

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

[REDACTED]
Health Protection Officer
Waikato District Health Board
Huge Monckton Trust Building – L4
Cnr. Rostrevor & Harwood Streets
Private Bag 3200
Hamilton 3240
Ph [REDACTED]

Email [REDACTED]

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 requirements¹ 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 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

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

¹ 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

[REDACTED]

Operation Start Date: [4th September 2017](#)

Operation Finish Date: [31st 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: [Papakai Possum Control Operation 2017](#)

Operation Locality: [Coromandel Forest Park between Tapu-Coroglen Road and 309 Road](#)

Territorial Local Authority:² [Thames Coromandel District Council](#)

Total operation Size (ha): [11535 hectares](#)

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

Date of Operation: [14/05/2013](#)

Application Identification Code: [13-259-CM-WAPH-DOC-LI-PAPAKAI](#)

Vertebrate toxic agent,
e.g. *potassium cyanide*

[Sodium fluoroacetate \(1080\)](#)

Strength,
e.g. 800 g/kg

[1.5 g/kg](#)

Form,
e.g. pellets

[Pellets](#)

Application rate (for
aerial operations)

[2kg/ha](#)

Target species:
e.g. possum

[Possums](#)

HSNO Approval Number (e.g. [HSR002424³](#)):

Start Date: [4th September 2017](#)

End Date: [31st October 2017](#)

² District council, city council or unitary authority.

³ 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): 11535 hectares

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"/>	

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

State heights of bait stations:

Types of bait stations:

Name (print):

██████████

Signature:

████████████████████

Date: 11th August 2017

Application Identification Code: *(Office use only)*

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ATTACHMENTS – A TO O

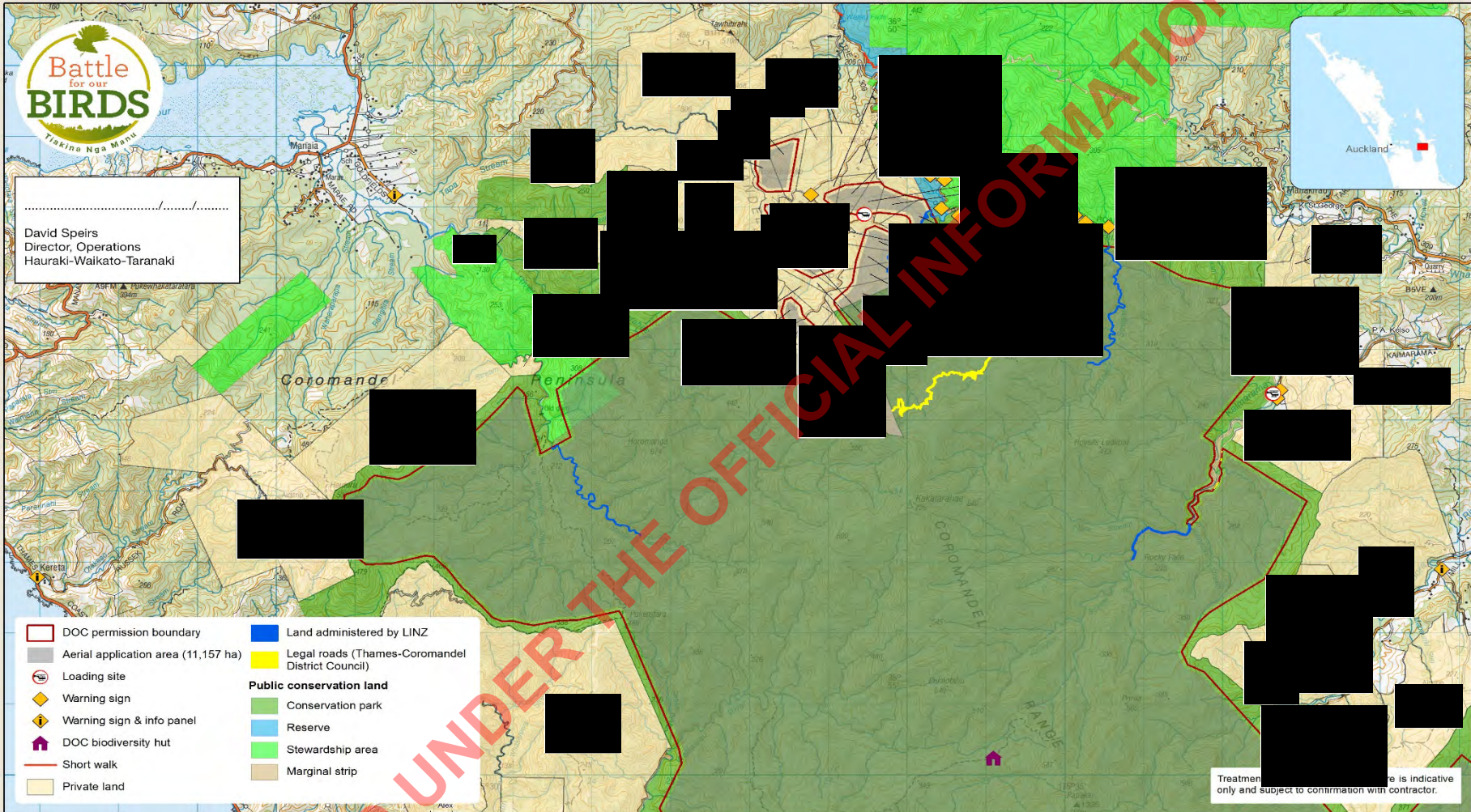
Complete the attachments that apply to this application. Tick the “yes/no” boxes below. If an attachment is not relevant, write “not applicable” across it. **Return all attachments.**

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.

