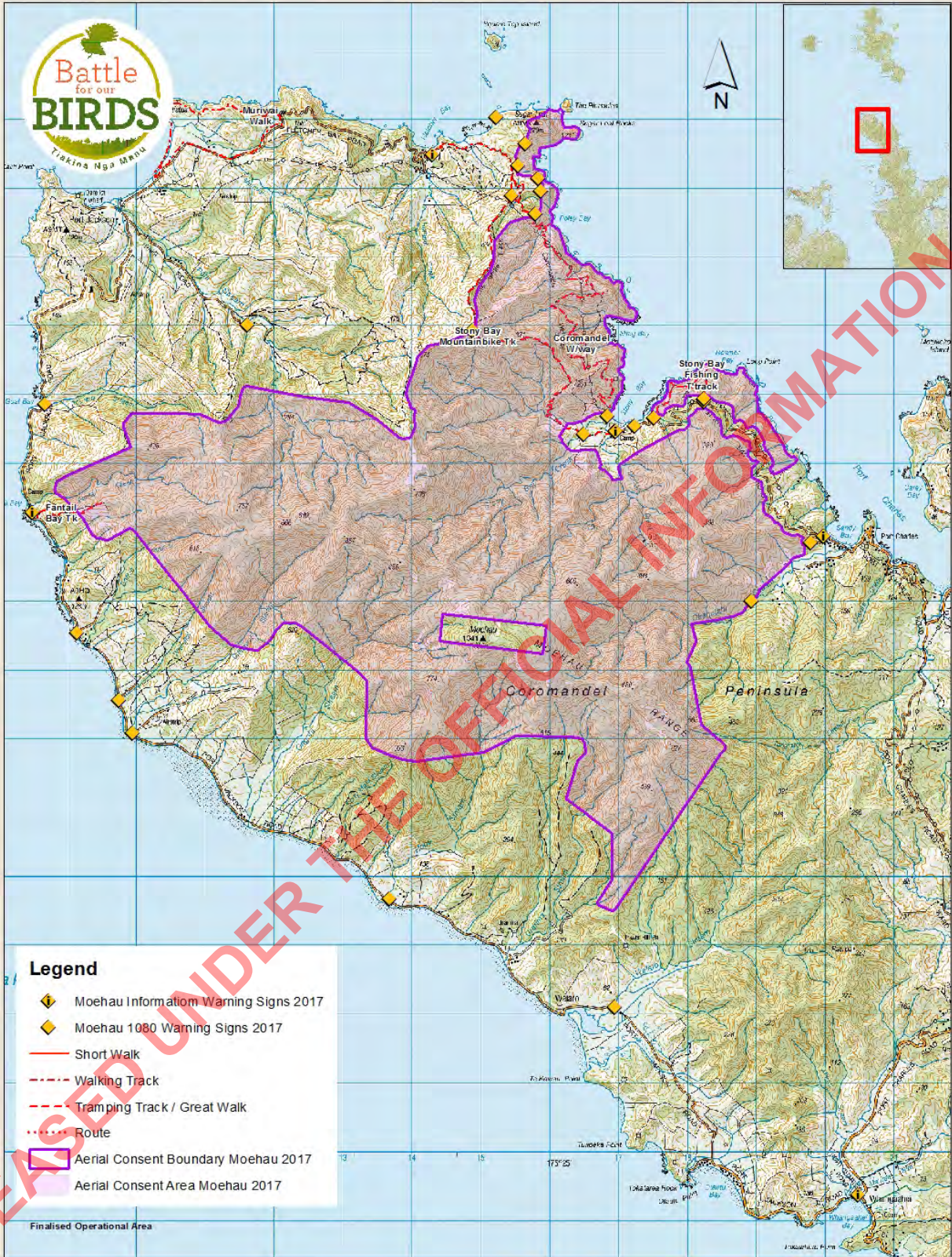
**Explanatory Note:** The term "regular" should be interpreted to suit local conditions. Where vandalism is to be expected, notices will need to be checked daily. If vandalism is not expected in the operational area, longer periods may be allowed to elapse between inspections.

List locations of warning notices and information boards (or identify on operational map; Attachment A):

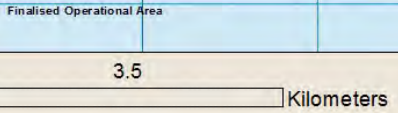
- Location of signs marked on operational map.
- There will be information signs erected, consisting of key facts on the operation, and a map of the treatment area at four key sites. Information signs will be erected a week before the 1080 is flown to inform the public that the operation is proceeding soon.
- Standard A3 warning signs at all known entrance points.
- Special signs are to be produced which are more for the purpose of providing information on why DOC uses 1080 for possum control and what we are trying to protect. These signs are over and above those identified on the attached map. These signs will be erected a week before the 1080 is flown to inform the public that the operation is proceeding soon.

Attach: Copy of notices and information boards

(For official use)



- Legend**
- Moehau Information Warning Signs 2017
  - Moehau 1080 Warning Signs 2017
  - Short Walk
  - Walking Track
  - Tramping Track / Great Walk
  - Route
  - Aerial Consent Boundary Moehau 2017
  - Aerial Consent Area Moehau 2017



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Moehau Warning Signs Attachments 0  
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