



West Coast District Health Board

Te Poari Hauora a Rohe o Tai Poutini

Corporate Office
High Street, Greymouth 7840

Telephone 03 769-7400
Fax 03 769-7791

25 February 2020

9(2)(a)

[REDACTED]

[REDACTED]

[REDACTED]

Official Information Request WCDHB 9387

I refer to your email dated 30 January 2020 requesting the following information under the Official Information Act from West Coast DHB.

On the 5 Nov at 1.06pm a member of staff from the DHBs Community and District health dept emailed Dept of Conservation regarding a potential poisoning incident at a Doc Hut after the flyover at the Te Maruia Aerial 1080 poison operation.

- **Please confirm whether these members of the public who stayed at the hut during the night of 1080 poison distribution over the hut were contacted and when. What information they were provided with, with regard to any potential symptoms of a sub lethal dose of 1080 poison, how was their health assessed and what (if any) follow-up actions were taken as a result of these interactions.**

Community and Public Health's West Coast (CPH WC) office were advised by telephone on the 4th November 2019 by Department of Conservation (DoC) that there had been an accidental oversow of baits in the exclusion area around the Pell Stream Hut. DoC provided a draft written report the following day and a West Coast Health Protection Officer emailed DoC to ask if there were any contact details for the couple in the hut book. Unfortunately, in addition to the note they made (see attached copy of DoC's initial report for photo of this) the couple had only left their first names and an address of "Christchurch", so that it was not possible to contact them to seek further information or provide any advice.

- **Please also forward any other correspondence with the EPA or other Government agencies with regard to this incident.**

Please refer to **Appendix 1** (attached) for copies of correspondence.

Please note we have redacted information pursuant to section 9(2)(a) of the Official Information Act to protect privacy of individuals.

You may, under section 28(3) of the Official Information Act, seek a review of our decision to withhold information by the Ombudsman. Information about how to make a complaint is available at www.ombudsman.parliament.nz; or Freephone 0800 802 602.

I trust that this satisfies your interest in this matter.

Please note that this response, or an edited version of this response, may be published on the West Coast DHB website after your receipt of this response.

Yours sincerely

A handwritten signature in black ink, appearing to read 'Gullery', with a long, sweeping horizontal line extending to the right.

Carolyn Gullery
Executive Director
Planning, Funding & Decision Support

Kathleen Smitheram

From: Cheryl Brunton
Sent: Monday, 4 November 2019 10:13 AM
To: Amelia Haskell; Mona Andreas
Subject: RE: Te Maruia Phone call

Thanks AJ

Mona – you'll need to do an EPA Incident Report. Don't forget that there is a new form just for 1080 incidents. You can access it via the HS Protocol.

That's a bugger about the heli operator.

Cheers, Cheryl

From: Amelia Haskell
Sent: Monday, 4 November 2019 9:39 AM
To: Cheryl Brunton <Cheryl.Brunton@cdhb.health.nz>; Mona Andreas <Mona.Andreas@cdhb.health.nz>
Subject: Te Maruia Phone call

Hi Cheryl and Mona

I had a phone call this morning 8.45am from 9(2)(a)

The Te Maruia toxic operation is complete but they had a couple of issues with the helicopter operators not paying sufficient attention to detail and one is a breach of our conditions. They will not be using those helicopter operations again for any operations.

A hut exclusion zone was breached – they have already gone in the morning after and done the clearance around the hut.

However some trampers had gone in passing track closure signs, stayed there, but full awareness of operation was shown in hut logs, noted dead rats and baits but not upset seemingly. No baits remaining are likely as already on the day of operation dead rats everywhere. They should have names if they left a hut log.

Their treatment areas boundary was breached marginally for a water intake exclusion but not our condition.

He will send full details flight logs, GIS and remedial actions already undertaken to Mona today

Thanks
Ngā mihi
AJ

Amelia Haskell
Health Protection Officer
West Coast Office
Community & Public Health
3 Tarapuhi Stereet
Greymouth

9(2)(a)

Haere ora, haere pai
Go with wellness, go with care

RELEASED UNDER THE OFFICIAL INFORMATION ACT

Kathleen Smitheram

From: 9(2)(a) [REDACTED]@doc.govt.nz>
Sent: Tuesday, 5 November 2019 8:56 AM
To: Mona Andreas
Subject: Te Maruia issues

Good morning Mona

I spoke to AJ yesterday morning regarding a couple of breaches of MOH in the Te Maruia Op. I will need to schedule a time to sit down with you and go through these. I am just waiting on the GIS information so I can gather everything you need first.

Regards

9(2)(a) [REDACTED]

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Kathleen Smitheram

From: 9(2)(a)@doc.govt.nz>
Sent: Tuesday, 5 November 2019 1:52 PM
To: Mona Andreas
Subject: RE: Te Maruia issues

No they didn't. They left their first names and CHCH in the column. I wondered the same.

9(2)(a)



From: Mona Andreas <Mona.Andreas@cdhb.health.nz>
Sent: Tuesday, 5 November 2019 1:06 p.m.
To: 9(2)(a)@doc.govt.nz>
Subject: RE: Te Maruia issues

Hi 9(2)(a)

Do you know if the couples that had stayed in Pell hut left their contact details by any chance?
Thank you.

Kind regards
Mona Andreas
Health Protection Officer
Health Protection Team

Community & Public Health
A Division of the Canterbury District Health Board
3 Tararua Street | PO Box 443 | Greymouth | 03 768 1160

9(2)(a)



From: 9(2)(a)@doc.govt.nz]
Sent: Tuesday, 5 November 2019 12:11 p.m.
To: Mona Andreas <Mona.Andreas@cdhb.health.nz>
Subject: RE: Te Maruia issues

Hi Mona

See attached. I am waiting on a map from GIS team, but if what's in the report is sufficient let me know. Any questions please do not hesitate to get in touch.

Regards

9(2)(a)



From: Mona Andreas <Mona.Andreas@cdhb.health.nz>
Sent: Tuesday, 5 November 2019 9:55 a.m.
To: 9(2)(a) <[REDACTED]@doc.govt.nz>
Subject: RE: Te Maruia issues

The only urgent thing is EPA expected as to report incidents within 72 hours from the time we have heard from you or operator.
Thanks Darrell.

Kind regards
Mona Andreas
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Kathleen Smitheram

From: 9(2)(a)@doc.govt.nz
Sent: Tuesday, 5 November 2019 12:11 PM
To: Mona Andreas
Subject: RE: Te Maruia issues
Attachments: Pell Stream Hut Breach Log.docx; VTA Breach.jpg

Hi Mona

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Te Maruia Aerial 1080 Operation

Report on Breach of VTA conditions

Reported by: 9(2)(a) Senior Ranger [Biodiversity]. Department of Conservation Greymouth. 5 November 2019

Permission ID: 19/1228/CB/GRYPH

Condition 10: Exclusion from Public Areas

No Vertebrate Toxic Agent (VTA) shall be ground applied within 20 metres, by trickle bucket within 40 metres or aerially applied within 60 metres of, and not where it is within sight of, the following access points and public areas.

Breach:

As the Operational planner, it was reported to me on the evening of Saturday 2nd November 2019 that there was a potential breach of a hut exclusion. It was identified as Pell Hut which is within the list of exclusions as per above condition. I reviewed the GIS data and found there was a breach into the exclusion on two occasions by two separate helicopters working within the area [Both were 9(2)(a)]. It is apparent that the pilots could see this as a void on their Tracmap system as they had largely avoided the balance of the exclusion and a flight treatment clearly indicates a parallel sow was conducted around the exclusion zone. These are allocated as 'No Bait' on the GIS shape files they were supplied with. In the diagram below, blue arrowed lines are sowing and black arrowed lines are flight only.



In review of the main breach, the mapping showed that most of the area oversown was native forest but did show a high likelihood of baits being in and around the hut clearing. The hut is considered by the Department as extremely low use as the tracks to it are not maintained, making it more a route. They are however still partially marked with historic markers. Hut records show very few people venture into the hut. The access point into the route is via a four-wheel drive track that had warning signs in place before sowing commenced. There is an extremely high population of rats in the area which is shown by recent monitoring data.

Decision:

At the time it was discovered it was decided that it was too late in the evening to send staff in to search for and clear any baits around the hut. It was also assumed that the high rat population would consume some of the baits that evening. It was decided that any baits that were in the native bush area would prove difficult to find so focal was on the grassed areas.

Given the remote nature of the hut it would require a helicopter to access the area. A plan was immediately implemented to fly two staff into the hut at first light and check and clear the grassed area around the hut. On the morning of Sunday 3rd November, the valley was fogged in but the pilot managed to find sufficient clear air to reach the hut by 8am. The staff found a couple had stayed in the hut the previous night and the log showed they were in the hut on the 2nd November and had left on the 3rd for the Cannibal Gorge Hut. This meant they were travelling through the aerial 1080 treatment area.

Planned route and destination from the facility	Main activity on this trip	Arrival and departure times	Comments
Came in from Marble Hill - Head out over head of valley into Cannibal Gorge out at Lewis Pass. Reached near the hut during a 1080 drop. Baits everywhere. Saw plenty of edging and recently dead rats along the way. A pair of Whio with 2 chicks in stream below hut.			

The two staff checked the immediate area and discovered baits around the hut and in another clearing close by. All baits found were removed into the bush at the correct buffer distance. The staff also found a couple of dead rats which were also removed from the clearing. No baits were found in or near the Pell Stream itself and the lines show that the two staff also checked the immediate bush area behind the hut while there.

The smaller of the two breaches at the eastern end of the exclusion was deemed as all in native bush so no search was conducted for that area. Only the one around the hut. A map of the response is attached to this report.

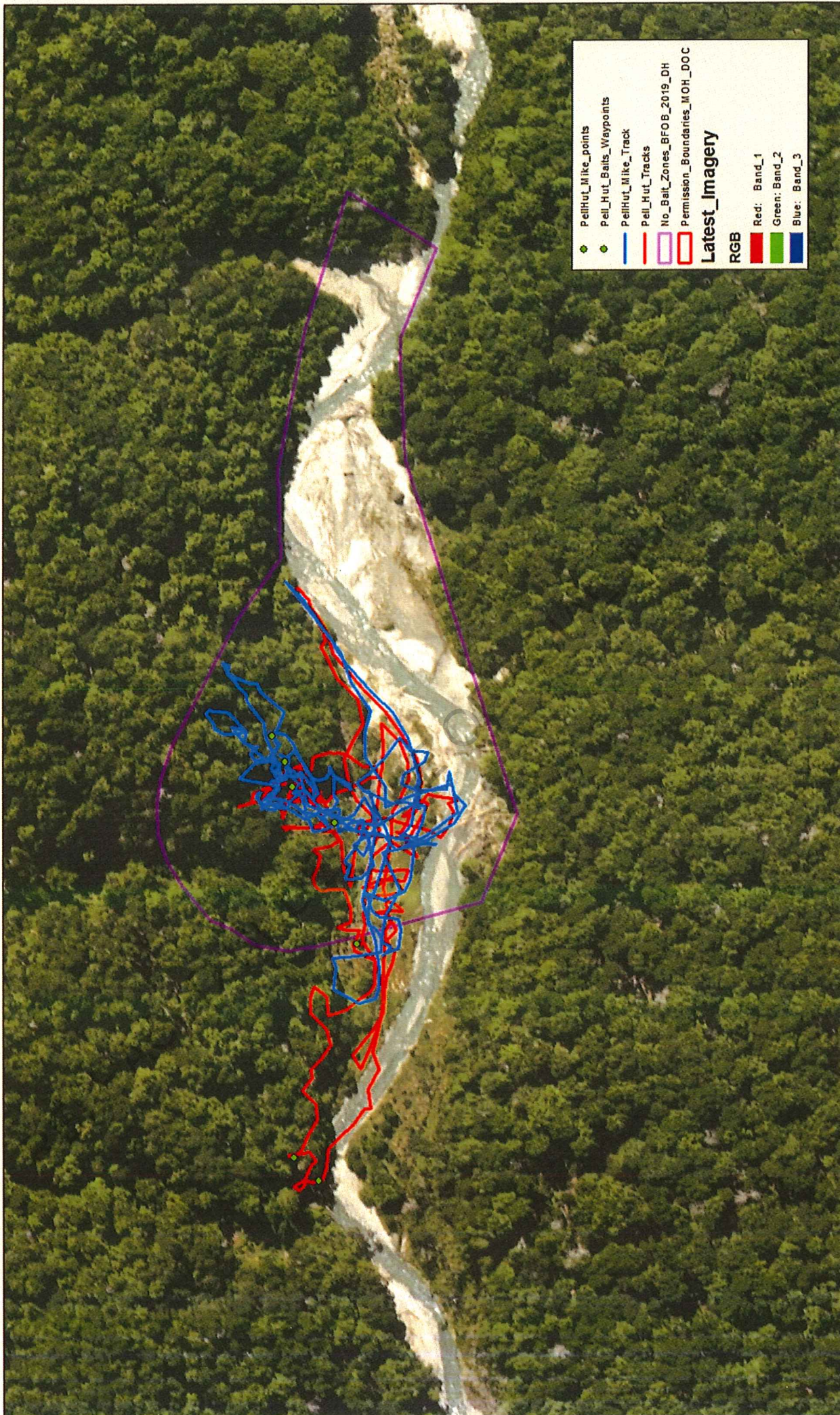
There was a total of xx baits found by the staff. The Greymouth Public Health were notified of the breach on Monday 4 November 2019 at 8.49am. Limited and poor cell phone coverage in the operational area.

There were no additional breaches of the VTA Approval other than this incident.

9(2)(a)



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 Produced by : dhaworth on 5/11/2019

Te Maruia Aerial 1080 Breach of VTA Approval Pell Hut

Kathleen Smitheram

From: Mona Andreas
Sent: Thursday, 7 November 2019 2:42 PM
To: HSincidents Mailbox
Cc: Cheryl Brunton
Subject: Te Maruia Permission Pell Hut Incident Report
Attachments: 1080IncidentReport191104Final.pdf

Please find the above attachment Te Maruia Pell Hut EPA incident report.
Thank you.

Kind regards
Mona Andreas
Health Protection Officer
Health Protection Team

Community & Public Health

A Division of the Canterbury District Health Board

3 Tarapuhi Street | PO Box 443 | Greymouth | 03 768 1160

9(2)(a)



Send email to: hsincidents@epa.govt.nz with "1080 Incident Report" in the subject line

1080 Reporting agency: Community and Public Health, Canterbury District Health Board

Report date: 05 November 2019

Contact person: Mona Andreas

Telephone: 9(2)(a) [REDACTED]
Mona.andreas@cdhb.health.nz

Email address:

Incident Summary

Date of incident: 02 November 2019

Operation name: Te Maruia Combined 0719 DOC Reissued EPA Code 19/1228/CB/GRYPH

Was the incident investigated? ☒ Yes ☐ No

Which agency carried out the investigation? DoC staff carried out initial investigation of incident, including checks for misapplied bait

What was the outcome of the investigation? See appendices.

