

## RE: Hey dot

**From:** Dot Dalziell <Dot.Dalziell@herengaanuku.govt.nz>

**Sent** Monday 8 January, 2024 01:35 pm

**To:** [REDACTED]

**Subject:** RE: Hey dot

**Associations:** Publicising access along ULRs, Aotea / Great Barrier Island: Ngā ara hīkoi ki Aotea [6987]

Kia ora [REDACTED] I'd be honoured!

I'm following your podcast - and enjoyed listening to your kōrerero with Robin Kearns. And I very much look forward to seeing you soon!

I'm following up with [REDACTED] and hoping he has had feedback from the Kaumatua cttee on the tracks project, and have also approached [REDACTED] to see how the project could work with Tu Mai Taonga... My feeling is now is a good time to come over and talk.

How would some time the week 29 Jan-2 Feb suit you? I can also potentially do Mon-Wed 22-24th Jan (week after next).

Let me know times of the day that are best for you.

Me ngā mihi to te rā,  
Xx Dot

Dot Dalziell  
Kaitohutohu ā-Rohe | Regional Field Advisor  
+64 21379132  
I work part-time and variable hours, and will respond to enquiries as soon as possible.  
-----Original Message-----

**From:** [REDACTED]  
**Sent:** Friday, January 5, 2024 7:16 PM  
**To:** Dot Dalziell  
**Subject:** Hey dot

I'd like you on my new show  
Let me know when you're coming out  
[REDACTED]

Sent from my iPhone

## Re: DGBI Updates [AS 6987]

**From:** [REDACTED] <info@dgbi.co.nz>

**Received** Monday 22 January, 2024 04:23 pm

**To:** Dot Dalziell <Dot.Dalziell@herengaanuku.govt.nz>

**CC:** Kirsti Douglas <kirsti.Douglas@herengaanuku.govt.nz>, Ric Cullinane <ric.cullinane@herengaanuku.govt.nz>, Phil Culling <phil.culling@herengaanuku.govt.nz>

**Subject:** Re: DGBI Updates [AS 6987]

**Attachments:**

**Associations:** Publicising access along ULRs, Aotea / Great Barrier Island: Ngā ara hīkoi ki Aotea [6987]

Hi Dot,

You know the score with young ones!

Great you are planning on coming out. I will wait to hear.

[REDACTED] I think it slipped his mind to tell me he was asking you, but I am delighted. I am going to have a chat and sound him out regarding his intentions in the interview because he has previously made not overly positive comments to me regarding DGBI's use of funds to engage this project, so I would like to ensure we are all on the same page.

Happy to chat on the phone once I have done this, as well. We can also talk about the positive feedback we have had from people in important positions regarding the project as I'm sure [REDACTED] eluded to and perhaps make sure we highlight these important positive aspects to [REDACTED] during the interview.

Thank you for passing the message on regarding finances.

Ngā mihi nui

[REDACTED]



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**From:** Dot Dalziell**Date:** Monday, 22 January 2024 at 3:39 PM**To:** [REDACTED]**Cc:** Kirsti Douglas , Ric Cullinane , Phil Culling**Subject:** RE: DGBI Updates [AS 6987]

Kia ora [REDACTED] – good to hear from you! I hope that you have had some restorative time over the festive season – or at least a break from some of your busy-ness (youngsters have their own minds about occupying your time and energy).

Thanks for the generous offer from DGBI re my travel on 29<sup>th</sup> Jan. I will need to run that past Herenga ā Nuku Management (they're on leave today – Wgtn Anniversary), but I don't foresee an issue, as long as I can secure a meeting with [REDACTED] (or someone else he delegates).

[REDACTED] might have mentioned I've been invited on to [REDACTED] podcast schedule and I'm assuming he might want to have a kōrero about the project and public access in general. Hence Jan 29<sup>th</sup> date, which is what [REDACTED] and I have pencilled in.

I will also check in with them tomorrow morning re the proposed transfers of funding for the project.

Ngā mihi,

Dot

**Dot Dalziell**

Kaitohutohu ā-Rohe | Regional Field Advisor  
+64 21379132

*I work part-time and variable hours, and will respond to enquiries as soon as possible.*

---

**From:** [REDACTED]  
**Sent:** Monday, January 22, 2024 3:27 PM  
**To:** Dot Dalziel  
**Subject:** DGBI Updates

Kia ora Dot,

Following your discussion with [REDACTED] this morning, we just wanted to clarify a few things.

1. DGBI will cover the costs of your flights here next Monday if you choose to come over. This would be separate from the \$50k to keep things simple. [REDACTED] has multi-pass tickets that can be used, so let us know dates and times if all aligns and we will get this booked for you.
2. We also wanted to let you and your finance team know, that we envisage the \$50,000 sum will need to be paid out as a donation (No GST) and that our trust has a daily payment cap of \$5000 per day, so we would have to pay it out over 10 days. Can you run this past your finance team and check this works with them?

Please do let us know if you have any other questions, particularly regarding the payment.

Ngā mihi



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## RE: DGBI Updates [AS 6987]

**From:** Dot Dalziell <Dot.Dalziell@herengaanuku.govt.nz>

**Sent:** Monday 22 January, 2024 04:27 pm

**To:** [REDACTED] <info@dgbi.co.nz>

**CC:** Kirsti Douglas <kirsti.Douglas@herengaanuku.govt.nz>, Ric Cullinane <ric.cullinane@herengaanuku.govt.nz>, Phil Culling <phil.culling@herengaanuku.govt.nz>

**Subject:** RE: DGBI Updates [AS 6987]

**Attachments:**

**Associations:** Publicising access along ULRs, Aotea / Great Barrier Island: Ngā ara hīkoi ki Aotea [6987]

Ahh – funny! Congrats on the podcasts – great that you are enabling them

[REDACTED] He made no mention to me of what he wants in terms of content... I just made the assumption that it would be about Aotea (and therefore public access & the project).

Curioser and curioser... Looking forward to what you glean.

Dot



**Dot Dalziell**

Kaitohutohu ā-Rohe | Regional Field Advisor  
+64 21379132

*I work part-time and variable hours, and will respond to enquiries as soon as possible.*



# FW: Travel approval form\_AoteaGrTBarrierIs\_Mon29012024 [AS 6987]

**From:** Kirsti Douglas <kirsti.Douglas@herengaanuku.govt.nz>

**Received** Tuesday 23 January, 2024 01:35 pm

**To:** Joy Yang <joy.yang@herengaanuku.govt.nz>, Dot Dalziell <Dot.Dalziell@herengaanuku.govt.nz>

**Subject:** FW: Travel approval form\_AoteaGrTBarrierIs\_Mon29012024 [AS 6987]

**Attachments:** Dot Dalziell Travel Approval .docx

**Associations:** Publicising access along ULRs, Aotea / Great Barrier Island: Ngā ara hīkoi ki Aotea [6987]

Kia ora Joy, travel approval for Dot's Monday 29 January trip. This should be coded to the Aotea Great Barrier Project budget (these are the funds that I mentioned at the Monday team meeting which will be coming through shortly).

Thanks, K



**Kirsti Douglas**

Pouwhakahaere ā-motu - Kōkiri | National Operations Manager



**From:** Dot Dalziell

**Sent:** Tuesday, January 23, 2024 10:25 AM

**To:** Kirsti Douglas

**Subject:** Travel approval form\_AoteaGrTBarrierIs\_Mon29012024 [AS 6987]

Kia ora Kirsti,

As discussed – I am attempting to pull together a trip to Aotea (Great Barrier Is) for next Monday 29<sup>th</sup> Jan, but that date hinges on getting an audience with [REDACTED] and/or delegated iwi rep on the island. If not Monday 29<sup>th</sup> I will try for another date in the near future.

Please see attached travel approval for your signature. Note that DGBI is offering to pay for the airfares. The remaining expenses will be my time (9 hrs) plus travel to Akl airport (will probably take care and pay for parking, so 40km plus [REDACTED] for the day).

Ngā mihi,

Dot

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## Travel Approval Form

Complete this form for each traveller, prior to your travel. Email or scan a copy to Corporate Services for filing. The completed form should also accompany any travel booking requests.

|  |   |
|--|---|
| <b>Name of traveller:</b>  | <b>Dot Dalziell</b>   |
| <b>Business purpose of the travel:</b><br><i>Why are you travelling?</i><br><i>Where and when?</i>               | Travel to Aotea (Great Barrier Is) to progress ULR project: meet with iwi representatives from Ngāti Rēhua Ngātiwai Ki Aotea, meet with DGBI trustees, & be interviewed by [REDACTED]<br><br>Placeholder date Monday 29 <sup>th</sup> January 2024 – but may be postponed if unable to secure meeting with iwi rep.   |
| <b>Justification for travel:</b><br><i>Why the purpose stated above cannot be reasonably met in another way?</i> | 1. Iwi engagement is a key requirement of the project. To date a phone conversation - with [REDACTED] iwi Chair - is the extent of engagement. Further discussion is needed to shape project & progress the work. A face-to-face visit is needed to introduce ourselves and the project objectives.<br>2. [REDACTED] is good way of communicating project value to island residents – key constituents for the project.<br><br><b>Note that RFA air travel cost is being covered by DGBI – the community trust funding the project.</b> |

### Traveller declaration


I have discussed my travel plans with my manager, and have considered options to reduce emission, including but not limited to:


- combining this trip with other trips
- reducing the number of travellers on this trip (if more than one traveller)
- shifting to less carbon-intensive modes of transport



[sign here]

Date: 23/01/2024

| MANAGER/S TO COMPLETE. APPROVALS MUST BE GIVEN PRIOR TO BOOKING TRAVEL. |   |
|---|---|
| <b>Approving Manager</b><br><i>This is the traveller's manager.</i>     | I approve this travel and confirm that the need for it cannot reasonably be met any other way.        |
| <b>Name: Kirsti Douglas</b><br><b>Date: 23/1</b>                        | <b>Signature:</b>  |

|  |  |
|--|--|
| <b>Travel expenditure cost code:</b> Please code to Aotea Great Barrier Project budget |  |
| <b>Budget Manager</b>  | I approve this travel expenditure under my financial delegated authority, and confirm the expenditure is within my budget. |
| <b>Name:</b> Kirsti Douglas<br><b>Date:</b> 23/1                                       | <b>Signature:</b>                         |

## RE: DGBI Updates [AS 6987]

**From:** Dot Dalziell <Dot.Dalziell@herengaanuku.govt.nz>

**Sent:** Tuesday 23 January, 2024 02:43 pm

**To:** [REDACTED] <info@dgbi.co.nz>

**Subject:** RE: DGBI Updates [AS 6987]

**Attachments:** AoteaSouthernULRsTOPO.pdf, AoteaCentralULRsTOPO.pdf, AoteaULRs\_WalkingAccessProjectDraft\_AoteaGreatBarrier\_NgatiRehuaNgatiWaiKiAotea.docx, Letter to Ngati Rehua NgatiWai ki Aotea Trust Board 08082023.pdf

**Associations:** Publicising access along ULRs, Aotea / Great Barrier Island: Ngā ara hīkoi ki Aotea [6987]

Kia ora [REDACTED]

Thanks for prompt re context for [REDACTED] prep.

Attached is the letter to the iwi trust board. I subsequently had a phone conversation with [REDACTED] and his course of action was to take the project information and maps (also attached) to the Kaumātua Committee for discussion.

I understand that the kaumātua discussion has yet to take place.

At your suggestion I also contacted [REDACTED] late last year re Tū Mai Taonga and potential interest / synergies with the ULR connectivity project. There is interest – but awaiting the [REDACTED] & kaumātua discussions.

Another useful resource for investigating the project context is our WAMS maps, showing public access area - and the purple legal road parcels the project is focussing on: [here's a link](#). Note though that the ground truthing has yet to start, and I won't be able to talk sensibly in any detail about the terrain that the project traverses.

Ngā mihi,

Dot



**Dot Dalziell**

Kaitohutohu ā-Rohe | Regional Field Advisor  
+64 21379132

*I work part-time and variable hours, and will respond to enquiries as soon as possible.*



**From:** Dot Dalziell  
**Sent:** Tuesday, January 23, 2024 1:42 PM  
**To:** [REDACTED]  
**Cc:** Kirsti Douglas ; Ric Cullinane ; Phil Culling  
**Subject:** RE: DGBI Updates [AS 6987]

Thanks so much [REDACTED] for the update. Great to hear that Tu Mai Taonga is taking big strides – I know that is very important for Aotea, for iwi (and for [REDACTED] too).

I think a postponement is in order – given that I have not managed to arrange meeting with [REDACTED] (or someone else he delegates the discussion to), and they are otherwise engaged this week.

I will get in touch with [REDACTED] to reschedule the podcast talk (will copy you in). Good idea to provide context for him (latest project docs).

Meanwhile I have yet to have the discussion about funds transfer for the project – hoping to get to that this afternoon.

Ngā mihi,

Dot



**Dot Dalziell**

Kaitohutohu ā-Rohe | Regional Field Advisor  
+64 21379132

*I work part-time and variable hours, and will respond to enquiries as soon as possible.*





From: [REDACTED] <[info@dgbi.co.nz](mailto:info@dgbi.co.nz)>

Sent: Tuesday, January 23, 2024 12:27 PM

To: Dot Dalziell <[Dot.Dalziell@herengaanuku.govt.nz](mailto:Dot.Dalziell@herengaanuku.govt.nz)>

Cc: Kirsti Douglas <[kirsti.Douglas@herengaanuku.govt.nz](mailto:kirsti.Douglas@herengaanuku.govt.nz)>; Ric Cullinane <[ric.cullinane@herengaanuku.govt.nz](mailto:ric.cullinane@herengaanuku.govt.nz)>; Phil Culling <[phil.culling@herengaanuku.govt.nz](mailto:phil.culling@herengaanuku.govt.nz)>

Subject: Re: DGBI Updates [AS 6987]

Hi Dot,

[REDACTED] shared with me that he is keen to cover both a bit about you and your career, as well as cover the ULR project we are embarking on.

If you are happy please could you send me latest the documents including the latest project proposal and perhaps also the letter sent to [REDACTED]. I think [REDACTED] would like to ensure he has the right context to decide what questions he asks and what is appropriate, but I'm sure you could give him insight into this. I am unsure if I have the most up to date info on file.

[REDACTED] I would say it's unlikely that you will hear from [REDACTED] or their admin over the next couple of days.

Will await to hear your plans. I do wonder if this doesn't all align, asking [REDACTED] to delay to another date.

Ngā mihi

[REDACTED]



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# RE: Hey dot

**From:** Dot Dalziell <Dot.Dalziell@herengaanuku.govt.nz>

**Sent:** Wednesday 24 January, 2024 03:05 pm

**To:** [REDACTED]

**CC:** [REDACTED] <info@dgbi.co.nz>

**Subject:** RE: Hey dot

**Attachments:** AoteaSouthernULRsTOPO.pdf, AoteaCentralULRsTOPO.pdf, AoteaULRs\_WalkingAccessProjectDraft\_AoteaGreatBarrier\_NgatiRehuaNgatiWaiKiAotea.docx, Letter to Ngati Rehua NgatiWai ki Aotea Trust Board 08082023.pdf

**Associations:** Publicising access along ULRs, Aotea / Great Barrier Island: Ngā ara hīkoi ki Aotea [6987]

## RE PROJECT INFO

Attached is the letter to the iwi trust board requesting engagement. [REDACTED] said he would take the project information and maps (also attached) to the Kaumātua Committee for discussion. I understand that discussion hasn't happened yet.

I also contacted [REDACTED] late last year re Tū Mai Taonga and potential interest / synergies with the ULR connectivity project. There is interest – but awaiting the [REDACTED] & kaumātua discussions.

Another useful resource for investigating the project context is our WAMS maps, showing public access area - and the purple legal road parcels the project is focussing on: [here's a link](#).

I've set aside Mon Feb 5<sup>th</sup>. Will confirm soon.

Dot



**Dot Dalziell**

Kaitohutohu ā-Rohe | Regional Field Advisor  
+64 21379132

*I work part-time and variable hours, and will respond to enquiries as soon as possible.*

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**From:** [REDACTED]  
**Sent:** Tuesday, January 23, 2024 6:31 PM  
**To:** Dot Dalziell  
**Cc:** [REDACTED]  
**Subject:** Re: Hey dot

Monday fifth it also work for me. Can you send me some background about the project. Thanks dot

Sent from my iPhone

On 23/01/2024, at 2:12 PM, Dot Dalziell wrote:

Kia ora [REDACTED]

[REDACTED]

Re plan for 29<sup>th</sup> Jan visit to Aotea: I have yet to arrange meeting with [REDACTED]. This is a key relationship for the unformed legal roads project to proceed. Apologies, but this means I likely need to postpone my visit to Aotea and our podcast kōrero. **I will keep trying to tee up the 29<sup>th</sup> with [REDACTED], but I think I need a reschedule date to work with. When are you next available?**

At the moment I can do **any day next week or the following week** (Tues 30 Jan – Fri 2 Feb / Mon 5 - Fri 9 Feb). Flight availability also OK for most of those days.

Ngā mihi,

Dot

**Dot Dalziell**

Kaitohutohu ā-Rohe | Regional Field Advisor  
+64 21379132

*I work part-time and variable hours, and will respond to enquiries as soon as possible.*

---

**From:** [REDACTED]  
**Sent:** Monday, January 15, 2024 8:18 PM  
**To:** Dot Dalziell  
**Cc:** [REDACTED]  
**Subject:** Re: Hey dot

Hi Dot

Monday 29 January works for me

More interviews podcasted here

[REDACTED]

[REDACTED]

[REDACTED]

Sent from my iPhone

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# RE: PLEASE READ & REPLY: Scoping the usability of unformed legal roads on Aotea Great Barrier Island for better connectivity and recreation

**From:** Guia Nonoy <Guia.Nonoy@aucklandcouncil.govt.nz>  
**Received** Wednesday 7 February, 2024 05:21 pm  
**To:** Dot Dalziell <Dot.Dalziell@herengaanuku.govt.nz>  
**Subject:** RE: PLEASE READ & REPLY: Scoping the usability of unformed legal roads on Aotea Great Barrier Island for better connectivity and recreation  
**Attachments:**  
**Associations:** Publicising access along ULRs, Aotea / Great Barrier Island: Ngā ara hīkoi ki Aotea [6987]

Thank you for your prompt reply, Dot.

I look forward to hearing from you soon. Do note that workshop slots are limited in the coming weeks. I would be grateful if you could back to be as early as you possibly can.

Noho ora mai,

*Guia*

WFH = ✓ Albert Street = X

| Mon | Tues | Wed | Thurs | Fri |
|-----|------|-----|-------|-----|
| X   | ✓    | ✓   | X     | ✓   |

**NOTE - Wednesday and Friday hours – 7:00am – 3:00pm**

*Note: I am working flexible hours supporting whanau, so responding to your email may take a bit longer than usual. If your query is urgent, please contact me on my mobile.*

**From:** Dot Dalziell  
**Sent:** Wednesday, February 7, 2024 4:38 PM  
**To:** Guia Nonoy  
**Subject:** RE: PLEASE READ & REPLY: Scoping the usability of unformed legal roads on Aotea Great Barrier Island for better connectivity and recreation

Kia ora Guia,

I have been thinking of you and your family over the summer, wishing you restful and rejuvenating times. It already seems like so long ago – the summer break!

Since my last email I have had a phone conversation with [REDACTED]. He says the Kaumātua Committee is the appropriate group to consider the project from a mana whenua perspective. I have provided information for their consideration, but as far as I know the committee has yet to discuss it (but I am working on getting that on the agenda).

I will get back to you when we have a date for the Kaumātua committee – and then we can book in a workshop slot as appropriate.

Ngā mihi,

Dot



**Dot Dalziell**

Kaitohutohu ā-Rohe | Regional Field Advisor  
+64 21379132

*I work part-time and variable hours, and will respond to enquiries as soon as possible.*



**From:** Guia Nonoy <[Guia.Nonoy@aucklandcouncil.govt.nz](mailto:Guia.Nonoy@aucklandcouncil.govt.nz)>

**Sent:** Wednesday, February 7, 2024 3:37 PM

**To:** Dot Dalziell <[Dot.Dalziell@herengaanuku.govt.nz](mailto:Dot.Dalziell@herengaanuku.govt.nz)>

**Subject:** RE: PLEASE READ & REPLY: Scoping the usability of unformed legal roads on Aotea Great Barrier Island for better connectivity and recreation

Kia ora Dot

I hope you've had a truly good rest and fun over the summer break.

Just following up on this project proposal and if we can now schedule a workshop with you to continue the conversation you've had with the local board back in August 2023. The local boards are now preparing for the 24/25 work programme discussions in March.

Any update?

Noho ora mai,

Guia

WFH = ✓ Albert Street = X

| Mon | Tues | Wed | Thurs | Fri |
|-----|------|-----|-------|-----|
| X   | ✓    | ✓   | X     | ✓   |

**NOTE - Wednesday and Friday hours – 7:00am – 3:00pm**

*Note: I am working flexible hours supporting whanau, so responding to your email may take a bit longer than usual. If your query is urgent, please contact me on my mobile.*

**From:** Dot Dalziell <[Dot.Dalziell@herengaanuku.govt.nz](mailto:Dot.Dalziell@herengaanuku.govt.nz)>  
**Sent:** Wednesday, September 13, 2023 12:58 PM  
**To:** Guia Nonoy <[Guia.Nonoy@aucklandcouncil.govt.nz](mailto:Guia.Nonoy@aucklandcouncil.govt.nz)>; [REDACTED]; DGBI Chair ([chair@dgbi.co.nz](mailto:chair@dgbi.co.nz)) <[chair@dgbi.co.nz](mailto:chair@dgbi.co.nz)>; [REDACTED]  
**Cc:** Info Destination Great Barrier Isl <[info@dgbi.co.nz](mailto:info@dgbi.co.nz)>; Jacqui Fyers <[Jacqui.Fyers@aucklandcouncil.govt.nz](mailto:Jacqui.Fyers@aucklandcouncil.govt.nz)>; Anna Davis <[anna.davis@aucklandcouncil.govt.nz](mailto:anna.davis@aucklandcouncil.govt.nz)>  
**Subject:** RE: PLEASE READ & REPLY: Scoping the usability of unformed legal roads on Aotea Great Barrier Island for better connectivity and recreation

Kia ora Guia,

Thanks for your email. I'm available for workshop with Local Board on the afternoon of 15th November. However, I've emailed Ngāti Rehua Ngāti Wai chair [REDACTED] - but have yet to connect with him. I would prefer to wait until that conversation has taken place before confirming the workshop.

Ngā mihi,

Dot



**Dot Dalziell**

Kaitohutohu ā-Rohe | Regional Field Advisor  
+64 21379132

*I work part-time and variable hours, and will respond to enquiries as soon as possible.*

# Re: Request to [REDACTED] to put project on Kaumātua agenda

**From:** [REDACTED] <info@dgbt.co.nz>

**Received** Thursday 8 February, 2024 07:39 am

**To:** Dot Dalziell <Dot.Dalziell@herengaanuku.govt.nz>

**CC:** [REDACTED]

**Subject:** Re: Request to [REDACTED] to put project on Kaumātua agenda

**Attachments:**

**Associations:** Publicising access along ULRs, Aotea / Great Barrier Island: Ngā ara hīkoi ki Aotea [6987]

Kia ora Dot,

I have just caught up with [REDACTED] this morning.

It is likely that [REDACTED] will have picked up the initial emails to [REDACTED] but would be really good to get her to actively put in on the agenda so that it doesn't keep slipping!

[REDACTED]

[REDACTED] [@ngatirehua.iwi.nz](mailto:[REDACTED]@ngatirehua.iwi.nz)

Ngā mihi

[REDACTED]



## GREAT BARRIER ISLAND

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FB: /greatbarrierislandofficial

IG: @greatbarrierislandofficial



**From:** Dot Dalziell  
**Date:** Wednesday, 7 February 2024 at 3:41 PM  
**To:** [REDACTED]  
**Cc:** [REDACTED]  
**Subject:** Request to [REDACTED] to put project on Kaumātua agenda

Kia ora [REDACTED]

I just spoke with [REDACTED] – and he suggested that I contact you regarding contacting [REDACTED]

Can you ask [REDACTED] to put the project onto the Kaumātua Committee's agenda – or provide me with a contact for her so that I can request that?

Attached is my email to [REDACTED] following the phonecall he and I had in September last year about the project, where he suggested the Kaumātua Cttee discussion as the first step in engaging with Ngāti Rehua Ngātiwai Ki Aotearoa. That has the most recent project documents attached, minus our MOU (which we had not yet signed at the time I emailed [REDACTED])

Ngā mihi,

Dot



Connecting people  
Connecting places

**Dot Dalziell**

Kaitohutohu ā-Rohe | Regional Field Advisor  
Herenga ā Nuku Aotearoa  
Outdoor Access Commission

[+64 21379132](tel:+6421379132)  
[herengaanuku.govt.nz](https://herengaanuku.govt.nz)



*I work part-time and variable hours, and will respond to enquiries as soon as possible.*

# FW: Aotea ULRs (unformed legal roads) - community connectivity trails project

**From:** Dot Dalziell <Dot.Dalziell@herengaanuku.govt.nz>

**Sent:** Friday 9 February, 2024 11:09 am

**To:** [REDACTED]@ngatirehua.iwi.nz>

**CC:** chair@ngatirehua.iwi.nz <chair@ngatirehua.iwi.nz>

**Subject:** FW: Aotea ULRs (unformed legal roads) - community connectivity trails project

**Attachments:** AoteaSouthernULRsTOPO.pdf, AoteaCentralULRsTOPO.pdf, AoteaULRs\_WalkingAccessProjectDraft\_AoteaGreatBarrier\_NgatiRehuaNgatiWaiKiAotea.docx

**Associations:** Publicising access along ULRs, Aotea / Great Barrier Island: Ngā ara hīkoi ki Aotea [6987]

Tēnā koe [REDACTED]

We've not yet met. I am working with the DGBI trustees to facilitate their legacy project on Aotea – which involves re-connecting communities across the southern portion of the motu using unformed legal road parcels. The project vision is to provide walking routes, with further aspirations to support the work of Tū Mai Taonga as it progresses southwards over time. There may be important matters that should shape the project – e.g. renewed use of ancestral trails, areas where particular care is needed to protect significant cultural sites, or reasons to mark stories linked to the trails. We seek guidance on bringing the key matters to light – including any resources we could provide to enable this.

I asked [REDACTED] for your email address, as I am keen to progress the discussion with the iwi. I spoke with [REDACTED] in September last year, and his guidance was that the project information should be considered by the Kaumātua Committee as a first step. Please see the attached project information, including a couple of topo maps indicating the proposed routes for investigation. Are you happy to put this on the agenda for the Committee at the next opportunity?

