

RESOURCE CONSENT APPLICATION

U180186

Robyn & Curtis Hemi Jenkins and David Clark as trustees of the Reef Trust

76 Hardings Road, Riverlands

Submissions Close 5.00 pm Wednesday 2 May 2018

Bea Gregory-5252

From: MDC

Sent: Tuesday, 20 March 2018 1:25 p.m.

To: RCInbox

Subject: Application for Resource Consent: REF180317733

Attachments: REF180317733.pdf

A application for a Resource Consent has been received. Application lodgement number is REF180317733.

Submission details are attached.



PO Box 443, Blenheim 7240 Tel 03 520 7400 / Fax 03 520 7496

 $\textbf{Email}\ \underline{mdc@marlborough.govt.nz} \ / \ \underline{www.marlborough.govt.nz}$

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Marlborough District Council 15 Seymour Street Blenheim 7201 PO Box 443 New Zealand Telephone 00 64 3 520 7400 Fascimile 00 64 3 520 7496 Email mdc@marlborough.govt.nz Website www.marlborough.govt.nz GST No. 50-430-960



Reference Number:	REF180317733
Submitted On:	20/03/2018 13:25
Submitted By:	Helen Woodward

Important Information

This application is made under Section 88 of the Resource Management Act 1991.

Please provide all details relevant to your proposal. Feel free to discuss any aspect of your proposal or the application process with Council's duty planner, who is here to help. Duty planner hours are 9.00 am to 3.00 pm Monday to Friday.

This application will be checked before formal acceptance. If the application is incomplete, we are unable to accept it for processing and it will be returned to you.

If this activity requires more than one consent type, (eg both land use and discharge) you may apply for all within this application.

Applicant Details

Select as many as are applicable	
Is the applicant	
Is the applicant	
Is the applicant	• A trust
Trust name	The Reef Trust
List full names of all trustees	
First names	Robyn
Last name	Jenkins
List full names of all trustees	
First names	Curtis
Last name	Jenkins
List full names of all trustees	
First names	David
Last name	Clark
Main applicant name	Robyn Jenkins
Main applicant electronic (email) address for service	rjjenkins89@gmail.com
Main applicant mailing address	76 Hardings Road, Riverlands 7274
Main contact number	5778911
Alternative contact number	Not answered
Is there an agent working on behalf of the applicant?	Yes

All communication regarding the application will be sent to the agent	
Are you a business or an individual?	Individual
Company name	Not answered
First name	Helen
Last name	Woodward
Electronic (email) address for service	h.woodward@xtra.co.nz
Mailing address	PO Box 105, Blenheim 7240
Main contact number	5795669
Alternative contact number	0272111154
Agent reference	Helen

Application Details

Types of resource consent applied for	Water Permit
The location to which the application relates is	76 Hardings Road, Riverlands
Brief description of the activity	Take groundwater from the Riverlands FMU at a maximum rate of 53,550 cubic metres/annum via well P28w/2579, located on Lot 2 DP 512230; And Use groundwater for irrigation of 6 hectares of pasture and shelter trees, at 76 Hardings Road. The applicant currently holds water permit U090828, which is due to expire on 1 July 2018.

I attach, in accordance with Schedule Four of the Resource Management Act 1991, an assessment of environmental effects in a level of detail that corresponds with the scale and significance of the effects that the proposed activity may have on the environment. (Applications now also have to include consideration of the provisions of the Resource Management Act 1991 and other relevant planning documents)

I attach an assessment of the proposed activity against the matters set out in Part 2 of the Resource Management Act 1991.

I attach an assessment of the proposed activity against any relevant provisions of a document referred to in Section 104(1)(b) of the Resource Management Act 1991, including the information required by Clause 2(2) of Schedule 4 of the Resource Management Act 1991.