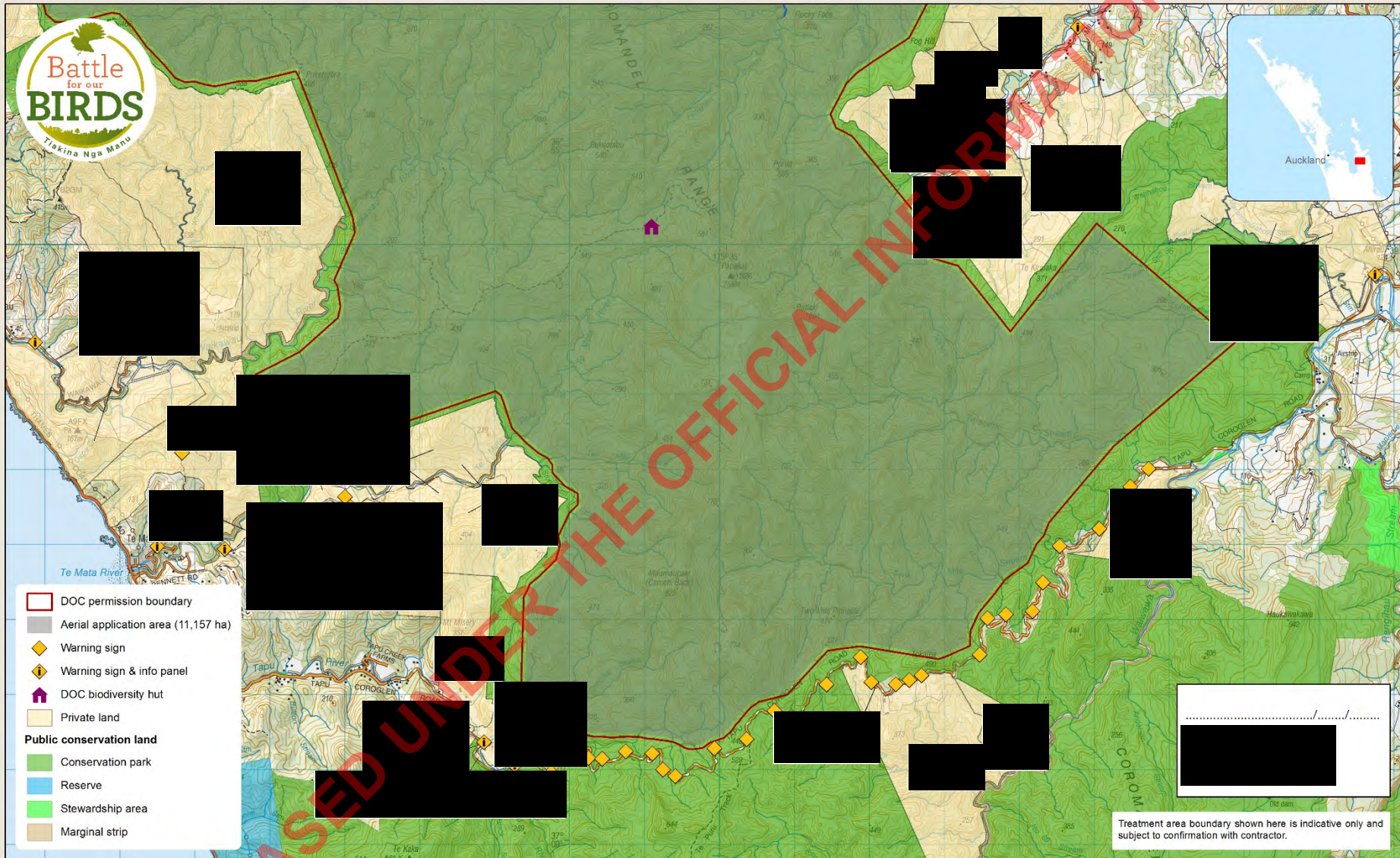
Page No.	Attachment Reference A to P	Information attached		Office use only
		Tick applicable box		
General		YES	NO	
5	A Operational Maps	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	B Interested Parties	<input checked="" type="checkbox"/>	<input type="checkbox"/>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



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Papakai - DOC Permission Application

Map 3

Aerial Predator Control 2017

Area of DOC permission application: 11,535 ha

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

- [REDACTED] has a water intake 100 metres outside the operational boundary. [REDACTED] has no problem with the operation. She has had five operations over the pass 20years she has lived there. [REDACTED] will disconnect her water intake for 48 hrs after the application of bait. [REDACTED] has a 13,000 water tank. Refer to the communication record.
- [REDACTED] is happy with the application of 1080 around his water supply, and is happy to rely on his 25 000 liters of water during the operation [REDACTED] only pumps water to his tank when the tank become empty. Refer to the communication record.
- [REDACTED] water intake is 650 metres downstream from the operational boundary have an exclusion placed around there water intake refer to communication record.
- Whitianga intake for Whitianga Town. Whitianga intake is 5.8 km downstream in the Whangamaroro River.
- Water intakes for Coromandel Town. Coromandel intake is 10.1 km downstream in the Waiiau River.
- [REDACTED] has a water supply within the operational boundary. [REDACTED] is very supportive of the operation and is having 37ha of his land include. [REDACTED] will disconnect his water supply for a week after the bait has been applied.
- [REDACTED] pumps water from the Osborne Stream to a water tank. Will not pump will after the operation. Refer to the communication record.
- Mahakirau Estate houses all have water tanks, and get there water from roof run off. All the house have been given a 150 buffer around the houses. Refer to the communication record
- Riverglen Camp Ground has a water intake 1 km in a straight line from the operational boundary.
- Riverlee Early Childhood School has a water intake 600 metres in a straight line from the operational boundary.
- Te Mata Hut is inside the operational area. This is a DOC biodiversity hut and is not used by the public. The water supply is is rain water from the roof. The down pipe with be disconnected be the application of bait and the roof checked and water supply connected back into the tank after the bait application.
- All other water sources are very low risk, Rain water 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

- There are 24 resident that have property within the Mahakirau Estate. most having dwellings, there are two properties that do not have dwellings. Out of the 24 residents 19 have consented to have aerial 1080 applied to their property and 5 are opposed to aerial 1080.
- There are a number of people adjoining to the operational area, most have been contacted but there are a small number that have been sent letters but we do not have phone numbers for. We have

made attempts to contact these residents but with no luck. Some of these resident live overseas. Papakai. 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

- There is a number of areas public do have access to the operational area along the 309 road and the Tapu/Coroglen road all layby areas and areas that could allow access into the operational will have warning signs erected.
- Kaimarama and Mill Creek road are access points, but Public must cross private land to enter operation area Warning signs will be erected at these two road ends.