Incident location: Pell hut in Te Marua operational area

Type of location:

☐ Private land ☒ Public land ☐ Loading area

Type of incident (more than one response may apply):

☐ Spill ☒ Misapplication ☐ Overfly

☐ Other (please state)

Amount of 1080 involved: 1.5 kg of cereal pellets consisting application rate of 2 to 3 kg/ha

Effects on people:

How many people became ill or were injured? None

How many people suffered serious harm (Health and Safety at Work Act 2015)? None

Describe the type of effects on people, extent and steps taken: N/A

Environmental effects (what was affected. More than one response may apply):

☐ Water ☐ Animals ☐ Land ☐
Air

Describe the type of effects, extent and steps taken: No effects

A hut exclusion zone was breached during Te Maruia Combined 071919/1228/CB/GRYPH operation. Pell hut was excluded as part of condition 10: Exclusion from public health areas. According to the operator's report and as it is reviled on the GIS data record Beck Helicopter Ltd operators breached the hut exclusion area on two occasions. To investigate the breach of Pell hut Darrell Haworth DOC Operational planer has organised two of his staff member two fly to the breached area (Pell hut) the next morning for research and removal of baits from the breached area. Derrell reported that they could not fly to the breached area the same day as he has received the breached report later in the evening on the 2 November 2019. Thereby the next morning 3rd of November 2019 the two DOC staff flew to the Pell hut, they carried out search and found baits and dead rats around the hut. All baits and dead rates found were removed into the bush at the correct buffer distance as reported by the operator. The tow DOC staff found a couple had stayed at Pell hut the previous night and the log showed they were in the hut on the 2nd November and had left on the 3rd for the Cannibal Gorge Hut. This meant they were travelling through the aerial 1080 treatment area. No information or contact details for the couple that have stayed at the Pell hut except for their first name.

Other effects:

☒ Road closure ☐ Evacuation of building(s) ☐ Other (please state)

Describe the type of effects, extent and steps taken:

What happened (Give a brief account of the events which resulted in the incident)?

A west coast health protection officer (HPO) Amelia Haskell was contacted by VTA operator 9(2)(a) 8.45 am 4 November 2019. The operator has advised that Te Maruia toxic operation is complete but they had a couple of issues with the helicopter operators not paying sufficient attention to detail thereby a breach of conditions occurred.

A hut exclusion zone was breached – the next morning after the occurrence of the hut breach operator carried out clearance around the hut.

However the operator informed that some trampers had gone in passing track closure signs, stayed there, but full awareness of operation was shown in hut logs, noted dead rats and baits but not upset seemingly. No baits remaining are likely as already on the day of operation dead rats everywhere.

Doc treatment areas boundary was breached marginally for a water intake exclusion but not CPH condition.

The operator will send full details report including flight logs, GIS and remedial actions.

Mona Andreas HPO and contact person received a further report by email at 12:11 on 05 November 2019 from 9(2)(a) with a map attached (see Appendix).

Summary of causes: Doc personal 9(2)(a) reported that the two helicopter operators from Beck helicopters Ltd were provided with a no bait on the GIS shape files they were

supplied with. *"It is apparent that the pilots could see this as a void on their Tracmap system as they had largely avoided the balance of the exclusion and a flight treatment clearly indicates a parallel sow was conducted around the exclusion zone."*

Lessons learned: The operator has informed HPO that they will not be using those helicopter operator again. Based on the information provided by the operator. A couple had stayed in the Pell hut on the 2 November 2019 which means the couples had travelled via the Aerial 1080 operational area ignoring track closure and warning information signs. The couple did not leave their contact details to get hold of them so harder to contact them as yet.

Apart from the above couple's issues I am satisfied that, although a breach of permission has occurred (bait has been misapplied in hut exclusion zone) that there has been no significant risk to public health and that the actions taken by the operator (DoC) staff have mitigated any risk that might have existed.

On the contrary, the operator (DOC) has reported the incident to CPH on the 04 November 2019 due to bad cell phone coverage while working in the field. This is technically a breach of permission (condition 5) due to the reporting time frame. Therefore the operator (DOC) will receive a warning letter for not reporting the incident within the 24 hours incident report time frame.

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Planned route and destination from this facility	Main activity on the trip	Arrival hut pass number	Comments
<p>Came in from Mantle Hill - Heed out over head of valley into Cannibal Gorge out at Lewis Pass. Beautiful weather Walked in during a 1080 drop. Baits everywhere. Saw plenty of edging and recently dead rats along the way. A pair of White with 2 chicks in stream below hut.</p>			

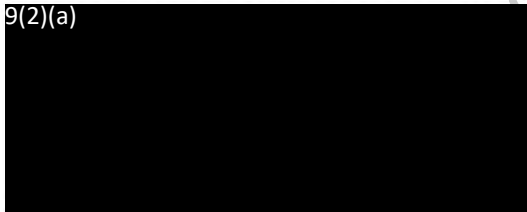
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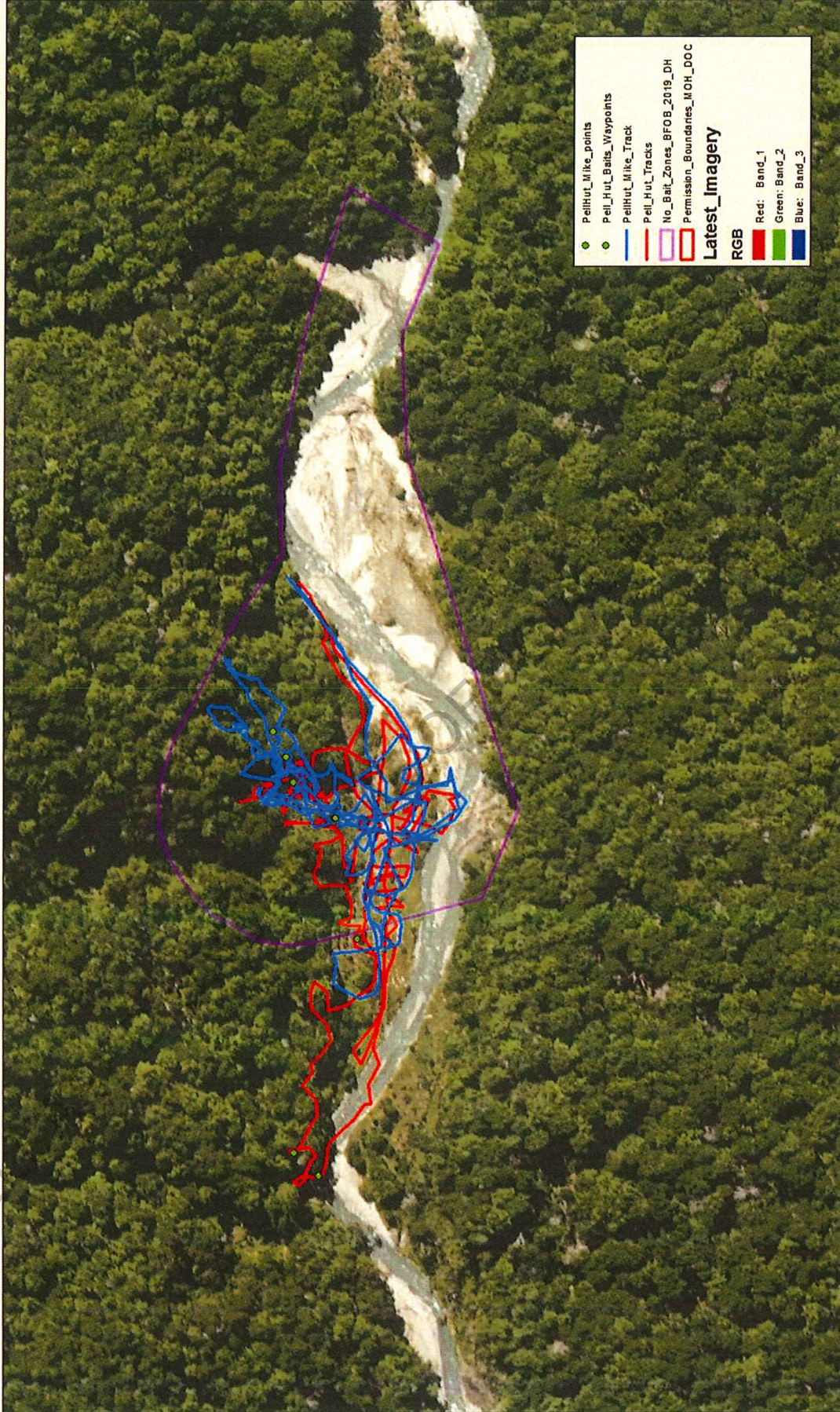
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There was a total of xx baits found by the staff. The Greymouth Public Health were notified of the breach on Monday 4 November 2019 at 8.49am. Limited and poor cell phone coverage in the operational area.

There were no additional breaches of the VTA Approval other than this incident.

9(2)(a)





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NZTopo. © Crown
Produced by : dshaworth on 5/11/2019



Te Maruia Aerial 1080 Breach of VTA Approval Pell Hut

File path: O:\GIS_Users\Greyhound\GIS\Breach\Breach_VTA\Operations_Greyhound\TeMaruia_2019_20_BFOB\BFOB_2019_20.mxd

Kathleen Smitheram

From: Cheryl Brunton
Sent: Monday, 9 December 2019 3:18 PM
To: 9(2)(a)
Cc: Mona Andreas; Gail McLauchlan
Subject: 1080 misapplication incident during the Te Marua aerial operation
Attachments: ResponseEPAQuestionsKY191209.docx; MOHApplication190515.doc; RiskAssessmentForm190524.docx; TeMaruiaMap190515.jpg; CommunicationPlan190515.xlsx; ConsultationFactSheet190515.docx; IwiNotification190515.docx; Te_Maruia_PHP_Map3A.jpg; Te_Maruia_PHP_Map3B.jpg

Dear 9(2)(a)

Please find the responses to your inquiries under each point in the attached document. I have also attached, as requested, a copy of the original application by the operator for PHU permission for the Te Maruia operation (including original maps, consultation fact sheet, communication plan and iwi notification) and a copy of the risk assessment of the application. I apologise that we were not able to get you this information by the date you requested as a key staff member has been on sick leave.

I note your reference to s103A of the HSNO Act in your email. As I have previously advised your colleague 9(2)(a) 9(2)(a) I don't think s103A(3) applies to your request for information as 103A covers Powers of entry for inspection relating to hazardous substances. If you came to our offices it might apply, though I am not entirely sure that our offices would meet the definition of relevant premises in 103A(10) which is:

Relevant premises means premises where hazardous substances are located or that are used or are likely to be used for activities related to the manufacture, import, or supply of hazardous substances, including the keeping of documents related to those activities.

We have requested that the Ministry seek clarification on this point, and you may like to do so as well.

In the meantime, it really isn't necessary for you to refer to the Act when requesting information from us in relation to your investigations. We are happy to assist a fellow enforcement agency with all reasonable requests for information as we are able

Regards, Cheryl

Dr Cheryl Brunton
Medical Officer of Health, West Coast/Āpiha Hauora o te Hauora, Te Tai ō Poutini
Community and Public Health/Te Mana Ora
PO Box 443
3 Tarapuhi Street
Greymouth/Māwhera

Phone 03 768 1160
Email cheryl.brunton@cdhb.health.nz

From: 9(2)(a)@epa.govt.nz
Sent: Friday, 29 November 2019 4:21 PM
To: Gail McLauchlan <Gail.McLauchlan@cdhb.health.nz>

Cc: Cheryl Brunton <Cheryl.Brunton@cdhb.health.nz>; Mona Andreas <Mona.Andreas@cdhb.health.nz>

Subject: RE: Phone discussion Re: 1080 misapplication incident during the Te Marua aerial operation

Good afternoon Gail

Further to the below emails exchanged with Mona Andreas (HPO-CDHB), I'm sending the following information request for your consideration and response please.

Providing the requested documents and your answers to the below listed questions is highly appreciated and will assist me in my investigation of the 1080 misapplication occurred during the Te Marua operation held on 2 November 2019.

Questions:

1. Does this incident breach any conditions of the PHU permission 19/1228/CB/GRYPH issued for the Te Marua operation? If yes, please explain.
2. If this incidents breaches any of the conditions of the PHU permission, what action are you taking?
3. Was this aerial 1080 operation field or desk audited by a HSNO enforcement officer from this PHU? If yes, please provide a copy of the auditing report.
4. What records (if any) does this PHU have of any previous non-compliances by the operator with PHU permissions' conditions?
5. Did you follow up with the trampers who stayed at the Pell Stream hut on the night of the operation, to check on their health?
6. Do you know if WorkSafe, Police, the Regional Council had been notified of this incident?
7. Have you (CDHB) had any dealings with the helicopter company (Beck Helicopters Ltd) before or after this incident? If yes, please provide some details.

Documents: Please send me a copy of:

1. The application made by the operator to obtain the PHU permission for the Te Marua operation?
2. Your risk assessment of the application

Please note that I'm requesting the above listed documents and information under Section 103A of the HSNO Act, and I've attached the evidence of my appointment as an enforcement officer.

Your response by COB Thursday 5/12/2019 is really appreciated

Thank you

9(2)(a)



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From: 9(2)(a)

Sent: Wednesday, 20 November 2019 1:16 PM

To: Mona Andreas <Mona.Andreas@cdhb.health.nz>

Cc: Gail McLauchlan <Gail.McLauchlan@cdhb.health.nz>; Cheryl Brunton <Cheryl.Brunton@cdhb.health.nz>; 9(2)(a)

9(2)(a) [REDACTED]@epa.govt.nz>

Subject: RE: Phone discussion Re: 1080 misapplication incident during the Te Marua aerial operation

Hi Mona

Thank you for your email

As discussed, I'm conducting an investigation into this 1080 misapplication incident and will need to speak to different parties, hence my phone call to you this morning.

I will email my questions to Gail McLauchlan next week, and would appreciate the PHU responses as soon as possible.

Thank you

9(2)(a) [REDACTED]



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From: Mona Andreas [<mailto:Mona.Andreas@cdhb.health.nz>]

Sent: Wednesday, 20 November 2019 12:59 PM

To: 9(2)(a) [REDACTED]@epa.govt.nz>

Cc: Gail McLauchlan <Gail.McLauchlan@cdhb.health.nz>; Cheryl Brunton <Cheryl.Brunton@cdhb.health.nz>

Subject: RE: Phone discussion Re: 1080 misapplication incident during the Te Marua aerial operation

Good afternoon 9(2)(a) [REDACTED]

It was great thanking to you earlier. As we have discussed earlier during our phone conversation.

I have discussed your request to interview me regarding the incident report I submitted to the EPA (instance of the bait misapplication during the Te Marua aerial 1080 application) with my manager and the Medical Officer of Health.

I am advised that you should submit your questions in writing by email to my manager, Gail McLauchlan (Gail.McLauchlan@cdhb.health.nz). You will receive a written response in due course.

Thank you very much.

Kind regards

Mona Andreas

Health Protection Officer

Health Protection Team

Community & Public Health

A Division of the Canterbury District Health Board

3 Tarapuhi Street | PO Box 443 | Greymouth | 03 768 1160

9(2)(a) [REDACTED]

-----Original Appointment-----

From: 9(2)(a) [REDACTED]@epa.govt.nz]

Sent: Wednesday, 20 November 2019 10:37 a.m.

To: Mona Andreas

Subject: Phone discussion Re: 1080 misapplication incident during the Te Marua aerial operation

When: Tuesday, 3 December 2019 11:00 a.m.-12:00 p.m. (UTC+12:00) Auckland, Wellington.

Where: **6.2, Kea, Seats 6

RELEASED UNDER THE OFFICIAL INFORMATION ACT

1080 misapplication incident during the Te Marua aerial operation

1. Does this incident breach any conditions of the PHU permission 19/1228/CB/GRYPH issued for the Te Marua operation? If yes, please explain.