I am available to front up to the discussions if that would be helpful – and to provide further information that Kaumātua need to help guide and shape the project.

Ngā mihi o te wā,

Dot



**Dot Dalziell**

Kaitohutohu ā-Rohe | Regional Field Advisor  
+64 21379132

*I work part-time and variable hours, and will respond to enquiries as soon as possible.*

# Ngā ara hīkoi ki Aotea

## **Memorandum of understanding**

October 2023

Between

Herenga ā Nuku Aotearoa  
(the Outdoor Access Commission)

and

Destination Great Barrier Island Trust

---

A memorandum of understanding recording the partnership for the implementation of Ngā ara hīkoi ki Aotea, an initiative to scope the usability of unformed legal roads on Aotea Great Barrier Island for better connectivity and recreation. While the project will be a multi-agency partnership, this memorandum of understanding records the key resourcing and reporting responsibilities for Herenga ā Nuku and Destination Great Barrier Island as primary investment partners in achieving the project aims.

---

**Effective from November 2023 to 30 June 2024**

## Signatories



30 09 24

Ric Cullinane, Chief Executive  
Herenga ā Nuku, the Outdoor Access Commission



Destination Great Barrier Island

Released under the Official Information Act

## Table of contents

|     |  |   |
|-----|--|---|
| 1   | Purpose.....   | 1 |
| 1.1 | Memorandum of understanding (MOU).....                       | 1 |
| 1.2 | Project.....   | 1 |
| 2   | Background .....   | 1 |
| 3   | Project outline .....  | 2 |
| 3.1 | Goal.....  | 2 |
| 3.2 | Deliverables.....  | 2 |
| 3.3 | Approach.....  | 2 |
| 4   | Parties and roles .....                                      | 2 |
| 4.1 | Destination Great Barrier Island Trust.....                  | 2 |
| 4.2 | Herenga ā Nuku Aotearoa, the Outdoor Access Commission ..... | 3 |
| 4.3 | Ngāti Rehua Ngātiwai Trust Board .....                       | 3 |
| 4.4 | Aotea/Great Barrier Local Board .....                        | 3 |
| 4.5 | Auckland Transport.....                                      | 4 |

# **1 Purpose**

## **1.1 Memorandum of understanding (MOU)**

- 1.1.1 The purpose of this MOU is to describe and document how Herenga ā Nuku Aotearoa (the Commission) and Destination Great Barrier Island (the Trust) will work together and commit to Ngā ara hīkoi ki Aotea (the Project).

## **1.2 Project**

- 1.2.1 The Project will assess unformed legal roads (ULRs) on Aotea Great Barrier Island for better connectivity and recreational access.

# **2 Background**

- 2.1.1 The Commission is a government agency with statutory responsibility to lead, support, negotiate, establish, maintain and improve walking (and similar) access over public and private land. The Commission was established under the Walking Access Act 2008 and has a number of powers delegated under this statute to support walking and related access (e.g., cycling and bridle).
- 2.1.2 The Commission has been working with the Trust to support more strategic ways to deliver on the responsibility of the Walking Access Act 2008 on Aotea.
- 2.1.3 The Project is responding to the following problem statement:  
Many walkers on Aotea, particularly in the non-DOC areas, currently rely on formed roads. These are narrow, winding, and unsafe for walkers. Increasing traffic volume and vehicle size contribute to safety concerns.
- 2.1.4 Aotea has numerous ULRs that may potentially provide alternative walking access between settlement communities and around the island. Many of these ULRs have been walking trails in the past and already have some track formation.
- 2.1.5 Aotea has remarkable bush and forest which can be enjoyed from the ULRs.
- 2.1.6 Current walking tracks on Aotea are either short destination walks or formed tracks through the DOC estate. In contrast, the ULRs are orientated towards simple connectivity and are conveniently located for residents.
- 2.1.7 Trail connections are an important part of a community. The Trust envisages a legacy of healthy Aotea communities – where homes, reserves, beaches, schools and other destinations are connected by safe walking routes. These routes will enable Aotea people to enjoy the outdoors and get physical and mental health benefits.
- 2.1.8 In May 2023, the Trust invited the Commission to scope and implement a project highlighting the community connectivity potential of the ULR network on Aotea's southern part.



### **3 Project outline**

#### **3.1 Goal**

- 3.1.1 Re-establish and enhance pedestrian connections between Aotea communities and improve the island's recreational walking opportunities.
- 3.1.2 The Project will explore Aotea ULRs using the Herenga ā Nuku Pocket Maps app, GPS technology and photography – with the intent to provide the community with access information. It will also inform a plan to further enhance walking connectivity along the ULR network.

#### **3.2 Deliverables**

- 3.2.1 The Project will create and publish an atlas of the ULR network for the community and initiate a programme of work to improve accessibility. Specific outcomes could include:
- signage
  - route marking
  - cultural significance
  - mapping resources.

#### **3.3 Approach**

- 3.3.1 Ground truthing: the Commission will engage a suitably experienced person/people to walk and describe each section of track in narrative and photographic form. The results will be made available as public and safety information.
- 3.3.2 While walking the ULRs, the project team will:
- mark the ULRs with track markers where necessary and provide minor clearance of bush or obstacles to allow simple human passage
  - identify ULRs that could be upgraded or improved to enable walking access
  - build knowledge, identify hazards and identify further areas for potential track improvement in the future.

### **4 Parties and roles**

#### **4.1 Destination Great Barrier Island Trust**

- 4.1.1 The purpose of Destination Great Barrier Island (DGBI) Trust is to facilitate a sustainable visitor industry on Aotea Great Barrier Island. Ngā ara hikoi ki Aotea is to be a legacy project for DGBI, with the purpose of improving access and connectivity around the island for both the community and visitors alike.

4.1.2 Through this MOU the Trust will provide funding to the Commission to scope and implement the project as outlined in section 3 above. The partners will agree the budget outline for \$50,000 plus in-kind contributions.

4.1.3 The Trust will assist the Commission in convening a project governance group, with project partners, mana whenua, local community and relevant recreation groups. This group may also include an appointee from the Aotea/Great Barrier Local Board to oversee the project.

#### **4.2 Herenga ā Nuku Aotearoa, the Outdoor Access Commission**

4.2.1 Herenga ā Nuku is the Crown agency protecting and enhancing public access to the outdoors for everyone in New Zealand – walkers, mountain bikers, anglers, horse riders, landholders, trail runners and more.

4.2.2 The Commission works with communities to create new connections to and across the whenua, resolve disputes and care for the land and the people who live, work and play on it.

4.2.3 The Commission provides leadership on outdoor access issues and administers a national strategy on outdoor access, including tracks and trails. It maps outdoor access, provides information to the public, oversees a code of responsible conduct, helps to resolve disputes and negotiates new access.

4.2.4 The Commission has a small team in Wellington and a network of regional field advisors. It is governed by an independent board.

4.2.5 Through this MOU, the Commission will take on responsibility for implementing the project – including engagement of professional services, administration and coordination, project accounting and reporting.

4.2.6 The Commission will provide GIS support for mapping and communications support (e.g., notices about project dates, press releases, letters to adjoining landowners and engagement with Local Board and Auckland Transport).

#### **4.3 Ngāti Rehua Ngātiwai Trust Board**

4.3.1 The Commission has contacted Ngāti Rehua Ngātiwai Trust Board requesting an opportunity to present the project brief and engage with mana whenua guidance on shared objectives, local aspirations and the project's interactions with the cultural landscapes of Aotea.

#### **4.4 Aotea/Great Barrier Local Board**

4.4.1 The Project partners will present to the Local Board and request assistance and advocacy for the project – in particular advocating for the Project to Auckland Transport.



## **4.5 Auckland Transport**

4.5.1 Auckland Transport (AT) is the roading authority responsible for managing public roads in the region, including unformed legal roads. AT's Policy on Management of Unformed Legal Roads states that any clearance of vegetation or groundwork on ULRs is by way of permit from AT. As of April 2023, AT has a process in place for community entities to apply for permission to mark tracks on ULRs. The Project will follow the prescribed process for any such work.

## **5 Project Timelines & Milestones**

### **5.1 Timeline**

The steering group will be established to provide project governance as soon as possible after the MOU is signed.

The Project partners intend to proceed with contracting professional services to walk the ULRs and compile route information over spring and the following summer (2023 / 2024).

Route information gathered will enable a connectivity plan. Decisions regarding the scope of the plan (e.g. signage, route marking, cultural significance and interpretation, mapping resources) will be made by the Commission, with advice from the steering group.

The initial ground truthing work is to be completed during Spring / summer 2023. With the full report from this completed and published by 30 June 2024.

It is likely that DGBI will cease to exist upon the completion of this project. The hope is that by this time there will be a walking reference/advisory group.

However, should this not be the case, the office bearers of the existing trust; [REDACTED] agree to form a reference group on a personal basis should decisions need to be made around any residual funds.

# RE: MOU for Ngā ara hīkoi ki Aotea - ULR trails project on Great Barrier Aotea [AS 6987]

**From:** Kirsti Douglas <kirsti.Douglas@herengaanuku.govt.nz>

**Received** Friday 19 April, 2024 09:47 am

**To:** Dot Dalziell <Dot.Dalziell@herengaanuku.govt.nz>

**Subject:** RE: MOU for Ngā ara hīkoi ki Aotea - ULR trails project on Great Barrier Aotea [AS 6987]

**Attachments:**

**Associations:** Publicising access along ULRs, Aotea / Great Barrier Island: Ngā ara hīkoi ki Aotea [6987]

Morena, happy Friday . Hey, thanks for the below. I've re-emailed the MOU to Ric for him to sign – I'll follow up in the office next week if needs be.

I've let Phil know that we don't expect to spend any of the money this FY – if that changes, just let us know as soon as you can.

K



**Kirsti Douglas**

Pouwhakahaere ā-motu - Kōkiri | National Operations Manager

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**From:** Dot Dalziell

**Sent:** Thursday, April 18, 2024 5:51 PM

**To:** Kirsti Douglas

**Subject:** RE: MOU for Ngā ara hīkoi ki Aotea - ULR trails project on Great Barrier Aotea [AS 6987]

I've updated the AS 6987 with the email trail I copied to you. Apologies for the gap in the record.

I don't think we will spend any of the \$50K by 30 June. The ground-truthing work postponed until spring, unless something magical happens as a result of the hui I am trying to tee up with DOC and the Aotea Conservation Park group (which includes iwi)...

Dot

**Dot Dalziell**

Kaitohutohu ā-Rohe | Regional Field Advisor  
+64 21379132

*I work part-time and variable hours, and will respond to enquiries as soon as possible.*

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**From:** Kirsti Douglas <[kirsti.douglas@herengaanuku.govt.nz](mailto:kirsti.douglas@herengaanuku.govt.nz)>  
**Sent:** Thursday, April 18, 2024 4:24 PM  
**To:** Dot Dalziell <[Dot.Dalziell@herengaanuku.govt.nz](mailto:Dot.Dalziell@herengaanuku.govt.nz)>  
**Subject:** FW: MOU for Ngā ara hīkoi ki Aotea - ULR trails project on Great Barrier Aotea [AS 6987]

Kia ora Dot, did Ric every sign the attached? I can't find a record of the final MOU in the AS 6987 case.

Phil has asked for a copy. I'm not sure that I ever forwarded Corporate a copy for records.

Also, Phil needs to know how much (if any) of the \$50K is expected to be spent by 30 June. Are you able to provide me with this information?

Many thanks,

**Kirsti Douglas**

Pouwhakahaere ā-motu - Kōkiri | National Operations Manager  
[REDACTED]

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## RE: ACPAC hui - request from Dot

**From:** Dot Dalziell <Dot.Dalziell@herengaanuku.govt.nz>

**Sent:** Tuesday 30 April, 2024 01:35 pm

**To:** Janet Shankland <jshankland@doc.govt.nz>

**Subject:** RE: ACPAC hui - request from Dot

**Attachments:**

**Associations:** Publicising access along ULRs, Aotea / Great Barrier Island: Ngā ara hīkoi ki Aotea [6987]

Kia ora Janet - many thanks for arranging this! I am available on Friday 17<sup>th</sup> May and would be delighted to attend the public forum part of the ACPAC hui to briefly present on the project and invite discussion.

I will now try to wangle a trip across to the island – and will get back to you to confirm whether I can attend the public forum in person or online asap. I'll have a talk with the local group who initiated the project and see what other useful discussions I can fit in while visiting on that Friday...

Ngā mihi nui,

Dor



**Dot Dalziell**

Kaitohutohu ā-Rohe | Regional Field Advisor  
+64 21379132

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**From:** Janet Shankland

**Sent:** Tuesday, April 30, 2024 9:35 AM

**To:** Dot Dalziell

**Subject:** FW: ACPAC hui - request from Dot

Morena Dot,

Good news, you are most welcome at the Aotea Conservation Park hui – the next one is in May, are you able to make that? I recall you are down in Gisborne sometime in May...

You can attend in person, or online. I might try to wrangle a visit if you do go in person, but I can always support via teams link if not possible.

The public forum part of the agenda is the best fit and you can work with Cara to sort out the finer details. It may be an informal discussion, or you might like to present the idea then welcome Q&A however you feel comfortable.

Let me know and I will cc Cara on the next email so that you can be in touch directly about the agenda etc.

Cheers, Janet

---

**From:** Dave Smith <[dwsmith@doc.govt.nz](mailto:dwsmith@doc.govt.nz)>  
**Sent:** Tuesday, April 30, 2024 9:03 AM  
**To:** Janet Shankland <[jshankland@doc.govt.nz](mailto:jshankland@doc.govt.nz)>  
**Cc:** Cara Fraider <[cfraider@doc.govt.nz](mailto:cfraider@doc.govt.nz)>  
**Subject:** RE: ACPAC hui - request from Dot

Hi Janet

ACPAC would be pleased to have Dot present.

The next meeting is Friday 17th May at Tryphena. There should be an option to dial in over Teams.

The meeting usually starts mid-morning with a public forum session for such issues – that would be the best time.

We can be back in touch with a more precise time.

Regards  
Dave

---

**From:** Janet Shankland <[jshankland@doc.govt.nz](mailto:jshankland@doc.govt.nz)>  
**Sent:** Wednesday, April 24, 2024 10:28 AM  
**To:** Dave Smith <[dwsmith@doc.govt.nz](mailto:dwsmith@doc.govt.nz)>  
**Subject:** ACPAC hui - request from Dot

Hi Dave,

As mentioned, would Cara be able to check in with Michael and ACPAC if they would welcome a guest speaker in Dot Dalziell from Herenga ā Nuku Aotearoa, the Outdoor Access Commission.

I have highlighted the topic Dot would like to discuss. The tracks in question are providing access to the conservation park.

Cheers, Janet

## FW: ACPAC hui - request from Dot

**From:** Janet Shankland <jshankland@doc.govt.nz>

**Received** Wednesday 1 May, 2024 12:45 pm

**To:** Cara Fraider <cfraider@doc.govt.nz>

**CC:** Dot Dalziell <Dot.Dalziell@herengaanuku.govt.nz>

**Subject:** FW: ACPAC hui - request from Dot

**Attachments:**

**Associations:** Publicising access along ULRs, Aotea / Great Barrier Island: Ngā ara hīkoi ki Aotea [6987]

Kia ora Cara,

Please see response from Dot below, Dot would be delighted to attend the hui on the 17<sup>th</sup> of May.

There are arrangements to be made and the agenda yet to be finalised, but just copying you both in so you can stay in touch as things progress.

Cheers, Janet

---

**From:** Dot Dalziell

**Sent:** Tuesday, April 30, 2024 1:36 PM

**To:** Janet Shankland

**Subject:** RE: ACPAC hui - request from Dot

Kia ora Janet - many thanks for arranging this! I am available on Friday 17<sup>th</sup> May and would be delighted to attend the public forum part of the ACPAC hui to briefly present on the project and invite discussion.

I will now try to wangle a trip across to the island – and will get back to you to confirm whether I can attend the public forum in person or online asap. I'll have a talk with the local group who initiated the project and see what other useful discussions I can fit in while visiting on that Friday...

Ngā mihi nui,

Dor



**Dot Dalziell**

Kaitohutohu ā-Rohe | Regional Field Advisor  
+64 21379132

# FW: ACPAC hui - request from Dot

**From:** Dot Dalziell <Dot.Dalziell@herengaanuku.govt.nz>  
**Sent:** Wednesday 1 May, 2024 02:51 pm  
**To:** Janet Shankland <jshankland@doc.govt.nz>  
**CC:** dwsmith@doc.govt.nz <dwsmith@doc.govt.nz>, Cara Fraider <cfraider@doc.govt.nz>  
**Subject:** FW: ACPAC hui - request from Dot

**Attachments:**

**Associations:** Publicising access along ULRs, Aotea / Great Barrier Island: Ngā ara hīkoi ki Aotea [6987]

Kia ora anō Janet, thanks also to Dave and Cara (copied in) for arranging an invite to ACPAC.

I can confirm that I will attend in person the Friday May 17<sup>th</sup> ACPAC hui. My flight arrives 9:30am, and I'll head straight to the venue (TBC).

Another question: is it possible for [REDACTED] to attend alongside me? He is a local member of the DGBI group that initiated the project and will bring local insights to the discussion.

I can send through background reading – however I'm just as happy to provide high level material on the day for committee to take away with them.

Ngā mihi,

Dot



**Dot Dalziell**

Kaitohutohu ā-Rohe | Regional Field Advisor  
+64 21379132

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**From:** Dot Dalziell  
**Sent:** Tuesday, April 30, 2024 1:36 PM



# FW: Presenting to Aotea Conservation Park Advisory Committee (ACPAC) meeting Friday 17th May

**From:** Dot Dalziell <Dot.Dalziell@herengaanuku.govt.nz>

**Sent:** Wednesday 1 May, 2024 02:36 pm

**To:** [REDACTED]

**CC:** [REDACTED] <info@dgbi.co.nz>

**Subject:** FW: Presenting to Aotea Conservation Park Advisory Committee (ACPAC) meeting Friday 17th May

**Attachments:** 230922 ACPAC-meeting -minutes.pdf

**Associations:** Publicising access along ULRs, Aotea / Great Barrier Island: Ngā ara hīkoi ki Aotea [6987]

Ah, I also see that Jason Wii (Kawa Marae trustee) and Valmaine Toki are on the ACPAC.

Ngā mihi,

Dot



**Dot Dalziell**

Kaitohutohu ā-Rohe | Regional Field Advisor  
+64 21379132

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**From:** Dot Dalziell

**Sent:** Wednesday, May 1, 2024 2:13 PM

**To:** [REDACTED]

**Cc:** [REDACTED]

**Subject:** Presenting to Aotea Conservation Park Advisory Committee (ACPAC) meeting Friday 17th May

Kia ora [REDACTED]



Thanks for your time on the phone this morning. As discussed, we have the opportunity to present on the Aotea ULR project to ACPAC at their 17th May meeting, as part of the Public Forum section of the agenda. I aim to socialise the project's aims and start a conversation about the ULR connections into the park - I assume that it is OK for you to attend with me, but will check with the coordinators.

I am booked to fly to Aotea Friday 17<sup>th</sup> May arriving 9:30am into Claris. It looks like the meetings convene at 10am, with the Public Forum section later in the agenda – but I will confirm with DOC contacts about that. I fly back to the mainland at 5pm same day – so there is time to meet with others – maybe [REDACTED] or some other keen, connected advocate. I will get in touch with [REDACTED] and see if he wants a visit.

ACPAC minutes from Sep 2023 attached. Note that the committee membership:

- Michael Ngatai - Chairperson
- Kenneth Fortzer - Deputy Chairperson
- Donald Prince - Member
- Hope Munro - Member
- Joanne O'Reilly - Member
- Marilyn Stephens - Member
- Lewis Ngawaka – Member

Am I right in thinking that Hope Munro, Marilyn Stephens and Lewis Ngawaka are all on the Kaumatua Committee? I worked with the chair – Michael Ngatai - at Auckland Council.

Ngā mihi,

Dot



Connecting people  
Connecting places

**Dot Dalziell**

Kaitohutohu ā-Rohe | Regional Field Advisor  
Herenga ā Nuku Aotearoa  
Outdoor Access Commission

[+64 21379132](tel:+6421379132)  
[herengaanuku.govt.nz](https://herengaanuku.govt.nz)



*I work part-time and variable hours, and will respond to enquiries as soon as possible.*

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# Aotea Conservation Park Advisory Committee

Friday 22, September 2023

Meeting #25, held at 1000am

Golf Club, Claris, Aotea/Great Barrier Island

## *Confirmed minutes*

### **PRESENT**

|                  |                    |
|------------------|--------------------|
| Michael Ngatai   | Chairperson        |
| Kenneth Fortzer  | Deputy Chairperson |
| Donald Prince    | Member             |
| Hope Munro       | Member             |
| Joanne O'Reilly  | Member             |
| Marilyn Stephens | Member             |
| Lewis Ngawaka    | Member             |

### **IN ATTENDANCE**

|                 |  |
|-----------------|--|
| Andrew Baucke   | Regional Operations, Auckland                  |
| Brent Swanson   | Operations Manager, Aotea/Great Barrier Island |
| Cara Fraider    | Administration support/Community Ranger, Aotea |
| Janet Shankland | Senior Visitor Advisor, Whangarei              |
| Sue Moore       | Senior Biodiversity Ranger                     |

### **Agenda Item 1 – Greetings**

Chairman, Michael Ngatai acknowledged Board Members and DOC Operations team

Acknowledging and a minutes silence for Mahina Toki, Kiri Munro and Pete Montgomerie

### **Agenda Item 2 – karakia**

Member, Hope Munro

### **Agenda item 3 – whakawhanaungatanga**

Brent Swanson aka Swanny

Round table

### **Agenda Item 4 – General Business**

Located in Item 16

|               |              |
|---------------|--------------|
| Jason Wii     | ACPAC member |
| Valmaine Toki | ACPAC member |

No conflict of interest was registered

## Tu Mai Taonga update – Makere Jenner

- 2

## **Public Forum Feedback**

*What biosecurity is in place for the field team that work up in Te Paparahi area, knowing theirs Kauri Stands in certain areas and Myrtle Rust around in a couple of areas on Aotea.*

Myrtle Rust - The Field team have been instructed to leave it report it back to managers, it's location etc and to use i naturalist app.

Kauri Protection – There are cleaning hygiene protocols in place and the field teams have gone through some training. TMT get updates from the Department of Conservation if there are any updates or training to be had. The trap line network has been diverted around any kauri stands. That's from the dripline of the kauri tree.

*Request from Andrew Baucke and ACPAC members - TMT share the cat and rat numbers that have been caught to date.*

*What gear are you using for remote monitoring?*

TMT have purchased 217 trail cameras and some thermal cameras. Only some trial cameras are set out up on Te Paparahi not the full camera network. Mahuki and Rangiahua no cameras are set yet. Mahuki Island will have thermal cameras set out there because of the Gannet colony on that island. TMT have just pulled in their RTI's and chew cards, and out of the 400 there was 1 Skink foot print and a lot of rodent activity. The next step is to trap on the beaches on Mahuki and Rangiahua.

*Any other monitoring on the surrounding islands*

Starting on the eastern side of Aotea from Aiguillies down to Cape Barrier excluding Rakitu as it's already rat free. The western side TMT looking at developing a relationship and communication with the Motu Kaikoura Trust and already have relationships with The Glenfern Sanctuary and will work with other community groups.

*What kind of Baseline monitoring is TMT doing*

TMT have done a basic baseline monitoring of rats on Mahuki. Rangiahua has the basic baseline monitoring feral cats. No full Baseline monitoring of any other biodiversity. The field crew have been taught how to spot e.g. Takoketai are burrowing and just to make notes of that site.

Chairman, Michael thanked Makere for her Tu Mai Toanga update

## **Agenda Item 8 - Minutes of previous meeting**

ACPAC meeting #24 minutes taken as received and read

### **Previous Minutes: Matters arising**

No matters arising

### **Move to accept previous minutes**

**Moved by** Joanne O'Reilly

**Seconded by** Don Prince

**Agenda Item 9 – Actions from earlier minutes**

| <i>Responsibility</i>                         | <i>Action No</i> | <i>Subject</i>  | <i>Status</i> |
|---|------------------|---|---------------|
| <b>Workshop 17 March 2023</b>                 |                  |   |               |
| Department/ACPAC                              | 1.8              | Schedule a ACPAC meet and greet with Auckland Conservation Board – November 2023  | In progress   |
| Department/ACPAC                              | 1.12             | Write up an article about the ACPAC members – look at a budget for a media person in 2023. Ask Nicole Steven, DOC media   | In progress   |
| Department                                    | 1.13             | Minister of Conservation to Aotea. Michael sent and received a letter from Minister of Conservation unfortunately busy due to elections. The new ACPAC chair will send another letter to the Minister after the elections in October. | open          |
| <b>Meeting 22<sup>nd</sup> September 2023</b> |                  |   |               |
| Sue Moore                                     | 1.14             | To email Cara the cat numbers for both Whangapoua and Hirakimata.   | open          |
| Department                                    | 1.15             | Nicola's resignation – Cara to follow up with John Galilee and to close this off  | Open          |
| Department                                    | 1.16             | Concession reports, communicating on decisions: Request wildlife concessions that are on the island. Research the ones that reports are associated with on behalf of the ACPAC committee. Feedback in, why was this decision made.    | open          |
| Chairperson                                   | 1.17             | Re-elect a new ACPAC chairperson in November at the next November meeting 2023  | Open          |
|   |                  |   |               |
|   |                  |   |               |

**Agenda Item 10 - Confirmation of Correspondence**

Inviting the Minister of Conservation to Aotea: The Chairman, Michael for the Ministers response to his email.

### Agenda Item 11 – Financial Report

| Aotea Conservation Park Committee Financial Report |               |               |              |                  |
|--|---------------|---------------|--------------|------------------|
| Report 12 months to 31 <sup>st</sup> July 2022     |               |               |              |                  |
| Heading  | Actual YTD    | Budget YTD    | Variance     | Full Year Budget |
| Admin  | 3,388         | 0             | (3,388)      | 0                |
| Travel and Accommodation                           | 3,159         | 7,000         | 3,841        | 7,000            |
| Hospitality and events                             | 1,714         | 0             | (1,714)      | 0                |
| Board Fees   | 7,005         | 8,000         | 1,075        | 8,000            |
| <b>Total</b>                                       | <b>15,266</b> | <b>15,000</b> | <b>(266)</b> | <b>15,000</b>    |

Financial report taken as received

Moved by Donald prince

Seconded by Kenneth Fortzer

### Agenda Item 12– Date and venues for upcoming meetings 2022/2023

| Day    | Date              | Meeting /Venue                          |
|--------|-------------------|---|
| Friday | 25 November 2022  | DOC office, Okiwi                       |
| Friday | 17 February 2023  | Meeting/workshop at Okiwi DOC Office    |
| Friday | 17 March 2023     | Claris Golf Club                        |
| Friday | 26 March 2023     | Claris Golf Club                        |
| Friday | 22 September 2023 | Claris Golf Club                        |
| Friday | 17 November 2023  | Okiwi DOC office/Joint meeting with ACB |

- Hope Munro will confirm if Motairehe Marae is available with good internet connection.