Refer to attachment.

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

- There are no Schools within the operational area, but there are a number of schools from the operational boundary, ranging from 3km to 13km that have all received information regarding the operation. Refer to attachment and the communication record.

No If no, on what is this assessment based?

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 to 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

- There is one camp ground Riverglen campground 1.2 km from the operational boundary Coroglen Township is 3.3 km from the operational boundary. Manaia Town, Marae and school are all 4.5 km from the operational boundary
- Refer to attachments C and D

No

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 waterways
- There has been a considerable amount of protest for the wider community with a protest march in Whitianga.
- Mahakirau Estate have 80% support of the operation but there are five residents that not supportive.
- Inability to hunt and recover pigs for the quarantine period of the area.
- Toxic bait spread outside the operational area.
- 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?

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Consultation with community groups

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

- Thames Coast Kiwi Care
- Peninsula Pig Hunting Club
- Whitianga Pig Hunting Club
- Coromandel Pig Hunting Club
- Thames Coast Kiwi Care

Name the individuals/groups consulted:

- Thames Coast Kiwi AGM
- Peninsula Pig Hunting Club,
- Whitianga Pig Hunting Club,
- Coromandel Pig Hunting Club,
- Thames Coast Kiwi Care

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

- Thames Coast Kiwi Care – Were very supportive as this will assist with their predator control work .
- 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.
- 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.
- 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.
- Thames Valley Deerstalkers Association - Opposed to aerial 1080

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

- Thames Coast Kiwi Care – Have no concern very supportive.
- Peninsula Pig Hunting Club: Nothing – their objectives are not compatible with the objectives of the Department of Conservation. All the pig hunting clubs do not want 1080 and only want the areas trapped
- Whitianga Pig Hunting Club: Nothing – their objectives are not compatible with the objectives of the Department of Conservation. All the pig hunting clubs do not want 1080 and only want the areas trapped
- Coromandel Pig Hunting Club: Nothing – their objectives are not compatible with the objectives of the Department of Conservation. All the pig hunting clubs do not want 1080 and only want the areas trapped
- Thames Valley Deerstalkers Association Nothing – their objectives are not compatible with the objectives of the Department of Conservation

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](#)

If you have not followed these guidelines, please explain in detail your justification for not meeting these requirements:

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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?

- Ngaati Whanaunga
- Ngati Maru
- Ngati Tamatera
- Ngati Hei
- Ngati Pukenga
- Ngati Hako
- Ngati Huarere
- Ngati Porou
- Ngati Rahiri

List the marae provided information about this proposed operation:

- Manaia Marae (Te Kau o Rehua) iwi are: Ngaati Whanaunga / Ngati Maru
- Paeroa Marae (Pai o Hauraki) iwi are: Ngati Tamatera
- Thames Marae (Matai Whetu) iwi are: Ngati Maru

Name the individuals and groups consulted:

- Enviromental represenatives from Ngati Maru, Ngati Hei, Ngaati Whanaunga, Ngati Pukenga, and Ngati Tamatera.
- Also concerned individuals, [REDACTED] – Ngati Maru, and [REDACTED] – Ngati Hei.

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

- Ngaati Whanaunga oppose 1080 in principle but under stands the Department role in pest control.
- Ngati Hei official position was to be kept in the loop with consultation but was not supportive of 1080 but understands the Department of Conservation role in pest control
- Ngati Maru stands from a point of anti aerial 1080, but will not put in any objections for the operation. Which is no change from the past. [REDACTED], Ngati Maru represents a small community of pig hunters in the area who have made it very clear they don't want any toxin control in the area except for cyanide due to harvesting of pigs from the area, and have stated they do not care about any native species in the treatment area.
- Ngati Tamatera Meet with DOC staff from Coromandel and Hauraki for all three operations, and are supportive of the three operations.

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

- Ngaati Whanaunga Ngati Hei Keep communication lines open
- Ngati Maru: Keep communication lines open
- Ngati Tamatera: Keep communication lines open

Iwi have been invited to attend the Papakai operation to observe the bait application

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

If you have not followed these guidelines, please explain in detail your justification for not meeting these requirements:

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ATTACHMENT E: OPERATION DELIVERED BY SUBCONTRACTOR

Name of subcontractor: To be advised	Controlled Substance Licence Number: Date of Expiry: 00-00-00																		
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="background-color: black; width: 150px; height: 30px; margin: 10px auto;"></div> Signature: _____																			
<p>Chain of responsibility – Complete as applicable to this operation.</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>Example</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;"><u>Agency / Authority</u></td> <td style="width: 50%; border: none;"><u>Area of Responsibility</u></td> </tr> <tr> <td style="border: none;"><i>Principal Agency (AHB, DoC)</i></td> <td style="border: none;"><i>e.g. Control of Bovine TB. Conservation etc</i></td> </tr> <tr> <td style="border: none;"><i>Contractor (Local Authority)</i></td> <td style="border: none;"><i>e.g. Contracted by AHB Possum Control</i></td> </tr> <tr> <td style="border: none;"><i>Subcontractor (Name of approved operator)</i></td> <td style="border: none;"><i>e.g. Field operations</i></td> </tr> </table> <table style="width: 100%; border: none;"> <thead> <tr> <th style="width: 50%; border: none;"><u>Agency / Authority</u></th> <th style="width: 50%; border: none;"><u>Area of Responsibility</u></th> </tr> </thead> <tbody> <tr> <td style="border: none;">Principal Agency: Department of Conservation</td> <td style="border: none;">Management of public conservation lands.</td> </tr> <tr> <td style="border: none;">Project management: Department of Conservation</td> <td style="border: none;">Managing pest control at Papakai</td> </tr> <tr> <td style="border: none;">Contractor: To be advised</td> <td style="border: none;">Contracted to deliver bait and conduct the Application.</td> </tr> <tr> <td style="border: none;">Subcontractor:</td> <td style="border: none;"></td> </tr> </tbody> </table>		<u>Agency / Authority</u>	<u>Area of Responsibility</u>	<i>Principal Agency (AHB, DoC)</i>	<i>e.g. Control of Bovine TB. Conservation etc</i>	<i>Contractor (Local Authority)</i>	<i>e.g. Contracted by AHB Possum Control</i>	<i>Subcontractor (Name of approved operator)</i>	<i>e.g. Field operations</i>	<u>Agency / Authority</u>	<u>Area of Responsibility</u>	Principal Agency: Department of Conservation	Management of public conservation lands.	Project management: Department of Conservation	Managing pest control at Papakai	Contractor: To be advised	Contracted to deliver bait and conduct the Application.	Subcontractor:	
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Project management: Department of Conservation	Managing pest control at Papakai																		
Contractor: To be advised	Contracted to deliver bait and conduct the Application.																		
Subcontractor:																			
Attach: Documentation showing subcontracting arrangements																			
<div style="text-align: right;"> <input type="checkbox"/> (For official use) </div>																			