Yes, it does. As noted in our incident report to the EPA, there were two breaches of permission:

- 1.1 Bait was applied in a hut exclusion zone, breaching Condition 10 of permission 19/1228/CB/GRYPH *"No Vertebrate Toxic Agent (VTA) shall be ground applied within 20 metres, by trickle bucket within 40 metres or aially applied within 60 metres of, and not where it is within sight of, the following access points and public areas"*. Pell Stream Hut, where the incident occurred, was listed under this condition and the operator reported to us that there had been an area of oversow which may have resulted in baits being applied within 60 metres of the hut.
- 1.2 The operator also breached Condition 4, *"All incidents or complaints relating to the operation shall be reported to the Health Protection Officer at Community & Public Health (West Coast) within 24 hours of the incident or complaint"*. Community and Public Health was first notified by the operator on the morning of 4th November 2019, though the incident occurred on the 2nd November, so more than 24 hours had elapsed. However, taking into account that the operator had advised us as soon as he was able to (because poor cellphone coverage in the operational area had prevented him making contact before that), we regard this breach as a technical one.

2. If this incident breaches any of the conditions of the PHU permission, what action are you taking?

In the case of 1.1 above (bait misapplication) the operator will receive a formal warning letter. This letter will also note that as per 1.2 above (failure to notify incident within 24 hours) a technical breach occurred but that no further action will be taken. This was noted in our EPA report, though our intention to issue a formal warning for the substantive breach was inadvertently omitted when editing the report.

3. Was this aerial 1080 operation field or desk audited by a HSNO enforcement officer from this PHU? If yes, please provide a copy of the auditing report.

This operation was not subject to field audit. It is the practice at Community and Public Health that all VTA operations (including aerial 1080) are desk-top audited by a HSNO enforcement officer. The audit is opened at the time the application is received and closed when the operation is finished. As such, the desktop audit record for this operation is not yet completed.

4. What records (if any) does this PHU have of any previous non-compliances by the operator with PHU permissions' conditions?

DOC carry out many aerial 1080 operations on the West Coast but these are co-ordinated by different DOC staff depending on the region of the West Coast involved in the operation. To search our records for any breaches of permissions issued to DOC would be very time-consuming.

However, we have specifically checked our records for permissions issued in the last five years (2014-2019) to Darrell Howarth, the named applicant on behalf of DOC for this operation. In that time, there has been only one incident of possible breach of permission (Te Maruia North 16/978/GRYPH/CB) where misapplication of baits occurred. Investigation of the incident found that although baits had been applied outside the operational boundary set by DOC, they were within the boundaries of both the public health permission and the resource consent issued for the operation, so no breach of permission occurred. This incident involved a different helicopter company from the present one and was reported to the EPA by Darrell Howarth and Community and Public Health at the time.

5. Did you follow up with the trampers who stayed at the Pell Stream hut on the night of the operation, to check on their health?

No we were not able to do so. As noted in our incident report to the EPA, the trampers did not leave any contact details. Our Health Protection Officer, Mona Andreas, did check with DOC to see what details had been left in the hut book but these were only their names and an address of "Christchurch" so contacting the trampers was not possible. It is our usual practice to interview such witnesses if we are able.

6. Do you know if WorkSafe, Police, the Regional Council had been notified of this incident?

No. We would not normally check to see if any other agency had been notified of the incident. Notification of any other appropriate agency/agencies is the responsibility of the operator. We notified the incident to the EPA as we are required to do.

7. Have you (CDHB) had any dealings with the helicopter company (Beck Helicopters Ltd) before or after this incident? If yes, please provide some details.

No, not that we are aware of. Please note that we deal with primary applicants in respect of applications for, and issuing of public health permissions, not subcontractors such as helicopter companies.

APPLICATION FOR A HEALTH PERMISSION FOR THE USE OF VERTEBRATE TOXIC AGENT(S) (VTAs) AND OTHER HAZARDOUS SUBSTANCE(S)

Hazardous Substances and New Organisms Act 1996 (HSNO)

This application is to be used when applying for a Health permission to use a vertebrate toxic agent or any other **hazardous substance**¹ approved under the HSNO Act, for which a Health permission is required under section 95A of the HSNO Act.

A Health permission is issued by a person acting under powers delegated by the Environmental Protection Authority ("the delegated person").s

Guidance

The applicant is required to provide information to assess possible exposure pathways to enable HSNO enforcement officers to assess public health risk. The form has suggested prompts to ensure that potential routes of exposures are identified and subsequently public health risks are managed. Complete all of the sections. If a section is not relevant, return the section as part of the completed application form and write "not applicable" across it.

Prepared by: 9(2)(a)

Signature:

Date:

Return this application to the contact person below.

LOCAL PUBLIC HEALTH CONTACT:

¹ Hazardous substances requiring Health permissions refer to substances listed in Schedule 1 of the Environmental Protection Authority's Instrument of Delegation. These are: sodium fluoroacetate (1080), sodium cyanide, potassium cyanide, yellow phosphorous, 3-chloro-p-toluidine-hydrochloride, microencapsulated zinc phosphate paste, Advion® fire ant bait, Amdro® fire ant bait, Campaign® ant bait.

Guidance for Applicants

Hazardous Substances and New Organisms (HSNO) Act and Health and Safety at Work (HSW) (Hazardous Substances) Regulations 2017 Requirements for VTAs and Other Hazardous Substances

The requirements specified under the HSNO Act, its regulations, EPA notices, and approvals for hazardous substances granted under the HSNO Act and HSW (Hazardous Substances) Regulations are requirements which must be met. Where a Health permission for VTAs and other hazardous substances use is granted by a person acting under a delegation from the Authority, they may impose additional conditions to address local circumstances.

The current HSNO Approvals for hazardous substances can be found by searching the register on the Environmental Protection Authority (EPA) website, at:

<http://www.epa.govt.nz/search-databases/pages/controls-search.aspx>

Consultation Required in Managing Public Health Risk 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 HSNO enforcement officer that your consultation has met the requirements of ERMA New Zealand's (now EPA) Communication Guidelines for Aerial 1080 Operations before a permission can be issued.

The Communication Guidelines for Aerial 1080 Operations can be found on the EPA website at:

<http://old.epa.govt.nz/Publications/ERMA-1080-Guidelines.pdf>

Note:

- 1) You can provide copies of communication logs as evidence of consultation, rather than repeating this evidence in this application.
- 2) The evidence needs to be sufficient to satisfy the HSNO enforcement officer 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 in managing public health risk, discuss this with your local Public Health Unit (PHU).

Food Safety Considerations

The Ministry of Primary Industries (MPI) is the regulatory agency concerning food safety. Discuss with MPI if there are food safety risks relating to a particular substance that are not being adequately managed through the food safety system.

Other Relevant Legislation

It is the responsibility of the applicant to ensure compliance with all relevant legislation including, but not limited to, Food Act 2014, Animal Products Act 1999, Agriculture Compounds and Veterinary Medicines Act 1997, Resource Management Act 1991, Land Transport Act 1998, Biosecurity Act 1993, and the Conservation Act 1987.

APPLICATION FOR A HEALTH PERMISSION TO USE A VERTEBRATE TOXIC AGENT (VTA) AND OTHER HAZARDOUS SUBSTANCES

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

Explanatory Note: An application is submitted by a “person”, for example a corporation, company, incorporated societies, trusts, principal agency, contractor or subcontractor as well as named individual. It also includes the Crown (e.g. the Department of Conservation). An applicant for a Health permission does not need to hold a Controlled Substance Licence (CSL). Note that you must be a CSL holder to be able to possess Vertebrate Toxic Agents (VTAs) as required under the Health and Safety at Work (Hazardous Substances) Regulations 2017.

Note: Complete Section D if field operations are to be subcontracted to another individual/organisation.

Full Name of Applicant: (This is the ‘person’ to whom the permission will be issued)	Department of Conservation – Greymouth Area Office		
Contact Person (if applicable):	9(2)(a)		
Applicant Contact Details: (Physical and postal address, telephone, cell phone, fax, e-mail)	17 High Street PO Box 370 Greymouth 9(2)(a)		
Controlled Substances Licence/s (CSL) Provide CSL details of either the applicant, or at least one person employed by the applicant to undertake the operation:			
CSL No:	9(2)(a)		
Name on CSL:			
Expiry Date:	03.05.2021		
CSL covers VTA(s) relevant to application:	Sodium fluoroacetate		
Operational Period <i>Note: A Health permission will be issued to the applicant for a maximum period of 12 months. Where an operation extends past 12 months, the applicant must apply for a new permission.</i>			
Start date:	1 July 2019	Finish date:	1 March 2020
Operation			
Operation name:	Te Maruia		
Operation locality:	Lewis Pass - Springs Junction - Maruia		
Territorial local authority ²:	Buller District Council		
Total operation size (ha):	70, 330 ha		
Previous operations: If the applicant has carried out an earlier operation, provide date of operation and application identification code.	Lewis Pass aerial 2009 and 2012 [Unable to locate original application as these have been filed as historic documents]. Te Maruia – 2014 [14/805/GRYPH/CB AND 14/806/GRYPH/CB], 2016 [16/979/GRYPH/CB & 16/978/GRYPH/CB]		

² District council, city council or unitary authority

VTA or Hazardous Substance Information

VTA or Hazardous substance <i>Sodium fluoroacetate</i>	Strength <i>e.g. 475 g/kg</i> 0.15 g/kg	Form <i>Cereal pellet</i>	Application rate (for aerial operations) 1.5 kg/Ha	Purpose <i>Rodent control</i>																														
HSNO Approval Number (e.g. HSR002424):																																		
Start Date of Application: 1 July 2019			Last Date of Application: 1 December 2019																															
<p>Specify all application methods to be used for the hazardous substance:</p> <p>Treatment area size (ha): 70,330</p> <p>Methods to be used (tick applicable box):</p> <table border="0"> <thead> <tr> <th></th> <th>Yes</th> <th>No</th> <th></th> <th>Yes</th> <th>No</th> </tr> </thead> <tbody> <tr> <td>• Aerial</td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td>• Bait stations and bags:</td> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td>• Hand broadcast</td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td>State heights of bait stations/bags:</td> <td></td> <td></td> </tr> <tr> <td>• Turf spits/direct to ground</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td>Types of bait stations/bags used:</td> <td></td> <td></td> </tr> <tr> <td>• Other control methods:</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p>Describe briefly below:</p>						Yes	No		Yes	No	• Aerial	<input checked="" type="checkbox"/>	<input type="checkbox"/>	• Bait stations and bags:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	• Hand broadcast	<input checked="" type="checkbox"/>	<input type="checkbox"/>	State heights of bait stations/bags:			• Turf spits/direct to ground	<input type="checkbox"/>	<input type="checkbox"/>	Types of bait stations/bags used:			• Other control methods:	<input type="checkbox"/>	<input type="checkbox"/>			
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• Other control methods:	<input type="checkbox"/>	<input type="checkbox"/>																																

SECTIONS A TO M

Complete all relevant sections that apply to this application. Tick the "yes/no" or not applicable (N/A) boxes below. Ensure you return all sections with this application. If a section is not relevant, write "not applicable" across it.

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

Page No.	Section: Reference A to M	Information attached Tick applicable box			Office use only
General		YES	NO	N/A	
6	A Operational Maps/Lists	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8	B Community Consultation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9	C Consultation with Maori	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10	D Operation Delivered by Subcontractor	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
For Aerial 1080 operations: Does the consultation described in sections B & C meet the requirements of the Communication Guidelines for Aerial 1080 Operations?		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Excluded Areas					
11	E Drinking Water Supplies	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13	F Dwellings, Adjacent Landowners/Residents	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14	G Areas Easily Accessible or Used by the Public	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16	H Publicly Accessible Roads	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17	I Walking/Biking/Off-Road Tracks	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18	J Areas to be Inspected	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Risk Communication					
19	K Schools and Early Childhood Education Centres	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20	L Notifications	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21	M Notice Boards	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
For Aerial 1080 operations: Does the consultation described in sections F, K, L & M meet the requirements of the Communication Guidelines for Aerial 1080 Operations?		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SECTION A: OPERATIONAL MAPS/LISTS

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) (if no more than 10), clearly noting public and private land ownership.
- Operational maps (hardcopy or electronic) 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), and electronic shape file if the relevant public health unit has facilities to use these.
- **Include:**
 - total area of ground control _____ ha
 - total area of aerial control _____ ha
 - territorial local authority(s)
 - direction and distance to nearest town
- If using more than one hazardous substance, show on the map where each hazardous substance will be applied. The use of different colours or a colour code for different hazardous substances may help.
- **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 map (including any necessary changes) will be returned to you and form part of the Health permission conditions. A copy will be kept as a record by the public health unit (hard copy or electronically). The PHU may choose to produce their own maps to go with the Health permission. Check with the relevant PHU if unsure.
- **Identify** the following on your map(s) by using a colour code, a number code or similar:

REFER TO SECTIONS (letters in brackets refer to corresponding sections in form)

- | | |
|--------------------------------------------|---|
| • Community halls & churches | G |
| • Marae | G |
| • Drinking water catchments and intakes | E |
| • Dwellings, adjacent landowners/residents | F |

(Note: a list, including name and addresses, is acceptable if more than 10)

- | | |
|------------------------------------------------------------------------------------|---|
| • Huts, bivvies/shelters | G |
| • Camping sites and picnic areas | G |
| • Public roads and lay-bys | G |
| • Watercraft landing points | G |
| • Helicopter landing pads | G |
| • Popular swimming and fishing access points | G |
| • School bus shelters | G |
| • Historical/memorial tourist sites | G |
| • Urupa/cemeteries | G |
| • Recreational & amenity facilities (e.g. golf course, wedding or sporting venues) | G |
| • Other outdoor activities gathering sites (e.g. caving, orienteering etc.) | G |
| • Walking/biking/off-road tracks | I |
| • Schools and Early Childhood Education Centres | K |
| • Notice boards | M |

PHU: Operational maps attached and meet requirements (2 copies unless PHU advised otherwise)

☐ (For official use)

SECTION B: COMMUNITY CONSULTATION

Consultation is the process of extending a genuine invitation to interested and affected parties to express their views, and provides a means of addressing their concerns.

Do you expect any public concern about this operation?

Yes ☒

No ☐

If yes, describe the nature of the concern:

There is opposition to the use of aerially applied toxin both at a local level in the valley as well as across the broad regional community and from a national perspective actively on social media.

If no, on what is this assessment based?

What is the source of your information?

Consultation and knowledge of social media outlet information.

Consultation with Community Groups

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

Name the individuals/groups consulted:

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?

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

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.

Aerial 1080 Operations

You must provide sufficient evidence to demonstrate that consultation in managing public health risk prior to aerial 1080 operations have met the requirements of ERMA NZ's (now EPA) 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 (now EPA) 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:

SECTION C: 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, mahinga kai, and other taonga".

