

**Office use only**

Consent Number: **21-03369-3.0**  
Job Number: **10656**  
Date Received: **26 November 2021/ REVISED 10 February 2023**  
Document Number: **2941844**  
New/Replace/Change: **Replace**

## Resource Consent Application - Water Permits

**Application is for** To take and use surface water for general purposes (Form 300)  
**Online reference number:** CA230215257  
**Completed on:** 10 Feb 2023  
**Online application terms and conditions are accepted?** Yes

### 3) Consultant/Agent Details

**3.1) Consultant/Agent Company Name** Mitchell Daysh Limited  
**3.2) First Name of Contact Person** Richard  
**3.2) Last Name of Contact Person** Turner  
**3.3) Postal address:** PO Box 331152, Takapuna, Auckland 0740  
**3.4) Phone number** 021332235  
**3.5) Email address** richard.turner@mitchelldaysh.co.nz  
**The applicant is a:** Company

### Part 1 C) Applicant Details - Company

**Company Name** Manawa Energy  
**Contact Name** Lisa Mead  
**NZ Company Registration Number** NA

### 2) Applicant Contact Details

**2.2) Residential Address (if different from postal address)** NA  
**2.3) Contact person for this application** Lisa Mead  
**2.4) Email address** lisa.mead@manawaenergy.co.nz  
**2.5) Phone number** 0223183946

**The Council will serve all formal documents electronically via email to the email addresses provided.**

**Applicant Postal Address:** Private Bag 12055, Tauranga Mail Centre, Tauranga 3143  
**Agent postal address:** PO Box 331152, Takapuna, Auckland 0740

# Application Details

Consent number of expiring consent	3369-2
If you have discussed this proposal with a Council staff member, please give the person's name here:	Sarah Miller
What is the source of the water? Name the river, stream or lake.	Manganui River
What purpose will the water be taken for?	<ul style="list-style-type: none"><li>• Other</li></ul>
Give details	Hydro-electricity generation
Is the taking from a dam or weir (either existing or yet to be constructed)?	Yes
Is the dam authorised by an existing consent or the subject of a separate consent application?	Yes
Please provide details	Consent 3369-2 has authorised the take and use of up to 5,200 l/s of water from the Manganui River for hydro-electricity generation purposes.

Existing dams/weirs generally do not need a resource consent if they are less than 3m high, do not restrict fish passage and the upstream catchment is less than 25ha. If a dam is to be constructed it must also meet other standards relating to environmental effects during construction. Please refer to Rule 59 of the [Regional Fresh Water Plan](#), or contact the Council for details of these additional standards.

Does the dam/weir need a resource consent?	Yes, an application will be lodged
Describe the method of taking in detail including any structure necessary to facilitate taking of water.	In association with the separate consent application for 'the use and maintenance of an existing diversion weir, intake structure and fish passes in the Manganui River, and to dam and divert water in the Manganui River via an existing diversion weir and intake structure', this application proposes to take and use up to 5.2 m <sup>3</sup> /s of water from the Manganui River for hydro-electricity generation purposes by way of diversion to the Motukawa Race and Lake Ratapiko. This rate of take aligns with the existing take authorised by Consent 3369-2. Further details of the method of water take are provided in the attached Assessment of Environmental Effects. This application is being made concurrently with other applications relating to the continued operation and maintenance of the Motukawa HEPS.
Is a structure on, under, or over a river bed required?	Yes

If a structure on, under, or over a river bed is needed please attach sketch plan of the structure including dimensions in the "Documents" step.

What is the maximum rate of taking proposed (litres/second)?	5200
What is the maximum rate of taking proposed (cubic metres per day)?	224700
What is the maximum volume proposed to be taken in a 7-day period (m <sup>3</sup> )?	1572900

Please indicate below how your taking will vary through a typical year

Maximum or near to maximum:	<ul style="list-style-type: none"><li>• Jul</li><li>• Aug</li><li>• Jun</li></ul>
Less than maximum:	<ul style="list-style-type: none"><li>• Dec</li><li>• Jan</li><li>• Feb</li></ul>
No taking expected:	<ul style="list-style-type: none"><li>• Jan</li></ul>

**Explain any variation in the rate of taking through the year.**

It is noted that the answers to the maximum rate of take per day and week, and the variation of take through a typical year questions above have been answered purely as progression through the application could not occur without the input of a response.

Further details of the proposed take are provided in the attached Assessment of Environmental Effects, and in the Hydrology Assessment appended to the AEE.

**Explain why the rate requested is reasonable for your needs.**

The proposed take aligns with the currently authorised take under Consent 3369-2. This rate of take enables Manawa Energy to utilise flows in the river for hydro-electricity generation purposes. Further details relating to the rate requested are provided in the attached Assessment of Environmental Effects, and in the Hydrology Assessment appended to the AEE.