ATTACHMENT F: TRANSPORT, STORAGE and DISPOSAL OF VTAs

Give the name and address of VTA suppliers:

Name: **Animal Control Products Ltd Trading as Orillion**

Address: [REDACTED]

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

Sodium fluoroacetate (1080) pellets **23,000 kg**

Where will the VTAs be stored prior to the operation:

[REDACTED], in a locked and alarmed building with security cameras covering all entrances

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

[REDACTED], in a locked and monitored alarmed building, with security cameras.

Covering all entrances and drive ways

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

Toxic bait will be transported to the site by truck. Trucks used will be 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 [REDACTED] [REDACTED] 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 back 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

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.

[REDACTED]

[REDACTED]

[REDACTED]

Intake 4: TCDC- Whitianga Water Supply

Name of Supply: Whangamoro Intake
Grid Ref. of intake: E1836075 N5917351 - NZTM
Type of Supply: River intake water supply

Intake 5: TCDC – Coromandel Water Supply

Name of Supply: Waiau River Intake
Grid Ref. of intake: E1824464 N5925576 - NZTM
Type of Supply: River intake water supply

[REDACTED]

[REDACTED]

Intake 8: Mahakirau Estate

Name of Supply: Mahakirau Estate Houses
Grid Ref. of intake: Refer to map for locations
Type of Supply: There are 17 tank water supplies within the operation area

Intake 9: RiverGlen Camp Ground

Name of Supply: RiverGlen Camp Ground
Grid Ref. of intake: E 1837781 N 5908168
Type of Supply: Spring intake into Tanks

Intake 10: Riverlee Early Childhood School

Name of Supply: Riverlee early Childhood School
Grid Ref. of intake: E 1832541 N 5917356
Type of Supply: Spring intake into Tanks

Intake 11: Te Mata Hut

Name of Supply: Te Mata Hut

Grid Ref. of intake: E 1829092 E 5910241

Type of Supply: Water tank

We have identified 38 other water intakes for domestic purposes within 3 kms of the Papakai Operation Area (refer to map below). These water takes are one or a combination of rain water collection (from roof), ground water (through bores), or from streams originating outside the operation area. We have assessed the risk of the operation to these water intakes and deemed it low and do not propose to undertake any actions.

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

Most of the water supply were inspected and GPS, or the location identified on a map or the GPS points sent by the land owners.

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.

There is one domestic water supply within the operational [REDACTED] And one DOC hut (TeMata) both these supplies will be disconnected for 48 hrs after bait application

There is one domestic water supply 100 metres from the operational boundary [REDACTED] this will also be disconnected.

Identify what, if any, concerns these supply owners/managers identified:

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

Intake 1: [REDACTED]

Water intake to be closed prior to operation. Occupier will use water tank for 48 hour period after bait drop then reopen water intake. Only two people live at this residents so have a low water usage .

Intake 2: [REDACTED]

Water intake to be closed prior to operation. Occupier will use water tank for as long as he deems adequate after bait drop then will only pump water when 25,000 litre tank is empty.

Intake 3: [REDACTED]

Water intake will remain open this 650 metres downstream from the operational boundary.

Intake 4: TCDC- Whitianga Water Supply

The Whitianga Water supply is taken from the Whangamaroro River at State Highway 25, 5.8 km from the operation boundary. Risks and management in the event of incidents has been discussed with Veolia Water Services staff. No management proposed. Veolia will be contracted to take water samples at the intake

Intake 5: TCDC – Coromandel Water Supply

The Coromandel Water supply is taken from the Waiau River at just upstream from State Highway 25 bridge, 10.1 km from the operation boundary. Risks and management in the event of incidents have been discussed

with Veolia Water Services staff. No management proposed. Veolia will be contracted to take water samples at the intake.

Intake 6: [REDACTED]

Water intake will be closed prior to the operation. Occupier will use water tank for 48 hour period after the bait drop then reopen water intake

Intake 7: [REDACTED]

Water intake to be closed prior to operation. Occupier will use water tank for as long as he deems adequate after bait drop then will only pump water when 25,000 litre tank is empty

Intake 8: Mahakirau Estate

All Mahakirua Estate house are on tank water from water run off roof tops. All house site with water tanks have been given a 150 metre buffer around the house site.

Intake 9: RiverGlen Camp Ground

RiverGlen Camp Ground water intake is in a stream that does not flow out of the operational area, and is 1 km in a straight line from the operational boundary. The intake feeds two tanks with a total capacity of 50,000 liters. Riverglen still want to be contacted so there can disconnect the intake.

Intake 10: Riverlee Early Childhood School

Riverlee Early Childhood School water intake is in a stream that does not flow out of the operation area and is 600 meters in a straight line from the operational boundary. Riverlee requested water sampling for a three month period after the bait application. Riverlee will take the samples and DOC will cover the cost of testing.