List Maori groups (iwi/hapu/marae/whanau) and individuals did you consult with in relation to this application?		
Ngati waewae		
Identify what, if any, concerns these individuals and groups identified: Ngati Waewae fully supports this operation How are you planning to avoid, mitigate or remedy any adverse effects identified by these individuals/groups? Have you marked any Marae inside, or within 3km (aerial) or 200m (ground) of the operational area on your Section A map? N/A Attach evidence of the consultation (correspondence, minutes of meetings, record of phone calls, etc): Email attached <i>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.</i>		
Aerial 1080 Operations You must provide sufficient evidence to demonstrate that consultation in managing public health risk prior to aerial 1080 operations have met the requirements of ERMA NZ's (now EPA) 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 (now EPA) Communication Guidelines for Aerial 1080 Operations?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
If you have not followed these guidelines, please explain in detail your justification for not meeting these requirements:		

SECTION D: OPERATION DELIVERED BY SUBCONTRACTOR

Full name of subcontractor: Company (legal entity title) /Organisation:	Controlled Substance Licence #: Date of Expiry: Does the licence cover the hazardous substance they intend to use? Yes <input type="checkbox"/> No <input type="checkbox"/>								
List the work experience the subcontractor has with the hazardous substances to be used:									
Contact details of the subcontractor (address, postal address, telephone, cell phone, facsimile, e-mail):									
Signature of applicant: _____									
Chain of responsibility – Complete as applicable to this operation Note: 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 hazardous substances. Any subcontracting arrangements must be documented. Example: <table border="0"> <tr> <td><u>Agency/Authority</u></td> <td><u>Area of Responsibility</u></td> </tr> <tr> <td>Principal Agency (TBFree/OSPRI, DoC)</td> <td>e.g. Control of Bovine TB, Conservation, etc.</td> </tr> <tr> <td>Contractor (Local Authority)</td> <td>e.g. Contracted by TBFree/OSPRI</td> </tr> <tr> <td>Subcontractor (Name of approved operator)</td> <td>e.g. Field operations</td> </tr> </table>		<u>Agency/Authority</u>	<u>Area of Responsibility</u>	Principal Agency (TBFree/OSPRI, DoC)	e.g. Control of Bovine TB, Conservation, etc.	Contractor (Local Authority)	e.g. Contracted by TBFree/OSPRI	Subcontractor (Name of approved operator)	e.g. Field operations
<u>Agency/Authority</u>	<u>Area of Responsibility</u>								
Principal Agency (TBFree/OSPRI, DoC)	e.g. Control of Bovine TB, Conservation, etc.								
Contractor (Local Authority)	e.g. Contracted by TBFree/OSPRI								
Subcontractor (Name of approved operator)	e.g. Field operations								
Agency/Authority	Area of Responsibility								
Principal Agency									
Contractor:									
Subcontractor:									
Have you attached a copy of the documentation confirming subcontracting arrangements?	<input type="checkbox"/> Yes <input type="checkbox"/> No								

PHU: Documentation showing subcontracting arrangements attached.
☐ (For official use)

SECTION E: DRINKING WATER SUPPLIES

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

A **drinking water supply**³ includes the 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. The nature and size of water supplies can vary significantly from large networked supplies through to smaller individual supplies serving a varying number of people.

Drinking water supplies may include schools, early childhood education centres, community halls, Marae, publically accessible huts/shelters, camping sites, cities/towns/villages, individual households, etc.

Information on many drinking water supplies in your proposed area of operation can be found from the Drinking-water Register for New Zealand: <http://www.esr.cri.nz/water-science/our-services/drinking-water/register-of-suppliers/>; local authority water abstraction consent information, online district maps, and other of information.

Note: Map References

Provide topographical NZMS grid references below. Provide references for all water supply intakes you have marked on your attached operational map (Section A). All locations shall be obtained using at least a GPS unit set up for use in New Zealand and using projection NZTM 2000 (New Zealand Transverse Mercator).

Locations of intakes of drinking water for hazardous substance operations:

Aerial 1080 Operations	
List drinking water supply intakes within the operational area or within 3 kilometres of the boundary of the operational area for where the source water has arisen within the operational area (add new entries for each supply as required):	

- Due to the high number of water supplies associated with this operation, the listings have all been complied to a single spreadsheet with ground and aerial information required included. This was spoken about with local officers who approved this approach at the West Coast office.

Are all listed drinking water supply intakes marked on the topographical map (Section A)?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Have you physically inspected all drinking water supply intake locations with the owner/drinking water supplier to ensure that location of the supply as detailed in this application form is correct?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No

Note: For all other non VTA aerial and ground hazardous substances covered by this application form, it is at the discretion of the HSNO enforcement officer what appropriate exclusion distance is to be set. The distance will depend on the officer's risk assessment.

³ This broad definition allows for the identification of drinking water supplies covered by the proposed operation.

SECTION F: DWELLINGS, ADJACENT LANDOWNERS/RESIDENTS

Have you attached an up-to-date list (or identified on the Section A map if no more than 10 in total of each) of all dwellings, adjacent landowners/residents associated with the operational area?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
Have you attached a copy of the information provided to dwellings inside the operational area, and adjacent landowners/residents of the operational area?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
<p>How will you ensure that VTA and /or other hazardous substance baits are not applied near occupied dwellings?</p> <p><i>All known dwellings are outside the treatment area for aerial and are excluded from the treatment area for ground control options. Any VTA will not be laid within 400m of any known dwelling along the areas indicated for ground control.</i></p>		
Have there been any public concerns raised from the consultation?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>
<p>If 'yes', how are you planning to mitigate this concern?</p> <p><i>The concerns raised are related to water supplies which have been mitigated by exclusion and distances to be set by the MOH. The treatment area will be amended to adhere to any increased distance required by the MOH.</i></p> <p><i>Other concerns are regarding hunting and deer. This cannot be mitigated other than advising of a no take practice until the area is deemed as no longer toxic. This will be measured by carcass cages and rain gauges covering alternate altitudes and changes to the local weather pattern [i.e. variants in average rainfall in differing catchments.]</i></p>		

PHU: List of all dwellings, adjacent landowners/residents provided or identified on map.

Copy of information provided attached.

☐ (For official use)

SECTION G: AREAS EASILY ACCESSIBLE OR USED BY THE PUBLIC

The intent of this section is to cover those places where the public may be gathered temporarily. Consider privately-used facilities as well – some of the organisations identified in Sections B and C may be relevant here.

Within the operational area, or within 150 m of the operational area, are there any:

• Huts, bivvies/shelters	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
• Camping sites	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
• Picnic areas	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
• Public roads and lay-bys	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
• Logging truck turn-around points	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
• Watercraft landing points	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
• Helicopter landing pads	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
• Popular swimming and fishing access points	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
• School bus shelters	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
• Historical/memorial/tourist sites	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
• Urupa/cemeteries	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
• Recreational & amenity facilities (e.g. golf course, wedding or sporting venues)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
• Other outdoor activities gathering sites (e.g. caving, orienteering etc.)	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
• Community churches/halls	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
• Marae	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No

If 'yes' to any above, list below and ensure they are clearly identified on Section A map(s):

- Manson Nicholl Memorial Hut [Removed – now a construction suite]
- Lake Stream Hut
- Wilderness lands Co 4x4 Hut -Private
- Thomsons Clearing Hut - Private
- Lake Christabel Hut
- Marble Hill Camp Ground
- Multiple unmarked laybys. Some are merely pull off points.
- Fishing access points: Numerous along Palmers Road. Marble Hill Camp Ground area.
- Helicopter Landing is by concession only at the DOC Huts

Give the source(s) of your information for the location of these features:

Local knowledge of the area.

Describe the baiting plans around these areas:

Huts and layby areas are to be excluded from treatment. Laybys on the northern side of the State Highway from the Maruia Thermal Resort to the St James Track car park are on extremely steep topography that negates access easily by public stopping there. It is highly unlikely they would enter the forest at these sites. For this reason I request that buffers applied here are closer than the usual 150m. The camping ground and picnic areas at marble Hill Camp Ground are excluded from the treatment area completely, including ground laid baits.

Manson Nicholl Memorial Hut has been removed to make way for A NEW HUT. Currently the new hut is not planned for completion until approx. February 2020. There is however a construction site there and the builders have requested a 50m buffer only so that rodent populations can be controlled in close proximity. There is only qa day shelter for public visitors until then. They may however still camp nearby. Helicopter landing sites are included at this hut and the Pell Stream Hut only.

Baiting strategy for the tracks and Station Creek Roads is to close these temporarily and sow and clear before re-opening.

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 or holiday periods (particularly think of tourists and children):

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

☒ **MODERATE USE**
(between 10 and 50 people per day)

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

List any areas to be closed to the public:

Loading Site in the Victoria Forest park. All tracks will be temporarily closed until bait has been cleared from the following tracks:

- Mt Haast Track
- Rough Creek Track
- Christabel Track
- Lake Daniell Track
- Lake Stream Track
- Alfred River 4x4 Track [this road is closed to vehicle traffic permanently]

Station Creek Roads will be temporarily closed to public access until all baits are clear

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

NIL

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

NIL

Give the source(s) of your information:

9(2)(a) [redacted] – Senior Ranger

Name of the person who provided the information: 9(2)(a) [redacted]

9(2)(a) [redacted]

Signature: _____

SECTION H: PUBLICLY ACCESSIBLE VEHICLE ROADS

The intent of this Section is to identify publicly accessible vehicle roads. Such roads include all formed public roads primarily for use by the public in licenced vehicles, but can also include other roads that are not identified by signage and/or barriers as not being open to the general public (a common example of this are private forestry roads coming off formed public roads that are not sign-posted and/or have barriers up advising of no public access).

List all publicly accessible roads used by the public within the area according the criteria listed to assess the level of use of the road:

HIGH USE (more than 50 vehicles per day)	MEDIUM USE (between 10 and 50 vehicles per day)	LOW USE (fewer than 10 vehicles per day)
State Highway 7 State Highway 55		Station Creek forestry roads Westbank Road Palmers Road

Give the source(s) of your information:

- Local knowledge - DOC

Name of the person who provided the information:

9(2)(a)

Senior Ranger DOC

9(2)(a)

Signature: _____

SECTION I: WALKING/BIKING/OFF-ROAD TRACKS

The intent of this Section is to identify walking/biking/off road tracks used by the public within the operational area according to the level of use. Such tracks include those that, although not "official" tracks on maps/signs and web-sites etc., are known to be often used by the public for walking/biking/off-road activities. Examples include unofficial river access tracks; tracks through private land to access DoC reserves, tracks through DoC reserves that otherwise have no officially identified tracks; historic forestry logging truck turn-around tracks where logs were loaded onto them, etc. It may also be appropriate to consult and/or notify schools in a wider area that are known to or are likely to use the area for recreation, education, camps, etc.

List all publicly accessible walking/biking/off-road tracks used by the public within the operational area (and identify on the operational map, Section A) according the criteria listed to assess the level of use of the walking/biking/off-road tracks:

HIGH USE <i>(more than 50 people per day)</i>	MEDIUM USE <i>(between 10 and 50 people per day)</i>	LOW USE <i>(fewer than 10 people per day)</i>
	Lake Daniell Track	Lake Stream Track Rough Creek Track Mount Haast Track Lake Christabel Track Alfred River 4x4 Track

Give the source(s) of your information:

Department of Conservation

Name of the person who provided the information: 9(2)(a) – Senior Ranger DOC

9(2)(a)

Signature: _____

SECTION J: AREAS TO BE INSPECTED

The intent of this section is to identify places where the use of VTAs and/or other hazardous substances may directly or indirectly harm human health.

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

Describe the control methods for this area:

SECTION K: SCHOOLS, EARLY CHILDHOOD EDUCATION CENTRES (including Te Kohanga Reo's, Kindergartens, Playcentres, etc.)

The intent of this section is to help to protect young children from the risk of contact with VTA and/or other hazardous substance. 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 hazardous substances in the area). It may also be appropriate to consult and/or notify schools in a wider area that are known to or are likely to use the area for recreation, educational purposes, camps, etc.

Explanatory Note - "Appropriate Distance"

This applies to the size of a buffer around an operational area in which schools and early childhood education centres (ECEC) may be found. Urban schools are likely to have pupils coming from shorter distances than those in rural areas. 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 ECEC located within an "appropriate distance" of the operational area:	
Name of educational facility:	Distance from operational area:
Maruia School	2.3km – Treatment Area 900m from Loading Site
Have you sent information, and requested feed-back for any concerns, to these schools and ECEC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Detail what, if any, concerns these schools and ECEC identified: Nil. All students have parents that have either been consulted with or are on farms where notification has been sent. The school will also include any relevant information in their local newsletter.	
How are you planning to avoid, mitigate or remedy any adverse effects identified by these schools and ECEC? Nothing to date has been identified by the principal of Maruia School	
Have you attached a copy of the information that will be supplied to these schools and ECEC: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

PHU: Copy of information provided attached.

☐ (For official use)

SECTION L: NOTIFICATIONS

Notification is required to ensure that the general public are aware of any VTA and/or other hazardous substance operation scheduled to take place to inform affected parties of times, dates, locations and other required operational matters. This takes place after a decision has been made on the poisoning operation and consultation is completed.

Hunting permits for Department of Conservation (DoC) (and many private forests) are required to carry a warning to hunters that poisoning is planned for certain localities.

The appropriate authorities (DoC, WorkSafe NZ, Regional and Local Councils or Forest Managers) must be notified in advance of the operation.

A record or list of names and 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.

Please list notifications made to the following agencies and groups:
<p>Local health/medical services/police:</p> <p>Please refer to Communications plan attached for full list of those to be notified in the two week notification process</p>
<p>Outdoor pursuit clubs/organisations such as: tramping, walking, biking, caving, rafting, boating, conservation, nature, mountain climbing, fishing, hunting, orienteering clubs and other organisations. Also public events, such as road races, BMX, triathlon, marathons, agricultural field days, A&P shows, dog trails, etc.:</p> <p>Refer to attached communication plan for details of all groups etc contacted</p>
<p>Any other known groups that are likely to have access to the area, eg beekeepers:</p> <p>No apiarists are currently using this area</p>
<p>Attach a copy of the information that will be supplied to groups and agencies.</p> <ul style="list-style-type: none"> Fact sheet

PHU: Copy of information provided attached.

☐ (For official use)

SECTION M: NOTICE BOARDS, PUBLIC INFORMATION CENTRES, KIOSKS, etc.

The intent of this section is to ensure that a clear message is given to people of the presence and danger of the VTA and/or other hazardous substance. Where foreign tourists are known to frequently visit an area, it may be useful to provide message in the appropriate language.

Explanatory Note - Signage controls are covered by the Health and Safety at Work (Hazardous Substances) Regulations 2017 and do not form part of this permission process.

Please list locations of notice boards, etc (or identify on operational map; Section A):

- Maruia Community Hall

Information panels posted at entry points for the following walking tracks [design of these is still pending by DOC publishing team but will be forwarded once confirmed]:

- St James Track Carpark
- Rough Creek track
- Lake Daniell Track
- Christable Track
- Mt Haast Track

Have you attached a copy of information with this application?

☐ Yes

☒ No

PHU: Copy of information provided attached.

☐ (For official use)

Protect our species

Te Maruia Waka Huia

[The Maruia Treasure Box]



Successful pest control over recent years

The Te Maruia Waka Huia programme began in 2009 with the aim of protecting and enhancing the biodiversity of the Maruia Valley which is threatened when mast beech seeding events result in high numbers of rats and stoats.

A pest control operation in 2016 was successful in reducing rats to very low numbers and these have remained at low numbers until recently.

Monitoring has shown that the pest control is working which contributed to positive results for kākārīki, kākā, tomtit, robin and rifleman in this area. Past monitoring also shows that the bat population in this area has stabilized as a result of ongoing pest control. Possum numbers have also remained low, which has resulted in good mistletoe flowering.

In combination with aerial operations, various trap networks are established in key areas of the Maruia valley which help keep predator numbers low in non-mast years. These traps are serviced regularly by a dedicated and enthusiastic group of local volunteers, supported by staff from the Greymouth DOC Office.

