

SUBMISSION ON APPLICATION

Putting Northland first

Important Note:

Please ensure that all sections of this form are completed and that the **NORTHLAND REGIONAL COUNCIL RECEIVES THIS SUBMISSION** before the closing date specified on the notification.

**NORTHLAND
REGIONAL COUNCIL**
- 1 NOV 2019
Kaitiaki Office

To:	Consents Department Northland Regional Council Private Bag 9021 Whāngārei Mail Centre Whāngārei 0148	or:	Hand deliver to any Northland Regional Council c Email mailroom@nrc.g Fax 09 470
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1. Submitter's details			
Full Name	Jeffrey George Walker and Nicki Adriana Walker and Harrison Gillespie Trustee Services Limited		
Address for Service	34 Rosemay Lane Lake Ngatu RD1 AWANUI	0486	Post Code
Email Address for Service	jgandnawalker@gmail.com		
Contact Person	Jeffrey Walker		
Telephone	021 243 5157	Mobile	021 243 5157
<p>Note: Upon request, we are usually required under the Local Government Official Information and Meetings Act 1987 to make electronic submissions available to the public, including the name and address of the submitter. If you consider there are compelling reasons why your contact details and/or some part of your submission should be kept confidential, you should contact the Council.</p>			

2. Application to which submission relates	
Name of Applicant	Various (24) as per limited notification dated 3 October 2019
Proposal	24 resource consent applications for groundwater takes from the Aupouri aquifer horticultural irrigation.
NRC Application Number	As per limited notification dated 3 October 2019 (Table 1)

<p>Council is able to compel users to restrict volume taken</p> <p>Council is able to collect revenue from commercial users</p>
(Attach additional sheet if necessary)

<p>8. Hearing by Commissioner if requested by Submitter</p>
<p>If you tick the box below, <u>you will be required to meet or contribute to the costs</u> of the hearing commissioner commissioners.</p>
<p>Pursuant to section 100A of the Resource Management Act 1991, I request that you delegate your functions, powers, and duties required to hear and decide the application to one or more hearing commissioners who are not members of the Council.</p>

<p>9. Signature</p>
<p>I/we have served a copy of this submission on the applicant (This is required by section 96(6) of the Resource Management Act 1991)</p>
<p>Signature:*</p>
<p>(Person making submission, or person authorised to sign on behalf of person making submission.)</p>
<p>Date: 01 / 11 / 2019</p>

<p>Note: *A signature is not required if you make your submission by electronic means.</p>
<p>ATTACHMENTS:</p> <p>Submissions on 24 resource consent applications for groundwater takes from the Aupouri aquifer for horticultural irrigation.</p> <p>1. Fair Share</p> <ul style="list-style-type: none"> ✓ The aquifers are a community resource, and should be protected and <u>shared</u> for the benefit of the whole Far North community ✓ I have children who in future may also have children, and so on through the generations. ✓ In future our children may choose to carry out activities on our family land which require a modest amount of water. Their "fair share". ✓ Our family, like all other families who live here, must be entitled to their "fair share" of the use of the communities aquifer. <p>2 a). Volume</p>

		<ul style="list-style-type: none"> ✖ 54886 / 22 m³ = 2439 water tanks per DAY. Over 100 water tanks per HOUR extra, on top of what is <u>already</u> being taken. ✖ Water is not compressible, so this is a <u>physical volume which is being moved</u> within the underground structure. ✖ Removing this volume of uncompressed liquid means that something has to take its place. It won't be a vacuum so something else must move in, and so on. ✖ Sustained movement of this volume must cause changes in the physical structures. ✖ Sustained movement of this volume could lead to damage. ✖ The effects are NOT visible.
2b)	Volume	<ul style="list-style-type: none"> ✖ Where is this 54,886m³ per day being replenished from? ✖ The world's weather is changing and rainfall is likely to decrease.
2c)	Volume	<ul style="list-style-type: none"> ✖ A restriction of water uptake should be included in all consents, so that in case of an adverse situation all users can be compelled to reduce consumption TO PROTECT THE RESOURCE.
3.	Measurement	<ul style="list-style-type: none"> ✖ Theoretical computer models do not inspire my confidence. ✖ The aquifer is NOT visible, and measurement of "drawdown" is only a very limited view of what is happening within.
4.	Compensation	<ul style="list-style-type: none"> ✖ The aquifers are a community resource, and should be protected and <u>shared</u> for the benefit of the whole Far North community
	✖ Use of the resource for commercial gain should be paid for by the user to benefit the community	<p>(eg. by funding robust monitoring of the aquifer by NRC)</p>

ATTACHMENTS

Submissions on 24 resource consent applications for groundwater takes from the Aupouri aquifer for horticultural irrigation.

1. Fair Share

- The aquifers are a community resource, and should be protected and shared for the benefit of the whole Far North community
- I have children who in future may also have children, and so on through the generations.
- In future our children may choose to carry out activities on our family land which require a modest amount of water. Their "fair share".
- Our family, like all other families who live here, must be entitled to their "fair share" of the use of the communities aquifer.