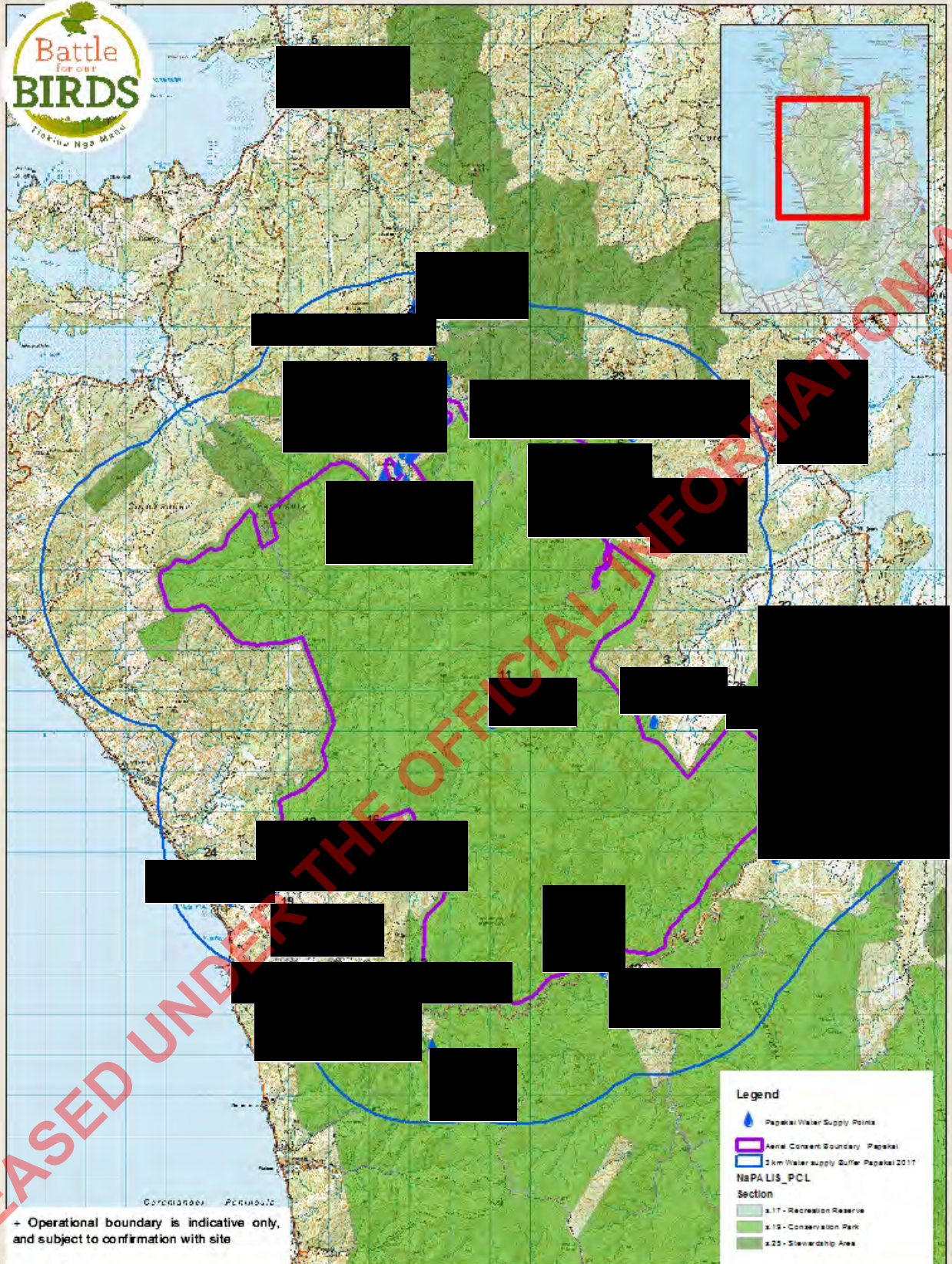
Intake 11: Te Mata Hut

Te Mata Hut is a DOC biodiversity hut and is not used by the public. The water supply is a tank supply feed by rain water from the roof. The down pipe will be disconnected before bait application and the roof checked and cleared of bait and the pipe connected after bait application.

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

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+ Operational boundary is indicative only, and subject to confirmation with site

Legend

- Papakai Water Supply Points
- Aerial Consent Boundary Papakai
- 3 km Water supply Buffer Papakai 2017
- NaPA LIS_PCL**
- Section**
- s.17 - Recreation Reserve
- s.19 - Conservation Park
- s.25 - Stewardship Area

3.5 Kilometers

Papakai - Water Intakes 2017 attachment G

1080 Aerial Pest Control 2017



Department of Conservation
G. Pope-Archer

Map for 1080 Aerial Pest Control 2017, 15/12/17, PCL 1080
Data provided by GNS, PCL 1080, PCL 1080
Map for 1080 Aerial Pest Control 2017
Data provided by GNS, PCL 1080, PCL 1080
Map for 1080 Aerial Pest Control 2017
Data provided by GNS, PCL 1080, PCL 1080
Map for 1080 Aerial Pest Control 2017
Data provided by GNS, PCL 1080, PCL 1080

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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?

Letter and fact sheet with a map attached was sent out adjacent land owners and the wider community on the 30/04/2017 as well as mail box runs to the Wider community Refer to Communication record attached.

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

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

There are no occupied residential dwellings in the operational area. Mahakirau Estate have dwellings along the centre road all these dwelling have been given a 150 metre buffer. GIS shape files loaded into aircraft GPS systems and double checked by DOC GIS staff and aerial contractor.

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, refer to the attached communication record.

Attach:

1. Mark location of residents 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)

LOW USE (fewer than 10 people per day) This area has a very low usage. There are no recreational facilities in this area. On the Tapu Coroglen road and the 309 road there are pull over areas where public can stop and walk around up there are no tracks leading into the operational area. The only recreation activity that is carried in this area is pig hunting

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

List any areas to be closed to the public:

None

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

Not applicable

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

Not applicable

Give the sources of your information:

Research from previous operations and local knowledge through the consultation process.
Concessioners operating in the area as per concessioners list. All concessioners that have concessions to operate in the area have been contacted.