Outcome monitoring

DOC's monitoring for outcomes takes time and results are not always available in the season that the pest control takes place. The research is often very resource-intensive so not all species can be monitored in all places where pests are controlled. However, the results for species at one site generally hold true for other areas. For more monitoring results see:

<https://www.doc.govt.nz/nature/pests-and-threats/methods-of-control/1080/proof-that-1080-is-saving-our-species/>

2019 – The threat to species continues

This season an extra heavy flowering of all beech species combined with tussock and snow grass seeding around Maruia indicates a high likelihood of extensive seeding of beech trees (beech mast) later this summer, and this is likely to be on even larger scale than previous years. We will have a major pest problem on our hands and we need to plan for pest control to protect the biodiversity of the Maruia



Kākā. Photo: Jonathon Astin



Rock wren. Photo: Craig McKenzie

Te Maruia Waka Huia values

Where heavy seed fall occurs, we can expect predator numbers to soar. To be ready to protect native species at risk, DOC is planning predator control over approximately 65,000 hectares to protect, among others, the following native species:

- **Long-tailed bat/pekapeka:** The proposed operation protects current, known roost sites and areas where these rare bats have been recorded during recent monitoring. Predation by rats is the major threat to bats.
- **Yellowhead/mōhua:** Highly susceptible to stoat predation, these birds almost became locally extinct during the last rat plague. Independent reports suggest that it is possible a small remnant population still exists in the lower reaches of the Alfred River.
- **Blue duck/whio:** There are a small number of whio in the Maruia in Pell Stream. Predation by stoats on nesting females is a major contributor to the low population in the area.
- **Rock wren/tuke:** There is a known population of rock wren in the head of One Mile Creek, south of State Highway 7. Rock wren are incredibly vulnerable to predators because they are ground nesting and poor fliers.
- **Parakeet/kākāriki:** There is a good number of yellow-crowned parakeets found throughout the area, with small but increasing flocks seen through the summer months in Lake Daniell and surrounds.
- **Powelliphanta “Matakitaki”:** Mount Baldy is likely to be the only place this particular giant land snail survives. Snails are at a high risk of predation by rats and possums and because the site is so small and remote, it’s likely that without protection, they could disappear entirely.
- **South Island kākā:** Because they nest during the beech flowering season, rather than over the peak predator period of the beech cycle, kaka chicks are less vulnerable than those of other forest birds. However, because the beneficial effects of this operation are expected to last for 2-3 years, they may well stretch over the next breeding season and provide protection for females and chicks on nests. This year, throughout the treatment area and even outside, kākā have been encountered regularly over a large range.



Whio. Photo: Herb Christophers

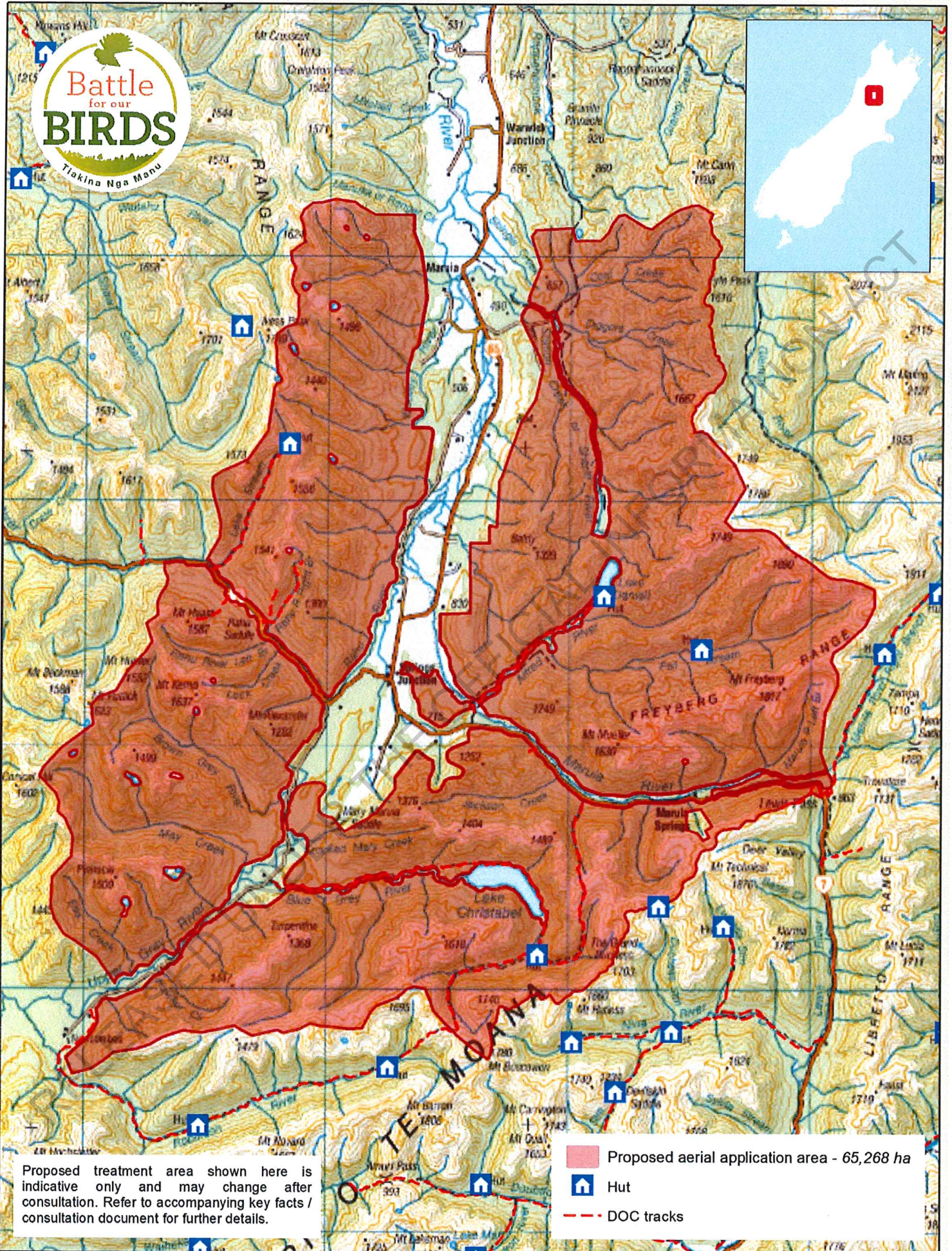


Long-tailed bat. Photo: Natasha Deck

In for the long haul – Landsborough success.

Research shows there are positive results for many native birds from predator control. For example, a 20-year study in the Landsborough valley in South Westland has recorded a doubling of native birdlife after valley-wide trapping and six aerial 1080 operations over that time.

See further details on: www.doc.govt.nz



5 km
 Scale at A4 = 1:200,000
 NZOD 2000 New Zealand Transverse Mercator
 Not for navigation
 Crown Copyright Reserved
 Basemap : LINZ Topo250 / 50
 DOC, Geospatial Services
 8/01/2019



Te Maruia
 Aerial Predator Control 2018
 Proposed aerial application area: 65,268 ha



Department of
 Conservation
 Te Papa Atawhai
 New Zealand Government

A range of pest control methods will be used including traps and toxins

Aerial application of 1080 bait is the most cost-effective predator control method to cover large areas. It is the only viable method in remote or rugged terrain. In more accessible areas, traps or bait stations will be laid, depending on the density of pest populations. High predator numbers can overwhelm trapping networks in some areas. In those cases, aerial 1080 pest control will supplement existing trapping.

Aerial 1080 pest control will target rats, but stoats will also be killed through eating poisoned rodent carcasses. Operations begin with an aerial pre-feed of non-toxic baits to encourage rats to eat the 1080 baits that are applied later.

Time frame

Operations will be triggered as rodent populations reach monitored thresholds. Should rodent populations reach the trigger levels, the timing of this operation is planned to commence in July - August 2019 as weather windows allow.

Planning

Before operations begin, affected neighbours, community groups and other interested parties will be contacted. As well as the presence of warning signs in the area, advertisements will be placed in local newspapers. Use of 1080 requires the consent of the Environmental Protection Authority, and permission from the Ministry of Health. The process includes an assessment of environmental effects (AEE) to safeguard the public and the environment.

What you need to know

The Department of Conservation complies with all relevant regulations and takes a precautionary approach to the aerial application of pesticides.

- The 1080 cereal baits are about 2 cm long, cylinder-shaped and are dyed **green**.
- Non-toxic pre-feed cereal pellets are about 2 cm long, cylinder-shaped but are **fawn-coloured** (not dyed).

Managing Risk

Dogs are highly susceptible to 1080. The risk to dogs from poisoned carcasses will remain until carcass monitoring shows they have decomposed to a point this risk is no longer present and all signs have been removed from the area.

Take a precautionary approach.

Risks can be eliminated by following these simple rules:

- DO NOT touch bait
- WATCH CHILDREN at all times
- DO NOT EAT animals from this area
- Poison baits or carcasses are DEADLY to DOGS - Keep dogs out of the treatment area until signs are removed

Observe these rules whenever you see warning signs about pesticides. Warning signs indicate pesticide residues may still be present in baits or animals. When signs are removed, this means you can resume normal activities in the area. If in doubt, check with your local DOC office.

More information

Department of Conservation
Māwhera Greymouth Office

9(2)(a) – Senior Ranger

Email: 9(2)(a) @doc.govt.nz

9(2)(a)

What to do if you suspect poisoning:

Contact emergency services: 111

National Poisons Centre: 0800 764 766

January 2019

Also see www.doc.govt.nz/battleforourbirds

11 March 2019

9(2)(a)

Te Runanga o Ngati Waewae

Kia Ora 9(2)(a)

RE: Maruia Valley Aerial 1080 Operation 2019

Through the spring of late 2018, heavy flowering on many beech species through the Maruia valley provided an indication that a mast event is highly likely to be experienced this autumn, where above normal levels of seed production are expected. Previous beech mast events have shown that this will trigger population increases of rats and mice, with an associated increase in stoat and weasel numbers in the Maruia Valley.

As a result, the Department of Conservation has initiated planning of a response to this potential threat in the Maruia Valley. This response will be in the form of a targeted aerial application of Sodium fluoroacetate [1080] to provide a rapid, broad scale knockdown of predator species before they can impact on our native species. As with past operations, any decision to undertake an aerial treatment is dependent on rodents reaching population thresholds that pose threats to native species. Recent monitoring in November 2018 has indicated that there is already a high population of rats in some areas at mid altitude in the forests of the Maruia meaning an operation is highly likely.

It is critical that local iwi is consulted to ensure that cultural concepts, values and practises are incorporated at the planning phase and that taonga are afforded the protection required. I therefore wish to seek feedback from Ngati Waewae around the proposed plan to aerial treat ecosystems in the Maruia valley with 1080 so that mitigation around issues can be addressed quickly and to the satisfaction of both parties.

Please find enclosed a fact sheet with an overview map showing the proposed treatment area. Should you wish me to engage face to face I am more than happy to do so. If you require any further information or wish to seek clarification on anything, please contact me directly.

Kind regards

9(2)(a)

Senior Ranger (Biodiversity)

9(2)(a)

RISK MANAGEMENT AND RISK COMMUNICATION: APPLICATION FOR A HEALTH PERMISSION FOR THE USE OF VERTEBRATE TOXIC AND OTHER HAZARDOUS SUBSTANCE(S)¹

Application: Ref # _____ (eg 17/1013/DW/TIMPH) Application Location: 70, 330ha in Springs Junction, Lewis Pass and Maruia

Conditions modified by Health and Safety at Work (Hazardous Substances) Regulation 2017 which came into force on 1 December 2017

(See Application of Model Permit Conditions for VTAs and other Hazardous Substances from MoH)

Model Condition	Required for this Application (Tick all that apply)	Any variation to Model Permit Condition (Yes/No)	Variation of Model Permit Condition	Rationale for inclusion/exclusion/modification of Model Permit Condition	Has appropriate consultation with relevant stakeholder undertaken? (Yes/No/NA) ²
Notifications					
1 Start date	✓	No	No variation		
2 Changes to permission	✓	No	No variation		
3 Warning sign removal	Removed				
4 Complaints and incidents	✓	No	No variation		
5 Duration of permission	✓	No	No variation		
6 Landowner notification Not required for aerial and ground 1080, and MZP paste except point (v) Required for cyanide, yellow phosphorus, DRC 1339, Aerial Campaign®, Amdro®, Advion®	✓	No	No variation		

¹ Hazardous substances refer to substances listed in Schedule 1 of the Environmental Protection Authority's Instrument of Delegation. These are: sodium fluoroacetate (1080), sodium cyanide, potassium cyanide, yellow phosphorous, 3-chloro-p-toluidine-hydrochloride, microencapsulated zinc phosphate paste, Advion® fire ant bait, Amdro® fire ant bait, Campaign® ant bait.

² NA means that the model condition does not apply to the consultation question.

Model Condition	Required for this Application (Tick all that apply)	Any variation to Model Permit Condition (Yes/No)	Variation of Model Permit Condition	Rationale for inclusion/exclusion/modification of Model Permit Condition	Has appropriate consultation with relevant stakeholder undertaken? (Yes/No/NA) ²
7 School notification	✓	No	No variation	<ul style="list-style-type: none"> Maruia School 	Applicant advice that All students have parents that have either been consulted with or are on farms where notification has been sent. The school will also include any relevant information in their local newsletter.
8 Health services notification	✓	No	No Variation		
9 Public notification ³ Not required for aerial and ground 1080, and MZP paste except point (v) Required for cyanide, yellow phosphorus, DRC 1339, Aerial Campaign®; Amdro®; Advion®	✓	No	No Variation	<ul style="list-style-type: none"> The Westport News The West Coast Messenger 	
Accidental direct exposure to VTAs					

³ This is a legal requirement (see Additional Control 11 (under section 77A of the HSNO Act) of the reassessment decision on 1080) and is therefore not repeated in the Model Permit Conditions.

Model Condition	Required for this Application (Tick all that apply)	Any variation to Model Permit Condition (Yes/No)	Variation of Model Permit Condition	Rationale for inclusion/exclusion/modification of Model Permit Condition	Has appropriate consultation with relevant stakeholder undertaken? (Yes/No/NA) ²
10 Exclusion from public areas Required for all VTAs BUT remove signage requirement for aerial and ground 1080, cyanide, yellow phosphorus, DRD 1339, MZP paste	✓	No	No Variation	<ul style="list-style-type: none"> State Highway 7 State Highway 55 Station Creek forestry roads Westbank Road Palmers Road Any laybys and publicly accessible road entrances to 4WD or walking tracks	
11 Exclusion from walking and vehicle tracks	✓	No	No Variation	<ul style="list-style-type: none"> Lake Daniell Track Lake Stream Track Rough Creek Track Mount Haast Track Lake Christabel Track Alfred River 4x4 Track 	
12 Exclusion from roads	✓	No	No Variation	<ul style="list-style-type: none"> State Highway 7 State Highway 55 Any publicly accessible private roads within the operational area.	

Model Condition	Required for this Application (Tick all that apply)	Any variation to Model Permit Condition (Yes/No)	Variation of Model Permit Condition	Rationale for inclusion/exclusion/modification of Model Permit Condition	Has appropriate consultation with relevant stakeholder undertaken? (Yes/No/NA) ²
13 Exclusion from dwellings	✓	No	No Variation		All known dwellings are outside the treatment area for aerial and are excluded from the treatment area for ground control options. Any VTA will not be laid within 400m of any known dwelling along the areas indicated for ground control.
14 Exclusion from schools and early childhood centres	✓	No	No Variation		
15 Aerial exclusions	✓	No	No Variation	<ul style="list-style-type: none"> Lake Daniell 	Huts and layby areas are to be excluded from treatment. Laybys on the northern side of the State Highway from the Maruia Thermal Resort to the St James Track car park are on extremely steep topography that negates access easily by public stopping there.