2 a). Volume

- $54886 / 22 \text{ m}^3 = 2439$ water tanks per DAY. **Over 100 water tanks per HOUR extra**, on top of what is already being taken.
 - Water is not compressible, so this is a physical volume which is being moved within the underground structure.
 - Removing this volume of uncompressed liquid means that something has to take its place. It won't be a vacuum so something else must move in, and so on.
 - Sustained movement of this volume must cause changes in the physical structures.
 - Sustained movement of this volume could lead to damage.
 - The effects are NOT visible.

2b) Volume

- Where is this 54,886m³ per day being replenished from?
- The worlds weather is changing and **rainfall is likely to decrease**.

2c) Volume

- A restriction of water uptake should be included in all consents, so that in case of an adverse situation all users can be compelled to reduce consumption **TO PROTECT THE RESOURCE**.

3. Measurement

- Theoretical computer models do not inspire my confidence.
- The aquifer is NOT visible, and measurement of "drawdown" is only a very limited view of what is happening within.

4. Compensation

- The aquifers are a community resource, and should be protected and shared for the benefit of the whole Far North community
- Use of the resource for commercial gain should be paid for by the user to benefit the community *(eg by funding robust monitoring of the aquifer by NRC)*

Alissa Sluys

From: Jeff & Nicki Walker <jgandnawalker@gmail.com>
Sent: Tuesday, 12 November 2019 9:56 PM
To: Alissa Sluys
Subject: Fwd: Clarification of Submission MAP – 24 Resource Consent Applications for Groundwater Takes From The Aupouri Aquifer for Horticultural Irrigation – REQ.596300 WITH MAP ATTACHED
Attachments: image001.jpg; image003.jpg; image005.jpg; image002.jpg; image004.jpg; JG&NA Walker 34 Rosemay Lane farm map.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

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From: Jeff & Nicki Walker <jgandnawalker@gmail.com>
Date: Tue, Nov 12, 2019 at 9:50 PM
Subject: Fwd: Clarification of Submission – 24 Resource Consent Applications for Groundwater Takes From The Aupouri Aquifer for Horticultural Irrigation – REQ.596300
To: Alissa Sluys NRC <alissas@nrc.govt.nz>

JG & NA Walker, Clarification of Submission – 24 Resource Consent Applications for Groundwater Takes From The Aupouri Aquifer for Horticultural Irrigation – REQ.596300

Dear Alissa

In response to your three bullet points below...

- Our family property is located at Rosemay Lane, off West Coast Road at Lake Ngatu. It is 53.1 hectares in total. The legal description is Secs 2 & 3, Blk VIII, Opoe SD. It is dry coastal land and sandy in places. The property carries between 40 to 60 beef livestock depending on the time of year.
- I have attached a map with markups. It shows our water intake at Lake Ngatu, pump house and water tanks.
- The water is pumped from Lake Ngatu for the purposes of livestock (primarily) via ten water troughs, and for our domestic use. The usage is about 5m³ per day at present, and varies depending on livestock requirements and time of year (more in summer). We are completely dependant on the water supply for the water troughs, because the cattle do not have access to the lake. In recent years, we have already needed to extend the water pipe by 20 metres due to fluctuating lake levels.

Please add this information to all of our submissions, and thank you for your help.

Best regards,
Jeff & Nicki Walker ph: 021 243 5157
Lake Ngatu

----- Forwarded message -----

From: Jeff & Nicki Walker <jgandnawalker@gmail.com>
Date: Thu, Nov 14, 2019 at 2:55 PM
Subject: Re: Clarification of Submission – 24 Resource Consent Applications for Groundwater Takes From The Aupouri Aquifer for Horticultural Irrigation – REQ.596300
To: Alissa Sluys NRC <alissas@nrc.govt.nz>

Dear Alissa

Oops sorry. My mistake and now extra work for you. My apologies for the inconvenience and thanks for the opportunity to put it right.

I have probably made the same mistake on submissions 1, 2a, 2b, 2c, 3 and 4.

The map you attached is correctly showing one half of our property and part of the other half. (Sections 2&3, Block VIII, Opoe Survey District).

The water take is from Lake Ngatu and is approximately 5m³ per day depending on the livestock requirements.

I will print out a map with the markings you requested and scan it and send it to you.

Best regards

Jeff Walker ph. 021 243 5157.