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):

Refer to map for locations of lay-bys, and tourist spots. All these sites will have warning sign installed. The Te Mata hut is in the operational area and is a DOC biodiversity hut, that is not used by the public. This hut is used by predator trappers from Thames Coast Kiwi Care (TCKC) and DOC staff and contractors.

Give the source(s) of your information:

Local knowledge, Thames Coast Kiwi Care, past operation, land owners and experienced DOC Staff

Describe the baiting plan in areas near these places:

This hut will not be excluded from the aerial drop. The water supply is rain water from the roof, this will be disconnected prior to the bait application. The hut will be physically checked and cleared and the water supply connected 48hrs after bait application. The access track to the Hut will not be cleared as this track is not used by the public. Warning signs will be erected at the start on the track.

Name of the person who provided the information: [REDACTED]

Signature: [REDACTED]

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)

LOW USE (fewer than 10 people per day)

The Te Mata Track and Hut are the only facilities within the operational area. Both the hut and the track are not used by the public and are only used by TCKC and DOC Staff carrying out pest control. Access to this track is through private land and has restricted access. The Te Mata hut will be Physically checked and cleared of bait after the aerial application of 1080 pellets.

Give the source(s) of your information:

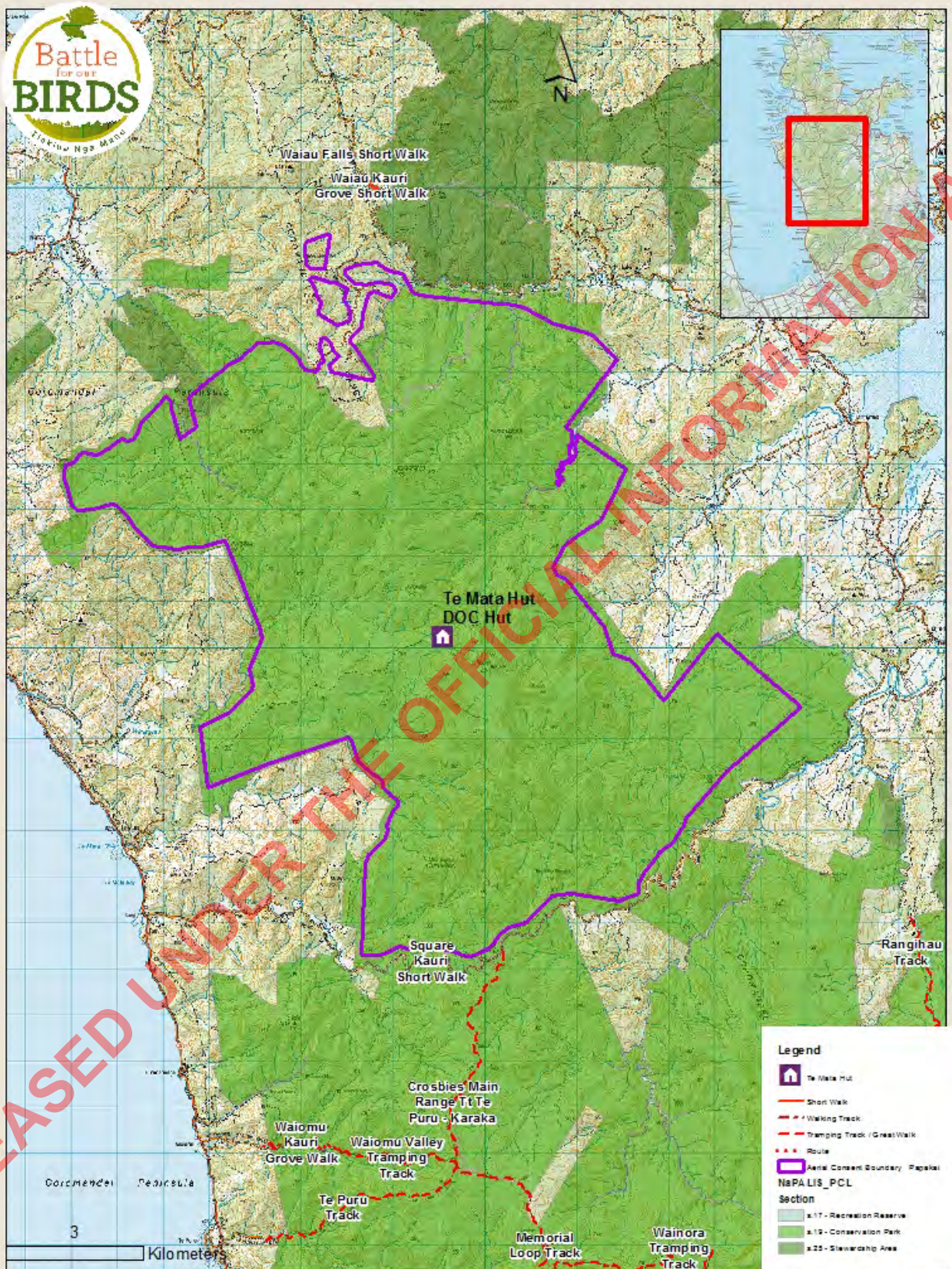
Local knowledge, during consultation with landowners and from the hut book records. Visitation is approximately 100 people, over the 12month period mainly TCKC and DOC staff, and contractors .

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)



Legend

- Te Mata Hut
- Short Walk
- Walking Track
- Tramping Track / Great Walk
- Route
- Aerial Consent Boundary - Papakai NePA LIS_PCL

Section

- s.17 - Recreation Reserve
- s.19 - Conservation Park
- s.23 - Stewardship Area

Papakai - Tramping Huts Walking Tracks 2017 attachment J -K

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Map by P. J. O'Connell for Department of Conservation, 2017. Photo by P. J. O'Connell. Data by GNS, GeoNet, and other sources. 2017.

V182, 02
SC201808
Date of approval
Date of approval
Date of approval
Date of approval

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 corridors on the Mahakirau Road. The road way will be checked after the bait application.