Model Condition	Required for this Application (Tick all that apply)	Any variation to Model Permit Condition (Yes/No)	Variation of Model Permit Condition	Rationale for inclusion/exclusion/modification of Model Permit Condition	Has appropriate consultation with relevant stakeholder undertaken? (Yes/No/NA) ²
16 Aerial applications to tracks and first clearances	✓	No	No Variation	<ul style="list-style-type: none"> • Mt Haast Track • Rough Creek Track • Christabel Track • Lake Daniell Track • Lake Stream Track • Alfred River 4x4 Track [this road is closed to vehicle traffic permanently] <p>Station Creek Roads will be temporarily closed to public access until all baits are clear</p>	
17 Second clearances	✓	No	No Variation	<ul style="list-style-type: none"> • Lake Daniell Track • Alfred River 4x4 Track 	
18 GPS track logs	✓	No	No Variation		
19 Sign contents	Removed				
20 Sign maintenance					
21 Sign vandalism					
Contamination of water supplies					
22 Domestic water supply: notification	✓	No	No Variation	Standard condition	
23 Domestic water supply: location	✓	No	No Variation	Standard condition	
24 Domestic water supply: exclusions	✓	No	No Variation	Standard condition	
25 Domestic water supply: mitigation	✓	No	No Variation	Standard condition	
26 Water supply testing	✓	No	No Variation	Standard condition	
27 Public water supplies: notification	✓	No	No Variation	Standard condition	

Model Condition	Required for this Application (Tick all that apply)	Any variation to Model Permit Condition (Yes/No)	Variation of Model Permit Condition	Rationale for inclusion/exclusion/modification of Model Permit Condition	Has appropriate consultation with relevant stakeholder undertaken? (Yes/No/NA) ²
28 Public water supplies: location	✓	No	No Variation	Standard condition	
29 Public water supplies: exclusions	X		N/A		
30 Public water supplies: mitigation	✓	No	No Variation	Standard condition	
31 Water supply mitigation: reporting	✓	No	No Variation	Standard condition	
32 Water supply testing: reporting	✓	No	No Variation	Standard condition	
Additional Conditions to Address Operation-specific Risks					
33 Operator Log	✓	No	No Variation	Standard condition	
34 Trickle Bucket	✓	No	No Variation	Standard condition	
35 Etc.	X				
Reissue of revoked permission					
Unique identification code of revoked permission					
Operational difference between the two applications					
Changes to the risk					

Name: 9(2)(a)

Title: HSNO Enforcement Officer

Date: 24/05/2019

Peer reviewer:

Date:

Communication Plan for Te Maruia 1080 Aerial 2019

Prepared by: 9(2)(a) [REDACTED]

Date prepared:

Maintained by: 9(2)(a) [REDACTED]

Reviews of this plan are programmed for: <List dates>

Person in
control of the
field work: 9(2)(a) [REDACTED]

Version History

<i>Version</i>	<i>Date</i>	<i>Changes</i>
<i>Draft</i>		

Consultation Decision

Consultation will involve the need to consult on effects to identify potential effects and agree on mitigation measures as needed. Preliminary notification was provided where there was uncertainty around the operation progressing.

Consultation Objectives

Delete consultation objectives that do not apply to your operation and add any additional objectives.

Identifying who will be affected and in what way

Getting support for the operation from stakeholders

Developing understanding of the operation from stakeholders

Treatment boundaries are confirmed with adjoining landowners and occupiers

Agree on mitigation of effects where identified

Notification Objectives

Delete second notification objective if a twenty-four hour notice is not planned.

Ensuring target audiences know about the planned operation

Ensuring the most affected parties know when the operation is about to start

Keeping target audiences informed about the result and ongoing risks of the operation

Provide notification to interested parties who use the area recreationally

Background

Briefly describe why the project is being done

This operation has been required to control a rat irruption resulting from a beech mast event. The operation will provide secondary control of stoats as well.

Issues

<p><i>List of 'people' issues and opportunities, to inform your key messages and match to specific target audiences</i></p> <p><i>e.g.,</i></p> <p><i>Other conservation projects in the same area</i></p> <p><i>Treatment area is under Treaty Claim</i></p> <p><i>No previous contact with this person/group</i></p> <p><i>Existing 'landcare' community group</i></p>
<p>There is a vast number of absentee landowners. This provides difficulty in face to face consultation and as such will be restricted to consultation via mail /phone.</p>
<p>The use of aerially applied 1080 is guaranteed to polarise public opinion and it is anticipated that negative feedback will come from landowners and interested parties</p>

Pre-Operational Notification

Plan								Record			
Group	Name	Contact details	Email	Issues	Purpose of notification	How	Who's responsible	Target dates	Actual Date	Outcome	Reference
Label each target audience with a general group (e.g. landowner, recreation group, consent approver) to allow the plan to be sorted.	State the name of the individual or organisation	All address, phone, email contact details held. Name a contact person for organisations.		Match issue(s) from Introduction to each target audience. Use Alt+Enter between issues for the same audience.	Select which purpose(s) applies to each target audience, from: -Have requested not to be notified -To inform of what is going to be done and risk information -To confirm agreements made in consultation -To maintain relationships Use Alt+Enter between purposes for the same audience.	Select which method(s) you will use to notify each target audience: -Mailout -Fax -Email -Visit -Phone -N/A Use Alt+Enter between methods for the same audience.	Person tasked to complete notification, or N/A for audiences who requested not to be notified.	Use date format that allows sorting. State N/A for audiences who requested not to be notified.	Dates when actual communication took place	Any conditions agreed to or changes to operation; specify any outstanding issues	DME or file reference for documents used
	9(2)(a)						9(2)(a)				
Landowner					Notify of intention to consult for pending aerial operation.	Mail		31/01/2019	14/01/2019		
Landowner-adjointing					Notify of intention to consult for pending aerial operation.	Mail		31/01/2019	14/01/2019		
Landowner					Notify of intention to consult for pending aerial operation.	Mail		31/01/2019	14/01/2019		
Landowner-consent					Notify of intention to consult for pending aerial operation.	Mail		31/01/2019	14/01/2019		
Landowner-adjointing					Notify of intention to consult for pending aerial operation.	Mail		31/01/2019	14/01/2019		
Landowner-adjointing					Notify of intention to consult for pending aerial operation.	Mail		31/01/2019	14/01/2019		
Landowner-adjointing					Notify of intention to consult for pending aerial operation.	Mail		31/01/2019	14/01/2019		
Landowner-adjointing					Notify of intention to consult for pending aerial operation.	Mail		31/01/2019	14/01/2019		
Landowner					Notify of intention to consult for pending aerial operation.	Mail		31/01/2019	14/01/2019		
Landowner					Notify of intention to consult for pending aerial operation.	Mail		31/01/2019	14/01/2019		
Landowner-adjointing					Notify of intention to consult for pending aerial operation.	Mail		31/01/2019	14/01/2019		
Landowner-adjointing					Notify of intention to consult for pending aerial operation.	Mail		31/01/2019	14/01/2019		
Landowner-adjointing					Notify of intention to consult for pending aerial operation.	Mail		31/01/2019	14/01/2019		
Landowner					Notify of intention to consult for pending aerial operation.	Mail		31/01/2019	14/01/2019		
Other					Notify of intention to consult for pending aerial operation.	Mail		31/01/2019	14/01/2019		
Landowner-adjointing					Notify of intention to consult for pending aerial operation.	Mail		31/01/2019	14/01/2019		

Plan								Record			
Group	Name	Contact details	Email	Issues	Purpose of notification	How	Who's responsible	Target dates	Actual Date	Outcome	Reference
	9(2)(a)						9(2)(a)				
Landowner-adjoining					Notify of intention to consult for pending aerial operation.	Mail		31/01/2019	14/01/2019		
Other					Notify of intention to consult for pending aerial operation.	Mail		31/01/2019	14/01/2019		
Other					Notify of intention to consult for pending aerial operation.	Mail		31/01/2019	14/01/2019		
Landowner-adjoining					Notify of intention to consult for pending aerial operation.	Mail		31/01/2019	14/01/2019		
					Notify of intention to consult for pending aerial operation.	Mail		31/01/2019	14/01/2019		
					Notify of intention to consult for pending aerial operation.	Mail		31/01/2019	14/01/2019		
					Notify of intention to consult for pending aerial operation.	Mail		31/01/2019	14/01/2019		
					Notify of intention to consult for pending aerial operation.	Mail		31/01/2019	14/01/2019	Returned undeliverable	
					Notify of intention to consult for pending aerial operation.	Mail		31/01/2019	14/01/2019		
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Landowner-adjoining					Notify of intention to consult for pending aerial operation.	Mail		31/01/2019	14/01/2019	Returned undeliverable	
					Notify of intention to consult for pending aerial operation.	Mail		31/01/2019	14/01/2019		
Landowner					Notify of intention to consult for pending aerial operation.	Mail		31/01/2019	14/01/2019		
Landowner-adjoining					Notify of intention to consult for pending aerial operation.			31/01/2019	14/01/2019		

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Group	Name	Contact details	Email	Issues	Purpose of notification	How	Who's responsible	Target dates	Actual Date	Outcome	Reference
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Landowner-adjoining					Notify of intention to consult for pending aerial operation.	Mail		31/01/2019	14/01/2019		
					Notify of intention to consult for pending aerial operation.	Mail		31/01/2019	14/01/2019		
Landowner-adjoining					Notify of intention to consult for pending aerial operation.	Mail		31/01/2019	14/01/2019		
Landowner-adjoining					Notify of intention to consult for pending aerial operation.	Mail		31/01/2019	14/01/2019	returned undeliverable	
Landowner-adjoining					Notify of intention to consult for pending aerial operation.	Mail		31/01/2019	14/01/2019		
					Notify of intention to consult for pending aerial operation.	Mail		31/01/2019	14/01/2019	Returned undeliverable	
					Notify of intention to consult for pending aerial operation.	Mail		31/01/2019	14/01/2019		
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					Notify of intention to consult for pending aerial operation.	Mail		31/01/2019	14/01/2019		
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Landowner-adjoining					Notify of intention to consult for pending aerial operation.	Mail		31/01/2019	14/01/2019		
Landowner-adjoining					Notify of intention to consult for pending aerial operation.	Mail		31/01/2019	14/01/2019		
Landowner-consent					Notify of intention to consult for pending aerial operation.	Mail		31/01/2019	14/01/2019	Meeting held with 9(2)(a) board members 2nd March. Happy to treat right to bush edge as long a consultation with 9(2)(a) as grazier is maintained. Board was	

Plan								Record			
Group	Name	Contact details	Email	Issues	Purpose of notification	How	Who's responsible	Target dates	Actual Date	Outcome	Reference
	9(2)(a)						9(2)(a)				
Local government					Notify of intention to consult for pending aerial operation.	Email		31/01/2019	14/01/2019		
Landowner					Notify of intention to consult for pending aerial operation.	Mail		31/01/2019	14/01/2019		
Landowner					Notify of intention to consult for pending aerial operation.	Mail		31/01/2019	14/01/2019		
Landowner					Notify of intention to consult for pending aerial operation.	Mail		31/01/2019	14/01/2019		
Landowner					Notify of intention to consult for pending aerial operation.	Mail		31/01/2019	14/01/2019	Returned undeliverable	
Landowner					Notify of intention to consult for pending aerial operation.	Mail		31/01/2019	14/01/2019	Returned undeliverable	
Landowner					Notify of intention to consult for pending aerial operation.	Mail		31/01/2019	14/01/2019		
Concessionaire					Notify of intention to consult for pending aerial operation.			31/01/2019	14/01/2019		
Concessionaire					Notify of intention to consult for pending aerial operation.	Mail		31/01/2019	14/01/2019		
Concessionaire					Notify of intention to consult for pending aerial operation.	Mail		31/01/2019	14/01/2019		
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Group	Name	Contact details	Email	Issues	Purpose of notification	How	Who's responsible	Target dates	Actual Date	Outcome	Reference
Concessionaire	9(2)(a)				Notify of intention to consult for pending aerial operation.	Mail	9(2)(a)	31/01/2019	14/01/2019		
Concessionaire					Notify of intention to consult for pending aerial operation.	Mail		31/01/2019	14/01/2019		
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[illegible]

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Concessionaire					Notify of intention to consult for pending aerial operation.	Mail		31/01/2019	14/01/2019		

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Group	Name	Contact details	Email	Issues	Purpose of notification	How	Who's responsible	Target dates	Actual Date	Outcome	Reference
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Concessionaire					Notify of intention to consult for pending aerial operation.	Mail		31/01/2019	14/01/2019		
Concessionaire					Notify of intention to consult for pending aerial operation.	Mail		31/01/2019	14/01/2019		
Concessionaire					Notify of intention to consult for pending aerial operation.	Mail		31/01/2019	14/01/2019		
Concessionaire					Notify of intention to consult for pending aerial operation.	Mail		31/01/2019	14/01/2019		
Concessionaire					Notify of intention to consult for pending aerial operation.	Mail		31/01/2019	14/01/2019		
Concessionaire					Notify of intention to consult for pending aerial operation.	Mail		31/01/2019	14/01/2019		
Concessionaire					Notify of intention to consult for pending aerial operation.	Mail		31/01/2019	14/01/2019		
Concessionaire					Notify of intention to consult for pending aerial operation.	Mail		31/01/2019	14/01/2019		
Concessionaire					Notify of intention to consult for pending aerial operation.	Mail		31/01/2019	14/01/2019		
Concessionaire					Notify of intention to consult for pending aerial operation.	Mail		31/01/2019	14/01/2019		
Concessionaire					Notify of intention to consult for pending aerial operation.	Mail		31/01/2019	14/01/2019		
Concessionaire					Notify of intention to consult for pending aerial operation.	Mail		31/01/2019	14/01/2019		
Concessionaire					Notify of intention to consult for pending aerial operation.	Mail		31/01/2019	14/01/2019		
Concessionaire					Notify of intention to consult for pending aerial operation.	Mail		31/01/2019	14/01/2019		
Concessionaire					Notify of intention to consult for pending aerial operation.	Mail		31/01/2019	14/01/2019		

Plan								Record			
Group	Name	Contact details	Email	Issues	Purpose of notification	How	Who's responsible	Target dates	Actual Date	Outcome	Reference
Concessionaire	9(2)(a)				Notify of intention to consult for pending aerial operation.	Mail	9(2)(a)	31/01/2019	14/01/2019		
Concessionaire					Notify of intention to consult for pending aerial operation.	Mail		31/01/2019	14/01/2019		
Concessionaire					Notify of intention to consult for pending aerial operation.	Mail		31/01/2019	14/01/2019		
Concessionaire					Notify of intention to consult for pending aerial operation.	Mail		31/01/2019	14/01/2019		
Concessionaire					Notify of intention to consult for pending aerial operation.	Mail		31/01/2019	14/01/2019		
Concessionaire					Notify of intention to consult for pending aerial operation.	Mail		31/01/2019	14/01/2019		
Concessionaire					Notify of intention to consult for pending aerial operation.	Mail		31/01/2019	14/01/2019		
Concessionaire					Notify of intention to consult for pending aerial operation.	Mail		31/01/2019	14/01/2019		
Concessionaire					Notify of intention to consult for pending aerial operation.	Mail		31/01/2019	14/01/2019		
Concessionaire					Notify of intention to consult for pending aerial operation.	Mail		31/01/2019	14/01/2019		