Note: that this will be a joint meeting with the Auckland Conservation Board

### **Agenda Item 13 – Directors Operations Report**

Report was taken as received and read.

**The future of Auckland – Andrew is requesting 45 minutes to discuss at the next meeting.**

### **Agenda Item 14 – Operations Managers Report**

Report was taken as received and read.

#### **Feedback**

*What are the biodiversity priorities are for the next 6mths?*

Takoketai, pateke and the Conservation dogs are booked to do some work on Rakitu and Mokohinau Islands. Argentine ant, plague skink and rodent dog.

### **Agenda Item 15 – Concessions Report**

Report was taken as received and read.

Discussion around getting feedback from researchers who have concessions on the island.

ACPAC members received an application from Rosalie Richards – 10yr concession.

Comments from ACPAC members will be collated and sent to permissions team by Joanne O'Reilly

### **Agenda Item 16 – General Business/Additional items**

#### **Pateke presentation – Sue Moore, Senior Biodiversity Ranger**

Sue went through the pateke presentation – questions at the end

1, Discussion around farming and fencing around the waterways.

2, What kind of spray is DOC using around the fence lines?

3, there is a mallard population on the island more down the middle of the island and its increasing.

Is there any consent process for locals bringing mallards to the island and has DOC noticed any hybridization – Consent process that will be under Auckland Council. DOC have not yet researched or seen any hybridization yet but still researching the affects it will have on the pāteke.

#### **Capex work on Hirakimata and South Fork Track – Janet Shankland**

Janet introduced herself. Janet is a visitor advisor for the wider Auckland Region. She will cover the wider Capex system, works officers feedback, what to do with planning and services and how to help push along the capital process.

#### **Re-visit Strategy on a Page (SOAP)**

Worked through the SOAP with members. Michael will write up the notes and make the changes to the SOAP document. This will be emailed to the ACPAC members once it's finished.

### **Agenda item 18 – Whakamutunga**



# Re: Presenting to Aotea Conservation Park Advisory Committee (ACPAC) meeting Friday 17th May

**From:** Dot Dalziell <Dot.Dalziell@herengaanuku.govt.nz>

**Sent:** Thursday 2 May, 2024 09:15 pm

**To:** [REDACTED]

**CC:** [REDACTED] <info@dgbi.co.nz>

**Subject:** Re: Presenting to Aotea Conservation Park Advisory Committee (ACPAC) meeting Friday 17th May

**Attachments:**

**Associations:** Publicising access along ULRs, Aotea / Great Barrier Island: Ngā ara hīkoi ki Aotea [6987]

Good plan [REDACTED] I've already had confirmation from DOC that you're welcome to join me.

Very keen to meet with Tu Mai Taonga if possible – noting that [REDACTED] is their Comms person. A face-to-face with Izzy Fordham is also a good idea.

Thanks for offer of wheels and being generally available – much appreciated! Talk when you get back on 13<sup>th</sup>.

Ngā mihi nui,

Dot

---

**From:** [REDACTED]

**Sent:** Thursday, May 2, 2024 4:55:18 PM

**To:** Dot Dalziell

**Cc:** [REDACTED]

**Subject:** Re: Presenting to Aotea Conservation Park Advisory Committee (ACPAC) meeting Friday 17th May

Kia ora Dot

I think that the ACPAC is a great idea and I hadn't realised the strong the presence of tangata whenua on that committee. So, it is a great opportunity to further the engagement. I'm also not sure who's on the Kaumatua Committee but some, if not all of those names look familiar.

Thanks for thinking of this initiative and I'm sure that anyone can attend the public forum, so my attendance shouldn't be a problem. I wouldn't intend to say much but will support as required.

I'm heading off island tomorrow for 10 days, back on the 12<sup>th</sup>. I'll contact you on the 13<sup>th</sup> to plan out the Friday and in the meantime, will try to find [REDACTED] contact details. I'll also have a think about meeting up with some other keen potential advocates – maybe someone from Tu Mai Taonga? Perhaps also a face-to-face with Izzy Fordham, chair of the Local Board? Let me know what you think. I'll be available to provide wheels and keep the day moving along, including a short walk if there is time.

[REDACTED] – do you [REDACTED] contact details?

**From:** Dot Dalziell

**Date:** Wednesday, 1 May 2024 at 2:36 PM

**To:** [REDACTED]

**Cc:** [REDACTED]

**Subject:** FW: Presenting to Aotea Conservation Park Advisory Committee (ACPAC) meeting Friday 17th May

Ah, I also see that Jason Wii (Kawa Marae trustee) and Valmaine Toki are on the ACPAC.

Ngā mihi,

Dot



**Dot Dalziell**

Kaitohutohu ā-Rohe | Regional Field Advisor  
+64 21379132

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**From:** Dot Dalziell

**Sent:** Wednesday, May 1, 2024 2:13 PM

**To:** [REDACTED]

**Cc:** [REDACTED]

**Subject:** Presenting to Aotea Conservation Park Advisory Committee (ACPAC) meeting Friday 17th May

Kia ora [REDACTED]

Thanks for your time on the phone this morning. As discussed, we have the opportunity to present on the Aotea ULR project to ACPAC at their 17th May meeting, as part of the Public Forum section of the agenda. I aim to socialise the project's aims and start a conversation about the ULR connections into the park - I assume that it is OK for you to attend with me, but will check with the coordinators.

I am booked to fly to Aotea Friday 17<sup>th</sup> May arriving 9:30am into Claris. It looks like the meetings convene at 10am, with the Public Forum section later in the agenda – but I will confirm with DOC contacts about that. I fly back to the mainland at 5pm same day – so there is time to meet with others – maybe [REDACTED] or some other keen, connected advocate. I will get in touch with [REDACTED] and see if he wants a visit.

ACPAC minutes from Sep 2023 attached. Note that the committee membership:

- Michael Ngatai - Chairperson
- Kenneth Fortzer - Deputy Chairperson
- Donald Prince - Member
- Hope Munro - Member
- Joanne O'Reilly - Member
- Marilyn Stephens - Member
- Lewis Ngawaka – Member

Am I right in thinking that Hope Munro, Marilyn Stephens and Lewis Ngawaka are all on the Kaumatua Committee? I worked with the chair – Michael Ngatai - at Auckland Council.

Ngā mihi,

Dot



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Connecting places

**Dot Dalziell**

Kaitohutohu ā-Rohe | Regional Field Advisor  
Herenga ā Nuku Aotearoa  
Outdoor Access Commission

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**For** [REDACTED]**From:** [REDACTED]**Received** Monday 13 May, 2024 10:08 am**To:** [REDACTED]**CC:** Dot Dalziell <Dot.Dalziell@herengaanuku.govt.nz>**Subject:** For [REDACTED]**Associations:** Publicising access along ULRs, Aotea / Great Barrier Island: Ngā ara hīkoi ki Aotea [6987]

Kia ora [REDACTED]

[REDACTED] here. You'll remember meeting at my place in Tryphena recently to collect harakeke. I also talked with you about the project to mark out the Unformed Legal Roads that Herenga a Nuku (Walking Access Commission) is planning to undertake on Aotea. Dot Dalziel, the Auckland Regional Rep for the Commission is visiting Aotea this Friday (17<sup>th</sup> May) and we are wondering if you would like to meet up during the afternoon. We'll be around the Claris area, hoping to catch up with Izzy after meeting with the ACPAC committee. Perhaps there is a chance we could meet up with you?

Looking forward to hearing back

Nga mihi

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**FW: For** [REDACTED]**From:** Dot Dalziell <Dot.Dalziell@herengaanuku.govt.nz>**Sent:** Monday 13 May, 2024 10:38 am**To:** [REDACTED]**Subject:** FW: For [REDACTED]**Attachments:****Associations:** Publicising access along ULRs, Aotea / Great Barrier Island: Ngā ara hīkoi ki Aotea [6987]

Kia ora for this and the email to Izzy. Appreciated!

I will send ACPAC members the project information, and an email with some high level questions we might want to explore...

Really just showing that we are keen to kōrero and work on any shared objectives that come out in the discussion.

Dot

**Dot Dalziell**

Kaitohutohu ā-Rohe | Regional Field Advisor  
+64 21379132

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**From:** [REDACTED]  
**Sent:** Monday, May 13, 2024 10:08 AM  
**To:** [REDACTED]  
**Cc:** Dot Dalziell  
**Subject:** For [REDACTED]

Kia ora [REDACTED]

**RE: For** [REDACTED]**From:** Dot Dalziell <Dot.Dalziell@herengaanuku.govt.nz>**Sent:** Tuesday 14 May, 2024 10:07 am**To:** [REDACTED]**Subject:** RE: For [REDACTED]**Attachments:****Associations:** Publicising access along ULRs, Aotea / Great Barrier Island: Ngā ara hīkoi ki Aotea [6987]

Kia ora [REDACTED]

I arrive into Claris on Barrier Air GB587 at 9:30am on Friday, and need to be back at Claris airport again at 4pm (leaving on the 5pm flight). Thanks so much in advance for collecting me.

We're meeting with ACPAC at Tryphena Social Club – mtg starts at 10am, public forum segment @ 10:10am.

Ngā mihi,

Dot

**Dot Dalziell**Kaitohutohu ā-Rohe | Regional Field Advisor  
+64 21379132

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**From:** [REDACTED]**Sent:** Tuesday, May 14, 2024 8:12 AM**To:** Dot Dalziell**Subject:** Fwd: For [REDACTED]

Hi Dot. Unfortunately [REDACTED] is off-island. No word back from Izzy yet. I'll see if [REDACTED] is available.

Let me know your flight details so I can pick you up on Friday

[REDACTED]

Begin forwarded message:

**From:** [REDACTED]  
**Date:** 14 May 2024 at 6:04:43 AM NZST  
**To:** [REDACTED]  
**Subject:** Re: For [REDACTED]

Good morning [REDACTED]

Aroha mai at this time I am [REDACTED] not home tell early June

Mauri ora

[REDACTED]

On Mon, May 13, 2024, 10:08 [REDACTED] wrote:

Kia ora [REDACTED]

[REDACTED] here. You'll remember meeting at my place in Tryphena recently to collect harakeke. I also talked with you about the project to mark out the Unformed Legal Roads that Herenga a Nuku (Walking Access Commission) is planning to undertake on Aotea. Dot Dalziel, the Auckland Regional Rep for the Commission is visiting Aotea this Friday (17<sup>th</sup> May) and we are wondering if you would like to meet up during the afternoon. We'll be around the Claris area, hoping to catch up with Izzy after meeting with the ACPAC committee. Perhaps there is a chance we could meet up with you?

Looking forward to hearing back

Nga mihi

[REDACTED]

# Project information for ACPAC meeting on Friday 17th May

**From:** Dot Dalziell <Dot.Dalziell@herengaanuku.govt.nz>

**Sent:** Wednesday 15 May, 2024 05:23 pm

**To:** Cara Fraider <cfraider@doc.govt.nz>

**CC:** [REDACTED]

**Subject:** Project information for ACPAC meeting on Friday 17th May

**Attachments:** AoteaSouthernULRsTOPO.pdf, AoteaCentralULRsTOPO.pdf

**Associations:** Publicising access along ULRs, Aotea / Great Barrier Island: Ngā ara hīkoi ki Aotea [6987]

Kia ora Cara,

Thanks for the offer of forwarding this project information for discussion at ACPAC on Friday.

The project that we are keen to discuss with the Committee is **Scoping unformed legal roads on Aotea Great Barrier Island for better connectivity and recreation**. In meeting with your committee, we recognise the special nature of the Aotea Conservation Park, and also the connections between our project and conservation areas on the island.

The project goal is to re-establish and enhance pedestrian connections between Aotea communities, and improve the island's recreational walking opportunities.

In this project we envisage a legacy of healthy Aotea/Great Barrier communities - where homes, reserves, beaches, schools, and other destinations are connected by safe walking routes. Such routes allow Aotea people a chance to enjoy the outdoors and get physical and mental health benefits. Walking connectivity provides a low cost, low emissions transport option for many – in contrast with driving, which is particularly expensive on the island. Improved connectivity provides alternatives and increases community resilience when road closures occur - and may also enhance access for pest control activities.

This project is not aligned with any tourism-related goal of attracting more visitors to Aotea. The trail routes developed through this work would be available for all people who wish to walk them – so long as adequate public information is available.

**The project approach** is to build community support for re-connecting communities. To do that the project team will:

- Seek to understand the cultural landscape of Ngāti Rehua Ngātiwai ki Aotea, and be guided by mana whenua in protecting their cultural landscapes. We have been in contact with the iwi trust chair, and [REDACTED] has advised that the next step would be to engage with the Kaumātua Taumata committee. We are keen to take up that opportunity whenever it is offered.
- Improve community awareness and understanding of unformed legal roads. See the maps attached, which highlight in orange the network of unformed legal roads – connecting key places on Aotea.
- Unformed legal roads (ULRs) are exactly what their name suggests – parcels of land designated as legal roads but not physically constructed.

**Why is Herenga ā Nuku Aotearoa the Outdoor Access Commission involved?** The Commission is ideally positioned to lead this project through its dedicated purpose of “connecting people, connecting places”. The Commission creates and sustains public access to the outdoors, working with communities and across statutory boundaries - and envisages a comprehensive and safe network of trails across Aotearoa New Zealand. We are working with Local Government NZ and individual roading authorities (including Auckland Transport) to assist their understanding, recognition and protection of unformed legal roads as key infrastructure for connecting people and places.



**History of legal roads:** Herenga ā Nuku acknowledges the history of legal roads is intertwined with the process of colonisation. Across the motu, some road parcels were surveyed following existing foot or horse-trails. Others traverse obvious features such as ridgelines and along awa, the coastline or edges of lakes. Others were laid out to connect planned future settlements.

Some roads were surveyed and never formed – these are the Unformed legal roads we have today. The historical process of laying out legal road parcels may not have taken into account places of significance for mana whenua. We acknowledge that care must be taken to enhance protection of mana whenua values through this work – e.g. avoiding wahi tapu as required; and enabling cultural reconnection along with recreation.

#### Unformed legal roads on Aotea:

- Aotea has numerous ULRs that may potentially provide alternative walking access between settlement communities and around the island. Many of these ULRs have been walking trails in the past and already have some track formation.
- Many walkers on Aotea - particularly outside of Public Conservation Land - currently rely on formed roads. These are narrow, winding, and unsafe for walkers. Increasing traffic volume and vehicle size contribute to safety concerns. Aotea has remarkable bush and forest which can be enjoyed from the ULRs.
- Current walking tracks on Aotea are either short destination walks or formed tracks through the Aotea Conservation Park. In contrast, the ULRs are orientated towards simple connectivity and are conveniently located for residents.

#### Which ULRs will be considered for this project?

- Connection between Tryphena and Okupu
- Connection between Tryphena and Oruawharo/Claris
- Connection between Okupu to Claris and Kaitoke Lane
- Connection between Whangaparapara and Okupu
- Connection between Cape Barrier, Rosalie Bay, Tryphena and Oruawharo
- Other ULRs depending on project progress.

**Maps:** The attached maps indicate the network of possible connections along unformed legal roads, focusing on central and southern Aotea/Great Barrier. While the formed roading network shows in purple, the unformed sections of the network have been highlighted using orange dashes.

Ngā mihi mahana – warm regards to you all, and looking forward to meeting with you on Friday.

Nāku noa, nā,

Dot



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Connecting places

**Dot Dalziell**

Kaitohutohu ā-Rohe | Regional Field Advisor  
Herenga ā Nuku Aotearoa  
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-  DOC Campsites  
 Road Parcels  
 Esplanade Strip  
 Esplanade Strip Titles  
 Esplanade Reserves  
 Reserve Land  
 DOC Public Conservation Land

Date: 21/08/2023 10:48 am

## Aotea - central ULRs topo

Map scale: 1:36.112

Created using Hērenqā ā Nuku Aotearoa | Outdoor Access Commission Maps. Visit [maps.herengaanuku.govt.nz/](https://maps.herengaanuku.govt.nz/)



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# RE: Finally visiting Aotea - this Friday

**From:** Dot Dalziell <Dot.Dalziell@herengaanuku.govt.nz>

**Sent:** Wednesday 15 May, 2024 04:18 pm

**To:** [REDACTED]

**Subject:** RE: Finally visiting Aotea - this Friday

**Attachments:**

**Associations:** Publicising access along ULRs, Aotea / Great Barrier Island: Ngā ara hīkoi ki Aotea [6987]

Great! See you Friday afternoon.

Anything you fancy brought over from the big island?

Dot



**Dot Dalziell**

Kaitohutohu ā-Rohe | Regional Field Advisor  
+64 21379132

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**From:** [REDACTED]

**Sent:** Wednesday, May 15, 2024 2:47 PM

**To:** Dot Dalziell

**Subject:** Re: Finally visiting Aotea - this Friday

2.30 would be great Dot

Opposite Kaitoke School, 1 km end of drive no turning off



Sent from my iPhone

On 15/05/2024, at 2:39 PM, Dot Dalziell <[Dot.Dalziell@herengaanuku.govt.nz](mailto:Dot.Dalziell@herengaanuku.govt.nz)> wrote:

Kia ora [REDACTED],

I'm flying into Claris and attending the public forum part of the Aotea Conservation Park Advisory Cttee meeting at Tryphena Social Club this Friday morning (17<sup>th</sup> May).

Are you available for a catch-up over lunch or afternoon tea? [REDACTED] is driving me around – I think we are due to meet Izzy Fordham at Claris (My Fat Puku) 1pm. So either 12 or 2:30pm works for me. I fly out again at 5pm.

Ngā mihi mahana, ngā mihi hauora hoki,

Dot

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### Dot Dalziell

Kaitohutohu ā-Rohe | Regional Field Advisor  
Herenga ā Nuku Aotearoa  
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# RE: Walking Access Commission - this Friday?

**From:** Dot Dalziell <Dot.Dalziell@herengaanuku.govt.nz>

**Sent:** Wednesday 15 May, 2024 02:32 pm

**To:** [REDACTED]

**Subject:** RE: Walking Access Commission - this Friday?

**Attachments:**

**Associations:** Publicising access along ULRs, Aotea / Great Barrier Island: Ngā ara hīkoi ki Aotea [6987]

Great – thanks!

Dot



**Dot Dalziell**

Kaitohutohu ā-Rohe | Regional Field Advisor  
+64 21379132

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**From:** [REDACTED]

**Sent:** Wednesday, May 15, 2024 2:32 PM

**To:** Dot Dalziell

**Subject:** Re: Walking Access Commission - this Friday?

OK. I'll suggest 1pm at the Claris café.

On 15 May 2024, at 2:24 PM, Dot Dalziell <[Dot.Dalziell@herengaanuku.govt.nz](mailto:Dot.Dalziell@herengaanuku.govt.nz)> wrote:



I am flexible – I'm also hoping to catch up with [REDACTED] but yet to hear back...

Dot

**Dot Dalziell**

Kaitohutohu ā-Rohe | Regional Field Advisor  
+64 21379132

*I work part-time and variable hours, and will respond to enquiries as soon as possible.*

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**From:** [REDACTED]  
**Sent:** Wednesday, May 15, 2024 2:21 PM  
**To:** Dot Dalziell <[Dot.Dalziell@herengaanuku.govt.nz](mailto:Dot.Dalziell@herengaanuku.govt.nz)>  
**Subject:** Fwd: Walking Access Commission - this Friday?

Hi Dot. Before I reply to Izzy, do you have a preference for the time that we meet?

[REDACTED]

Begin forwarded message:

**From:** "Izzy Fordham (Great Barrier Local Board)" <[Izzy.Fordham@aucklandcouncil.govt.nz](mailto:Izzy.Fordham@aucklandcouncil.govt.nz)>  
**Date:** 14 May 2024 at 5:10:10 PM NZST  
**To:** [REDACTED]  
**Cc:** Dot Dalziell <[Dot.Dalziell@herengaanuku.govt.nz](mailto:Dot.Dalziell@herengaanuku.govt.nz)>  
**Subject:** RE: Walking Access Commission - this Friday?

Evening [REDACTED] & Dot



Thanks for your email and yes, busy times.

I'm happy to have a catch up with you both on Friday, early afternoon. Let me know time and place and we can take it from there.

*Regards*

/z

**Izzy Fordham | Local Board Chair**

**Aotea / Great Barrier Local Board**

Mobile: 021 286 7555

81 Hector Sanderson Rd, Claris, Aotea Great Barrier Island, 0961

Visit our website: [aucklandcouncil.govt.nz](https://aucklandcouncil.govt.nz)

---

**From:** [REDACTED]

**Sent:** Monday, May 13, 2024 10:01 AM

**To:** Izzy Fordham (Great Barrier Local Board) <[Izzy.Fordham@aucklandcouncil.govt.nz](mailto:Izzy.Fordham@aucklandcouncil.govt.nz)>

**Cc:** Dot Dalziell <[Dot.Dalziell@herengaanuku.govt.nz](mailto:Dot.Dalziell@herengaanuku.govt.nz)>

**Subject:** Walking Access Commission - this Friday?

Hi Izzy

Sounds busy with all the caleurpa stuff and no doubt lots of other things.....

Dot Dalziel from Herenga a Nuku (Walking Access Commission) is coming out this Friday (17<sup>th</sup> May) to talk with the ACPAC about the project of creating the connectivity accessways on the Unformed Legal Roads . There are instances where the URLs merge into DOC land and this is what Dot wants to discuss with ACPAC.

Just wondering if you would like to have a face-to-face with Dot early in the afternoon on the 17th? We do hope that you and the Local Board see this project in a positive light and as a great opportunity to move forward with this important community resilience project. It would be a good opportunity to talk about it in a little more detail. Let us know if you are interested in catching up.

Best regards

[REDACTED]

[<-WRD0000.jpg>](#)

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## Re: Walking Access Commission - this Friday

**From:** [REDACTED]

**Received** Wednesday 15 May, 2024 02:35 pm

**To:** Izzy Fordham (Great Barrier Local Board) <Izzy.Fordham@aucklandcouncil.govt.nz>

**CC:** Dot Dalziell <Dot.Dalziell@herengaanuku.govt.nz>

**Subject:** Re: Walking Access Commission - this Friday

**Associations:** Publicising access along ULRs, Aotea / Great Barrier Island: Ngā ara hīkoi ki Aotea [6987]

Thanks Izzy. We have flexibility too, but let's make it 1pm at the Puku.

See you on Friday

[REDACTED]

On 14 May 2024, at 5:10 PM, Izzy Fordham (Great Barrier Local Board) wrote:

Evening [REDACTED] & Dot

Thanks for your email and yes, busy times.

I'm happy to have a catch up with you both on Friday, early afternoon. Let me know time and place and we can take it from there.

*Regards*

*Iz*

**Izzy Fordham | Local Board Chair**

**Aotea / Great Barrier Local Board**

Mobile: 021 286 7555

81 Hector Sanderson Rd, Claris, Aotea Great Barrier Island, 0961

Visit our website: [aucklandcouncil.govt.nz](https://aucklandcouncil.govt.nz)

**From:** [REDACTED]

**Sent:** Monday, May 13, 2024 10:01 AM

**To:** Izzy Fordham (Great Barrier Local Board)

**Cc:** Dot Dalziell

**Subject:** Walking Access Commission - this Friday?

Hi Izzy

Sounds busy with all the caleurpa stuff and no doubt lots of other things.....

Dot Dalziel from Herenga a Nuku (Walking Access Commission) is coming out this Friday (17<sup>th</sup> May) to talk with the ACPAC about the project of creating the connectivity accessways on the Unformed Legal Roads . There are instances where the URLs merge into DOC land and this is what Dot wants to discuss with

# Kauri Dieback contacts

**From:** Chris Charles <chris.charles@aucklandcouncil.govt.nz>

**Received** Wednesday 29 May, 2024 09:54 am

**To:** Dot Dalziell <Dot.Dalziell@herengaanuku.govt.nz>

**Subject:** Kauri Dieback contacts

**Associations:** Access over private land at Rosalie Bay, Aotea/Great Barrier Island [12083], Publicising access along ULRs, Aotea / Great Barrier Island: Ngā ara hīkoi ki Aotea [6987]

out of scope

Sarah Killick [sarah.killick@aucklandcouncil.govt.nz](mailto:sarah.killick@aucklandcouncil.govt.nz)

Biosecurity Team Manager - Kauri Dieback • Natural Environment Delivery

out of scope

[alistair.smith@aucklandcouncil.govt.nz](mailto:alistair.smith@aucklandcouncil.govt.nz)

Snr Kauri Dieback Advsr (Infrastructure) • Natural Environment Delivery

.....  
She used to be in Kauri team

[lisa.tolich@aucklandcouncil.govt.nz](mailto:lisa.tolich@aucklandcouncil.govt.nz)

Kawau Pest Eradication Project Lead • Natural Environment Delivery

**Chris Charles**

**Regional Trails Programme Manager**

**Customer & Community Partnerships**

**Regional Services & Strategy**

**Customer & Community Services**

Waea pūkoro / Phone

Te Kaunihera o Tāmaki Makaurau / Auckland Council

Level 13, Te Wharau o Tāmaki Auckland House, 135 Albert Street, Auckland

[aucklandcouncil.govt.nz](https://aucklandcouncil.govt.nz)



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# FW: Aotea ULRs (unformed legal roads) - community connectivity trails project

**From:** Dot Dalziell <Dot.Dalziell@herengaanuku.govt.nz>

**Sent:** Tuesday 4 June, 2024 11:16 am

**To:** [REDACTED]

**Subject:** FW: Aotea ULRs (unformed legal roads) - community connectivity trails project

**Attachments:** AoteaSouthernULRsTOPO.pdf, AoteaCentralULRsTOPO.pdf, AoteaULRs\_WalkingAccessProjectDraft\_AoteaGreatBarrier\_NgatiRehuaNgatiWaiKiAotea.docx

**Associations:** Publicising access along ULRs, Aotea / Great Barrier Island: Ngā ara hīkoi ki Aotea [6987]

Kia ora [REDACTED]

Thanks for your text. I've tried emailing you a couple of times (see below). Also must've miss-read your name on [REDACTED] note - Aroha mai!