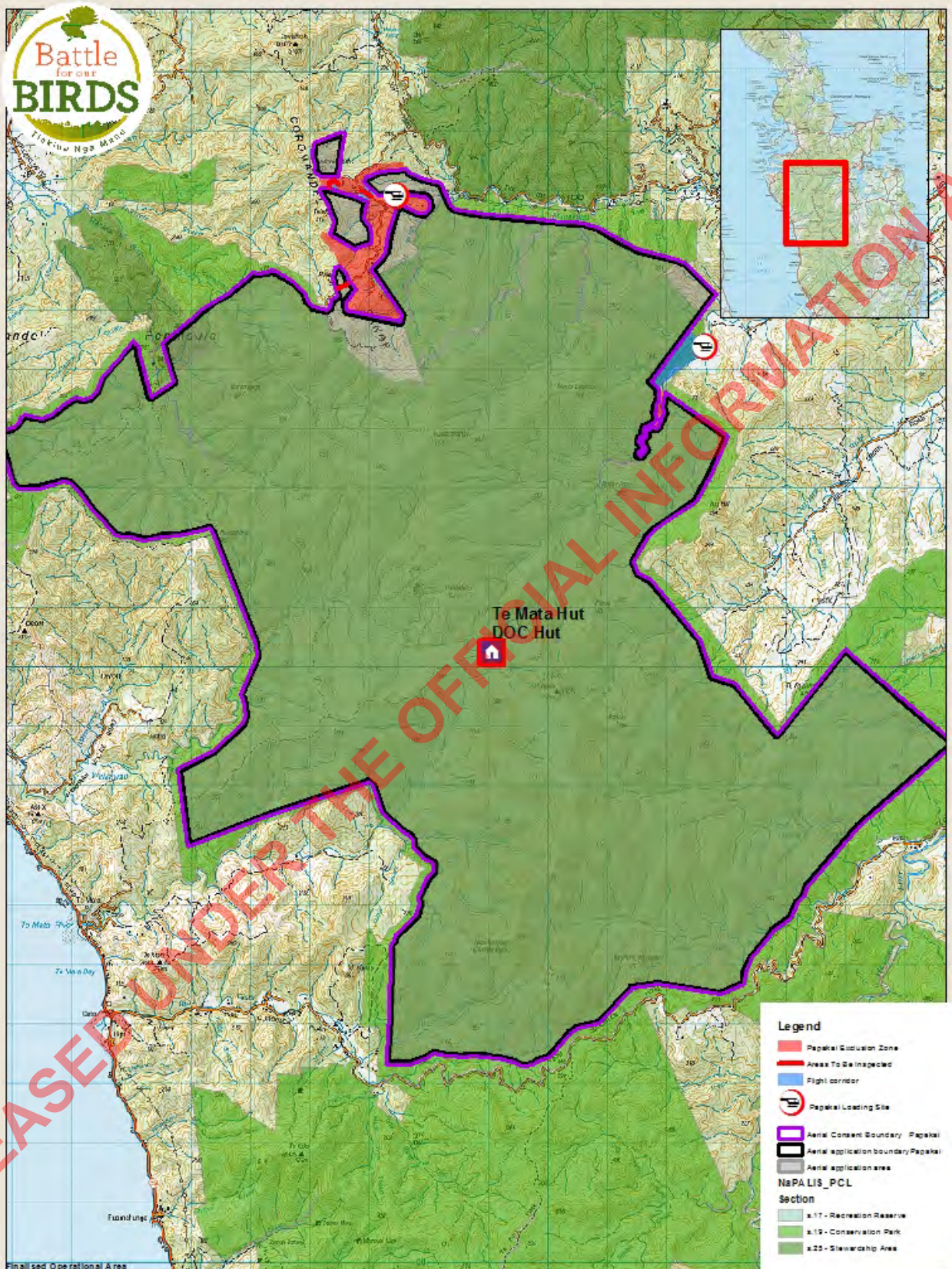
The section of road at the end of the Mahakirau Estate will have bait applied over the road and the road will be check and cleared of all baits.

In the event of a significant rain fall a number of waterways will be inspected on foot to ensure carcasses have not been washed down and pose any danger. Refer to attachment L for more detail.

Describe the control methods for this area:

No control methods will be employed in this area.

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Map by P. J. O'Connell & P. J. O'Connell for the Department of Conservation, 2017. All rights reserved.



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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
Tapu School	3.5 km
Te Puru School	6 km
Te Wharekura o Manaia (Manaia)	4 km
Coromandel Area School	11 km
Mercury Bay Area School (Whitianga)	10 km
Coroglen School (primary)	4 km
Whenuakite School (primary)	11km
Kauri Leaners Early Childhood	10 km
Coromandel Rudolf Steiner Kindergarten	12 km
Coromandel Playcentre	12 km
Thames Coast Community Kindergarten Inc (Te Puru)	6 km
Coromandel Community preschool	12 km
Mercury Bay preschool (Whitianga)	10 km
Whitianga Playcentre	10 km
Whenuakite Country Kids	13 km
Kapanga Te Kohanga Reo Coromandel	12 km
Peanuts Childcare and Education Whitianga	10 km
Riverlee Early Learning Centre 309 Rd Whitianga	1.5km
Central Kids Mercury Bay	10 km

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

Visited [Riverlee Early learning Centre](#)

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?

[Consultation fact sheets have sent additional information to Riverlee Early leaning Centre](#)

[Visited Riverlee to locate water supply and discuss 1080 in water supplies. Riverlee have requested that their water be tested for 1080 for 3 months after the application of bait. Riverlee will take the samples and DOC will cover cost of testing.](#)

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

[See consultation plan](#)

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

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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.