## Hydrology

**This application must include information about the stream flow at the site during dry periods and the availability of water for allocation. This information will need to be obtained by undertaking flow gaugings during summer if this has not been done previously. Please contact the Council's Hydrology Department to get advice about the existing flow record, and if necessary make arrangements for the gaugings to be undertaken.**

**What is the mean annual low flow (MALF) at the take site (Litres/second)?**

1180

**What is your understanding of the availability of water for allocation from the stream?**

An assessment of the water use and availability in the catchment is provided in the Hydrology Report appended to the AEE.

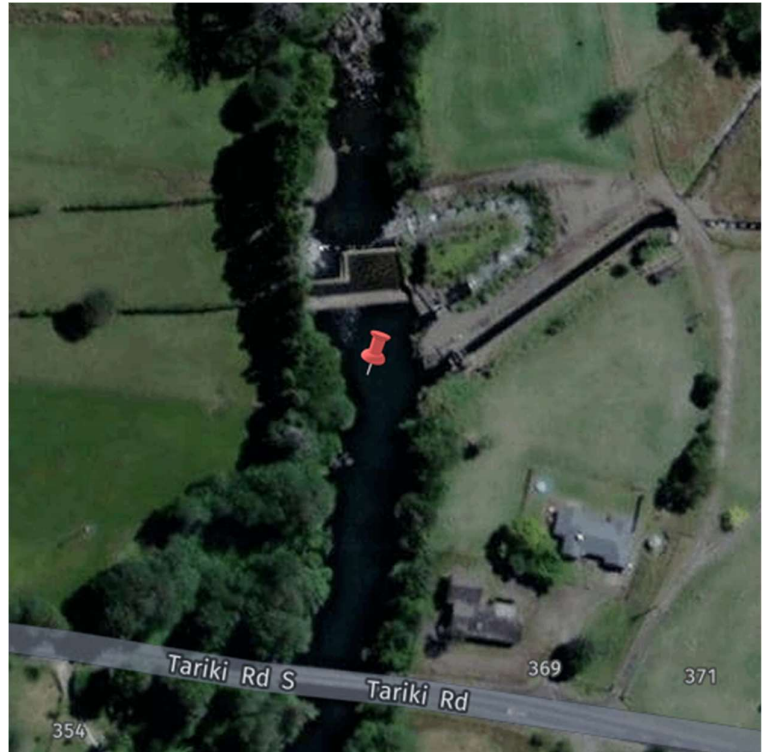
## Renewal investment

**Provide an assessment of the value of your investment that is dependent on this consent:** \$10,000 to \$50,000

# Location Map

Site Location:

-39.21743873717993,174.27557805553081



[Open Map](#)

## Assessment of Environmental Effects

An assessment of environmental effects (AEE) in accordance with Schedule 4 of the Resource Management Act 1991 must be provided with the application. The AEE detail must correspond to the scale of the effects that the activity may have on the environment.

Completing the AEE section of this form will be sufficient for most applications. However for activities with actual or potential effect that are significant, a separate comprehensive AEE report including specific investigations may be required.

Schedule 4 can be viewed by clicking [here](#).

Will you upload an 'Assessment of Environmental Effects' in the "Documents" step? Yes

## Assessment of Environmental Effects (renewal applications)

Summarise the monitoring that had been undertaken and the environmental effects as identified by that monitoring. If this is included in your assessment document, please state the document name and page number.

An assessment of the monitoring that has been undertaken and the environmental effects as identified by that monitoring is provided in the attached Assessment of Environmental Effects.

Will you upload a document that summarises monitoring undertaken and any other required information and/or expands on the responses provided? Yes

# Environmental effects

If answers to the questions below are included in your assessment document, please state the document name and page number where appropriate.

Comment on the possible detrimental effects on the environment of the proposed taking and any proposed structure. Particular attention should be given to the effects on:

- Availability of water to downstream users
- The natural character of the river, lake or stream and visual aesthetics
- Cultural, spiritual, historic, recreational, scientific and amenity values
- Ecology (*e.g. river and lake habitat, vegetation, fish and fisheries, wildlife*)
- River flow

**Comment**

An assessment of effects on the environment is provided in the attached Assessment of Environmental Effects.

**How will the adverse effects described above be mitigated? Include details of any proposed minimum flow.**

Mitigation of the adverse effects of the proposed water take are discussed in section 5 of the attached Assessment of Environmental Effects and outline in the Proposed Consent Conditions provided.

**Please note any other information that may assist the Council in processing your application.**

Further details relating to the proposed water take are provided in the attached Assessment of Environmental Effects.