Thanks for checking with the Kaumātua Taumata chair re: potential to meet with them this month.

Ngā mihi mahana,

Dot



**Dot Dalziell**

Kaitohutohu ā-Rohe | Regional Field Advisor  
+64 21379132

*I work part-time and variable hours, and will respond to enquiries as soon as possible.*

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**From:** Dot Dalziell

**Sent:** Friday, May 31, 2024 12:12 PM

**To:** [REDACTED]@ngatirehua.iwi.nz'

**Cc:** chair@ngatirehua.iwi.nz; [REDACTED]

**Subject:** FW: Aotea ULRs (unformed legal roads) - community connectivity trails project

Tēnā koe [REDACTED]

My apologies – I think I miss-spelled your name in my previous email. I've just left you a voicemail message, and am following up with the details.

I met [REDACTED] at ACPAC hui a fortnight ago, and he gave me your contact number to arrange for the Kaumātua Taumata to consider our project proposal for community connectivity trails along Unformed legal roads in the southern part of Aotea (see information attached).

I would be keen to meet with the Kaumātua in person, if that is possible. I can supply print copies of the maps and attached project info to assist them in their considerations – please let me know what address to send those to.

Ngā mihi maioha,

Dot Dalziell



Connecting people  
Connecting places

**Dot Dalziell**

Kaitohutohu ā-Rohe | Regional Field Advisor  
Herenga ā Nuku Aotearoa  
Outdoor Access Commission

+64 21379132  
[herengaanuku.govt.nz](mailto:herengaanuku.govt.nz)



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**From:** Dot Dalziell

**Sent:** Friday, February 9, 2024 11:09 AM

**To:** [REDACTED]@ngatirehua.iwi.nz

**Cc:** [chair@ngatirehua.iwi.nz](mailto:chair@ngatirehua.iwi.nz)

**Subject:** FW: Aotea ULRs (unformed legal roads) - community connectivity trails project

Tēnā koe [REDACTED]

# RE: Finally visiting Aotea - this Friday

**From:** Dot Dalziell <Dot.Dalziell@herengaanuku.govt.nz>

**Sent** Tuesday 11 June, 2024 10:18 am

**To:** [REDACTED]

**Subject:** RE: Finally visiting Aotea - this Friday

**Attachments:**

**Associations:** Publicising access along ULRs, Aotea / Great Barrier Island: Ngā ara hīkoi ki Aotea [6987]

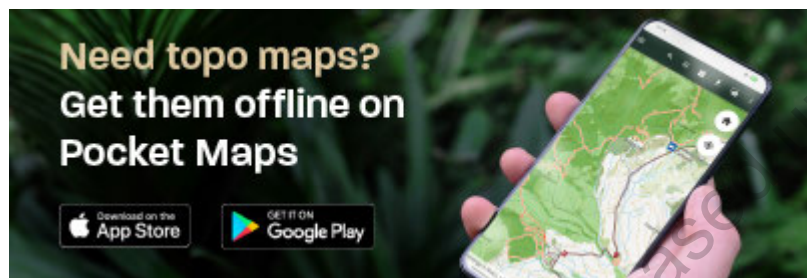
Sorry [REDACTED] I can't do the 8<sup>th</sup> – and I've booked for being on the island for the 15<sup>th</sup>.



**Dot Dalziell**

Kaitohutohu ā-Rohe | Regional Field Advisor  
+64 21379132

*I work part-time and variable hours, and will respond to enquiries as soon as possible.*



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**From:** [REDACTED]  
**Sent:** Tuesday, June 11, 2024 8:26 AM  
**To:** Dot Dalziell  
**Subject:** Re: Finally visiting Aotea - this Friday

Hey Dot

Would eighth of July also work for you. That is probably best for me at this stage?

[REDACTED]

Sent from my iPhone

On 10/06/2024, at 11:08 AM, Dot Dalziell <[Dot.Dalziell@herengaanuku.govt.nz](mailto:Dot.Dalziell@herengaanuku.govt.nz)> wrote:

I am poised to confirm a visit to Aotea for **Monday 15<sup>th</sup> July** – is that date still available for the [REDACTED] gig?

X D

**Dot Dalziell**

Kaitohutohu ā-Rohe | Regional Field Advisor  
+64 21379132

*I work part-time and variable hours, and will respond to enquiries as soon as possible.*

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**From:** Dot Dalziell  
**Sent:** Friday, June 7, 2024 12:38 PM  
**To:** [REDACTED]  
**Subject:** RE: Finally visiting Aotea - this Friday

Kia ora [REDACTED] – good to see you the other week. Super fun to nearly overlap with SIX60 too!

I am working to pin down a visit: July 8<sup>th</sup> looks likely, but I'll confirm when the various moving parts are firmed up.

Xx Dot

**Dot Dalziell**

Kaitohutohu ā-Rohe | Regional Field Advisor  
+64 21379132

*I work part-time and variable hours, and will respond to enquiries as soon as possible.*

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**From:** [REDACTED]  
**Sent:** Thursday, May 30, 2024 5:31 PM  
**To:** Dot Dalziell <[Dot.Dalziell@herengaanuku.govt.nz](mailto:Dot.Dalziell@herengaanuku.govt.nz)>  
**Subject:** Re: Finally visiting Aotea - this Friday

Hey Dot

Good to see you

I have a slot July 8 or 15 if that would work for you?

Sent from my iPhone

On 15/05/2024, at 4:18 PM, Dot Dalziell <[Dot.Dalziell@herengaanuku.govt.nz](mailto:Dot.Dalziell@herengaanuku.govt.nz)> wrote:

Great! See you Friday afternoon.

Anything you fancy brought over from the big island?

Dot

**Dot Dalziell**

Kaitohutohu ā-Rohe | Regional Field Advisor  
+64 21379132

*I work part-time and variable hours, and will respond to enquiries as soon as possible.*

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**From:** [REDACTED]  
**Sent:** Wednesday, May 15, 2024 2:47 PM  
**To:** Dot Dalziell <[Dot.Dalziell@herengaanuku.govt.nz](mailto:Dot.Dalziell@herengaanuku.govt.nz)>  
**Subject:** Re: Finally visiting Aotea - this Friday

2.30 would be great Dot

Opposite Kaitoke School, 1 km end of drive no turning off



Sent from my iPhone

# RE: Aotea ULRs (unformed legal roads) - community connectivity trails project

**From:** Dot Dalziell <Dot.Dalziell@herengaanuku.govt.nz>

**Sent** Thursday 13 June, 2024 11:57 am

**To:** [REDACTED]

**Subject:** RE: Aotea ULRs (unformed legal roads) - community connectivity trails project

**Attachments:**

**Associations:** Publicising access along ULRs, Aotea / Great Barrier Island: Ngā ara hīkoi ki Aotea [6987]

Kia ora [REDACTED] – thanks for the follow up.

I will get in contact with [REDACTED] and request for the matter to go on the Ngati Rehua Ngatiwai Trust Board's agenda.

Ngā mihi o te makariri,

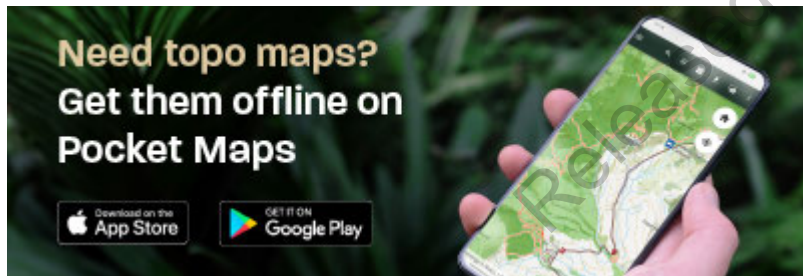
Dot



**Dot Dalziell**

Kaitohutohu ā-Rohe | Regional Field Advisor  
+64 21379132

*I work part-time and variable hours, and will respond to enquiries as soon as possible.*



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**From:** [REDACTED]  
**Sent:** Wednesday, June 12, 2024 8:05 PM  
**To:** Dot Dalziell  
**Subject:** FW: Aotea ULRs (unformed legal roads) - community connectivity trails project

Kia ora Dot, apologies I just realised I returned email to myself.

After a few discussions the Kaumatua have decided that this project should be run through the Ngati Rehua Ngatiwai Trust board and they will Tautoko what decision is made by the trust.

Your best option is to contact [REDACTED] again and ask for it to be put onto their meeting agenda.

I hope this helps, again sorry for the delay.

Ngā mihi

[REDACTED]

---

**From:** [REDACTED]  
**Sent:** Tuesday, June 4, 2024 11:50 AM  
**To:** [REDACTED]  
**Subject:** Re: Aotea ULRs (unformed legal roads) - community connectivity trails project

Thank you Dot, I have received your email and forwarded onto the chair. I will get back to you soon:-)

[REDACTED]

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---

**From:** [REDACTED]  
**Sent:** Tuesday, June 4, 2024 11:49:24 AM  
**To:** [REDACTED]  
**Subject:** Fwd: Aotea ULRs (unformed legal roads) - community connectivity trails project

Kia ora Aunty, here is the email from Dot who wishes to present to you at next month's meeting. Are you happy to accept ?

[REDACTED]

Get [Outlook for Android](#)

**From:** Dot Dalziell <[Dot.Dalziell@herengaanuku.govt.nz](mailto:Dot.Dalziell@herengaanuku.govt.nz)>

**Sent:** Tuesday, June 4, 2024 11:16:26 AM

**To:** [REDACTED]  
**Subject:** FW: Aotea ULRs (unformed legal roads) - community connectivity trails project

Kia ora [REDACTED]

Thanks for your text. I've tried emailing you a couple of times (see below). Also must've miss-read your name on [REDACTED] note - Aroha mai!

Thanks for checking with the Kaumātua Taumata chair re: potential to meet with them this month.

Ngā mihi mahana,

Dot



**Dot Dalziell**

Kaitohutohu ā-Rohe | Regional Field Advisor  
+64 21379132

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**From:** Dot Dalziell

**Sent:** Friday, May 31, 2024 12:12 PM

**To:** [REDACTED] <[\[REDACTED\]@ngatirehua.iwi.nz](mailto:[REDACTED]@ngatirehua.iwi.nz)>

**Cc:** [chair@ngatirehua.iwi.nz](mailto:chair@ngatirehua.iwi.nz); [REDACTED] <[\[REDACTED\]@ngatirehua.iwi.nz](mailto:[REDACTED]@ngatirehua.iwi.nz)>

**Subject:** FW: Aotea ULRs (unformed legal roads) - community connectivity trails project

Tēnā koe [REDACTED]

My apologies – I think I miss-spelled your name in my previous email. I've just left you a voicemail message, and am following up with the details.

I met [REDACTED] at ACPAC hui a fortnight ago, and he gave me your contact number to arrange for the Kaumātua Taumata to consider our project proposal for community connectivity trails along Unformed legal roads in the southern part of Aotea (see information attached).

# FW: Walking Tracks

**From:** Dot Dalziell <Dot.Dalziell@herengaanuku.govt.nz>

**Sent** Wednesday 26 June, 2024 02:32 pm

**To:** [REDACTED]@ngatirehua.iwi.nz>

**CC:** [REDACTED] >, [REDACTED] >

**Subject:** FW: Walking Tracks

**Attachments:** FW: Aotea ULRs (unformed legal roads) - community connectivity trails project.eml, AoteaSouthernULRsTOPO.pdf, AoteaCentralULRsTOPO.pdf, AoteaULRs\_WalkingAccessProjectDraft\_AoteaGreatBarrier\_NgatiRehuaNgatiWaiKiAotea.docx

**Associations:** Publicising access along ULRs, Aotea / Great Barrier Island: Ngā ara hīkoi ki Aotea [6987]

⚠ This email was sent as High priority

Tēnā koe [REDACTED]

[REDACTED] forwarded the request to provide you with the information about our community connectivity trails project, for inclusion in tomorrow's Ngāti Rēhua Ngāti Wai Ki Aotea Iwi Trust Board meeting (see email trial below). Please see the attached project information, including a couple of topo maps indicating the proposed routes for investigation.

## Background:

I am the Regional Field Advisor in Tāmaki Makaurau for Herenga ā Nuku Aotearoa, the Outdoor Access Commission. We are working with the DGBI trustees to facilitate their legacy project on Aotea – which involves re-connecting communities across the southern portion of the motu using unformed legal road parcels. The project vision is to provide walking routes, with further aspirations to support the work of Tū Mai Taonga as it progresses southwards over time.

There may be important matters that should shape the project – e.g. renewed use of ancestral trails, areas where particular care is needed to protect significant cultural sites, or reasons to mark stories linked to the trails. We seek guidance from Ngāti Rēhua Ngāti Wai ki Aotea on bringing the key matters to light – including any resources we could provide to enable this.

I spoke with Trust Board Chair [REDACTED] in September last year, and his guidance was that the project information should be considered by the Kaumātua Committee as a first step. I have attached an email from [REDACTED] summarising the feedback from the Kaumātua Taumata Committee, who have had a look at the material and referred it back to the Iwi Trust Board to consider.

I am available to front up to the discussions if that would be helpful – and to provide further information that the Trust Board needs to help shape the project.

Mānawatia a Matariki,

Nākū noa, nā Dot





Connecting people  
Connecting places

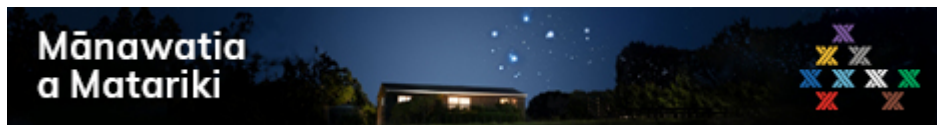
## Dot Dalziell

Kaitohutohu ā-Rohe | Regional Field Advisor  
Herenga ā Nuku Aotearoa  
Outdoor Access Commission

+64 21379132  
[herengaanuku.govt.nz](https://herengaanuku.govt.nz)



*I work part-time and variable hours, and will respond to enquiries as soon as possible.*



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**From:** [REDACTED]  
**Sent:** Wednesday, June 26, 2024 1:54 PM  
**To:** Dot Dalziell  
**Subject:** Fwd: Walking Tracks

Begin forwarded message:

**From:** [REDACTED]@ngatirehua.iwi.nz>  
**Date:** 26 June 2024 at 1:25:24 PM NZST  
**To:** [REDACTED]  
**Cc:** [REDACTED]  
**Subject:** Re: Walking Tracks

Kia ora [REDACTED]

If you forward the relevant information to me (I am currently Secretary for the Trust) so I can include on tomorrow night's agenda.

Ngā Manaakitanga

Released under the Official Information Act



**Ngāti Rehua - Ngātiwai ki Aotea Trust Board**  
*Mandated iwi authority representing the tangata  
whenua of Aotea, Haururu and surrounding islands*



# Ngāti Rehua Ngātiwai ki Aotea Iwi Trust Board

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**From:** [REDACTED]  
**Sent:** Wednesday, June 26, 2024 1:09 PM  
**To:** [REDACTED] <[\[REDACTED\]@ngatirehua.iwi.nz](mailto:[REDACTED]@ngatirehua.iwi.nz)>  
**Cc:** [REDACTED]  
**Subject:** RE: Walking Tracks

Thanks [REDACTED] have cc'd [REDACTED] in so he can contact you re meeting with Trust when ratified, [REDACTED] [REDACTED] is the one in the know re the Trust Board so heres her info, cheers, [REDACTED]

---

**From:** [REDACTED]  
**Sent:** Wednesday, 26 June 2024 1:07 PM  
**To:** [REDACTED]  
**Subject:** Walking Tracks

Ngā Manaakitanga



[REDACTED]  
[REDACTED]  
[REDACTED]  
**Ngāti Rehua - Ngātiwai ki Aotea Trust Board**

*Mandated iwi authority representing the tangata whenua of Aotea, Haururu and surrounding islands*

Released under the Official Information Act

# RE: Walking Access project using Unformed Legal Roads

**From:** Dot Dalziell <Dot.Dalziell@herengaanuku.govt.nz>

**Sent** Wednesday 10 July, 2024 10:48 am

**To:** [REDACTED]

**Subject:** RE: Walking Access project using Unformed Legal Roads

**Attachments:**

**Associations:** Publicising access along ULRs, Aotea / Great Barrier Island: Ngā ara hīkoi ki Aotea [6987]

Kia ora [REDACTED] – no news from [REDACTED] I'll email again today.

Dot



**Dot Dalziell**

Kaitohutohu ā-Rohe | Regional Field Advisor  
+64 21379132

*I work part-time and variable hours, and will respond to enquiries as soon as possible.*



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**From:** [REDACTED]

**Sent:** Wednesday, July 10, 2024 10:25 AM

**To:** Dot Dalziell

**Subject:** Re: Walking Access project using Unformed Legal Roads

Hi Dot

I haven't heard back from [REDACTED] yet. Did you hear anything back from [REDACTED] at the Iwi Trust Board?

Hope this lovely weather continues for your trip next week.

[REDACTED]

---

**From:** Dot Dalziell

**Date:** Tuesday, 9 July 2024 at 10:56 AM

**To:** [REDACTED]

**Subject:** FW: Walking Access project using Unformed Legal Roads

Kia ora [REDACTED]

Thanks for following up with [REDACTED] Good idea re lunch meeting Monday.

Ngā mihi,

Dot



**Dot Dalziell**

Kaitohutohu ā-Rohe | Regional Field Advisor  
+64 21379132

*I work part-time and variable hours, and will respond to enquiries as soon as possible.*

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---

**From:** [REDACTED]  
**Sent:** Tuesday, July 9, 2024 9:45 AM  
**To:** [REDACTED]  
**Cc:** Dot Dalziel  
**Subject:** Walking Access project using Unformed Legal Roads

Kia ora [REDACTED]

Just following up on this as we would like to meet with you to hear your views on the proposed walking connection project around Aotea (mostly in the southern half). Dot Dalziel works for Herenga ā Nuku (Walking Access Commission) and will be on island next Monday (15<sup>th</sup>). In previous conversation with you, it sounded like you had some interest in the origins of the unformed legal roads because many of them used pre-existing trails around the island and there could be some interesting cultural issues and stories arising. The Kaumatua Committee has considered the project and has handed it back to the Iwi Trust Board for their consideration. We are waiting to hear back.

Would you like to join us for lunch at the Puku next Monday? We'd like to discuss the plans with you and hear if you have an interest in being involved in some capacity. There is funding to enable payments and koha.

If this interests you, we'd love to meet on the 15<sup>th</sup> if you are free.

Nga mihi  
[REDACTED]

---

**From:** [REDACTED]  
**Date:** Tuesday, 14 May 2024 at 6:04 AM  
**To:** [REDACTED]  
**Subject:** Re: For [REDACTED]

Good morning [REDACTED]

Aroha mai at this time I am [REDACTED] not home till early June

Mauri ora  
[REDACTED]

On Mon, May 13, 2024, 10:08 [REDACTED] wrote:

Kia ora [REDACTED]

## FW: Walking Tracks

**From:** Dot Dalziell <Dot.Dalziell@herengaanuku.govt.nz>

**Sent:** Friday 12 July, 2024 09:44 am

**To:** [REDACTED]@ngatirehua.iwi.nz>

**CC:** [REDACTED]

**Subject:** FW: Walking Tracks

**Attachments:** FW: Aotea ULRs (unformed legal roads) - community connectivity trails project.eml, AoteaSouthernULRsTOPO.pdf, AoteaCentralULRsTOPO.pdf, AoteaULRs\_WalkingAccessProjectDraft\_AoteaGreatBarrier\_NgatiRehuaNgatiWaiKiAotea.docx

**Associations:** Publicising access along ULRs, Aotea / Great Barrier Island: Ngā ara hīkoi ki Aotea [6987]

⚠ This email was sent as High priority

Kia ora [REDACTED]

Just following up on the project brief and map info I sent to you for the Trust Board to consider at the meeting last month.

Was there any feedback?

Might be easier to talk directly - my phone number is 021 379132.

Ngā mihi nui,

Dot



**Dot Dalziell**

Kaitohutohu ā-Rohe | Regional Field Advisor  
+64 21379132

*I work part-time and variable hours, and will respond to enquiries as soon as possible.*



# RE: Finally visiting Aotea - this Friday

**From:** Dot Dalziell <Dot.Dalziell@herengaanuku.govt.nz>

**Sent:** Friday 12 July, 2024 09:39 am

**To:** [REDACTED]

**CC:** [REDACTED]

**Subject:** RE: Finally visiting Aotea - this Friday

**Attachments:** DotAtuatumoe.JPG

**Associations:** Publicising access along ULRs, Aotea / Great Barrier Island: Ngā ara hīkoi ki Aotea [6987]

Kia ora [REDACTED]

Happy 50<sup>th</sup> episode (for Monday). Looking forward to being part of [REDACTED] What time shall I rock up to the Radio Station?

Will bring print maps with me.

See photo attached – that's me canyoning, Atuatūmoe Canyon, Kauaeranga Valley.

Background on the Trust – I'll ask [REDACTED] to provide that.

## Background on Herenga ā Nuku Aotearoa

Herenga ā Nuku Aotearoa the Outdoor Access Commission is a small government entity with an independent board. Our main job is to work with communities to develop a comprehensive and safe network of tracks, trails and public access across Aotearoa. We provide information and advice on the types of access you might find on private and public land, rivers, lakes, walkways, unformed legal road, and easements – our mapping system WAMS and our Pocket Maps App are used by trampers, hunters, day walkers, historians, and anyone who is looking to use, protect or enhance public access in the outdoors.

I work for the Commission as Regional Field Advisor in Tāmaki Makaurau, and covering also for Te Tairāwhiti and Te Matau a Māui (Gisborne & Hawke's Bay) at present.

## Project Brief:

This project was initiated by Destination Great Barrier Island. [REDACTED] and fellow trustees contacted me last year to see whether this was work the Commission could take on. The main mahi is ground truthing potential trails along unformed legal roads in the southern part of Aotea – looking to connect walking routes between the coastal communities, hoping also to bring together stories of the whenua – walking and storytelling are great companions. Of course, stories belong to people or groups, and storytelling is the prerogative of the person or group. But we hope this project is attracts people and their stories!

We really are a small agency – Herenga ā Nuku Aotearoa – and we always and only work with others to bring about shared objectives: in this case, enhanced community connectivity on Aotea.

## Song Choices:

Land of Plenty – OMC (Otago Millionaires Club)

Ngoi Ngoi – Pātea Māori Club

High on Ingoingo – Pere Wihongi

Other options:

Weta Weriweri – Hirini Melbourne

Papa E - Te Vaka

Me Myself I – Joan Armatrading

Ngā mihi o te rā Mokopuna nei,

X Dot



**Dot Dalziell**

Kaitohutohu ā-Rohe | Regional Field Advisor  
+64 21379132

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**From:** [REDACTED]  
**Sent:** Thursday, July 11, 2024 5:57 PM  
**To:** Dot Dalziell  
**Subject:** Re: Finally visiting Aotea - this Friday

Hi Dot



Looking forward to our interview on Monday

You'll be in my 50th so if you celebrations on Monday as well

Can you send me a photo of yourself, background on your trust and brief, and three song choices

Can you also print out and bring with you maps of the paper roads of the island. This is much easier for me to respond to discuss and comment on in the studio then looking at a screen

Thanks [REDACTED]

Sent from my iPhone

On 11/06/2024, at 10:19 AM, Dot Dalziell <[Dot.Dalziell@herengaanuku.govt.nz](mailto:Dot.Dalziell@herengaanuku.govt.nz)> wrote:

Sorry [REDACTED] I can't do the 8<sup>th</sup> – and I've booked for being on the island for the 15<sup>th</sup>.

**Dot Dalziell**

Kaitohutohu ā-Rohe | Regional Field Advisor  
+64 21379132

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# RE: Walking Tracks

**From:** Dot Dalziell <Dot.Dalziell@herengaanuku.govt.nz>

**Sent:** Friday 12 July, 2024 01:35 pm

**To:** [REDACTED]@ngatirehua.iwi.nz>

**CC:** [REDACTED]

**Subject:** RE: Walking Tracks

**Attachments:**

**Associations:** Publicising access along ULRs, Aotea / Great Barrier Island: Ngā ara hīkoi ki Aotea [6987]

Thanks [REDACTED] – I look forward to our kōrero this afternoon.

Ngā mihi maioha,

Dot



**Dot Dalziell**

Kaitohutohu ā-Rohe | Regional Field Advisor  
+64 21379132

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**From:** [REDACTED]  
**Sent:** Friday, July 12, 2024 10:33 AM  
**To:** Dot Dalziell  
**Cc:** [REDACTED]  
**Subject:** Re: Walking Tracks

Kia ora

Great idea I will call you this afternoon 2pm on if that's okay

Ngā Manaakitanga



[REDACTED]  
[REDACTED]  
[REDACTED]  
**Ngāti Rehua - Ngātiwai ki Aotearoa Trust Board**

*Mandated iwi authority representing the tangata whenua of Aotearoa,  
Hauturu and surrounding islands*

---

**From:** Dot Dalziell  
**Sent:** Friday, July 12, 2024 9:44 AM  
**To:** [REDACTED]  
**Cc:** [REDACTED]  
**Subject:** FW: Walking Tracks

Kia ora [REDACTED]

Just following up on the project brief and map info I sent to you for the Trust Board to consider at the meeting last month.

Was there any feedback?

Might be easier to talk directly - my phone number is 021 379132.

Ngā mihi nui,

Dot

# Re: Finally visiting Aotea - this Friday

**From:** Dot Dalziell <Dot.Dalziell@herengaanuku.govt.nz>

**Sent:** Sunday 14 July, 2024 01:12 pm

**To:** [REDACTED]

**Subject:** Re: Finally visiting Aotea - this Friday

**Associations:** Publicising access along ULRs, Aotea / Great Barrier Island: Ngā ara hīkoi ki Aotea [6987]

Ka pai!

Sent via the Samsung Galaxy S10e, an AT&T 5G Evolution capable smartphone  
Get [Outlook for Android](#)

**From:** [REDACTED]

**Sent:** Saturday, July 13, 2024 1:58:16 PM

**To:** Dot Dalziell

**Subject:** Re: Finally visiting Aotea - this Friday

Hi dot

See you at the station just before 10 am kick off

[REDACTED]  
Sent from my iPhone

On 12/07/2024, at 10:53 AM, Dot Dalziell wrote:

Kia ora [REDACTED]

Happy 50<sup>th</sup> episode (for Monday). Looking forward to being part of Island Stories What time shall I rock up to the Radio Station?