<p>Attach a copy of the information to be provided to groups and agencies.</p> <p>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.</p> <p style="text-align: center;">Refer to attached communication record</p>
<p>Local health/medical services/police:</p> <p style="text-align: center;">Police have been made well aware of the operation due to past and present anti activity, also they have been made aware of the risk management plan for the operation. Are also looking at a security company to carry out loading site security</p> <p style="text-align: center;">Medical centres: Refer to attached communication record</p>
<p>Veterinary clinics:</p> <p style="text-align: center;">Refer to attached communication record</p>
<p>Hunting/kennel clubs/game packing houses, outdoor pursuits/clubs:</p> <p style="text-align: center;">Refer to attached communication record</p>
<p>Any other known groups that are likely to have access to the area:</p> <p style="text-align: center;">Refer to attached communication record</p>
<p>Attach: Copy of information to groups and agencies</p> <div style="text-align: right; margin-top: 20px;"> <input type="checkbox"/> (For official use) </div>

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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.

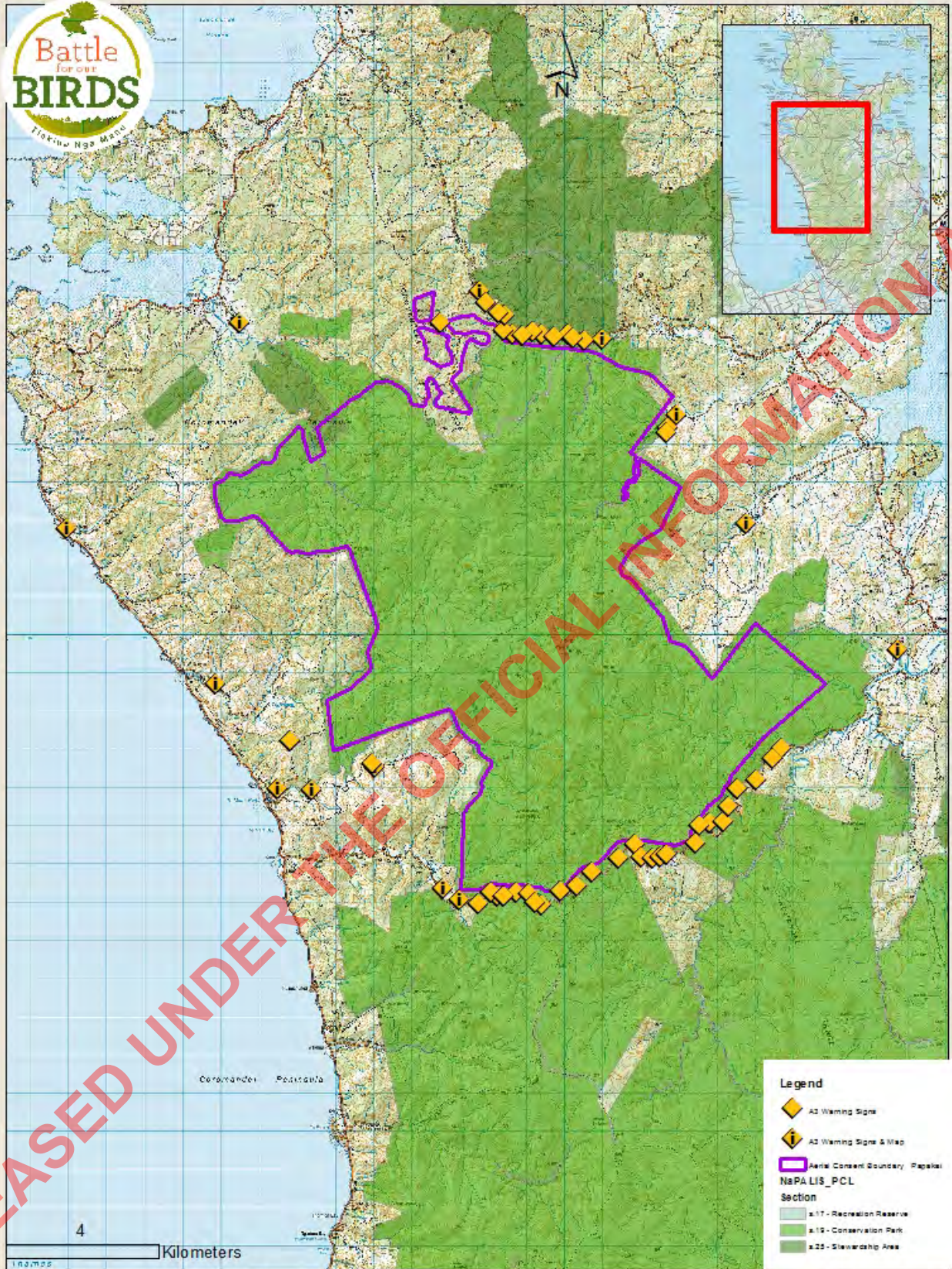
Explanatory Note: The term "regular" should be interpreted to suit local conditions. Where vandalism is to be expected, notices will need to be checked daily. If vandalism is not expected in the operational area, longer periods may be allowed to elapse between inspections.

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

Refer to map for location of warning signs, Information boards will located at each end of the 309 Road and the Tapu Coroglen Road, At the gate entrance into Mahakirua Estate, End of Goldfields Road, Entrance into [REDACTED], Entrance gate into [REDACTED] property Waikawau Valley Road, Access Road into Te Mata Forest, End of public Road Mill creek Road, End of public Road Kaimarama Road. Road will be checked ever second day for the first two weeks then weekly on a Friday for the next 2 months and monthly after that.

Attach: Copy of notices and information boards

(For official use)



Legend

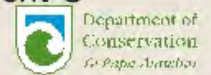
- A2 Warning Sign
- A2 Warning Sign & Map
- Aerial Consent Boundary Papakai NePALIS_PCL

Section

- s.17 - Recreation Reserve
- s.19 - Conservation Park
- s.25 - Stewardship Area

Papakai -Warning Signs Information Signs 2017 attachment O

1080 Aerial Pest Control 2017



Map for 1080 Aerial Pest Control 2017, 1080_PCL_Papakai
Data provided by GNS, Forest, Conservation Department, etc.

NOTES
1080 Aerial Pest Control 2017
Map for 1080 Aerial Pest Control 2017
Data provided by GNS, Forest, Conservation Department, etc.

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