Please upload assessment • Jenkins-water permit application-20 Mar 2018.pdf(892026 bytes)

Please upload plans (e.g. site plan, elevation plans, scheme plan etc) of the locality and activity points. Describe the location in a manner that will allow it to be readily identified, e.g. house number and street address, grid reference, the name of any relevant stream, river, or other water body to which the application may relate, proximity to any well known landmark, DP number, valuation number, property number

Site/location plan	No files uploaded
Scheme plan	No files uploaded
Forest harvest plan	No files uploaded
Building plans	No files uploaded
Dam design drawings	No files uploaded
Certificate(s) of Title and legal documents	No files uploaded

Supplementary Forms

Please indicate which supplementary forms you are adding	Water permits
Type of permit required	Take underground water
Do you currently hold a water permit that is due to expire?	Yes
What is the water permit number?	U090828
Purpose for which water is required?	Irrigation of 6ha of Pasture &Trees
Source of water	Riverlands Aquifer
Maximum quantity of take	

Litres per second	Not answered
Cubic metres per day	Not answered
Cubic metres per week	Not answered
Groundwater	
Is the well existing?	Yes
Well Number	P28w/2579
Depth from ground level to bottom of well	31
Diameter of well	100
Has the pump test or well interference test been carried out on the well?	No
Water use purpose	
Use Type	Irrigation
Crop type	pasture &shelter trees
Area	6
Application Rate	53
Quantity	Not answered
Irrigation Period	• Jan • Feb • Mar • Apr • Sep • Oct • Nov • Dec

Technical Reports

Do you wish to upload any technical reports to be included in the

Method

application by the relevant Resource Management Plan, Act or regulations?	No
Benthic report	No files uploaded
Cultural effects assessment	No files uploaded
Dam construction report	No files uploaded
DSI	No files uploaded
Ecology report	No files uploaded
Economic report(s)	No files uploaded
Engineering report	No files uploaded
Erosion and sediment management plan	No files uploaded
Geotechnical report	No files uploaded
Landscape report	No files uploaded
PSI	No files uploaded
RAP	No files uploaded
Wastewater report	No files uploaded
Any other report not covered in the list above	No files uploaded

Sprinkler

Written Approvals

Please provide the names and addresses of the owner and occupier of the land (other than the applicant)

Not answered

Please attach any written approval(s) that may have been obtained from **No files uploaded** affected parties/adjoining property owners and occupiers

Note: As a matter of good practice and courtesy you should consult your neighbours about your proposal. If you have not consulted your neighbours, please give brief reasons why you have not below

Brief reason for not consulting with neighbours

adequate separation distances; continuation of existing activity.

Other Details

Are additional resource consents required in relation to this proposal?	No
Are there other activities which are part of the proposal to which the activity relates, for example permitted activities, or building consents etc?	No
If the application is affected by Section 124 or 165ZH(1)(c) of the Resource Management Act 1991 (which relate to existing resource consents), the value of the investment of hte existing consent to the consent holder. (This assessment should include more than stating a monetary value.)	see attached report.

The applicable lodgement (base) fee is to be paid at the time of lodging this application. If payment is made into Council's bank account 02-0600-0202861-02, please record applicant name and either property number or consent type as a reference.

The final cost of processing the application will be based on actual time and costs in accordance with Council's charging policy. If actual costs exceed the lodgement fee, an invoice will be issued (if actual costs are less, a refund will be made). Council may stop processing an application until an overdue invoice is paid in full. Council charges interest on overdue invoices at 15% per annum from the date of issue to the date of payment. In the event of non-payment, legal and other costs of recovery will also be charged.

Do you require a GST receipt for a bank payment?	Yes
Please make invoice out to	Applicant
The application lodgement fee	Will be paid by agent
Notes	Lodgement Fee Paid via internet banking 20 March.
I confirm that the information provided in this application and the attachments are accurate	Yes
Authorised by (your full name)	Helen Woodward

You may apply for two or more resource consents that are needed for the same activity on the same form. You must pay the charge payable to the consent authority for the resource consent application under the Resource Management Act 1991 (if any).

The information you have provided on this form is required so that your application can be processed and so that statistics can be collected by Council. The information will be stored on a public register and held by Council. Details may be made available to the public about consents that have been applied for and issued by Council. If you would like access to or made corrections to your details, please contact Council.

If you lodge the application with the Environmental Protection Authority, you must also lodge a notice in form 16A at the same time. If your application is to the Environmental Protection Authority, you may be required to pay actual and reasonable costs incurred in dealing with this matter (see section 149ZD of the Resource Management Act 1991).

An electronic address for service must be provided if you are applying for a Fast Track consent. Under the Fast Track resource consent process, notice of the decision must be given within 10 working days after the date the application was first lodged with the council opts out of that process at the time of lodgement.