Lake Ngatu

On Thu, 14 Nov 2019, 14:33 Alissa Sluys, <alissas@nrc.govt.nz> wrote:

Please Quote File: REQ.596300

Dear Madam

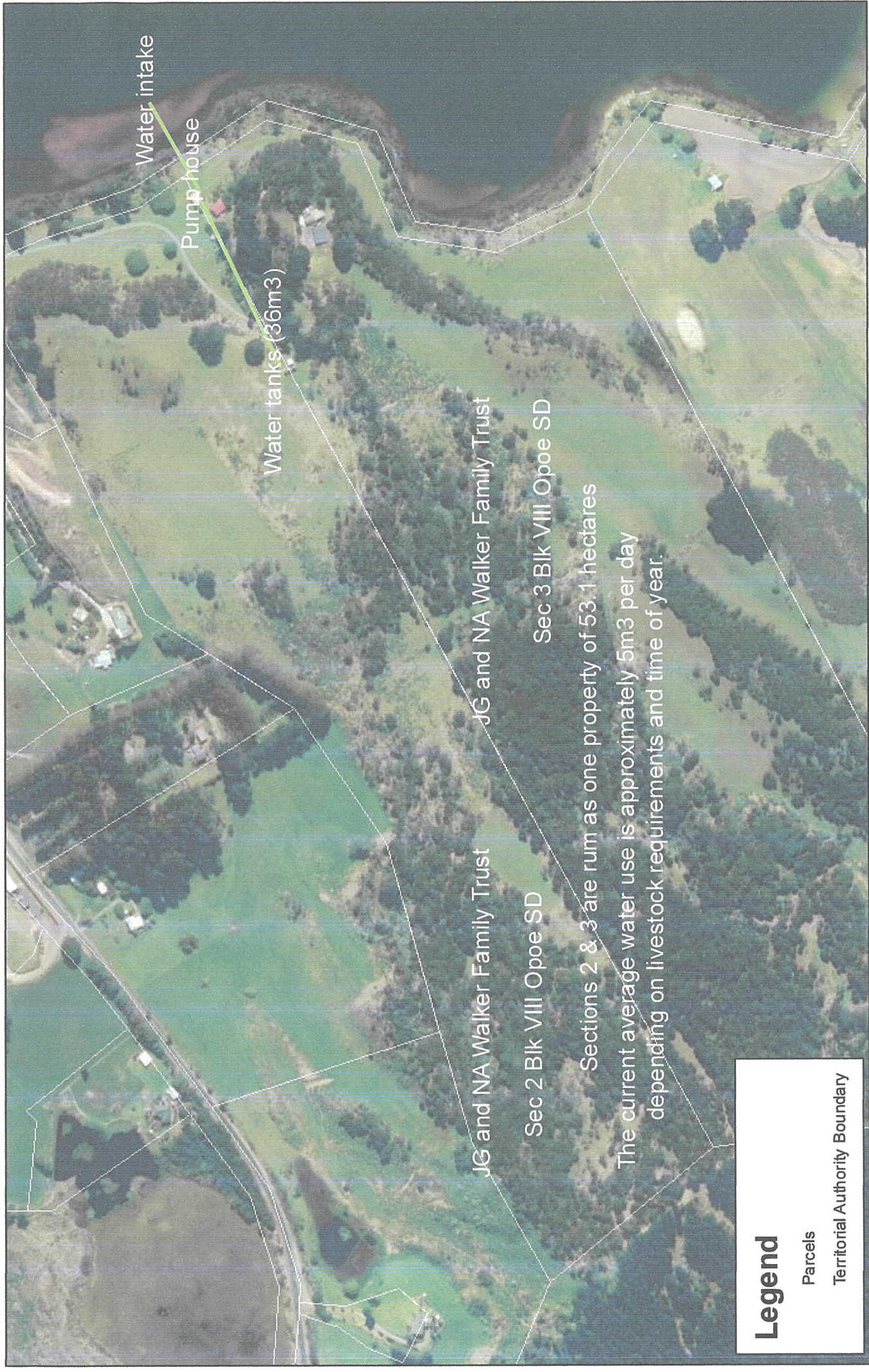
24 RESOURCE CONSENT APPLICATIONS FOR GROUNDWATER TAKES FROM THE AUPOURI AQUIFER FOR HORTICULTURAL IRRIGATION – REQ.596300

CLARIFICATION OF SUBMISSION

We refer to your submission that you lodged with the council on the above applications.

The limited notification letter that was sent to you stated that the following details must be provided with your submission for it to be accepted by council:

- Details of the property location and, if possible, the legal description (this should be as stated on the rates demand for the property); and
- A map (sketch drawing) showing the location of your groundwater bore/well or surface water take in relation to your property boundaries or house; and
- Details of your groundwater bore/well (if known), including its depth, age, depth of pump, and details on how much water is taken and what it is used for. *(Please note that if you don't know this then council will still accept your submission).*



Legend

Parcels

Territorial Authority Boundary

JG and NA Walker Family Trust

Sec 2 Blk VIII Opoe SD

JG and NA Walker Family Trust

Sec 3 Blk VIII Opoe SD

Sections 2 & 3 are run as one property of 53.1 hectares
The current average water use is approximately 5m3 per day
depending on livestock requirements and time of year.

NRC Maps



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DISCLAIMER: Regional Council cannot guarantee that the information shown is accurate and should not be used in any manner without proper consultation with its owner.



6) Kaituma Swamp
replenishment of
Aquifer
gone