Will bring print maps with me.

See photo attached – that's me canyoning, Atuatūmoe Canyon, Kauaeranga Valley.

Background on the Trust – I'll ask [REDACTED] to provide that.

## **Background on Herenga ā Nuku Aotearoa**

Herenga ā Nuku Aotearoa the Outdoor Access Commission is a small government entity with an independent board. Our main job is to work with communities to develop a comprehensive and safe network of tracks, trails and public access across Aotearoa. We provide information and advice on the types of access you might find on private and public land, rivers, lakes, walkways, unformed legal road, and easements – our mapping system WAMS and our Pocket Maps App are used by trampers, hunters, day walkers, historians, and anyone who is looking to use, protect or enhance public access in the outdoors.

I work for the Commission as Regional Field Advisor in Tāmaki Makaurau, and covering also for Te Tairāwhiti and Te Matau a Māui (Gisborne & Hawke's Bay) at present.

## **Project Brief:**

This project was initiated by Destination Great Barrier Island. [REDACTED] and fellow trustees contacted me last year to see whether this was work the Commission could take on. The main mahi is ground truthing potential trails along unformed legal roads in the southern part of Aotea – looking to

## Fw: Walking Tracks

**From:** [REDACTED]@ngatirehua.iwi.nz>

**Received** Tuesday 20 August, 2024 01:55 pm

**To:** [REDACTED]@ngatirehua.iwi.nz>

**CC:** Dot Dalziell <Dot.Dalziell@herengaanuku.govt.nz>

**Subject:** Fw: Walking Tracks

**Attachments:**

**Associations:** Publicising access along ULRs, Aotea / Great Barrier Island: Ngā ara hīkoi ki Aotea [6987]

Kia ora [REDACTED]

Dot would like to discuss this in lieu of [REDACTED] absence to check in on contributing to this kaupapa.

Ngā Manaakitanga



**Ngāti Rehua - Ngātiwai ki Aotea Trust Board**

*Mandated iwi authority representing the tangata whenua of Aotea,  
Hauturu and surrounding islands*

**From:** [REDACTED]

**Sent:** Saturday, 13 July 2024 5:09 am

**To:** Dot Dalziell

**Cc:** [REDACTED]; [REDACTED]

**Subject:** Re: Walking Tracks

Kia ora Dot

Many thanks for the korero yesterday. As discussed, the trust is in a transition at the moment and we'll chat next week about a possible catch up around a plan after seeking advisory. I have cc'd [REDACTED] as the Taiao trustee. Many thanks for your patience.

Ngā Manaakitanga

**Ngāti Rehua - Ngātiwai ki Aotearoa Trust Board**

Mandated iwi authority representing the tangata whenua of Aotearoa,  
Hauturu and surrounding islands

**From:** Dot Dalziell**Sent:** Friday, July 12, 2024 1:35 PM**To:** [REDACTED]**Cc:** [REDACTED]**Subject:** RE: Walking Tracks

Thanks [REDACTED] – I look forward to our kōrero this afternoon.

Ngā mihi maioha,

Dot

**Dot Dalziell**

Kaitohutohu ā-Rohe | Regional Field Advisor  
+64 21379132

*I work part-time and variable hours, and will respond to enquiries as soon as possible.*

**Mānawatia  
a Matariki**



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**From:** [REDACTED]**Sent:** Friday, July 12, 2024 10:33 AM**To:** Dot Dalziell**Cc:** [REDACTED]**Subject:** Re: Walking Tracks

Kia ora

Great idea I will call you this afternoon 2pm on if that's okay

# Funding and Iwi engagement update

**From:** Dot Dalziell <Dot.Dalziell@herengaanuku.govt.nz>

**Sent:** Monday 16 September, 2024 05:37 pm

**To:** [REDACTED]

**Subject:** Funding and Iwi engagement update

**Attachments:**

**Associations:** Publicising access along ULRs, Aotea / Great Barrier Island: Ngā ara hīkoi ki Aotea [6987]

Kia ora [REDACTED]

Sorry - couldn't take your call late last week. I have had approval in principle for us holding the \$5K koha for the specific purpose DGBI has specified. Am awaiting further instructions as to what we need from you...

I haven't heard back from [REDACTED] at Ngāti Rehua Ngātiwai ki Aotea . Will chase (again) this week.

Ngā mihi,

Dot



Connecting people  
Connecting places

**Dot Dalziell**

Kaitohutohu ā-Rohe | Regional Field Advisor  
Herenga ā Nuku Aotearoa  
Outdoor Access Commission

+64 21379132  
[herengaanuku.govt.nz](mailto:herengaanuku.govt.nz)



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**AKE AKE AKE**  
A FOREVER LANGUAGE  
KIA KAHA TE REO MĀORI

**Te Wiki o te Reo Māori**  
14–21 o Hepetema 2024

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# Holding \$5K on behalf of Destination Great Barrier Island

**From:** Dot Dalziell <Dot.Dalziell@herengaanuku.govt.nz>

**Sent** Thursday 26 September, 2024 11:14 am

**To:** Ric Cullinane <ric.cullinane@herengaanuku.govt.nz>, Phil Culling <phil.culling@herengaanuku.govt.nz>

**CC:** Kirsti Douglas <kirsti.Douglas@herengaanuku.govt.nz>

**Subject:** Holding \$5K on behalf of Destination Great Barrier Island

**Attachments:**

**Associations:** Publicising access along ULRs, Aotea / Great Barrier Island: Ngā ara hīkoi ki Aotea [6987]

Kia ora kōrua,

I spoke with Ric a few days back about Herenga ā Nuku holding the \$5K from Destination Great Barrier Island (DGBI) - who are disestablishing themselves as a Trust, and needing to clear out their accounts. DGBI wants the money to be offered as koha to Aotea iwi Ngāti Rehua Ngātiwai Ki Aotea, to engage the iwi in the planning for the ULR trails project on the island.

Ric immediately agreed in principle that we could hold that money for the purpose proposed.

We identified that your guidance is needed, Phil. Can you tell me what DGBI needs to provide to ensure that the money is set aside in our accounts for the purpose they've identified?

Ngā mihi,

Dot



Connecting people  
Connecting places

**Dot Dalziell**

Kaitohutohu ā-Rohe | Regional Field Advisor  
Herenga ā Nuku Aotearoa  
Outdoor Access Commission

+64 21379132  
[herengaanuku.govt.nz](mailto:herengaanuku.govt.nz)



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## RE: Email contact for transfer of funds

**From:** Phil Culling <phil.culling@herengaanuku.govt.nz>

**Received** Tuesday 1 October, 2024 09:02 am

**To:** [REDACTED]

**CC:** Kirsti Douglas <kirsti.Douglas@herengaanuku.govt.nz>, Dot Dalziell <Dot.Dalziell@herengaanuku.govt.nz>, [REDACTED] Joy Yang <joy.yang@herengaanuku.govt.nz>

**Subject:** RE: Email contact for transfer of funds

**Attachments:**

**Associations:** Publicising access along ULRs, Aotea / Great Barrier Island: Ngā ara hīkoi ki Aotea [6987]

Kia ora [REDACTED]

Happy to help.

Kind regards

Phil



**Phil Culling**

Tumuaki Tuarua | Deputy Chief Executive  
[+64 278158521](tel:+64278158521)

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**From:** [REDACTED]

**Sent:** Tuesday, 1 October 2024 7:08 am

**To:** Phil Culling

**Cc:** Kirsti Douglas ; Dot Dalziell ; [REDACTED]

**Subject:** Re: Email contact for transfer of funds

Hello Phil

Thankyou to Herenga ā Nuku for agreeing to manage these funds. In addition to the \$50,000.00 that Destination Great Barrier Island (DGBI) has provided for the proposed investigation of ULRs on Aotea/GBI, we are making a further \$5000.00 available. We propose that this additional money be used as a form of koha to local iwi for their involvement in the project, and that Herenga ā Nuku can use this money as you see fit, during the duration of the project. Should local iwi choose not to be involved, the fall-back position is that this money can be used for the project in general, at Herenga ā Nuku's discretion.

I've copied in [REDACTED], who will arrange for this money to be transferred today or tomorrow, to the account that we originally transferred the original \$50k.

Once again, many thanks. We are looking forward to seeing the project take its next steps.

Sincerely

[REDACTED]

---

**From:** Dot Dalziell <[Dot.Dalziell@herengaanuku.govt.nz](mailto:Dot.Dalziell@herengaanuku.govt.nz)>

**Date:** Thursday, 26 September 2024 at 2:39 PM

**To:** [REDACTED]

**Cc:** Phil Culling <[phil.culling@herengaanuku.govt.nz](mailto:phil.culling@herengaanuku.govt.nz)>, Kirsti Douglas <[kirsti.Douglas@herengaanuku.govt.nz](mailto:kirsti.Douglas@herengaanuku.govt.nz)>

**Subject:** Email contact for transfer of funds

Kia ora [REDACTED]

Can you please email the following information to our Deputy CE Phil Culling (copied in), and copy to Kirsti Douglas (Operations Manager) and me:

- Purpose of funds
- Amount of funds
- Intended recipient

DGBI can either pay the money into the Commission's account and request receipt, or wait for issue of invoice from the Commission early next week.

Ngā mihi,

Dot



Connecting people  
Connecting places

**Dot Dalziell**

Kaitohutohu ā-Rohe | Regional Field Advisor  
Herenga ā Nuku Aotearoa  
Outdoor Access Commission

+64 21379132  
[herengaanuku.govt.nz](mailto:herengaanuku.govt.nz)



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Released under the Official Information Act

# FW: Great Barrier

**From:** Dot Dalziell <Dot.Dalziell@herengaanuku.govt.nz>

**Sent:** Sunday 13 October, 2024 06:14 pm

**To:** Phil Culling <phil.culling@herengaanuku.govt.nz>, Joy Yang <joy.yang@herengaanuku.govt.nz>

**Subject:** FW: Great Barrier

**Attachments:**

**Associations:** Publicising access along ULRs, Aotea / Great Barrier Island: Ngā ara hīkoi ki Aotea [6987]

Kia ora kōrua,

Destination Great Barrier Island Trust [REDACTED] notes that the transfer to Commission of \$5K for future koha for Aotea iwi has yet to take place (see details below).

Ngā mihi,

Dot



**Dot Dalziell**

Kaitohutohu ā-Rohe | Regional Field Advisor  
+64 21379132

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**From:** [REDACTED]

**Sent:** Wednesday, 9 October 2024 9:40 am

**To:** Dot Dalziell

**Cc:** [REDACTED]

**Subject:** Great Barrier

Hi Dot



Just wanting to let you know that we have had a delay with transferring the koha money – one of our bank account signatories has been unavailable due to personal circumstances. We are aiming to get the money across in the next few days.

Also worth mentioning is the on-island presence of a professional surveyor [REDACTED]. He is very interested in being involved in the exploration of the ULRs, as a side activity, and I wonder if he could possibly be an alternative option to using someone like [REDACTED]. Being a well-liked local, he could bring other benefits and could potentially recruit an assistant to help with route-finding and marking. He is a good friend with [REDACTED]. [REDACTED] was interviewed by [REDACTED] recently and talked about the ULR project. You can listen to it on Spotify [REDACTED].

Hope all is good with you Dot

[REDACTED]

Released under the Official Information Act

# RE: Great Barrier

**From:** Dot Dalziell <Dot.Dalziell@herengaanuku.govt.nz>

**Sent:** Wednesday 9 October, 2024 12:27 pm

**To:** [REDACTED]

**CC:** [REDACTED]

**Subject:** RE: Great Barrier

**Attachments:**

**Associations:** Publicising access along ULRs, Aotea / Great Barrier Island: Ngā ara hīkoi ki Aotea [6987]

Kia ora [REDACTED] – thanks for keeping me in the loop. I'll let head office know of the delay.

Thanks also for suggestion re [REDACTED] surveyor. Nice one!

Dot



**Dot Dalziell**

Kaitohutohu ā-Rohe | Regional Field Advisor  
+64 21379132

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**From:** [REDACTED]  
**Sent:** Wednesday, 9 October 2024 9:40 am  
**To:** Dot Dalziell  
**Cc:** [REDACTED]  
**Subject:** Great Barrier

Hi Dot

## Unformed Legal Roads, Great Barrier Island

**From:** [REDACTED]  
**Received:** Tuesday 22 October, 2024 08:55 am  
**To:** Dot Dalziel <Dot.Dalziel@herengaanuku.govt.nz>  
**CC:** [REDACTED]  
**Subject:** Unformed Legal Roads, Great Barrier Island  
**Attachments:** SO\_21349\_C\_I1.jpg  
**Associations:** Publicising access along ULRs, Aotea / Great Barrier Island: Ngā ara hīkoi ki Aotea [6987]

---

Good morning Dot,

By way of introduction, I am a Licensed Cadastral Surveyor [REDACTED]

I have been contacted by [REDACTED] (cc'd above) and we have talked about the Unformed Legal Roads that exist on the Island

The freely available LINZ Cadastral Database is a very good tool for finding bdys but must be used with a certain amount of caution.

Land Information NZ (LINZ) assign "Orders" to all marks in their database and the Orders range from 0 (zero) to 12 depending on when and how they were surveyed and what equipment was used. Normal Boundary marks are 6<sup>th</sup> or 7<sup>th</sup> Order and the accuracy of their position is +/- 150mm (6 inches) and the accuracy compared to marks surrounding them is +/- 30mm

A Zero Order mark is very accurate, it typically has a permeant GPS set up over it and is monitoring the position constantly.

Many old marks on Great Barrier Island have been defined as being 10<sup>th</sup> Order, and their positional accuracy is +/- 20m and the accuracy compared to the surrounding marks is +/- 3m. The screen grab below is a very good example. It is of land near Okiwi Airfield. The aerial photo is very well defined (positionally accurate) and the western boundary of the airfield has been defined as being on the fence line. If you look at the photo, you will see that the Cadastral Data is approx. 17m out of position. The small numbers beside the bdy marks denote their Order, in this case 10<sup>th</sup> Order. Not all bdys are this bad, but this is a good example.

Released under the Official Information Act



My point is that it is important to understand the limits of the data especially when defining unformed legal roads as many have not been surveyed recently.

I attach a copy of SO 21349 which is the plan of the crown land between Okupu and Kaitoke which was done in 1921.

If we also add in the accuracy of a hand held GPS which on a good day is accurate to 5m and under tree or canopy could be worse, you could be a long way off the legal Road

Very happy to discuss this, I have 43 years of horror stories when talking about land definition! The definition of finding the location of the roads is tricky, but definitely not impossible. I fully support the project, I just want to ensure that we get the roads in the correct position.

Below is a screen grab showing the Order of bdys between Okupu and Kaitoke. You will note that the western end is 10<sup>th</sup> Order and the eastern end is 7<sup>th</sup> Order.. this is because development has taken place on the Kaitoke side and the land has been defined much more recently





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100

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TRYPHENA

VI

TRYPHENA

PARISH

OF AOTEA

VII

PLAN OF  
TOPOGRAPHICAL SURVEY  
OF  
CROWN LAND  
AOTEA PARISH.  
BLOCKS II, III, TRYPHENA S.D.

Scale 10 Chains to an inch.  
Surveyed by T. Johnston Sep. 1920.

|  |                   |
|--|-------------------|
| Area of Wet Swamp.                         | 334 Acres         |
| Dry Swamp.                                 | 27 Acres          |
| Sand Hills.                                | 120 Acres         |
| Undulating Ploughable Land.                | 84 Acres          |
| Poor hills in fern and totara.             | 872 Acres         |
| Area of Forest Land:                       |                   |
| N.E. 85 & S.W. 84.                         | 147 Acres         |
| Area in poor light Manuka S.E. 127.        | 36 Acres          |
| Area in light bush Manuka & fern S.E. 125. | 78 Acres          |
| Area in heavy Manuka N.E. 87.              | 60 Acres          |
| Area in Swamp N.E. 87.                     | 12 Acres          |
| <b>Total</b>                               | <b>2360 Acres</b> |

APPROVED  
T. Johnston  
CHIEF SURVEYOR  
1920





RE: Unformed Legal Roads, Great Barrier Island

**From:** Dot Dalziell <Dot.Dalziell@herengaanuku.govt.nz>  
**Sent** Tuesday 22 October, 2024 12:49 pm  
**To:** [REDACTED]  
**CC:** [REDACTED] Catherine Monk <Catherine.Monk@herengaanuku.govt.nz>  
**Subject:** RE: Unformed Legal Roads, Great Barrier Island  
**Attachments:**  
**Associations:** Publicising access along ULRs, Aotea / Great Barrier Island: Ngā ara hīkoi ki Aotea [6987]

Kia ora [REDACTED]

[REDACTED] has alerted me to your presence on Aotea GBI and the potential to involved you in the project. I look forward to having a kōrero with you to gauge your interest and availability.

I really appreciate the time you have taken to identify potential issues with locating unformed legal roads on Aotea. I have received guidance about the limitations of cadastral data from our Land Advisor - who used to work at LINZ. I appreciate the detail you've included around Orders of accuracy – it all adds to my understanding and awareness.

I also enjoyed listening to [REDACTED] recent interview with you ([REDACTED])

Mā te wā – speak soon,

Dot



**Dot Dalziell**

Kaitohutohu ā-Rohe | Regional Field Advisor  
+64 21379132

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**From:** [REDACTED]  
**Sent:** Tuesday, 22 October 2024 8:55 am  
**To:** Dot Dalziell  
**Cc:** [REDACTED]  
**Subject:** Unformed Legal Roads, Great Barrier Island

Good morning Dot,

By way of introduction, I am a Licensed Cadastral Surveyor [REDACTED]

I have been contacted by [REDACTED] (cc'd above) and we have talked about the Unformed Legal Roads that exist on the Island

The freely available LINZ Cadastral Database is a very good tool for finding bdys but must be used with a certain amount of caution.



## RE: Unformed Legal Roads, Great Barrier Island

---

**From:** [REDACTED]

**Received** Thursday 24 October, 2024 12:21 pm

**To:** Dot Dalziell <Dot.Dalziell@herengaanuku.govt.nz>

**CC:** [REDACTED] Catherine Monk <Catherine.Monk@herengaanuku.govt.nz>

**Subject:** RE: Unformed Legal Roads, Great Barrier Island

**Attachments:**

**Associations:** Publicising access along ULRs, Aotea / Great Barrier Island: Ngā ara hīkoi ki Aotea [6987]

---

Hi Dot

I have calculated the true position of the Unformed Legal Road from Okupu to the top of Kaitoke Lane

The screen grab below

The white lines are the data from the LINZ Cadastral Database, the red and Yellow lines are from my recent calculations.

There is a difference in the peg position of 5.26m between what the freely available data shows and the actual position that I would expect the bend to be

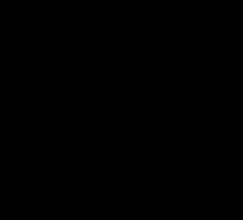
Not a huge amount, but worthy of a mention

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[Redacted]  
Licensed Cadastral Surveyor

B.Surv MS+SNZ



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**From:** Dot Dalziell  
**Sent:** Tuesday, 22 October 2024 12:49 pm

Re: Unformed Legal Roads, Great Barrier Island

**From:** [redacted]  
**Received** Sunday 27 October, 2024 02:44 pm  
**To:** Dot Dalziell <Dot.Dalziell@herengaanuku.govt.nz>  
**CC:** [redacted] Catherine Monk <Catherine.Monk@herengaanuku.govt.nz>  
**Subject:** Re: Unformed Legal Roads, Great Barrier Island  
**Attachments:**  
**Associations:** Publicising access along ULRs, Aotea / Great Barrier Island: Ngā ara hīkoi ki Aotea [6987]

Happy to chat anytime Dot  
[Get Outlook for Android](#)

**From:** Dot Dalziell  
**Sent:** Friday, October 25, 2024 4:35:54 PM  
**To:** [redacted]  
**Cc:** [redacted]; Catherine Monk  
**Subject:** RE: Unformed Legal Roads, Great Barrier Island  
Kia ora [redacted] – I've had a phonecall with [redacted] this afternoon, and he has caught me up with the idea of focusing on the Kaitoke Lane – Okupu route, so that we can test the approach and apply learnings to the wider network of routes identified within the project.  
I'm in Wellington for work next week – would you have time the following week (starting 3<sup>rd</sup> Nov) for a chat?  
Thanks for your time and interest.  
Ngā mihi,  
Dot



**Dot Dalziell**  
Kaitohutohu ā-Rohe | Regional Field Advisor  
+64 21379132

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**From:** [redacted]  
**Sent:** Thursday, 24 October 2024 12:21 pm  
**To:** Dot Dalziell  
**Cc:** [redacted]; Catherine Monk  
**Subject:** RE: Unformed Legal Roads, Great Barrier Island  
Hi Dot  
I have calculated the true position of the Unformed Legal Road from Okupu to the top of Kaitoke Lane  
The screen grab below  
The white lines are the data from the LINZ Cadastral Database, the red and Yellow lines are from my recent calculations.  
There is a difference in the peg position of 5.26m between what the freely available data shows and the actual position that I would expect the bend to be  
Not a huge amount, but worthy of a mention

# RE: Unformed Legal Roads, Great Barrier Island

**From:** Dot Dalziell <Dot.Dalziell@herengaanuku.govt.nz>

**Sent** Thursday 21 November, 2024 05:58 pm

**To:** [REDACTED]

**Subject:** RE: Unformed Legal Roads, Great Barrier Island

**Attachments:**

**Associations:** Publicising access along ULRs, Aotea / Great Barrier Island: Ngā ara hīkoi ki Aotea [6987]

Kia ora [REDACTED] – thanks for your message from yesterday. Yes, time to catch up! I'm available tomorrow morning from 9am, otherwise Monday late morning.

Ngā mihi,  
Dot



**Dot Dalziell**

Kaitohutohu ā-Rohe | Regional Field Advisor  
+64 21379132

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**From:** [REDACTED]

**Sent:** Thursday, 21 November 2024 10:29 am

**To:** Dot Dalziell

**Subject:** Re: Unformed Legal Roads, Great Barrier Island

Hi Dot

Time for a catch-up? When's a good time for me to call you?

**From:** Dot Dalziell <[Dot.Dalziell@herengaanuku.govt.nz](mailto:Dot.Dalziell@herengaanuku.govt.nz)>

**Date:** Tuesday, 22 October 2024 at 12:49 PM

**To:** [REDACTED]

**Cc:** [REDACTED] Catherine Monk <[Catherine.Monk@herengaanuku.govt.nz](mailto:Catherine.Monk@herengaanuku.govt.nz)>

**Subject:** RE: Unformed Legal Roads, Great Barrier Island

Kia ora [REDACTED]

[REDACTED] has alerted me to your presence on Aotea GBI and the potential to involved you in the project. I look forward to having a kōrero with you to gauge your interest and availability.



# Thanks [REDACTED] for phonecall - and a plan for Kaitoke-Okupu ground-truthing [AS 6987]

**From:** Dot Dalziell <Dot.Dalziell@herengaanuku.govt.nz>

**Sent:** Friday 22 November, 2024 05:27 pm

**To:** [REDACTED], [REDACTED]

**Subject:** Thanks [REDACTED] for phonecall - and a plan for Kaitoke-Okupu ground-truthing [AS 6987]

**Attachments:**

**Associations:** Publicising access along ULRs, Aotea / Great Barrier Island: Ngā ara hīkoi ki Aotea [6987]

Kia ora [REDACTED] and [REDACTED]

Thanks for your time and enthusiasm on the phone today [REDACTED]. It's exciting having you and your skillset on board. As discussed, here is a summary of what we think needs to happen next:

We agree to focus on the ULR section between the top of Kaitoke Land and Okupu – testing our approach as we go. [REDACTED] is available (with a day's notice) to explore the ULR and record GPS coordinates for ground-truthing the current digitised survey. I understand you are also keen to be directly involved, [REDACTED].

## Iwi engagement

I will send an email to Fletcher Beazley – communicating about the project and reiterating our desire (and offer of koha) for direct iwi involvement. *Early next week - before end of November*

I suggest that we also have a preliminary conversation with [REDACTED] about being archaeologically aware in our approach.

- [REDACTED] to discuss with [REDACTED] and report back. *ASAP*
- I am happy to talk directly with Don at any stage as well – please pass that message on to Don.

## Biosecurity

We have already heard from the Aotea Conservation Park Advisory Cttee (ACPAC) that we need to get biosecurity advice about mitigating biosecurity risks of future use of ULRs.

- I will follow that up with Auckland Council's Biosecurity team, and with DOC. *Before end of November*

## Adjoining Landholders

A key consideration is doing whatever we can to reassure adjoining landholders that the proposed activation of public access along ULRs is of benefit to the community and no real disbenefit to their own landholding.

Communication is key:

- I will draft a letter to be sent to adjoining landholders and the Local Board outlining what we are planning to do and when. *By Friday 13<sup>th</sup> December*

As we are not planning to form a track at this stage, I don't think there is a need to inform Auckland Transport of our ground-truthing activities.

Kaitoke School

There is an opportunity to involve the school community in planning for improved access to-from Okupu along the ULR. Would be good to connect with the school in Term One 2025 – senior students to do some LEOTC (learning outside the classroom) alongside us?

- [REDACTED] – next step?

Local Board

Would be good to keep up a steady pulse of information back to the Local Board:

- Once we are ready to go on the first ground-truthing mission I can book time to brief the board at the next relevant opportunity

Ngā mihi,

Dot



Connecting people  
Connecting places

**Dot Dalziell**

Kaitohutohu ā-Rohe | Regional Field Advisor  
Herenga ā Nuku Aotearoa  
Outdoor Access Commission

[+64 21379132](tel:+6421379132)  
[herengaanuku.govt.nz](https://herengaanuku.govt.nz)



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## FW: Walking Tracks - next steps

**From:** Dot Dalziell <Dot.Dalziell@herengaanuku.govt.nz>

**Sent:** Thursday 5 December, 2024 05:06 pm

**To:** [REDACTED]@ngatirehua.iwi.nz, [REDACTED]@ngatirehua.iwi.nz

**Subject:** FW: Walking Tracks - next steps

**Attachments:** AoteaULRproject\_KaitokeLane\_Okupu.pdf

**Associations:** Publicising access along ULRs, Aotea / Great Barrier Island: Ngā ara hīkoi ki Aotea [6987]

Tēnā kōrua [REDACTED] & [REDACTED]

I am working with a community trust (Destination Great Barrier Island) on Aotea to reconnect walking routes between the settlements in the southern part of the motu. The project is looking at unformed legal roads – and the first route we want to travel connects from Claris along Kaitoke Lane over to Okupu (see the map attached with dotted orange line showing the route).