A Fast Track application may cease to be a Fast Track application under Section 87AAC(2) of the Resource Management Act 1991.

The Reef Trust Water Permit Application

1 Background

The applicant owns the rural property at 76 Hardings Road, legally described as Lot 2 DP 512230, of 7.84 ha in area. The site is located on the south side of Hardings Road.

The property formerly legally described as Lot 2 DP 484371 underwent subdivision in 2016 under U160019. Although titles were issued last year, Council maps have not yet been updated.

The applicant currently holds water permit U090828 to take groundwater at a rate not exceeding 120 cubic metres per day (reduced from 135 cubic metres/day after surrendering 15 cubic metres to new Lot 1 as a condition of subdivision for stock and domestic water) for irrigation of 5 ha of pasture and 2 ha of cherries. The water permit is due to expire on 01 July 2018.

The cherry orchard has since been removed and has reverted to pasture.

The supply is well P28w/2579 which intercepts the Riverlands Aquifer. The well is situated at the north-east corner of the property. The depth of the well is 31 metres with a diameter of 100mm, drilled in October 1996.

2 Proposal

The applicant seeks consent to

- 1, Take groundwater from the Riverlands FMU at a maximum rate of 16,400 cubic metres/annum via well P28w/2579, located on Lot 2 DP 512230; And
- 2. Use groundwater for irrigation of 6 hectares of pasture and shelter trees, at 76 Hardings Road.

The applicant currently holds water permit U090828, which is due to expire on 1 July 2018.

Irrigation is via 6 k-line pods, rotated around the 6ha area. Since removing the 2ha cherry orchard, the area has reverted to pasture and 1 ha has been subdivided from the parent block leaving a balance of 6ha.

The applicant has kept water meter readings, since October 2010, the graph of which is attached.

Since removing the cherry orchard and experiencing pump issues, irrigation has been sporadic over the last season, but has been reactivated this season.

The water meter will be upgraded and verified, with a telemetered datalogger installed for next season.

The annual allocation has been assessed using the "irricalc" programme, as attached in Appendix 4,

3 Statutory Framework

3.1 Resource Management Act 1991

Section 14 of the RMA requires that no person may take, use, dam, or divert any water unless the take, use, damming or diversion is allowed by a rule in a regional or proposed regional plan or by resource consent.

3.2 National Policy Statement for Freshwater Management

The National Policy Statement for Freshwater Management (NPSFW) sets out objectives and policies that direct local government to manage water in an integrated and sustainable way, while providing for economic growth within set water quantity and quality limits.

Amongst other matters the NPSFW sets out objectives and policies in relation to water quantity and requires all Regional Councils to ensure that the allocation of water resources above a predetermined sustainable maximum volume does not occur, and if any such "over-allocation" exists then the Regional Council must undertake steps to reduce the over-allocation.

Given this application is for the continuation of an existing allocation, which has reduced gradually over the last consent term with subdivision, and is not adding to the allocation, the application is considered not to be inconsistent with the NPSFW.

3.3 Marlborough Regional Policy Statement (MRPS)

The MRPS has been integrated into the Proposed Marlborough Environment Plan, which combines all local planning documents.

The application, being for the continuation of an existing allocation, is deemed to be consistent with the existing RPS objectives and policies and Proposed Marlborough Environment Plan provisions.

3.4 Proposed Marlborough Environment Plan

The water provisions under the Wairau/Awatere RM Plan have now been superceded by the new Marlborough Environment Plan and declared as having immediate legal effect **u**nder Section 86B(3) of the RMA.

3.4.1 Rules

General Rule 2.5. Discretionary Activities

 Rule 2.5.2. Any take of water not provided for as a Permitted Activity or Controlled Activity, or limited as a Prohibited Activity.

In accordance with the above rule, the proposed take for irrigation purposes is deemed to be a discretionary activity.

• Rule 2.5.3. Any use of water not provided for as a Permitted Activity or limited as a Prohibited Activity.

In accordance with the above rule, the proposed take for irrigation purposes is deemed to be a discretionary activity.

Accordingly, the application as a whole falls to be dealt with as a discretionary activity.

4 Objectives and Policies

The Objectives and Policies of the Proposed MEP pertaining to freshwater allocation are set out in Chapter 5 (Allocation of Public Resources) as follows.