## Part 2 and Policy Assessment

An assessment of the activity against the matters set out in Part 2 of the RMA and against any relevant provision of policy documents and regulations must be provided with the application. The assessment must be in sufficient detail to satisfy the purpose for which its required.

For most applications, the brief assessment provided below will be adequate. However for activities with significant policy implications, a specific, more comprehensive assessment is likely to be required.

The proposal is consistent with Part 2 of the RMA (the focus of which is to promote sustainable management of natural resources) and supported by the relevant Regional Plan.

The *Regional Freshwater Plan for Taranaki* generally supports taking of surface water for irrigation if at least 2/3 of habitat at MALF is retained and particular regard is had for specific matters such as ecological and amenity values, existing and future needs, and the relationship of Tangata with the water body.

**Part 2 and policy assessment**

I adopt the RMA assessment above

## Consultation and Affected Parties

Council may determine that your application is to be notified. But generally it will be non-notified if there are no more than minor adverse effects beyond the adjacent land, and if written approval is obtained from all those people who are likely to be adversely affected in a minor or more than minor way. Council will determine the people who are likely to be adversely affected and you will have the option of obtaining their written approval so that your application can be non-notified.

If the application is to take a significant amount of water (e.g. for pasture irrigation) you are strongly advised to discuss the application with the relevant iwi and with Fish & Game NZ. Fish & Game NZ Taranaki branch can be contacted on 06 7579676. Please contact Council consents department for appropriate iwi contact/s.

<b>Are there any parties that may potentially be affected by this proposal?</b>	Yes
<b>Name of affected party</b>	Iwi Forum (Mangorei Forum)
<b>Contact details</b>	N/A
<b>Please outline any consultation you have undertaken with this party and the outcome.</b>	This forum consists of the following iwi and hapu: Te Kotahitanga o Te Atiawa Trust; Manukorihi hapu; Nga Mahanga a Tairu; Ngati Rahiri Hapu o Te Atiawa (Taranaki) Society Inc; Ngati Tawhirikura hapu; Ngati Te Whiti; Ngati Maru; Ngati Mutunga; Otaraua hapu; Pukerangiora hapu; and Puketapu hapu. Details of the consultation that has been undertaken with the forum are provided in section 6 of the attached Assessment of Environmental Effects.
<b>Have you obtained written approval from this potentially affected party?</b>	No
<b>Name of affected party</b>	Other stakeholders
<b>Contact details</b>	N/A
<b>Please outline any consultation you have undertaken with this party and the outcome.</b>	Manawa Energy has undertaken consultation with other stakeholders with an interest in the Manganui River catchment. This has included staff from TRC, NPDC, Fish & Game, and the Department of Conservation. Details of the consultation undertaken with these groups is provided in section 6 of the attached Assessment of Environmental Effects.
<b>Have you obtained written approval from this potentially affected party?</b>	No

## Draft report and conditions

The Council officers will prepare a report assessing your application and recommend a decision, usually including recommended conditions. The Council routinely sends a draft of this report to the applicant for comment before the decision is finalised.

**Would you like to see a draft report for comment?** Yes

## Processing timeframes

The RMA specifies timeframes for processing resource consent applications (for example 20 working days for a non-notified application), however these timeframes can be extended with the applicant's agreement.

Do you agree to the Taranaki Regional Council extending RMA consent processing timeframes? NA

## Surrender of existing consent

Please note that your existing consent is to be surrendered on the granting of this application.

## Documents

Please upload any supporting document/s here. You may upload as many documents as required to support your application. Ensure you include all information required for your application as shown in the document checklist below (if applicable). NA

Alternatively, you can provide a link to DropBox, Google Docs (or equivalent) here: Documents have been provided previously.

## Document checklist

Summary of previous monitoring history	Yes
Assessment of Environmental Effects	Yes
Aerial photographs or map of site with specific details as requested in the Site Details section	Yes
Sketch of structure, including dimensions	Yes

## Fees and payments

<b>Total Paid</b>	1495
<b>Total charge:</b>	1495
<b>Payment reference:</b>	CA230215257
<b>Payment terms and conditions accepted?</b>	NA
<b>Where should invoices be sent?</b>	Applicant
<b>Is a purchase order required?</b>	Yes
<b>Purchase order number:</b>	NA
<b>Payment Method</b>	Via Internet Banking

### Important notes regarding costs

- Charges are determined in the Taranaki Regional Council's Long Term Plan. This can be viewed on our website [here](#).
- If your consent is notified, a larger deposit will be required. We will advise you if your application will be notified.
- Withdrawn applications will incur the cost for work done up to the date of withdrawal.
- Applications returned due to inadequate information will incur the cost of work done in receiving the application, assessing the information and returning the application.
- All collection costs incurred in the recovery of a debt will be added to the invoice amount due. Overdue invoices will incur an interest charge of 12% per annum.