We are keen to work alongside Ngāti Rehua Ngātiwai ki Aotea to make sure that tikanga is upheld in relation to the whenua, and to acknowledge the traditions relating to these routes. There is putea set aside in the project budget for iwi engagement, and the option of resourcing for ongoing cultural requirements – for example if there is a requirement for iwi cultural assessments and mapping, pou whenua, or other storytelling outcomes.

I have had kōrero with the previous chair of the Trust Board, who sought the views of the Kaumātua committee - who referred the project back to the Board to consider.

Can I ask for guidance on how your organisation would like to engage, and what the barriers might be (e.g. timing, putea, lack of interest?). I'm keen to book time with the Trust Board or staff as soon as possible, to brief your organisation and understand what the iwi requires of us.

Ngā mihi o te Raumati nei

Nāku noa, nā

Dot



**Dot Dalziell**

Kaitohutohu ā-Rohe | Regional Field Advisor  
+64 21379132

*I work part-time and variable hours, and will respond to enquiries as soon as possible.*





**Map key**

|              |                              |
|--------------|------------------------------|
| Walking      | Esplanade Reserves           |
| Shared Use   | Reserve Land                 |
| Road Parcels | DOC Public Conservation Land |

Date: 5/12/2024 2:32 pm

# Aotea ULR project: Kaitoke Lane to Okupu

Map scale: 1:18,056

Created using Herenga ā Nuku Aotearoa I Outdoor Access Commission Maps. Visit [maps.herengaanuku.govt.nz/](https://maps.herengaanuku.govt.nz/)

0

0.4

0.8 km

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AOTEAROA

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Eagle Technology, LINZ, StatsNZ, NIWA, Natural Earth, © OpenStreetMap



# RE: KDB / biosecurity considerations for community connectivity project on Aotea [AS 6987]

**From:** Alistair Smith <alistair.smith@aucklandcouncil.govt.nz>

**Received** Friday 6 December, 2024 04:06 pm

**To:** Dot Dalziell <Dot.Dalziell@herengaanuku.govt.nz>

**CC:** kauri <kauri@aucklandcouncil.govt.nz>

**Subject:** RE: KDB / biosecurity considerations for community connectivity project on Aotea [AS 6987]

**Attachments:**

**Associations:** Publicising access along ULRs, Aotea / Great Barrier Island: Ngā ara hīkoi ki Aotea [6987]

Hi Dot,

So, I believe some of these ideas have been presented before in times gone by.

You would need to create a hygiene plan that covers your scoping activity.

The plan would identify your hygiene plan before arrival , including all equipment.

The plan will also include hygiene control at entry to forest between land parcels , between Kauri catchments when off track, hygiene in and out of any Kauri within the Kauri Hygiene area, what to do if you encounter a Kauri tree that is unwell as well as how gear will maintain hygiene control through the different zones.

GBI has infection in some areas , and your work would be going off track in Kauri forests. I suggest that you would be seeking approval from all landowners to do this, and your hygiene plan will be critical.

For any council area , Auckland Council will need to see the hygiene plan, same for DoC etc.

It would be good to know that the access commission understands the standards required to provide access in a Kauri Forest track ( the legal and ongoing implications? )

These are not limited to infrastructure requirements around Kauri and leading too Kauri hygiene areas , hygiene stations and the maintenance of the track network to protect Kauri and the requirements to meet these standards.

I suggest useful data to collect is all Kauri you encounter on the path within 3 x the drip zone including small Kauri Plants and seedling areas, at these areas the grade or topography will be useful any sick trees you encounter, stream crossings that require bridging also, as these can be natural boundary's separating infection in catchments .Suitability of the site for hygiene stations .

In the future having this information will be critical for ROC , and consent considerations.

The Kauri inbox CC above is maintained by my team and any future requests can include myself and the Kauri inbox we generally review and approve all hygiene plans and consents that involve Kauri governed by Auckland Council as well as collaboratively with other governing agencies have Kauri in there Area of management.

Hope this helps

Warm Regards

Alistair Smith

**Alistair Smith | Senior Kauri Dieback Advisor - Infrastructure  
Environmental Services | Infrastructure & Environmental Services**

Te Wharau o Tāmaki - Auckland House

Level 19, 135 Albert Street, Auckland 1010| Mobile [REDACTED]

Visit our website: [www.aucklandcouncil.govt.nz](http://www.aucklandcouncil.govt.nz)

---

**From:** Dot Dalziell

**Sent:** Thursday, 5 December 2024 2:42 pm

**To:** Sarah Killick ; Alistair Smith

**Subject:** KDB / biosecurity considerations for community connectivity project on Aotea [AS 6987]

**Importance:** High

Tēnā kōrua,

I am the Regional Field Advisor for [Herenga ā Nuku Aotearoa Outdoor Access Commission](#) – a crown entity working with communities to develop tracks, trails and public access across Aotearoa.

We are working with Aotea/Great Barrier locals to improve community walking connectivity in the southern part of the island, using the existing network of unformed legal roads (ULRs). I've presented to Aotea/Great Barrier Local Board on the project, and they've requested we keep them informed of our plans. I have also had preliminary discussions with the previous board chair of Ngātiwai Ngāti Rehua Ki Aotea Trust, and am seeking a discussion with the new Trust Board members about their interests in the project.

We also met with ACPAC (Aotea Conservation Park Advisory Committee) in May this year. At that hui Michael Ngatai (as ACPAC Chair) advised the project team to seek advice on Kauri Dieback management.

The project team is keen to explore a particular route in the near future: the link from the top of Kaitoke Lane (Claris) across to Okupu in the west. See map attached with orange dotted line indicating the ULR route we want to navigate. Here is a [link to our WAMS mapping system](#) for more information on public access areas (including unformed legal roads) on the island.

- the plan is to walk along the ULR with GPS / survey data recording and taking photos and noting observations
- we note that this section of unformed legal road adjoins part of Aotea Conservation Park and Tryphena Reserve (PCL). As a courtesy we would be informing DOC of the plan to walk along the adjacent legal road parcel
- can AC Biosecurity provide us guidance to help ensure we manage biosecurity risks while we set about ground truthing the access along ULRs?

We note that Auckland Transport is the roading authority (at least at present – until that role is given to Auckland Council). We are likely to be working with AT & AC in the future to talk through options for track marking on the legal road parcel, as well as way-finding signs along the formed roading network. At this stage there is no indication that there is any need to form a track (so no need for earthworks).

Ngā mihi,

Dot



Connecting people  
Connecting places

## Dot Dalziell

Kaitohutohu ā-Rohe | Regional Field Advisor  
Herenga ā Nuku Aotearoa  
Outdoor Access Commission

+64 21379132  
[herengaanuku.govt.nz](https://herengaanuku.govt.nz)



*I work part-time and variable hours, and will respond to enquiries as soon as possible.*

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# Re: KDB / biosecurity considerations for community connectivity project on Aotea [AS 6987]

**From:** Alistair Smith <alistair.smith@aucklandcouncil.govt.nz>

**Received** Friday 6 December, 2024 08:00 am

**To:** Dot Dalziell <Dot.Dalziell@herengaanuku.govt.nz>, Sarah Killick <sarah.killick@aucklandcouncil.govt.nz>

**Subject:** Re: KDB / biosecurity considerations for community connectivity project on Aotea [AS 6987]

**Attachments:**

**Associations:** Publicising access along ULRs, Aotea / Great Barrier Island: Ngā ara hīkoi ki Aotea [6987]

Greetings Dot, I'm happy to provide guidance support for this.

Get [Outlook for Android](#)

---

**From:** Dot Dalziell

**Sent:** Thursday, December 5, 2024 2:42:25 PM

**To:** Sarah Killick ; Alistair Smith

**Subject:** KDB / biosecurity considerations for community connectivity project on Aotea [AS 6987]

Tēnā kōrua,

I am the Regional Field Advisor for [Herenga ā Nuku Aotearoa Outdoor Access Commission](#) – a crown entity working with communities to develop tracks, trails and public access across Aotearoa.

We are working with Aotea/Great Barrier locals to improve community walking connectivity in the southern part of the island, using the existing network of unformed legal roads (ULRs). I've presented to Aotea/Great Barrier Local Board on the project, and they've requested we keep them informed of our plans. I have also had preliminary discussions with the previous board chair of Ngātiwai Ngāti Rehua Ki Aotea Trust, and am seeking a discussion with the new Trust Board members about their interests in the project.

We also met with ACPAC (Aotea Conservation Park Advisory Committee) in May this year. At that hui Michael Ngatai (as ACPAC Chair) advised the project team to seek advice on Kauri Dieback management.

The project team is keen to explore a particular route in the near future: the link from the top of Kaitoke Lane (Claris) across to Okupu in the west. See map attached with orange dotted line indicating the ULR route we want to navigate. Here is a [link to our WAMS mapping system](#) for more information on public access areas (including unformed legal roads) on the island.

- the plan is to walk along the ULR with GPS / survey data recording and taking photos and noting observations
- we note that this section of unformed legal road adjoins part of Aotea Conservation Park and Tryphena Reserve (PCL). As a courtesy we would be informing DOC of the plan to walk along the adjacent legal road parcel
- can AC Biosecurity provide us guidance to help ensure we manage biosecurity risks while we set about ground truthing the access along ULRs?

We note that Auckland Transport is the roading authority (at least at present – until that role is given to Auckland Council). We are likely to be working with AT & AC in the future to talk through options for track marking on the legal road parcel, as well as way-finding signs along the formed roading network. At this stage there is no indication that there is any need to form a track (so no need for earthworks).

Ngā mihi,

Dot

# FW: KDB / biosecurity considerations for community connectivity project on Aotea [AS 6987]

**From:** Dot Dalziell <Dot.Dalziell@herengaanuku.govt.nz>

**Sent:** Tuesday 10 December, 2024 09:49 am

**To:** [REDACTED]

**CC:** [REDACTED]

**Subject:** FW: KDB / biosecurity considerations for community connectivity project on Aotea [AS 6987]

**Attachments:**

**Associations:** Publicising access along ULRs, Aotea / Great Barrier Island: Ngā ara hīkoi ki Aotea [6987]

Kia ora [REDACTED]

Please see below the exchange with Alistair Smith, Snr Kauri Dieback Advisor, Auckland Council. The key thing at this stage is a hygiene plan – to cover off the intended activity (walking the ULR from Kaitoke Lane to Okupu, gathering data along the way)

I plan to write back thanking him for the advice and acknowledging the need for a hygiene plan,

- I will reiterate the land we are traversing is public land for which AT is the landholder
- I will ask him for specific guidance AC gives AT around Kauri-safe access along unformed legal roads. E.g. there are ULRs adjoined by park land in the Waitākere Ranges – how does AC require AT to implement KDB safety on the ULRs?
- I will ask him for maps and info on “Kauri catchments”, the “Kauri hygiene area”, and known KDB infection areas on Aotea

I plan to acknowledge that the local board has considered walking connectivity along ULRs in the past, but as we have yet to see the findings / reports from that process we do not know why the project did not proceed.

- I will ask Alistair to supply any advice Biosecurity staff gave to the Local Board to consider during that process
- I will also ask him whether we can have a copy of the Local Board's report / decision making.

[REDACTED] can you give me a reference date / date range for when ULR matter was discussed / decided by the Local Board?

Ngā mihi,

Dot



Dot Dalziell

Kaitohutohu ā-Rohe | Regional Field Advisor  
+64 21379132

*I work part-time and variable hours, and will respond to enquiries as soon as possible.*

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**From:** Alistair Smith  
**Sent:** Friday, 6 December 2024 4:06 pm  
**To:** Dot Dalziell  
**Cc:** kauri  
**Subject:** RE: KDB / biosecurity considerations for community connectivity project on Aotea [AS 6987]

Hi Dot,

So, I believe some of these ideas have been presented before in times gone by.

You would need to create a hygiene plan that covers your scoping activity.

The plan would identify your hygiene plan before arrival , including all equipment.

The plan will also include hygiene control at entry to forest between land parcels , between Kauri catchments when off track, hygiene in and out of any Kauri within the Kauri Hygiene area, what to do if you encounter a Kauri tree that is unwell as well as how gear will maintain hygiene control through the different zones.

GBI has infection in some areas , and your work would be going off track in Kauri forests. I suggest that you would be seeking approval from all landowners to do this, and your hygiene plan will be critical.

For any council area , Auckland Council will need to see the hygiene plan, same for DoC etc.

It would be good to know that the access commission understands the standards required to provide access in a Kauri Forest track ( the legal and ongoing implications? )

These are not limited to infrastructure requirements around Kauri and leading too Kauri hygiene areas , hygiene stations and the maintenance of the track network to protect Kauri and the requirements to meet these standards.

I suggest useful data to collect is all Kauri you encounter on the path within 3 x the drip zone including small Kauri Plants and seedling areas, at these areas the grade or topography will be useful any sick trees you encounter, stream crossings that require bridging also, as these can be natural boundary's separating infection in catchments . Suitability of the site for hygiene stations .

In the future having this information will be critical for ROC , and consent considerations.

The Kauri inbox CC above is maintained by my team and any future requests can include myself and the Kauri inbox we generally review and approve all hygiene plans and consents that involve Kauri governed by Auckland Council as well as collaboratively with other governing agencies have Kauri in there Area of management.

Hope this helps

# RE: KDB / biosecurity considerations for community connectivity project on Aotea [AS 6987]

**From:** Alistair Smith <alistair.smith@aucklandcouncil.govt.nz>

**Received** Wednesday 11 December, 2024 01:01 pm

**To:** Dot Dalziell <Dot.Dalziell@herengaanuku.govt.nz>

**CC:** kauri <kauri@aucklandcouncil.govt.nz>

**Subject:** RE: KDB / biosecurity considerations for community connectivity project on Aotea [AS 6987]

**Attachments:** SOP 2021\_Short Version\_FINAL\_21 03 19.pdf, MPI KD Track Mitigation Guidelines D10 - Final Version.pdf, Kauri Forest Track picture.pdf

**Associations:** Publicising access along ULRs, Aotea / Great Barrier Island: Ngā ara hīkoi ki Aotea [6987]

Hi Dot , here are some documents that may help your understanding.

Here is the short version SOP which is the requirement for those entering a Kauri Forest Area on AC administered lands. Full version is available if you need it, just ask.( this is the advice we provide all parts of council for activities )

Additionally, here is the definition of a Kauri Forest track , as per MPI.

MPI track mitigation guidelines for Kauri Forest tracks, so you understand what sort of mitigation is required.

The national pest management plan and rules are required for all Kauri Forest tracks that are open to the public either for money or free.

What we know do about Kauri Dieback on Aotea is that it is present, and that Kauri is widespread through the Island

Finally, there is a control area notice for Hauraki Gulf , which does include Kauri Dieback Disease

<https://www.aucklandcouncil.govt.nz/environment/what-you-can-do-for-environment/Documents/auraki-gulf-can-2020.pdf>

I trust this is helpful for your understanding.

I am unaware of the report of 2019, as it's a local board report best to discuss with the board.

From what you are saying, if I understand it correctly is it would be ATs permission and responsibility to undertake a scoping exercise for building tracks, as a track with Kauri on it open to the public would need to meet the required standard.( if it is a Kauri Forest track) NZ Handbook of track outdoor visitor track and structure standards should apply also ( Kauri or not I would expect)

<https://www.standards.govt.nz/shop/snz-hb-86302004>

Please keep the Kauri inbox informed on how this goes as we may need to audit the track for compliance in the future if developed.

Warm regards

Alistair Smith



**Alistair Smith | Senior Kauri Dieback Advisor - Infrastructure  
Environmental Services | Infrastructure & Environmental Services**  
Te Wharau o Tāmaki - Auckland House

Level 19, 135 Albert Street, Auckland 1010| Mobile [REDACTED]

Visit our website: [www.aucklandcouncil.govt.nz](http://www.aucklandcouncil.govt.nz)

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**From:** Dot Dalziell  
**Sent:** Tuesday, 10 December 2024 4:12 pm  
**To:** Alistair Smith  
**Cc:** kauri  
**Subject:** RE: KDB / biosecurity considerations for community connectivity project on Aotea [AS 6987]

Kia ora Alistair – thanks so much for your attention and advice on KDB / biosecurity preparations and plans for the project.

Herenga ā Nuku Aotearoa Outdoor Access Commission is responsible for advocating for public outdoor access. While we don't build tracks, I agree that we need to understand the standards required to provide access in a Kauri Forest track (the legal and ongoing implications) before any track developments are planned.

To that end we seek to understand what AC already knows about Kauri Dieback on Aotea, and apply that knowledge to the project at all stages in order to protect healthy kauri and prevent the spread of KDB. During our phonecall today you said that there is no geospatial data for KDB on Aotea, or for location of kauri on the island. You indicated however that we would certainly encounter kauri along the unformed legal roads (ULRs). You confirmed that Aotea Great Barrier is not covered by a Controlled Area Notice.

From your email, the key practical thing needed at this stage is a hygiene plan to cover off the intended activity, which is walking the ULR from Kaitoke Lane to Okupu, gathering survey and observational data along the way. You also noted that we can lodge the hygiene plan with the KDB team for review. I have reviewed the KDB Standard Operating Procedures v 3.0 (published in 2020) from the Tiaki Tāmaki Makaurau website. It lists Great Barrier Aotea as a KDB contaminated area, and provides guidance on standard hygiene practices. You indicated this was an appropriate guideline to follow when creating the hygiene plan.

The land we are traversing is public land for which Auckland Transport is the landholder – we are not traversing other landholdings. On that note, can you provide any specific guidance AC gives AT around Kauri-safe access along unformed legal roads (ULRs)?

As we understand it the Aotea Great Barrier Local Board has previously considered establishing walking connectivity, including along ULRs. There was a report prepared for the Board by Paul Murphy in 2019, but as we have yet to see the findings / report we do not know why the project did not proceed. You indicated that you don't know of any Biosecurity advice provided to the Local Board as part of those considerations. I will ask the Local Board again if we can have a copy of their report / decision making on walking connectivity from that time period. I have looked on info council, but cannot find any reference – perhaps it was a workshop discussion.

Ngā mihi,

Dot



**Dot Dalziell**

Kaitohutohu ā-Rohe | Regional Field Advisor  
+64 21379132

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**From:** Alistair Smith <[alistair.smith@aucklandcouncil.govt.nz](mailto:alistair.smith@aucklandcouncil.govt.nz)>  
**Sent:** Friday, 6 December 2024 4:06 pm  
**To:** Dot Dalziell <[Dot.Dalziell@herengaanuku.govt.nz](mailto:Dot.Dalziell@herengaanuku.govt.nz)>  
**Cc:** kauri <[kauri@aucklandcouncil.govt.nz](mailto:kauri@aucklandcouncil.govt.nz)>  
**Subject:** RE: KDB / biosecurity considerations for community connectivity project on Aotea [AS 6987]

Hi Dot,

So, I believe some of these ideas have been presented before in times gone by.

You would need to create a hygiene plan that covers your scoping activity.

The plan would identify your hygiene plan before arrival , including all equipment.

The plan will also include hygiene control at entry to forest between land parcels , between Kauri catchments when off track, hygiene in and out of any Kauri within the Kauri Hygiene area, what to do if you encounter a Kauri tree that is unwell as well as how gear will maintain hygiene control through the different zones.

GBI has infection in some areas , and your work would be going off track in Kauri forests. I suggest that you would be seeking approval from all landowners to do this, and your hygiene plan will be critical.

For any council area , Auckland Council will need to see the hygiene plan, same for DoC etc.

It would be good to know that the access commission understands the standards required to provide access in a Kauri Forest track ( the legal and ongoing implications? )

These are not limited to infrastructure requirements around Kauri and leading too Kauri hygiene areas , hygiene stations and the maintenance of the track network to protect Kauri and the requirements to meet these standards.

I suggest useful data to collect is all Kauri you encounter on the path within 3 x the drip zone including small Kauri Plants and seedling areas, at these areas the grade or topography will be useful any sick trees you encounter, stream crossings that require bridging also, as these can be natural boundary's separating infection in catchments .Suitability of the site for hygiene stations .

In the future having this information will be critical for ROC , and consent considerations.

## Kauri Hygiene Standard Operating Procedures 2021 – Short Version

The full document and advice to assist with implementing these procedures, including locations of contaminated areas, can be obtained from [kauri@auckland.council.govt.nz](mailto:kauri@auckland.council.govt.nz).

**These hygiene requirements apply to anyone undertaking activities in areas owned or managed by Auckland Council or its CCOs (Council-Controlled Organisations) where kauri are present, to reduce the risk of spreading kauri dieback disease. Contractors and staff working for/on behalf of Auckland Council on land owned by others are also required to comply with these Standard Operating Procedures.**

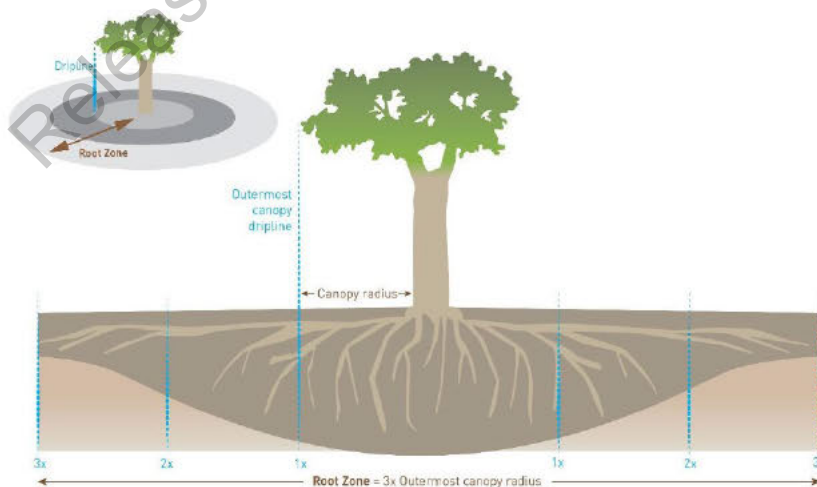
### 1. General minimum requirements

The Kauri Hygiene Standard Operating Procedures listed below are the minimum requirements that apply when undertaking activities or work in or near any land owned or managed by Auckland Council or its CCOs where kauri are present.

1. Avoid work in wet conditions and areas containing kauri that are prone to flooding or ponding.
2. Clean and disinfect footwear before entering and after leaving areas containing kauri. Use every cleaning (hygiene) station encountered during the course of your work.
3. Stay on formed tracks if possible.
4. Stay outside of Kauri Hygiene Areas if possible.



Example of dirty footwear (left) and clean footwear (right)  
[SOURCE: Northland Regional Council]



Extent of Kauri Hygiene Area





## Auckland Council Kauri Dieback Programme

### KAURI HYGIENE STANDARD OPERATING PROCEDURES

### SHORT VERSION



5. When leaving a formed track, inspect footwear immediately before leaving the track, and use the portable (personal) phytosanitary kit to clean and disinfect before re-entering the track network. Formed tracks are 'safe zones' that need to be kept free of potentially contaminated soil.
6. All tools, machinery and other equipment must be clean and soil free. Tools, machinery and other equipment previously used in a **Contaminated Area**<sup>1</sup> must not be used in any other area unless they have been steam-cleaned and subsequently sterilised first.
7. Wheeled or tracked machinery must be soil-free when entering areas where kauri are present, and must remain on site for the duration of the works.
8. If moving between different areas and/or catchments, work in low-risk areas (for example, areas where kauri dieback has not been detected) first, and high-risk areas last.
9. When pruning, felling or removing kauri, the procedures set out in the *Best Practice Guideline for Tree Removal and Pruning of Kauri* must be followed.
10. All material (such as weeds, vegetation, roots, trunk, bark and by-products produced during pruning or removal, for example sawdust) from within the Kauri Hygiene Area must be left on site. If removal is necessary, transport off-site must be in secure containment (to prevent loss during transport) and disposal must be to an approved landfill.
11. Any soil excavated within a Kauri Hygiene Area must be left on site. If removal is necessary, transport off-site must be in secure containment (to prevent loss during transport) and disposal must be to an approved landfill.
12. No soil, vegetation or fill materials may be brought onto any Auckland Council land where kauri are present, including local and regional parks, without prior approval from the Auckland Council [Kauri Dieback Team](#). All landscaping and vegetation supplies must be obtained from a source known to be free of kauri dieback disease.

#### Additional requirements for Contaminated Areas

13. A clearly marked set of footwear dedicated to **Contaminated Area** work must be worn when undertaking activities in **Contaminated Areas**. This requirement should be included in all relevant Auckland Council contracts.
14. Activities in **Contaminated Areas** must be scheduled to occur after activities in **Protection Areas** and other areas where kauri are present.

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<sup>1</sup> Kauri dieback disease is present in this area.



## Auckland Council Kauri Dieback Programme

### KAURI HYGIENE STANDARD OPERATING PROCEDURES

### SHORT VERSION



15. If removing equipment from **Contaminated Areas**, it must be dry-brushed and contained for transport. Any soil removed from the equipment must be left on site.
16. Equipment, including pest control equipment, used in **Contaminated Areas** must not be re-used in any other areas where kauri are present unless it has first been steam-cleaned and subsequently sterilised.
17. Once installed in a **Contaminated Area**, pest control equipment such as traps, bait stations and monitoring equipment must be serviced on-site and not be moved within the site.

#### Additional requirements for Protection Areas

18. No planting is to be undertaken in a **Protection Area** unless the plants are eco-sourced and grown in the Area, or sourced from an Auckland Council approved supplier<sup>2</sup>.

#### Additional requirements for areas subject to a Controlled Area Notice

A Controlled Area Notice (CAN) is issued under Section 131 of the Biosecurity Act 1993 to control the movement of materials that may cause a biosecurity risk. In the Auckland region, these include:

- Certain open tracks on the Waitākere Ranges.
- Parts of the Hunua Ranges.

In these areas, it is prohibited to take goods (such as footwear, equipment or other items) with visible soil into or out of the walking tracks. This includes soil on companion animals. Cleaning (hygiene) stations must be used whenever they are encountered. No soil or plant material may be brought into, or removed from, these areas.