Consultation on effects

Plan							Record				
Group	Name	Contact details	Purpose of consultation	How	Who's responsible	Target dates	Actual Dates	Outcomes	Consent conditions/	Map reference for landowner	Reference
Label each target audience with a general group (e.g. landowner, recreation group, consent approver) to allow the plan to be sorted.	State the name of the individual or organisation	All address, phone, email contact details held. Name a contact person for organisations.	Select which purpose(s) applies to each target audience, from: -Consultation not planned -What can we do about the effects of our plan on you? -Obtain their consent -Obtain their Section	Select which method(s) you will use to consult with each target audience, e.g.: -Visit -Working Group -Public Meeting -N/A Use Alt+Enter	Person tasked to complete consultation, or N/A for audiences where consultation is not planned.	Use format that allows sorting. State N/A for audiences where consultation is not planned. Use date format that allows sorting. State N/A for audiences	Dates when actual communication took place	Any changes to operation; specify any outstanding issues	Landowner/occupier consent conditions and any other agreements made	Add a reference to link each landowner consent to the relevant land parcel on the permission map	DME or file reference for documents used
Landowner-adjointing	9(2)(a)			Visit	9(2)(a)		31.3.2019	19.3.2019	No longer immediately adjoining boundary as the block at the landfill		
Landowner-adjointing				Visit			31.3.2019	19.3.2019	Boundary at NE corner is too close to water supply that feeds stock. Request to remove this corner from the operation.	Reconfigure operational boundary to reflect request. This has no major impact on	
Landowner-adjointing				Visit			31.3.2019	20.3.2019	Fencing boundary ok. No real stock issues as mostly on crop at proposed timing. Water supply currently dried up and may need to be shifted.	Maintain close contact nearer to toxic application and ensure water supply at that time is adequately mitigated as per	
Landowner-adjointing				Visit			31.3.2019	13.3.2019	Extend boundary offset to 120m. Currently map is at 150m offset so no	Setback of 200m from back boundary requested. Check	200m setback from farm boundary
Landowner-adjointing				Letter			31.3.2019	Letter sent 14.1.2019 - no reply to date			
				Letter			31.3.2019	Letter sent 14.1.2019 - no reply to date			

Plan						Record					
Group	Name	Contact details	Purpose of consultation	How	Who's responsible	Target dates	Actual Dates	Outcomes	Consent conditions/	Map reference for landowner	Reference
Landowner-adjointing	9(2)(a)		Discuss operation and mitigation effects	Visit	9(2)(a)	31.3.2019	2.3.2019 and 13.3.2019	First meeting with 9(2)(a) Second in relation to 9(2)(a) own blocks [3]. This includes land at the Landfill previously Brooker and the Western Block off the Westbank Road. Several actiuons. The gate at the road needs a new strainer to be able to lock the gate effectively. Fence may need repair but this is an onerous task as the	Replace strainer at front gate [Maybe Peter Brooker]. Discuss water supply on Westbank block with mangager 9(2)(a). Maintain a constant contact close to time in relation to Thomsons Clearing grazing. GPS Water Supply for MOH		
Landowner-consent			Discuss operation and mitigation effects	Letter		31.3.2019	emailed reply 20.1.2019	Refer also to Dunsinane below. 9(2)(a) as current leasee is moving on 1 June 2019. Offer to use property as loading site. This will need to be looked in to. Former paddock used is in crop but there may be alternatives. Also paddock may be	Send all required documents to 9(2)(a)		
Landowner-adjointing			Discuss operation and mitigation effects	Visit		31.3.2019	20.3.2019	No major issues. Concerns over closeness of potential boundary. Would like at least 200m setback.	2 x emetic delivered.		
Landowner-adjointing			Discuss operation and mitigation effects	Visit		31.3.2019	13.3.2019	New to 1080 Ops. Fully explained. No remaining questions following consult. There is an issue with a fence that may be a 50/50 fencing	Send copy of consult document and map of his boundary.		
Landowner-adjointing			Discuss operation and mitigation effects	Visit		31.3.2019	13.3.2019	New to 1080 Ops. Fully discussed. Stock do not have direct access to block [fences and a deep			
Landowner-adjointing			Discuss operation and mitigation effects	Visit		31.3.2019	14.3.2019	New to 1080 Ops. Opposed to 1080 but are happy with boundary offsets. Possible fence issues but the farm stock will be on crops July - August so should be	Fence checks. Emetic and muzzles for two dogs. 9(2) will source these and DOC will pay for them.		

Plan						Record					
Group	Name	Contact details	Purpose of consultation	How	Who's responsible	Target dates	Actual Dates	Outcomes	Consent conditions/	Map reference for landowner	Reference
Other	9(2)(a)		Discuss operation and mitigation effects	Visit	9(2)(a)		14.3.2019	up with 9(2)(a) provide overview. Consult with all managers carried out. Garth is happy with			
			Discuss operation and mitigation effects	Letter		31.3.2019	Letter sent 14.1.2019 - no reply to date				
			Discuss operation and mitigation effects	Letter		31.3.2019	Letter sent 14.1.2019 - no reply to date				
			Discuss operation and mitigation effects	Letter		31.3.2019	Letter sent 14.1.2019 - no reply to date				
			Discuss operation and mitigation effects	Letter		31.3.2019	Letter sent 14.1.2019 - no reply to date				
Landowner-adjoining			Discuss operation and mitigation effects	Letter		31.3.2019		Met 9(2)(a) on the Palmers Road 6.3.2019. Received			
			Discuss operation and mitigation effects	Letter		31.3.2019		Consult document received via mail. No issues.			
			Discuss operation and mitigation effects	Letter		31.3.2019	Letter sent 14.1.2019 - no reply to date				
Landowner-consent			Discuss operation and mitigation effects	Letter		31.3.2019	Letter sent 14.1.2019 - no reply to date				
Other			Discuss operation and mitigation effects	Visit		31.3.2019	6.3.2019	Discussed operation and the use of the PCL lease land for loading site. No issues with that. Concerns for	Maintain contact through flight stages.		
			Discuss operation and mitigation effects	Letter		31.3.2019	Letter sent 14.1.2019 - no reply to date				
			Discuss operation and mitigation effects	Letter		31.3.2019	Letter sent 14.1.2019 - no reply to date				
Landowner-adjoining			Discuss operation and mitigation effects	Letter		31.3.2019	Letter sent 14.1.2019 - no reply to date				
Landowner			Discuss operation and mitigation effects	Letter		31.3.2019	Letter sent 14.1.2019 - no reply to date				
Landowner-adjoining			Discuss operation and mitigation effects	Letter		31.3.2019	30.4.2019	Saw 9(2)(a) his property. He queried water supply buffer. This is at 550m. Requested consultation document			

Plan						Record					
Group	Name	Contact details	Purpose of consultation	How	Who's responsible	Target dates	Actual Dates	Outcomes	Consent conditions/	Map reference for landowner	Reference
Landowner-adjointing	9(2)(a)		Discuss operation and mitigation effects	Letter	9(2)(a)	31.3.2019	Letter sent 14.1.2019 - no reply to date				
Landowner-adjointing			Discuss operation and mitigation effects	Visit		31.3.2019	30.4.2019	9(2)(a) have just purchased. Concerns over water supply buffers. Current			
			Discuss operation and mitigation effects	Letter		31.3.2019	Letter sent 14.1.2019 - no reply to date				
Landowner-adjointing			Discuss operation and mitigation effects	Letter		31.3.2019	Letter sent 14.1.2019 - no reply to date				
Landowner-adjointing			Discuss operation and mitigation effects	Letter		31.3.2019	15.3.2019	Returned undeliverable. Land is co-owned by 9(2)(a)			
Landowner-adjointing			Discuss operation and mitigation effects	Letter		31.3.2019	28.1.209	Email received advising of address change. Keen to catch			
			Discuss operation and mitigation effects	Letter		31.3.2019		Mail returned undeliverable with no			
			Discuss operation and mitigation effects	Letter		31.3.2019	Letter sent 14.1.2019 - no reply to date				
			Discuss operation and mitigation effects	Letter		31.3.2019	Letter sent 14.1.2019 - no reply to date				
			Discuss operation and mitigation effects	Letter		31.3.2019	14.1.2019	Consult document received back. Do not	Nil.		
			Discuss operation and mitigation effects	Letter		31.3.2019	Letter sent 14.1.2019 - no reply to date				
			Discuss operation and mitigation effects	Letter		31.3.2019	Letter sent 14.1.2019 - no reply to date				
			Discuss operation and mitigation effects	Visit		31.3.2019	Letter sent 14.1.2019 - no reply to date				
			Discuss operation and mitigation effects	Visit		31.3.2019	14.3.2019	9(2)(a) is adamant he wants a 1km buffer. Does not believe that rats will be at a population as suggested. Has no faith in the science. This buffer would have no major impact as it is at a far corner, but will leave a rodent	This buffer will need to be discussed with 9(2)(a) as Ops. Manager responsible.		

Plan						Record						
Group	Name	Contact details	Purpose of consultation	How	Who's responsible	Target dates	Actual Dates	Outcomes	Consent conditions/	Map reference for landowner	Reference	
Landowner-adjointing	9(2)(a)		Discuss operation and mitigation effects	Visit	9(2)(a)	31.3.2019	13.3.2019	Met with 9(2)(a) and two staff members to discuss aerial Operation. Staff had good questions and concerns which were addressed. They	Maintain current setback for water supply. Test has been requested following toxic application			
Landowner-adjointing			Discuss operation and mitigation effects	Visit		31.3.2019	14.3.2019	Lengthy discussion with 9(2)(a) [Son]. Happy with farm boundary offset and is currently repairing fencelines. They will	Reconfirm water supply with GPS. Test water following application of toxic.			
Landowner-adjointing			Discuss operation and mitigation effects	Visit		31.3.2019	15.3.2019	No issues with boundary fences or water. Requested a				
Landowner-adjointing			Discuss operation and mitigation effects	Visit		31.3.2019	13.3.2019	Fence issue at house - dogs 9(2) will fix this. Watre supply setback to remain as at 2019 shape. Requested	Retian water supply Offset			
Landowner-consent			Discuss operation and mitigation effects	Letter / Visit		31.3.2019	2.3.2019	Meeting held with 9(2)(a) board members 2nd March. Happy to treat right to bush edge as long a consultation with 9(2)(a) as grazier is maintained.	Do not nail signs to hut. Approval to treat right to bush edge. Consultation with 9(2)(a) as grazier.			
Iwi			Discuss operation and mitigation effects	Email		31.3.2019	Letter sent 14.1.2019 - no reply to date					
Landowner-adjointing			Discuss operation and mitigation effects	Visit		31.3.2019	7.3.2019	9(2) has sold her paddocks adjoining the treatment area to 9(2)(a)	Nil required.			
					</							

Plan						Record						
Group	Name	Contact details	Purpose of consultation	How	Who's responsible	Target dates	Actual Dates	Outcomes	Consent conditions/	Map reference for landowner	Reference	
	9(2)(a)				9(2)(a)			9(2)(a) is opposed to 1080 use because of the bykill of deer. Discussion around water supply and boundaruy fence. No	Realign boundary to avoid head of smaller creek above water supply. Complete.			
			Discuss operation and mitigation effects	Letter		31.3.2019	7.5.2019					
Landowner-adjointing			Discuss operation and mitigation effects	Letter		31.3.2019	Letter sent 14.1.2019 - no reply to date					
Landowner-adjointing			Discuss operation and mitigation effects	Letter		31.3.2019	14.1.2019	Mailed consult document received.				
								Discussion on how to keep 9(2)(a) chief Executive informed of DOC's 2019 mast response programme. Mail out of planned				
Fish and Game			Discuss operation and mitigation effects	Email		31.3.2019	13.3.2019					
								aerial 1080 programme and indicative timing sent				
Concessionaire			Discuss operation and mitigation effects	Mail Out		31.3.2019	22.2.2019					
								Taupo 29/9/18. St Arnaud 16/2/19. Canterbury 23/2/19. Dunedin 17/3/19. Regular phone	Series phone discussions and regional hui held to inform NZDA members of DOC 2019 mast response programme, and discuss deer repellent use. See DOC-3228075 for			
Hunting			Discuss operation and mitigation effects	Meetings		31.3.2019						
								Current land lease is finishing 1 June 9(2)(a)				
Landowner-adjointing			Discuss operation and mitigation effects	Visit		31.5.2019	21.1.2019	9(2)(a) as landowner				
								No issues. Water supply is in same place and 9(2)(a) has no stock so fencing not a				
Landowner-adjointing	Discuss operation and mitigation effects	Visit	31.5.2019	20.3.2019								
Landowner-consent	Discuss operation and mitigation effects	Phone discussion	31.5.2019	26.4.2019								
Landowner-consent	Discuss operation and mitigation effects	Phone discussion	31.5.2019	26.4.2019								
					Letter sent 14.1.2019 - no reply to date							
Landowner-consent												
Landowner-adjointing			Discuss operation and mitigation effects	Phone call		31.5.2019	26.04.2019	9(2)(a) has a hut in the Glenroy Valley that is used by hunters. These hunters may access the tops where baits have been sown. 9(2)(a) is happy to have a warning sign placed at his hut to				

Two Week Notification

Plan						Record			
Group	Name	Contact details	Purpose of notification	How	Who's responsible	Target dates	Actual Date	Outcome	Reference
Landowner	9(2)(a)		Provide 2 week notice of intention to	Mail	9(2)(a)	30/08/2019			
Landowner-adjointing			Provide 2 week notice of intention to	Mail		30/08/2019			
Landowner			Provide 2 week notice of intention to	Mail		30/08/2019			
Landowner-consent			Provide 2 week notice of intention to	Mail		30/08/2019			
Landowner-adjointing			Provide 2 week notice of intention to	Mail		30/08/2019			
Landowner-adjointing			Provide 2 week notice of intention to	Mail		30/08/2019			
Landowner-adjointing			Provide 2 week notice of intention to	Mail		30/08/2019			
Landowner-adjointing			Provide 2 week notice of intention to	Mail		30/08/2019			
Landowner			Provide 2 week notice of intention to	Mail		30/08/2019			
Landowner			Provide 2 week notice of intention to	Mail		30/08/2019			
Landowner-adjointing			Provide 2 week notice of intention to	Mail		30/08/2019			
Landowner-adjointing			Provide 2 week notice of intention to apply toxic	Mail		30/08/2019			
Landowner-adjointing			Provide 2 week notice of intention to	Mail		30/08/2019			
Landowner			Provide 2 week notice of intention to	Mail		30/08/2019			
Other			Provide 2 week notice of intention to	Mail		30/08/2019			
Landowner-adjointing			Provide 2 week notice of intention to	Mail		30/08/2019			
Landowner-adjointing			Provide 2 week notice of intention to apply toxic	Mail		30/08/2019			
Other			Provide 2 week notice of intention to	Mail		30/08/2019			
Other			Provide 2 week notice of intention to	Mail		30/08/2019			
Landowner-adjointing			Provide 2 week notice of intention to	Mail		30/08/2019			
			Provide 2 week notice of intention to	Mail		30/08/2019			
			Provide 2 week notice of intention to apply toxic	Mail		30/08/2019			

[illegible]