Exemptions may be applied for. Please contact [kauri@aucklandcouncil.govt.nz](mailto:kauri@aucklandcouncil.govt.nz)

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<sup>2</sup> An approved supplier is any supplier certified under the New Zealand Plant Producers Incorporated (NZPPI) Biosecurity Scheme core standard and kauri dieback schedule  
<https://nzppi.co.nz/BIOSECURITY-SCHEME/19750/>

# **National Kauri Dieback Track Infrastructure Guidelines**

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(Final Version 1/7/19)

Released under the Official Information Act



## 1. Purpose

The purpose of this document is to provide guidance on the installation of appropriate track infrastructure mitigation within Kauri Forest Areas to minimise the potential for spread of Kauri Dieback Disease by human activity, and to minimise the adverse effects caused by tracks on the health of kauri trees. The objective is to ensure that a coordinated approach is taken in response to the threat of Kauri Dieback to the health of kauri trees and that the approach is consistent across the whole extent of kauri forest lands. To support this, the best available information should be made accessible to all parties involved in planning and implementing track mitigation work.

## 2. Background

- 2.1. The primary causal agent of Kauri Dieback is the fungal-like chromist *Phytophthora agathidicida* (PA). PA is highly pathogenic on kauri, and trees of all ages can be infected and killed by PA. Primary infection of kauri trees by PA is believed to be via kauri feeder roots, with subsequent spread to main roots and the lower trunk. Long distance dispersal of PA is predominantly via oospores, carried in infected soil or root material.
- 2.2. Any movement of soil or plant material has the potential to spread PA. Vectors potentially include anything that may move soil or plant material; such as hiker's boots, walking poles, cycles, vehicles, machinery, tools, feral animals, and domestic animals. The majority of long distance dispersal of PA is understood to be via human activity.
- 2.3. The National (Kauri Dieback) Pest Management Plan (NPMP) will establish standards for all Kauri Forest Tracks that are open to access by the public. A public Kauri Forest Track for the purpose of the standards is wide ranging and includes all types of access routes for pedestrians, cycles, prams, wheelchairs, and vehicles. This includes:
  - Walking and cycle tracks in kauri forest on Public Conservation Land, Territorial Authority Parks and Reserve Land.
  - Publicly accessible tracks in kauri forests on land managed by crown landowners (NZTA, LINZ, Ministry of Education etc.)



- Tracks in kauri forest on private land (including land under covenant, Maori Land, farmland, forestry land, urban land, and campgrounds) that are open to public use, including easements over private land for public access and recreation tracks on private land that are available for public use.
- Publicly accessible formed vehicle tracks and roads that have an unsealed surface within kauri forests. (Excludes asphalt, chip seal or concrete surfaced roads).

2.4. The NPMP standards will require the Landowner/Occupiers of public tracks to:

- a) Implement measures to minimise the risk of PA spread that may arise as a result of the transport of soil on feet or on articles (walking poles, wheels, cycles, the feet of pets etc) having soil on them, or the transport of any PA host plant material to, within, or from any Kauri Hygiene Area.

*The measures undertaken to minimise the risk of spread of PA on public Kauri forest tracks may include one or more of the following options:*

- *Laying a rahui;*
- *Closure of public access to the Kauri Forest Area by the implementation of effective barriers, signage and publicity;*
- *Re-alignment of tracks or portions of tracks to avoid passage within a Kauri Hygiene Area;*
- *Installing Hygiene Stations for removal of soil and applying disinfectant to feet and articles;*
- *Installing track surfacing that minimises the potential for soil particles to be carried by feet or other articles into, within or from a Kauri Hygiene Area, or for feet and articles to come into contact with kauri fibrous roots;*
- *Installing structures that separate feet and other articles from direct contact with soil or kauri fibrous roots;*
- *Installing infrastructure that provides adequate passage, viewing and photography opportunities, that negates the need for people to migrate off tracks or structures.*

- b) Implement mitigation to ensure that any existing adverse effects on a kauri tree arising from the presence of the track are not increased, and where practicable, any adverse effects are reduced by the implementation of best practice for track construction.

*The presence of a track within a Kauri Hygiene Area may have adverse effects arising from any of the following:*

- *Compaction of the root zone arising from foot traffic or wheel passage;*
- *Interruption of surface water or ground-water flows that may alter the impact of natural hydrology on the tree;*
- *Severance of, or reduction of the area of the root zone;*
- *Direct wear or abrasion of roots.*

*Mitigation should not increase these effects, and if possible, should reduce these adverse effects by implementation of one or more mitigations, that may include:*

- *Providing a cushioning separation layer over kauri root zones;*
- *Re-direction of groundwater and surface water drainage to restore natural hydrological conditions;*
- *Re-alignment of track away from close proximity to trees;*
- *Provision of elevated structures (boardwalk, staircases, and platforms) to reduce compaction of root plates;*
- *Filling excavations or root plate severances with suitable medium to facilitate root plate re-establishment.*

- c) Ensure any activity for the construction or modification of a Kauri Forest Track, undertaken by a Landowner/Occupier, a contractor, a volunteer or by an Authority, shall be undertaken in accordance with the National Technical Specification for Track Mitigation Measures.

*The Kauri Forest Track National Technical Specifications shall apply to all parties that undertake track work on a Kauri Forest Track. These Specifications provide specific requirements for activities including:*

- *Required skills and training of persons undertaking the activity;*
- *Hygiene requirements to be applied during the activity;*
- *Material quality and material hygiene requirements;*
- *Track formation technical requirements;*
- *Track surfacing requirements;*
- *Step, boardwalk, staircase and platform construction details.*

- d) Regularly inspect and where necessary, carry out track maintenance to ensure the requirements of the standards for minimising the risk of spread of PA and the limitation of adverse effects on kauri trees remain in place, regardless of whether effects arise from natural events, site wear from use, or other physiological changes to the Kauri Forest Track.

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### 3. Definitions

3.1. The definitions of terms used in this document are as per the definitions used in the National (Kauri dieback) Pest Management Plan or as defined below:

**BAM, Bark Aggregate Mix:** A mixture of *Pinus radiata* wood bark and well graded GAP20 aggregate (usually 50/50 by volume) used as a medium to facilitate kauri feeder root plate development, including below track surfaces.

**Highly Valued Kauri:** Kauri stands, or individual trees that are considered to be highly valued because of the size of the tree(s) present, the natural condition and extent of the habitat, or the high cultural or community value associated with the tree or stand.

**Hygiene Station:** A facility installed on a track that is provided for visitors to undertake a process to minimise the risk of transport of PA into or out of a Kauri Forest Area. Hygiene Stations generally consist of cleaning apparatus and a means of applying disinfectant to the soles of footwear and to other articles that are taken onto a Kauri Forest Track.

**Kauri Dieback Disease:** Means the disease caused by PA.

**Kauri Forest Area:** Means: a) an area of uncultivated land that contains or surrounds 1 or more kauri trees, along with all the uncultivated land between such trees and, if a kauri tree is at the edge of uncultivated land, extends to at least 3 times the maximum canopy radius of that tree; and b) any area of land identified by the management agency as an area containing PA host plants that are not kauri trees.

**Kauri Forest Track:** A walking track, cycling track or unsealed vehicle track that passes through a Kauri Hygiene Area over part of its length.

**Kauri Seedling:** A young kauri tree that is less than 1 metre in height.

**Kauri Sapling:** A kauri tree that is greater than 1 metre in height and has a trunk less than 0.1 metre in diameter at breast height.

**Kauri Ricker:** A kauri tree that has a trunk greater than 0.1 metre in diameter, and less than 0.4 metre in diameter at breast height.

**Kauri Mature:** A kauri tree that has a trunk greater than 0.4 metre in diameter at breast height.


**Kauri Zone:** The total area enclosed within a line that is 1.5 metre outside the dripline of any single tree or multiple kauri trees that are greater than 1.0 metre in height.

**KHA, Kauri Hygiene Area:** The area within a distance from the trunk, equal to three times the maximum radius of the canopy dripline of a kauri tree.

**Mitigation Scenario:** A classification of the nature of the kauri forest through which a track is to be mitigated (MS1, MS2, MS3, MS4 & MS5), based on the size of the largest trees within a kauri stand or their value.

**PA:** Means the primary causal agent of kauri dieback disease, known as *Phytophthora agathidicida*.

**SNZ HB 8630:2004:** Standards New Zealand Handbook for Tracks and Outdoor Visitor Structures.

|  |  |   |  |
|--|--|---|--|
|  |  |  |  |
| Kauri Seedling   | Kauri Sapling  | Kauri Rickers   | Mature Kauri   |



## 4. Mitigation Decision Process

4.1. The implementation of the standards for tracks that are open to the public involves the application of a hierarchy of decision options ranging from full closure and exclusion of public from tracks, to implementation and maintenance of suitable track mitigation. The first step is the selection of a primary risk mitigation option. The factors taken into account and the process used in this initial decision process will be specific to each Landowner/Occupier, and will depend on their own strategic objectives and obligations to stakeholders. Guidance for the initial selection process is provided in Table 1.

| Table 1: Primary Decision Process   |   |   |
|---|---|---|
| Option  | Issues for Consideration  | Comment   |
| <ul style="list-style-type: none"> <li>• <b>Permanent Track Closure – PD1:</b> Formally closing a track, involving removal of signage and disguising the track entrances, as well as de-commissioning the track infrastructure where appropriate.</li> <li>• To be effective, permanent track closure should be accompanied by:             <ul style="list-style-type: none"> <li>○ Adequate barriers of sufficient height and length at all track entrances.</li> <li>○ Removing all track information signage, and installing closure signage (if appropriate).</li> <li>○ Removing structures and obscuring the track appearance.</li> <li>○ Updating information sites so that closure is clearly communicated.</li> </ul> </li> </ul> | <ul style="list-style-type: none"> <li>• When considering a permanent track closure, hapu should be engaged to discuss whether they intend laying a rahui that supports the track closure.</li> <li>• Permanent track closure will deny public access to certain forest areas that may have been traditionally open for public access in the past. The importance to the community of access to or through a forest area for recreation, connection between locations, health, wellbeing and education will be factors in determining whether permanent closure is a viable option. Where there are high community values arising from access into the forest, and significant community pressure to maintain future access, a decision to implement permanent track closure may be difficult to enforce.</li> <li>• Permanent closure should only be selected as an option if it will be possible to achieve a high level of public compliance with the closure, by the effective use of entrance barriers, community engagement, monitoring and enforcement.</li> </ul> | <ul style="list-style-type: none"> <li>• Permanent track closure (if complied with) is likely to be the most effective means of reducing the risk of human transfer of PA into a Kauri Forest Area and for reducing the ongoing adverse impacts on kauri trees from foot traffic.</li> <li>• Permanent track closure would be ineffective as a means of managing the risk of spread of PA if the community pressure for access on the track was so high that there continued to be uncontrolled or illegal use of the track. (In such circumstances, the risk would be more effectively managed by keeping the track open for public access, and implementing appropriate track mitigation).</li> <li>• De-commissioning of tracks that are to be permanently closed may include removal of bridge and boardwalk structures where this will deter ongoing access, and may include some correction to adverse drainage effects caused by the original track construction. Boxed steps and track surfacing materials are unlikely to be removed, but these may be broken up to facilitate root plate health in some circumstances.</li> </ul> |



| Table 1 continued: Primary Decision Process  |  |  |
|--|--|--|
| Option   | Issues for Consideration   | Comment  |
| <ul style="list-style-type: none"> <li><b>Track Re-alignment – PD2:</b> Re-routing tracks outside Kauri Hygiene Areas to avoid the risk of transfer of PA into or out of a KHA.</li> <li>To be effective, the alternative route needs to be more compelling to visitors than the original track, and the original track needs to be obscured.</li> </ul> | <ul style="list-style-type: none"> <li>Re-alignment of tracks away from the vicinity of kauri trees is a viable option if the main purpose visitors walk the track is other than to gain access to the kauri trees. Ongoing off-track activity is likely to result if re-alignment of the track is contrary to the purpose of visitors using the track.</li> </ul> | <ul style="list-style-type: none"> <li>Re-alignment is a viable option if kauri trees are present in isolated areas of kauri forest and it is possible to re-align to avoid the track passing through a KHA.</li> <li>Where large kauri trees are to be avoided by re-alignment it is preferable to re-align the track at a distance that is outside visual contact with the trees, to deter off track access to the trees.</li> </ul> |
| <ul style="list-style-type: none"> <li><b>Track Mitigation - PD3:</b> Implement track mitigation measures as per Table 3</li> </ul>  | <ul style="list-style-type: none"> <li>This option is the default option if track closure or track re-alignment are not viable options.</li> </ul>   | <ul style="list-style-type: none"> <li>Track mitigation is likely to include a range of action items in order to meet the required standard for Kauri Dieback risk management.</li> </ul>  |

## 5. Track Mitigation


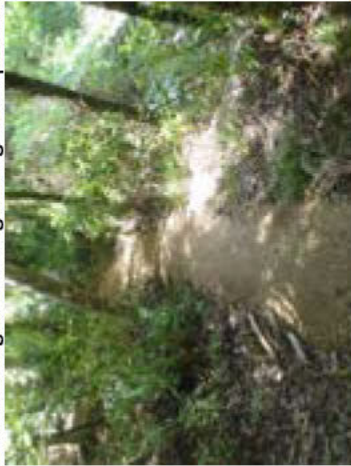
- 5.1. Where Primary Option PD3 is selected for a track, consideration should be given to temporary closure of the track until the necessary track mitigation is implemented.
- 5.2. The purpose of implementing mitigation on a Kauri Forest Track is to minimise the risk of spread of PA, and to minimise the adverse impacts on kauri by the presence and use of the track.
- 5.3. The selection of appropriate mitigation measures will depend on several factors as follows:
- a) The age and value of the kauri trees in the KHA through which the track passes, ie seedling, sapling, ricker or mature kauri (refer to definitions).
  - b) The level of current and expected visitor use on the track, ie low, medium or high. (Low visitation will typically be less than 1000 visitors per year, whilst high visitation will be typically over 10,000 visitors per year).
  - c) Track Classification, ie Path, Short Walk, Walking Track, or Tramping Track (Definitions as per Standards NZ Handbook for Tracks and Outdoor Visitor Structures: SNZ HB8630:2004).
  - d) Site topography, ie track gradient, cross slope and ground conditions.
- 5.4. Track mitigation shall consist of a range of measures that are intended to reduce the risk of spread of PA, and to minimise the adverse impacts on kauri trees. The currently adopted track mitigation options are summarised in Table 2.
- 5.5. Track mitigation design should include the selection of materials and construction details that facilitate the future maintenance and renewal of track infrastructure in a way that is not detrimental to the health and hygiene of kauri. This will include the selection of materials that have a high durability, thus reducing the frequency of replacement, and detailing so that replacement or removal can be carried out with minimal disturbance to soil and root plates.
- 5.6. It is likely that track mitigation works and structures will be removed once they reach the end of life, and may be replaced or re-configured. Consideration should be given to the end-of life disposal of removed materials, and the use of materials that can either be left at the site, or can be easily disposed of after removal.
- 5.7. There are a number of versions of Hygiene Stations, ranging from brushes and spray bottles in a bucket; to the more sophisticated DOC Mk 2 "Cleaning Station" with a pressure activated foot sprayer. Each is suited to specific sites and visitor use profiles. It is likely

that further developments will take place over time. To assist the process of design and selection of Hygiene Stations, further information on functional requirements is provided in Appendix 1.

5.8. The selection of appropriate track mitigation is guided by Table 3 which provides mitigation options for various kauri tree Mitigation Scenarios (MS1, MS2, MS3, MS4 & MS5) and various site characteristics.



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**Table 2: Track Mitigation Options**




| Option   | Application and Issues for Consideration  | Comment  |
|--|---|--|
| <ul style="list-style-type: none"> <li><b>Hygiene Station:</b> Installation of a facility for visitors to undertake hygiene procedures (cleaning and disinfection) that is intended to minimise the risk of spread of PA.</li> </ul>    | <ul style="list-style-type: none"> <li>Intended for use at entrances to Kauri Forest Tracks.</li> <li>The effectiveness of Hygiene Stations is dependent on the level of compliance with the proper use of the stations, and the effectiveness of the processes carried out by each visitor at the station.</li> <li>Hygiene Stations are only effective if they are maintained to be fully functioning at all times and are well stocked with consumables.</li> <li>Installation of Hygiene Stations can be a significant initial cost and there can be a high on-going cost for maintenance.</li> <li>In certain circumstances where the track surface or infrastructure is considered to be sufficient to minimise the risk of spread of PA, a Hygiene Station may not be necessary.</li> <li>Refer to Appendix 1 for Hygiene Station Functional Requirements</li> </ul> | <ul style="list-style-type: none"> <li>Public awareness campaigns and legislation are expected to increase the level of compliance of use of Hygiene Stations.</li> <li>The effectiveness in preventing the spread of PA by the processes required at a Hygiene Station depends on the functionality of the Hygiene Station and the commitment of the station users.</li> <li>Total reliance cannot be placed on public Hygiene Stations as the only means for minimisation of the risk of spread of PA. Hygiene Stations are intended for use in conjunction with other track mitigation measures.</li> <li>In some circumstances, Hygiene Stations may be considered redundant if the track mitigation is to a very high standard, and where visitors are unlikely to arrive at the site with soil on their footwear. (eg urban sites with tracks that have fully paved surfaces or are separated from the ground by boardwalk, stairs or platforms).</li> </ul> |
| <p>DOC MK 2 Hygiene Station on a Tramping Track site.</p> <ul style="list-style-type: none"> <li><b>Aggregate Track Surfacing:</b> Well-formed track with sufficient thickness of bound aggregate surfacing to sustain the expected level of use in all conditions without rutting or wearing through to expose bare soil.</li> </ul>  | <ul style="list-style-type: none"> <li>Suitable for use where kauri feeder roots are unlikely to be present (ie outside KHA or near kauri seedlings).</li> <li>Controls are necessary on the sourcing of aggregate brought into a forest to ensure that it is free from PA.</li> <li>Suitable for track gradients typically up to 17% (or short sections up to 20% gradient).</li> <li>Suitable for tracks that are to carry vehicles provided the aggregate is of sufficient thickness.</li> <li>Drainage management is necessary to prevent soil washing onto the track surface from track edges.</li> </ul>  | <ul style="list-style-type: none"> <li>Aggregate surfacing is the primary means of ensuring that track surfaces remain free from wet or loose soil that can be transported into or out of a KHA.</li> <li>It is unlikely that kauri feeder roots will develop under a well bound aggregate surfaced track because of the compaction and barrier to moisture and air reaching the roots, hence aggregate surfaced track is likely to act as a boundary to root plate development under and beyond the track alignment.</li> </ul>   |

Aggregate surfacing to prevent soil contact with footwear.



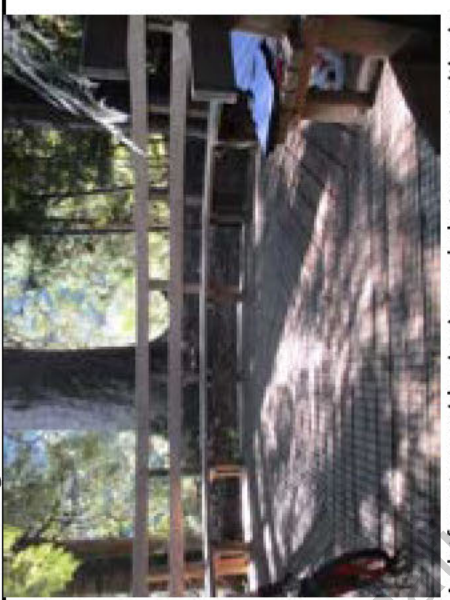
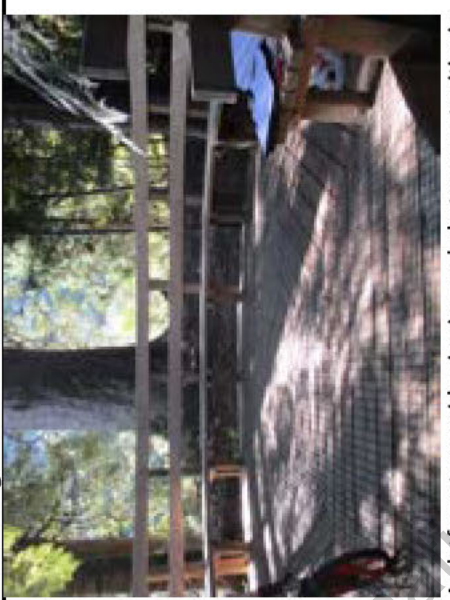
| Table 2 continued: Track Mitigation Options   |  |  |   |
|---|--|--|---|
| Option  | Application and Issues for Consideration   |  | Comment   |
| <ul style="list-style-type: none"> <li><b>Paved Track Surfacing:</b> Concrete, asphalt, chip seal or paver block surfaced track.</li> </ul>  <p>Chip sealed track surface on high use short walk</p>   | <ul style="list-style-type: none"> <li>Suitable for use where kauri feeder roots are unlikely to be present (ie near young kauri seedlings or outside the KHA).</li> <li>Suitable for track gradients typically up to 17% (or short sections up to 20%).</li> <li>Suitable for tracks that are to carry vehicles.</li> <li>Full consideration of the potential drainage changes arising from paved surfaces is needed.</li> <li>Suitable drainage to prevent surface water flows being concentrated at the base of kauri trees.</li> </ul> |  | <ul style="list-style-type: none"> <li>Paved track surfacing is necessary in very high use areas where aggregate surfacing is likely to wear and would require frequent maintenance.</li> <li>As for aggregate surfaced track, paved track also prevent air and moisture from reaching tree roots, hence paved track is likely to act as a boundary to root plate development under and beyond the track alignment.</li> <li>Rigid paved surfacing may be adversely affected by the development of roots from trees other than kauri trees that are in the proximity of the track.</li> <li>Impermeable paved surfacing can have significant impact on natural drainage paths.</li> </ul> |
| <ul style="list-style-type: none"> <li><b>Bark Aggregate Mix (BAM):</b> A layer of pine bark/GAP20 aggregate mix (usually 50/50), typically 50mm or more in thickness, with a well bound aggregate capping layer. Generally used in conjunction with a stabilising matrix material such as HDPE cellular geoweb to prevent disintegration of the BAM layer under foot traffic and water erosion.</li> </ul>  | <ul style="list-style-type: none"> <li>BAM provides a protected layer within which kauri feeder roots can develop and enables the tree root plate to pass under and extend beyond the track alignment. Footwear contact with feeder roots is prevented by the aggregate capping layer.</li> <li>Suitable for track gradients up to 20% when used with geoweb stabilisation.</li> </ul>   |  | <ul style="list-style-type: none"> <li>A BAM layer provides cushioning and permeability for moisture and air. Trials have demonstrated that kauri feeder roots will readily develop under the track surface in this medium.</li> <li>Capping the BAM layer with aggregate preserves the integrity of the BAM layer and reduces the potential for PA to come into contact with kauri roots.</li> <li>Use of geocell stabilisation (rather than geoweb) is not recommended. Geocell products lack the flexibility of geoweb, and trails indicate they do not support feeder root growth as effectively as geoweb.</li> </ul>  |
| BAM and aggregate capping layers stabilised with geoweb.    | A timber edge board can be used to support the edge of BAM filled track on sloping ground.   |  | Completed BAM filled track providing a stable walking surface with feet separated from root and soil contact  |

**Table 2 continued: Track Mitigation Options**


| Option   | Application and Issues for Consideration   | Comment  |
|--|--|--|
| <ul style="list-style-type: none"> <li>• <b>Boxed Steps:</b> Generally consisting of timber stringer type or timber box type steps, constructed on or above the ground surface, filled with soil or BAM, and capped with an aggregate surface layer. Boxed steps in KHAs are constructed without excavating the ground surface under the steps, and are held in position with pegs, driven into pre-probed holes to ensure main tree roots are avoided.</li> </ul> | <ul style="list-style-type: none"> <li>• Boxed steps are required wherever the track gradient exceeds the recommended maximum for surfaced track (ie where gradients exceed 17%-20%).</li> <li>• Boxed steps can be used for track gradient ranging from 33% to 75%.</li> <li>• BAM filled boxed steps will facilitate kauri feeder root development.</li> </ul> | <ul style="list-style-type: none"> <li>• Soil sourced from immediately outside the Kauri Zone (and preferably outside the KHA) can be used to fill boxed steps within the KHA, provided tree roots are not adversely impacted.</li> <li>• BAM filling is used inside feeder root areas to facilitate root plate migration under and beyond the step alignment.</li> <li>• Boxed step gradients should be within the grade range specified for the track classification (Refer SNZ HB 8630:2004). If necessary, use alternating step/track sections to avoid step gradients less than 33%.</li> </ul> |
|    |   |    |
| <p>Boxed steps are constructed above the existing ground</p>   | <p>The root plate of large trees can extend under and beyond boxed steps</p>   | <p>Boxed steps are pegged at intervals to the ground in pre-probed locations</p>   |



**Table 2 continued: Track Mitigation Options**

| Option   | Application and Issues for Consideration   | Comment  |
|--|--|--|
| <ul style="list-style-type: none"> <li>• <b>Boardwalk/staircase/platforms:</b> Raised boardwalk or walkway, platforms, and/or staircases with timber or other type of decking to carry foot traffic above the ground on piled supports. Design parameters for structure gradient, width, barrier requirements and stair geometry shall be as per SNZ HB8630:2004. All structures shall be designed and constructed in accordance with the NZ Building Code.</li> </ul> | <ul style="list-style-type: none"> <li>• Boardwalks, staircases and platforms provide a high level of protection to rickers and mature kauri from spread of PA and also minimise the adverse effects of foot compaction and wear on kauri tree root plates.</li> <li>• Boardwalk gradients may be up to 12%, staircase grades may range from 33% to 75%.</li> <li>• Boardwalks that have a deck level at least 400mm above the adjacent ground act as a deterrent for visitors to step off and walk off-track in a forest area.</li> </ul> | <ul style="list-style-type: none"> <li>• Boardwalks, staircases and platforms prevent direct contact between footwear and kauri tree roots, and prevent the compaction of root plates.</li> <li>• Boardwalk, staircases and platforms can be founded on driven piles that are placed in locations that have been proven to be free of roots by careful probing of proposed pile locations.</li> <li>• Boardwalks, staircases and platforms should have at least a 200mm gap under the joists to allow air movement and light for maintaining a healthy forest floor environment.</li> <li>• Boardwalks, staircases and platforms are “Buildings” under the Building Act, and may require a Building Consent if they do not meet the exemptions under Building Act Schedule 1.</li> </ul> |
|  <p>Low boardwalk protects the roots of mature kauri on a short walk.</p>  |  <p>A raised boardwalk on steeply sloping ground, with a barrier to provide fall protection.</p>   |  <p>A platform to provide viewing and photo opportunities in a mature kauri grove, whilst protecting the root plates from compaction and foot contact with roots and soil</p>  |

**Table 2 continued: Track Mitigation Options**

| Option  | Application and Issues for Consideration  | Comment  |
|---|---|--|
| <ul style="list-style-type: none"> <li><b>Fencing/Signage:</b> Suitable fencing and/or signage to deter access off the formed track onto the root plate at the base of trees.</li> </ul>  <p>A fence discourages migration off track into kauri tree area.</p> | <ul style="list-style-type: none"> <li>Fencing is necessary where visitors are tempted to migrate off the track to gain close access to the base of trees or to find photo locations.</li> <li>On wide tracks (such as dis-used vehicle track formations) a fence may be used to keep visitors to a defined alignment away from kauri root plates.</li> </ul>                           | <ul style="list-style-type: none"> <li>Fencing is more likely to be a mental cue to remind visitors to remain on the track surface, hence it may not be necessary to provide fully climb proof fencing.</li> <li>Fencing should be used sparingly to minimise the detracton from site natural appearance and amenity values.</li> <li>Fencing may be necessary on vehicle tracks to prevent vehicles tracking close to the base of kauri trees.</li> </ul> |
| <ul style="list-style-type: none"> <li><b>Drainage:</b> Adding, removing or relocating existing drains, grade dips or culverts to restore natural surface water drainage flows or remove adverse flow situations.</li> </ul>  | <ul style="list-style-type: none"> <li>Drainage adjustment may be necessary where previous track formation or drainage work is directing excess water to the root plate of a kauri tree.</li> <li>Artificial drainage should avoid creating connectivity between Kauri Hygiene Areas.</li> <li>New track mitigation work should not adversely affect natural drainage flows.</li> </ul> | <ul style="list-style-type: none"> <li>Excavation within a Kauri Zone should be avoided, hence drainage works should generally consist of placing additional material on the ground to re-direct surface water flows.</li> </ul>   |



| Table 3: Track Mitigation Selection Matrix: Mitigation Scenario MS1 - Outside of a Kauri Hygiene Areas (KHA)  |   |  |   |
|---|---|--|---|
| Issues  | Site Characteristics  | Mitigation Options   | Comment   |
| <ul style="list-style-type: none"> <li>Potential for PA in soil being transferred into a KHA from wet or muddy soiled track surfaces outside a KHA.</li> <li>Potential for track formation to adversely affect surface drainage and direct excess water into a KHA.</li> <li>Potential for visitors to migrate off the formed track and enter a KHA.</li> </ul> | <p>Applies to all portions of Kauri Forest Track that may be used by visitors to access track sections that pass through a KHA.</p> <p>Includes track outside a forest area that provides direct access into a forest area that contains a KHA.</p> | <p><b>All Use Levels</b></p> <ul style="list-style-type: none"> <li><b>Aggregate Track:</b> (Gradient up to 20%). Well-formed track with sufficient thickness of bound aggregate surfacing to sustain the expected level of use in all conditions without rutting or wearing through to bare soil. Suitable drainage to prevent soil washing onto track surface from edges.</li> <li><b>Boxed Steps:</b> (Where track gradient exceeds recommended maximum). Soil filled and well bound aggregate surfaced boxed steps (Gradient range 33% to 75%).</li> <li><b>Paved Track:</b> Concrete, asphalt, chip seal or paved surfaced track with suitable drainage to prevent soil washing onto track. (Gradients up to 20%).</li> <li><b>Boardwalk/staircase:</b> Raised boardwalk or walkway, and/or staircase with timber or other type of decking to carry track over soft ground or areas prone to flooding. (Gradients up to 12% for boardwalk, gradient 33% to 75% for staircase).</li> <li><b>Drainage:</b> Adding, removing or relocating existing drains and culverts to restore natural surface water drainage flows or remove adverse flow situations.</li> <li><b>Fencing/Signage:</b> Provide suitable fencing and/or signage to deter access from track into KHAs.</li> </ul> | <p><b>Objectives:</b></p> <ul style="list-style-type: none"> <li>Track surfacing free from soil and unlikely to become muddy or soil covered at any time of year and under all likely use scenarios.</li> <li>Existing track drainage does not alter natural surface water flows in a KHA.</li> <li>Discourage off track access by visitors.</li> </ul> <p><b>Design:</b></p> <ul style="list-style-type: none"> <li>Excavation of soil, benching and cut/fill construction is permitted in MS1 to achieve the required formation and drainage mitigation.</li> <li>Refer to SNZ HB8630:2004 for recommended maximum gradients for track, steps and structures for each Track Classification.</li> <li>Track surfaces should be suitably drained to prevent soil washing onto the track from adjacent ground, including use of track side drains where necessary.</li> <li>Timber edge-boards may be installed to retain a raised track edge.</li> <li>Grade dips, cross drains and culverts may be used to control surface water.</li> <li>Fences detract from the natural character of reserves and should only be used as a last resort to manage unwanted access. Fence type used should relate to the level of visitor pressure at any particular site. Simple hanging rope or chain barriers may be satisfactory.</li> <li>Track width should be sufficient for the required visitor capacity, such that off-track passing by visitors is discouraged.</li> </ul> |

| Table 3 continued. Track Mitigation Selection Matrix: Mitigation Scenario MS2 - Seedling Kauri Hygiene Areas   |  |   |   |
|--|--|---|---|
| Issues   | Site Characteristics   | Mitigation Options  | Comment   |
| <ul style="list-style-type: none"> <li>Potential for PA in soil being transferred within or out of KHA due to wet or muddy soiled track surfaces within a KHA.</li> <li>Potential for direct foot contact with young kauri feeder roots, breaking them off and transporting them to cause spread of PA.</li> </ul> | <p>Note that Seedling Kauri are likely to be less than 10 yrs old and have a drip-line radius of not more than 0.5m. The KHA is likely to extend only 1.5m from the tree.</p> <p>The presence of Seedling Kauri is indicative that Kauri Rickers or Mature Kauri are nearby and are acting as seed source.</p> <p>Seedling Kauri are probably likely to have established after an existing track was formed. Not all Seedling Kauri will develop into Sapling, Ricker or Mature Kauri trees.</p> | <p><b>All Use Levels</b></p> <ul style="list-style-type: none"> <li><b>Removal:</b> Under certain circumstances, removal of individual Seedling Kauri may be the best option for minimising the potential for trees becoming a host for PA.</li> <li><b>Aggregate Track:</b> Well-formed and surfaced track or other options as for MS1 (outside KHAs)</li> <li><b>Bark Aggregate:</b> (Gradient up to 20%). Bark/aggregate bedding with well bound aggregate capping, stabilised within geoweb or similar, in locations where there are multiple seedlings in close proximity to the track edges.</li> <li><b>Bark Aggregate Steps:</b> (Gradient 33% to 75%). Timber boxed steps with bark/aggregate filling and well bound aggregate capping, in locations where there are multiple seedlings in close proximity to the track.</li> <li><b>Drainage:</b> Modifying existing drains where necessary to remove adverse flow situations.</li> </ul> <p><b>Note:</b> It is unlikely that Boardwalk/Staircase mitigation would be adopted as mitigation for Seedling Kauri Areas. When the trees reach Ricker size, the mitigation options under MS4 would be considered.</p> | <p><b>Objectives:</b></p> <ul style="list-style-type: none"> <li>Track surfacing free from soil and unlikely to become muddy or soil covered at any time of year and under all likely use scenarios.</li> <li>Kauri root plate is free to develop under track surface.</li> <li>Risk of direct contact between feet and kauri roots is minimised.</li> </ul> <p><b>Design:</b></p> <ul style="list-style-type: none"> <li>Excavation of soil, benching and cut/fill construction is avoided within a Kauri Zone (within 1.5m of the dripline).</li> <li>Refer to SNZ HB8630:2004 for recommended maximum gradients for track, steps and structures for each Track Classification.</li> <li>Track surfaces should be suitably drained to prevent soil washing onto the track from adjacent ground, including side drains where necessary.</li> <li>Timber edge-boards may be installed to retain a raised track edge or BAM filled track where there is a steep cross-fall.</li> <li>Grade dips and grade mounds used to control surface water, or side drains and culverts installed outside the kauri zone.</li> <li>Track width should be sufficient for the required visitor capacity, such that off-track or passing by visitors is discouraged.</li> </ul> |

| Table 3 continued. Track Mitigation Selection Matrix: Mitigation Scenario MS3 - Sapling Kauri Hygiene Areas   |   |  |  |
|---|---|--|--|
| Issues  | Site Characteristics  | Mitigation Options   | Comment  |
| <ul style="list-style-type: none"> <li>Potential for PA in soil being transferred within or out of KHA due to wet or muddy soiled track surfaces within a KHA.</li> <li>Potential for direct foot contact with kauri feeder roots causing spread of PA.</li> <li>Compaction of ground and physical damage to kauri feeder roots.</li> <li>Potential for track formation to adversely affect surface drainage and direct excess water into a KHA.</li> </ul> | <p>No kauri tree roots present, and roots unlikely to develop in vicinity of the track because of distance or isolation from kauri tree root plate by a stream, deep drain, retaining wall, or an existing deep cut or other feature.</p> <p>Kauri feeder roots on the surface within the vicinity of the track, or likely to be present within 20 years.</p> <p>Note that Sapling Kauri are likely to be less than 30 yrs old and have a drip-line radius of not more than 1.5m. They may have established after the original track was formed. This is indicative that the current site and drainage conditions are favourable to developing kauri.</p> | <p>As for MS1 (outside KHAs)</p>   | <p><b>Objectives:</b></p> <ul style="list-style-type: none"> <li>Track surfacing free from soil and unlikely to become muddy or soil covered at any time of year and under all likely use scenarios.</li> <li>Existing track drainage does not alter natural surface water flows in a KHA.</li> <li>Mitigation options are as for track outside a KHA.</li> </ul> <p><b>Design:</b></p> <ul style="list-style-type: none"> <li>Design considerations are as for track outside a KHA.</li> </ul>  |
|   |   | <p><b>All Use Levels</b></p> <ul style="list-style-type: none"> <li><b>Bark Aggregate:</b> (Gradient up to 20%). Bark/aggregate bedding with well bound aggregate capping, stabilised within geoweb or similar.</li> <li><b>Bark Aggregate Steps:</b> (Gradient 33% to 75%). Timber boxed steps with bark/aggregate filling and well bound aggregate capping.</li> <li><b>Drainage:</b> Modifying existing drains where necessary to remove adverse flow situations.</li> </ul> <p><b>Note:</b> It is unlikely that Boardwalk/Staircase mitigation would be adopted as mitigation for Sapling Kauri Areas. When the trees reach Ricker size, the mitigation options under MS4 would be considered.</p> | <p><b>Objectives:</b></p> <ul style="list-style-type: none"> <li>Track surfacing free from soil and unlikely to become muddy or soil covered at any time of year and under all likely use scenarios.</li> <li>Kauri root plate is free to develop under track surface.</li> <li>Risk of direct contact between feet and kauri roots is minimised.</li> <li>Compaction of root plate soil is minimised.</li> <li>Track drainage does not alter natural surface water flows within the KHA.</li> </ul> <p><b>Design:</b></p> <ul style="list-style-type: none"> <li>Excavation of soil, benching and cut/fill construction is not permitted within a Kauri Zone (within 1.5m of the dripline) and should be avoided where possible within a KHA.</li> <li>Refer to SNZ HB8630:2004 for recommended maximum gradients for track, steps and structures for each Track Classification.</li> <li>Track surfaces should be suitably drained to prevent soil washing onto the track from adjacent ground, including side drains where necessary.</li> <li>Edge-boards may be installed to retain a raised track edge or BAM filled track where there is a steep crossfall.</li> <li>Grade dips and grade mounds used to control surface water, or side drains and culverts installed outside the kauri zone.</li> <li>Track width should be sufficient for the required visitor capacity, such that off-track passing by visitors is discouraged.</li> </ul> |



| Table 3 continued. Track Mitigation Selection Matrix: Mitigation Scenario MS4 - Ricker Tree Kauri Hygiene Areas   |  |  |   |
|---|--|--|---|
| Issues  | Site Characteristics   | Mitigation Options   | Comment   |
| <ul style="list-style-type: none"> <li>Potential for PA in soil being transferred within or out of KHA due to wet or muddy soiled track surfaces within a KHA.</li> </ul>   | No kauri tree roots, and roots unlikely to develop in vicinity of the track because of isolation from kauri tree root plate by a stream, deep drain, retaining wall, or an existing deep cut or other feature. | As for MS1 (outside KHAs)  | <p><b>Objectives:</b></p> <ul style="list-style-type: none"> <li>Track surfacing free from soil and unlikely to become muddy or soil covered at any time of year and under all likely use scenarios.</li> <li>Existing track drainage does not alter natural surface water flows in a KHA</li> <li>Mitigation options are as for track outside a KHA.</li> </ul> <p><b>Design:</b></p> <ul style="list-style-type: none"> <li>Design considerations are as for track outside a KHA.</li> </ul>  |
| <ul style="list-style-type: none"> <li>Potential for direct foot contact with kauri feeder roots causing spread of PA.</li> <li>Compaction of ground and physical damage to kauri feeder roots.</li> <li>Wear and damage to large kauri roots from foot contact.</li> <li>Potential for track formation to adversely affect surface drainage and direct excess water into a KHA.</li> </ul> | <p>Kauri feeder roots on the surface within the vicinity of the track, or likely to be present within 20 years.</p> <p>Large kauri roots on the surface within the track width.</p>                            | <p><b>Low to Medium Use Sites</b></p> <ul style="list-style-type: none"> <li><b>Bark Aggregate:</b> (Gradient up to 20%). Bark/aggregate bedding with well bound aggregate capping, stabilised within geoweb or similar.</li> <li><b>Bark Aggregate Steps:</b> (Gradient 33% to 75%). Timber boxed steps with bark/aggregate filling and well bound aggregate capping.</li> <li><b>Boardwalk/Staircase:</b> (Where steep cross slope precludes formation of a surfaced track on the ground.) Raised boardwalk or walkway, and/or staircase with timber or other type of decking. (Gradients up to 12% for boardwalk; gradient 33% to 75% for staircase)</li> <li><b>Fencing/Signage:</b> Suitable fencing and/or signage to deter access off the formed track to the base of trees.</li> <li><b>Drainage:</b> Modifying existing drains where necessary to remove adverse flow situations.</li> </ul> <p><b>High Use Sites or Sites with Positive PA Infected Kauri.</b></p> <ul style="list-style-type: none"> <li><b>Boardwalk/Staircase:</b> Raised boardwalk or walkway with timber or other type of decking to carry track above ground, and to discourage off track access. (Gradients up to 12%, for boardwalk, gradient 33% to 75% for staircase)</li> </ul> | <p><b>Objectives:</b></p> <ul style="list-style-type: none"> <li>Track surfacing free from soil and unlikely to become muddy or soil covered at any time of year and under all likely use scenarios.</li> <li>Kauri root plate is free to develop under track surface.</li> <li>Risk of direct contact between feet and kauri roots is minimised.</li> <li>Compaction of root plate soil is minimised.</li> <li>Track drainage does not alter natural surface water flows within the KHA</li> </ul> <p><b>Design:</b></p> <ul style="list-style-type: none"> <li>Current low to medium use sites that have the potential for significant increase in use within the next 10 yrs should be treated as high use sites.</li> <li>Excavation of soil, benching and cut/fill construction is not permitted within a Kauri Zone (within 1.5m of the dripline) and should be avoided where possible within a KHA.</li> <li>Foundations for structures should be driven in pre-probed locations rather than excavated or bored.</li> <li>Refer to SNZ HB8630:2004 for recommended maximum gradients for track, steps and structures for each Track Classification.</li> <li>Track surfaces should be suitably drained to prevent soil washing onto the track from adjacent ground, including side drains where necessary.</li> <li>Edge-boards may be installed to retain a raised track edge.</li> <li>Grade dips and grade mounds used to control surface water.</li> <li>Track surfaces broken up if replaced by boardwalk/staircases.</li> <li>Track width should be sufficient for the required visitor capacity, such that off-track passing by visitors is discouraged.</li> </ul> |

| Table 3 continued. Track Mitigation Selection Matrix: Mitigation Scenario MS5 - Mature Tree Kauri Hygiene Areas   |  |  |  |
|---|--|--|--|
| Issues  | Site Characteristics   | Mitigation Options   | Comment  |
| <ul style="list-style-type: none"> <li>Potential for PA in soil being transferred within or out of KHA due to wet or muddy soiled track surfaces within a KHA.</li> </ul>   | No kauri tree roots, and roots unlikely to develop in vicinity of the track because of isolation from kauri tree root plate by a stream, deep drain, retaining wall, or an existing deep cut or other feature. | As for MS1 (outside KHAs)  | <p><b>Objectives:</b></p> <ul style="list-style-type: none"> <li>Track surfacing free from soil and unlikely to become muddy or soil covered at any time of year and under all likely use scenarios.</li> <li>Existing track drainage does not alter natural surface water flows in a KHA</li> <li>Mitigation options are as for track outside a KHA.</li> </ul> <p><b>Design:</b></p> <ul style="list-style-type: none"> <li>Design considerations are as for track outside a KHA.</li> </ul>   |
| <ul style="list-style-type: none"> <li>Potential for direct foot contact with kauri feeder roots causing spread of PA.</li> <li>Compaction of ground and physical damage to kauri feeder roots.</li> <li>Wear and damage to large kauri roots from foot contact.</li> <li>Potential for track formation to adversely affect surface drainage and direct excess water into a KHA.</li> </ul> | <p>Kauri feeder roots on the surface within the vicinity of the track, or likely to be present within 20 years.</p> <p>Large kauri roots on the surface within the track width.</p>                            | <p><b>Low Use Sites</b></p> <ul style="list-style-type: none"> <li><b>Bark Aggregate:</b> (Gradient up to 20%). Bark/aggregate bedding with well bound aggregate capping, stabilised within geoweb or similar.</li> <li><b>Bark Aggregate Steps:</b> (Gradient 33% to 75%). Timber boxed steps with bark/aggregate filling and well bound aggregate capping.</li> <li><b>Boardwalk/Staircase:</b> (Where steep cross slope precludes formation of a surfaced track on the ground). Raised boardwalk or walkway, and/or staircase with timber or other type of decking. (Gradients up to 12% for boardwalk; gradient 33% to 75% for staircase)</li> <li><b>Fencing/Signage:</b> Suitable fencing and/or signage to deter access off the formed track to the base of trees.</li> <li><b>Drainage:</b> Modifying existing drains where necessary to remove adverse flow situations.</li> </ul> <p><b>Medium and High Use Sites, and All Sites with Highly Valued Kauri, or Positive PA Infected Kauri</b></p> <ul style="list-style-type: none"> <li><b>Boardwalk/Staircase:</b> Raised boardwalk or walkway with timber or other type of decking to carry track above ground, and to discourage off track access. (Gradients up to 12%, for boardwalk, gradient 33% to 75% for staircase)</li> </ul> | <p><b>Objectives:</b></p> <ul style="list-style-type: none"> <li>Track surfacing free from soil and unlikely to become muddy or soil covered at any time of year and under all likely use scenarios.</li> <li>Kauri root plate is free to develop under track surface.</li> <li>Risk of direct contact between feet and kauri roots is minimised.</li> <li>Compaction of root plate soil is minimised.</li> <li>Track drainage does not alter natural surface water flows within the KHA</li> </ul> <p><b>Design:</b></p> <ul style="list-style-type: none"> <li>Current low use sites that have the potential for significant increase in use within the next 10 yrs should be treated as high use sites.</li> <li>Excavation of soil, benching and cut/fill construction is not permitted within a Kauri Zone (within 1.5m of the dripline) and should be avoided where possible within a KHA.</li> <li>Foundations for structures should be driven in pre-probed locations rather than excavated or bored.</li> <li>Refer to SNZ HB8630:2004 for recommended maximum gradients for track, steps and structures for each Track Classification.</li> <li>Track surfaces should be suitably drained to prevent soil washing onto the track from adjacent ground, including side drains where necessary.</li> <li>Edge-boards may be installed to retain a raised track edge.</li> <li>Grade dips and grade mounds used to control surface water.</li> <li>Track surfaces should be broken up if replaced by boardwalk/staircases.</li> </ul> |



## Appendix 1: Hygiene Station Functional Requirements

Hygiene, in the Kauri Dieback context, is defined as the process of removal of all soil and organic material from footwear and articles, and the subsequent treatment of footwear and articles with a disinfectant. A Hygiene Station is a facility provided for use by visitors to undertake Hygiene when entering a Kauri Forest Track and when leaving a Kauri Forest Track. (Note that these facilities are more correctly termed Hygiene Stations rather than Cleaning Stations, because they are required to facilitate cleaning of footwear and articles, as well as the treatment of footwear and articles with disinfectant).

The installation of appropriate and effective Hygiene Stations at the entry and exit points of Kauri Forest Tracks is a key mitigation tool in the control of the spread of Kauri Dieback. Hygiene Stations need to meet certain functional requirements to be effective. Poorly equipped and configured Hygiene Stations are unlikely to prevent the transport of PA, and may lead to unintentional distribution of PA onto footwear and articles passing through the station.

Hygiene Stations shall be designed, installed and maintained to meet the functional requirements outlined in Table 4.

| Table 4: Hygiene Station Functional Requirements |  |  |
|--|--|--|
| Function   | Performance Requirement  | Comment  |
| Capacity   | <ul style="list-style-type: none"> <li>Each station is to have sufficient capacity to enable visitors to pass through the station with not more than two minutes of queue time, for the 95<sup>th</sup> percentile of visitor groups.</li> </ul> | <ul style="list-style-type: none"> <li>Capacity of a Hygiene Station will be determined by the average time to undertake hygiene at a station, and the number of parallel stations installed.</li> </ul>   |
|  | <ul style="list-style-type: none"> <li>The quantity of consumables (water and disinfectant) shall be sufficient to last between service intervals at the expected use level, with a 25% buffer.</li> </ul>                                       | <ul style="list-style-type: none"> <li>If visitors are required to wait in a queue for more than two minutes, it is likely that the quality of hygiene will decrease, and public tolerance of Hygiene Stations will diminish.</li> <li>As an example, a single station that has a processing time of 20 seconds per person, will pass six people in two minutes, hence groups of people up to 7 in number will meet the performance criteria. If visitation exceeds an average rate of three people per minute for extended periods, then the performance criteria will not be met, and multiple stations are necessary.</li> <li>Capacity can be increased by adding parallel stations, or installing stations that are easier and faster for visitors to use.</li> </ul> |
| Siting   | <ul style="list-style-type: none"> <li>Hygiene Stations shall be located such that passage through the station is not easily avoided by visitors.</li> </ul>   | <ul style="list-style-type: none"> <li>Hygiene Stations installations should be obvious at track entrances or on track alignments and shall not have easy bypass routes. If necessary, wing fencing shall be installed to deter potential bypassing.</li> </ul>  |
|  | <ul style="list-style-type: none"> <li>Hygiene Stations shall not be located within a KHA.</li> </ul>  | <ul style="list-style-type: none"> <li>Hygiene Stations should ideally be located where they can be easily and effectively serviced.</li> </ul>  |

|  |  |   |
|--|--|---|
| <b>Ease of Use</b>                               | <ul style="list-style-type: none"> <li>Suitable for effective use by the predominant Visitor Group expected at the site.</li> </ul>  | <ul style="list-style-type: none"> <li>Ease of use is determined by the degree of effort and agility required to achieve effective soil removal, and full disinfectant application.</li> <li>Urban sites where elderly visitors and children are likely to be frequent, will require a more easily used Hygiene Station facility than a station on a tramping track where visitors are more likely to be sufficiently agile to apply hand spray applications to the soles of their feet.</li> <li>It is reasonable to assume that disabled visitors and young children are likely to be assisted in the hygiene process.</li> </ul> |
| <b>Effectiveness</b>                             | <ul style="list-style-type: none"> <li>A Hygiene Station shall have cleaning apparatus that is capable of removal of all soil from the 95<sup>th</sup> percentile of visitors, and is capable of achieving 100% coverage of footwear soles and ground contact surfaces of articles with disinfectant.</li> </ul> | <ul style="list-style-type: none"> <li>Cleaning apparatus consisting of water and brushes shall be suitable for removal of soil from the expected range of footwear. It is accepted that excessively soiled boots may require extended cleaning time and effort.</li> <li>Hygiene Stations at sites that are used by travellers beside a highway are not likely to be required to cope with heavily soiled boots, whereas Hygiene Stations partway along tramping tracks may be required to process a high number of muddy boots.</li> </ul>  |
| <b>Low Cross-Contamination risk</b>              | <ul style="list-style-type: none"> <li>Hygiene Stations shall have clearly defined directional use so that cleaning equipment and areas used by visitors entering a site are isolated from the equipment and area used by visitors leaving a site.</li> </ul>  | <ul style="list-style-type: none"> <li>To avoid cross contamination, stations shall be designed with separate brushes or cleaning grids for each direction of use.</li> <li>Brushes should be designed to minimise soil retention and transfer between users</li> <li>Maintenance of stations should include removal of dispersed soil particles from all foot contact surfaces.</li> </ul>   |
| <b>Containment of waste</b>                      | <ul style="list-style-type: none"> <li>Soil removed from footwear and articles must be contained in a suitable vessel for appropriate disposal without the risk of contaminating adjacent ground with PA.</li> </ul>   | <ul style="list-style-type: none"> <li>Containment will typically consist of containers for collection of all removed soil, and a procedure for suitable disposal of the collected material.</li> </ul>   |
| <b>Versatility for Hygiene of other Articles</b> | <ul style="list-style-type: none"> <li>Where access is permitted for prams, cycles, wheelchairs, and pets, the Hygiene Station shall have apparatus suitable for the effective cleaning and application of disinfectant to the permitted items.</li> </ul>   | <ul style="list-style-type: none"> <li>Kauri Forest Tracks that are accessible for wheelchairs and prams are required to have suitable cleaning equipment and disinfectant sprayers to enable these articles to be hygiene treated.</li> <li>Kauri Forest Tracks that are available for cycle use shall have cleaning and spraying devices suitable for effective hygiene of cycle wheels.</li> </ul>   |
| <b>Information</b>                               | <ul style="list-style-type: none"> <li>Hygiene Stations shall have clear instructions so that all expected visitors are adequately informed on what hygiene processes are required.</li> </ul>   | <ul style="list-style-type: none"> <li>Instructions should be clear and easily understood.</li> <li>Graphic symbols should be used in locations where overseas visitors are likely to be frequent.</li> </ul>   |
| <b>Servicing</b>                                 | <ul style="list-style-type: none"> <li>All Hygiene Stations shall have in place a suitable, regular servicing procedure.</li> </ul>  | <ul style="list-style-type: none"> <li>The rate of servicing will depend on the visitation level, but is likely to range from daily checks at high use sites, to monthly checks at very low use sites.</li> </ul>   |