	9(2)(a)	Provide 2 week notice of intention to apply toxic	Mail	9(2)(a)	30/08/2019			
Landowner-adjointing		Provide 2 week notice of intention to apply toxic	Mail		30/08/2019			
		Provide 2 week notice of intention to	Mail		30/08/2019			
Landowner-adjointing		Provide 2 week notice of intention to	Mail		30/08/2019			
Landowner-adjointing		Provide 2 week notice of intention to	Mail		30/08/2019			
Landowner-adjointing		Provide 2 week notice of intention to apply toxic	Mail		30/08/2019			
Landowner-consent		Provide 2 week notice of intention to apply toxic	Mail		30/08/2019			
Iwi		Provide 2 week notice of intention to apply toxic	Mail		30/08/2019			
Education		Provide 2 week notice of intention to	Mail		30/08/2019			
Landowner-adjointing		Provide 2 week notice of intention to	Mail		30/08/2019			
		Provide 2 week notice of intention to apply toxic	Mail		30/08/2019			
		Provide 2 week notice of intention to apply toxic	Mail		30/08/2019			
		Provide 2 week notice of intention to	Mail		30/08/2019			
		Provide 2 week notice of intention to	Mail		30/08/2019			
		Provide 2 week notice of intention to	Mail		30/08/2019			
		Provide 2 week notice of intention to apply toxic	Mail		30/08/2019			
		Provide 2 week notice of intention to	Mail		30/08/2019			
		Provide 2 week notice of intention to	Mail		30/08/2019			
		Provide 2 week notice of intention to	Mail		30/08/2019			
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		Provide 2 week notice of intention to	Mail		30/08/2019			
		Provide 2 week notice of intention to	Mail		30/08/2019			
		Provide 2 week notice of intention to apply toxic	Mail		30/08/2019			
		Provide 2 week notice of intention to	Mail		30/08/2019			

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

Concessionaire	9(2)(a)	Provide 2 week notice of intention to	Mail	9(2)(a)	30/08/2019			
Concessionaire		Provide 2 week notice of intention to apply toxic	Mail		30/08/2019			
Concessionaire		Provide 2 week notice of intention to	Mail		30/08/2019			
Concessionaire		Provide 2 week notice of intention to	Mail		30/08/2019			
Concessionaire		Provide 2 week notice of intention to	Mail		30/08/2019			
Concessionaire		Provide 2 week notice of intention to apply toxic	Mail		30/08/2019			
Concessionaire								
Concessionaire		Provide 2 week notice of intention to apply toxic	Mail		30/08/2019			
Concessionaire		Provide 2 week notice of intention to	Mail		30/08/2019			
Concessionaire		Provide 2 week notice of intention to	Mail		30/08/2019			
Concessionaire		Provide 2 week notice of intention to apply toxic	Mail		30/08/2019			
Concessionaire		Provide 2 week notice of intention to	Mail		30/08/2019			
Concessionaire		Provide 2 week notice of intention to apply toxic	Mail		30/08/2019			
Concessionaire		Provide 2 week notice of intention to apply toxic	Mail		30/08/2019			
Concessionaire		Provide 2 week notice of intention to apply toxic	Mail		30/08/2019			
Concessionaire		Provide 2 week notice of intention to	Mail		30/08/2019			
Concessionaire		Provide 2 week notice of intention to	Mail		30/08/2019			
Concessionaire		Provide 2 week notice of intention to	Mail		30/08/2019			
Concessionaire		Provide 2 week notice of intention to	Mail		30/08/2019			
Concessionaire		Provide 2 week notice of intention to apply toxic	Mail		30/08/2019			
Concessionaire		Provide 2 week notice of intention to	Mail		30/08/2019			
Concessionaire		Provide 2 week notice of intention to	Mail		30/08/2019			
Concessionaire		Provide 2 week notice of intention to	Mail		30/08/2019			
Concessionaire		Provide 2 week notice of intention to apply toxic	Mail		30/08/2019			
Concessionaire		Provide 2 week notice of intention to	Mail		30/08/2019			
Concessionaire		Provide 2 week notice of intention to	Mail		30/08/2019			
Concessionaire		Provide 2 week notice of intention to apply toxic	Mail		30/08/2019			

Concessionaire	9(2)(a)	Provide 2 week notice of intention to	Mail	9(2)(a)	30/08/2019			
Concessionaire		Provide 2 week notice of intention to apply toxic	Mail		30/08/2019			
Concessionaire		Provide 2 week notice of intention to	Mail		30/08/2019			
Concessionaire		Provide 2 week notice of intention to	Mail		30/08/2019			
Concessionaire		Provide 2 week notice of intention to	Mail		30/08/2019			
Concessionaire		Provide 2 week notice of intention to	Mail		30/08/2019			
Concessionaire		Provide 2 week notice of intention to	Mail		30/08/2019			
Concessionaire		Provide 2 week notice of intention to	Mail		30/08/2019			
Concessionaire		Provide 2 week notice of intention to	Mail		30/08/2019			
Local government		Provide 2 week notice of intention to	Mail		30/08/2019			
Local government		Provide 2 week notice of intention to	Mail		30/08/2019			
Local government		Provide 2 week notice of intention to	Mail		30/08/2019			
DOC		Provide 2 week notice of intention to apply toxic	Mail		30/08/2019			
Visitor Information		Provide 2 week notice of intention to	Mail		30/08/2019			
Visitor Information		Provide 2 week notice of intention to	Mail		30/08/2019			
Visitor Information		Provide 2 week notice of intention to	Mail		30/08/2019			
Outdoor Club		Provide 2 week notice of intention to	Mail		30/08/2019			
Outdoor Club		Provide 2 week notice of intention to apply toxic	Mail		30/08/2019			
Outdoor Club		Provide 2 week notice of intention to	Mail		30/08/2019			
Conservation interest group		Provide 2 week notice of intention to apply toxic	Mail		30/08/2019			
Conservation interest group		Provide 2 week notice of intention to apply toxic	Mail		30/08/2019			
Conservation interest group		Provide 2 week notice of intention to	Mail		30/08/2019			
Livestock		Provide 2 week notice of intention to	Mail		30/08/2019			
Hunting Group		Provide 2 week notice of intention to	Mail		30/08/2019			
Hunting Group		Provide 2 week notice of intention to	Mail		30/08/2019			
Hunting Group		Provide 2 week notice of intention to	Mail		30/08/2019			
Outdoor Interest Group		Provide 2 week notice of intention to	Mail		30/08/2019			

Outdoor Interest Group	9(2)(a)	Provide 2 week notice of intention to	Mail	9(2)(a)	30/08/2019			
Outdoor Interest Group		Provide 2 week notice of intention to	Mail		30/08/2019			
Outdoor Club		Provide 2 week notice of intention to apply toxic	Mail		30/08/2019			
Outdoor Club		Provide 2 week notice of intention to	Mail		30/08/2019			
Medical		Provide 2 week notice of intention to	Mail		30/08/2019			
Medical		Provide 2 week notice of intention to	Mail		30/08/2019			
Medical		Provide 2 week notice of intention to	Mail		30/08/2019			
Medical		Provide 2 week notice of intention to	Mail		30/08/2019			
Medical		Provide 2 week notice of intention to	Mail		30/08/2019			
Medical		Provide 2 week notice of intention to apply toxic	Mail		30/08/2019			
Medical		Provide 2 week notice of intention to	Mail		30/08/2019			
Medical		Provide 2 week notice of intention to	Mail		30/08/2019			
Medical		Provide 2 week notice of intention to	Mail		30/08/2019			
Medical		Provide 2 week notice of intention to	Mail		30/08/2019			
Medical		Provide 2 week notice of intention to	Mail		30/08/2019			
Animal Care		Provide 2 week notice of intention to	Mail		30/08/2019			
Animal Care		Provide 2 week notice of intention to	Mail		30/08/2019			
Animal Care		Provide 2 week notice of intention to	Mail		30/08/2019			
Animal Care		Provide 2 week notice of intention to	Mail		30/08/2019			
Police		Provide 2 week notice of intention to	Mail		30/08/2019			
Police		Provide 2 week notice of intention to	Mail		30/08/2019			
Police		Provide 2 week notice of intention to	Mail		30/08/2019			
Police		Provide 2 week notice of intention to	Mail		30/08/2019			
Roading		Provide 2 week notice of intention to	Mail		30/08/2019			
Roading		Provide 2 week notice of intention to	Mail		30/08/2019			
Landowner-consent		Provide 2 week notice of intention to apply toxic	Email		30/08/2019			
LINZ Management agency		Provide 2 week notice of intention to	Email		30/08/2019			
Interested Pvte Hunter		Provide 2 week notice of intention to	Email		30/08/2019			

Local government	9(2)(a)	Provide 2 week notice of intention to	Mail	9(2)(a)	30/08/2019			
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RELEASED UNDER THE OFFICIAL INFORMATION ACT

Twenty-four hour notice

Plan							
Group	Name	Contact details	Phone	Purpose of notification	How	Who's responsible	Target dates
Label each target audience with a general group (e.g. landowner, recreation group, consent approver) to allow the plan to be sorted.	State the name of the individual or organisation	All address, phone, email contact details held. Name a contact person for organisations.		Select which purpose(s) applies to each target audience, from: -Twenty-four notice not planned -To tell them exactly when the operation will begin -To confirm agreements made in consultation -To maintain	Select which method(s) you will use to notify each target audience: -Visit -Phone -N/A Use Alt+Enter between methods for the same audience.	Person tasked to complete notification, or N/A for audiences who requested not to be notified.	Use date format that allows sorting. State N/A for audiences who requested not to be notified.
Landowner-consent	9(2)(a)			Notification of toxic application and reiterate warnings	Phone / follow up letter	9(2)(a)	
Landowner-adjointing				Notification of toxic application and reiterate warnings	Email as preference		
				Notification of toxic application and reiterate warnings	Phone / follow up letter		
Landowner-adjointing				Notification of toxic application and reiterate warnings	Phone / follow up letter		
Landowner				Notification of toxic application and reiterate warnings	Phone / follow up letter		
Other				Notification of toxic application and reiterate warnings	Phone / follow up letter		
Landowner-adjointing				Notification of toxic application and reiterate warnings	Phone / follow up letter		
Landowner-adjointing				Notification of toxic application and reiterate warnings	Phone / follow up letter		
Other				Notification of toxic application and reiterate warnings	Phone / follow up letter		
Other				Notification of toxic application and reiterate warnings	Phone / follow up letter		
Landowner-adjointing				Notification of toxic application and reiterate warnings	Phone / follow up letter		
Landowner-adjointing				Notification of toxic application and reiterate warnings	Phone / follow up letter		
Landowner-adjointing				Notification of toxic application and reiterate warnings	Phone / follow up letter		
Landowner-adjointing				Notification of toxic application and reiterate warnings	Phone / follow up letter		

Plan

Group	Name	Contact details	Phone	Purpose of notification	How	Who's responsible	Target dates
	9(2)(a)			Notification of toxic application and reiterate warnings	Phone / follow up letter	9(2)(a)	
Landowner-adjoining				Notification of toxic application and reiterate warnings	Phone only		
				Notification of toxic application and reiterate warnings	Phone / follow up letter		
Landowner-adjoining				Notification of toxic application and reiterate warnings	Phone / follow up letter		
Landowner				Notification of toxic application and reiterate warnings	Phone / follow up letter		
Landowner-adjoining				Notification of toxic application and reiterate warnings	Phone / follow up letter		
Landowner-adjoining				Notification of toxic application and reiterate warnings	Phone / follow up letter		
Landowner-adjoining				Notification of toxic application and reiterate warnings	Phone / follow up letter		
Landowner-adjoining				Notification of toxic application and reiterate warnings	Phone / follow up letter		
Landowner-adjoining				Notification of toxic application and reiterate warnings	Phone / follow up letter		
Landowner-adjoining				Notification of toxic application and reiterate warnings	Phone / follow up letter		
Landowner				Notification of toxic application and reiterate warnings	Phone / follow up letter		
Landowner-adjoining				Notification of toxic application and reiterate warnings	Phone / follow up letter		
Landowner-adjoining				Notification of toxic application and reiterate warnings	Phone / follow up letter		
Landowner-adjoining				Notification of toxic application and reiterate warnings	Phone / follow up letter		
Landowner				Notification of toxic application and reiterate warnings	Phone / follow up letter		
Landowner-adjoining				Notification of toxic application and reiterate warnings	Phone / follow up letter		
Landowner-adjoining				Notification of toxic application and reiterate warnings	Phone / follow up letter		
Landowner-adjoining				Notification of toxic application and reiterate warnings	Phone / follow up letter		
Landowner-consent				Notification of toxic application and reiterate warnings	Phone / follow up letter		
Iwi				Notification of toxic application and reiterate warnings	Phone / follow up letter		

Plan

Group	Name	Contact details	Phone	Purpose of notification	How	Who's responsible	Target dates
	9(2)(a)			Notification of toxic application and reiterate warnings	Phone / follow up letter	9(2)(a)	
Landowner-adjoining				Notification of toxic application and reiterate warnings	Phone / follow up letter		
Landowner-adjoining				Notification of toxic application and reiterate warnings	Phone / follow up letter		
Landowner-adjoining				Notification of toxic application and reiterate warnings	Phone / follow up letter		
Landowner-adjoining				Notification of toxic application and reiterate warnings	Phone / follow up letter		
Landowner-adjoining				Notification of toxic application and reiterate warnings	Phone / follow up letter		
Landowner-adjoining				Notification of toxic application and reiterate warnings	Phone / follow up letter		
Landowner-adjoining				Notification of toxic application and reiterate warnings	Phone / follow up letter		
Local government				Notification of toxic application and reiterate warnings	Phone / follow up letter		
Local government				Notification of toxic application and reiterate warnings	Phone / follow up letter		
Local government				Notification of toxic application and reiterate warnings	Email only		
Landowner-consent				Notification of toxic application and reiterate warnings	Email only		
LINZ Management agency				Notification of toxic application and reiterate warnings	Email only		
Interested Pvt Hunter				Notification of toxic application and reiterate warnings	Email only		
Police				Advise of application and contact details for protest actions.	Phone / visit		
Medical				Notification of toxic application only	Phone		
Landowner				Notification of toxic application only	Email as preferred contact		
Landowner				Notification of toxic application and reiterate warnings	Phone / follow up letter		
Landowner				Notification of toxic application and reiterate warnings	Phone / follow up letter		

Record		
Actual Date	Outcome	Reference
<i>Dates when actual communication took place</i>	<i>Any last minute issues and how resolved, if applicable</i>	<i>DME or file reference for documents used</i>

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Record		
Actual Date	Outcome	Reference

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Post-Operational Update

[illegible]

Record		
Actual Date	Outcome	Reference
<i>Dates when actual communication took place</i>	<i>Any response received, if applicable.</i>	<i>DME or file reference for documents used</i>

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Consultation	Target dates	Who's responsible	Details
Delete any consultation tools you are not going to use and add others.	Use date format that allows sorting	For creating tools	e.g., DME reference for tools
Consultation Key Facts Pack	30.1.2019	9(2)(a)	
Visit Plan & Record Sheet	30.1.2019		
Landowner Consent form	30.6.2019		

Notification	Target dates	Who's responsible	Details
Delete any notification tools you are not going to use and add others.	Use date format that allows sorting	For creating tools	e.g., DME reference, newspapers, radio stations, venues for information days
Notification Key Facts Pack	31.1.2019	9(2)(a)	
Public Notice - Grey Star	30.6.2019		
Public Notice - Messenger	30.6.2019		
Public Notice - Westport News	30.6.2019		
Media release		Nationally led	

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