Objective 5.1 – Water allocation and water use management regimes reflect hydrological and environmental conditions within each water resource.

Policy 5.1.2 – Recognise that the taking of water and the use of water are two distinct activities and where resource consent application is to be granted, separate water permits for each activity will be granted.

The take and use activities have been applied for as separate entities, but given the take and use of water are linked, it is appropriate to bundle both activities in the same application.

Policy 5.2.5 – With the exception of water taken for domestic needs or animal drinking water, prevent the taking of water authorised by resource consent when flows and/or levels in a Freshwater Management Unit are at or below a management flow and/or level set as part of an environmental flow and/or level set in accordance with Policy 5.2.4.

The application site falls within the Riverlands FMU, The management levels specified in Appendix 6, schedule 3 are set as follows:

Minimum level 1.25mamsl at 10346

Policy 5.3.9 – Express any allocation of water for irrigation purposes on the following basis (summarised);

Take of groundwater - cubic metres/annum

Use of Water - monthly and annually

(except for the Brancott Freshwater Management Unit, Benmorven Freshwater Management Unit or Omaka Aquifer Freshwater Management Unit).

This application is made on this basis.

Policy 5.3.14 – The duration of water permits to take water will reflect the circumstances of the take and the actual and potential adverse effects, but should generally:

- (a) not be less than 30 years when the take is from a water resource:
- (i) that has a water allocation limit specified in Schedule 1 of Appendix 6; and
- (ii) that has a minimum flow or level specified in Schedule 3 of Appendix 6; and
- (iii) that is not over-allocated; or
- (b) not be more than ten years when the take is from an over-allocated water resource as specified in Policy 5.5.1; or
- (c) not be more than ten years when the take is from a water resource that has a default environmental flow established in accordance with Policies 5.2.7 and 5.2.14.

The take is part of the theoretically over-allocated Riverlands Aquifer, therefore an additional 10 year term is envisaged.

Policy 5.7.2 – To allocate water on the basis of reasonable demand given the intended use.

One of the ways in which efficient use of water can be achieved is by ensuring that the allocation to the user does not exceed that which is reasonably required for the use. In the case of irrigation, the Council will provide users with a tool, "IrriCalc," to estimate water demand for the crop, based on the soil type(s) and climate that exist at the property. This policy assists to give effect to Policy B4 of the NPSFM.

The application is accordingly based on "irricalc" calculations for annual take and monthly use, not exceeding the annual take. Accordingly, the application is consistent with this policy.

Policy 5.7.4 – Require water permit holders to measure their water take with a pulse emitting meter, to record water take and use with a data logger, and to transfer the recorded water take and use information by the use of telemetry. Alternative methods of measurement, recording or transfer that provide the Marlborough District Council with accurate water take and use data may be considered.

The applicant has installed a telemetered datalogger and a verified water meter to record total irrigation water use of the property, from the next irrigation season.

Summary

In summary, the application is considered to be in accord with the relevant objectives and policies, being for the continuation of an existing abstraction, and will comply with electronic telemetered meter recording, and "reasonable use" irrigation rates based on "irricalc".

5 Effects on the Environment

The source of supply for the abstraction is within the Riverlands FMU. The abstraction is part of the existing aquifer allocation and accordingly will not add to the theoretical over-allocation of the aquifer.

The abstraction has been operating without any reported adverse effects on the well over the last consent term. The meter readings to date indicated irrigation was required from late spring through

to autumn months. The monthly records are attached as Appendix 2. The installation of a telemetered datalogger will provide Council with daily readings for the next irrigation season.

Pasture irrigation can be sporadic as requirement varies according to climatic conditions and soil moisture levels.

The closest known neighbouring well is in excess of 240 metres from the subject well, as indicated on the well site map attached in Appendix 2. At this separation distance there have been no discernible adverse drawdown effects on the neighbouring well and no complaints from the well owner.

Water levels within the applicant's well have not significantly fallen over the previous consent terms, other than seasonal fluctuations, the well has retained its artesian head as is typical for the locality.

In summary, the continuation of the water take, being part of the existing aquifer allocation, will incur no additional drawdown effects on the aquifer. No adverse effects on the neighbouring wells, more than 240m away, have been brought to the applicant's notice during the last consent term and none are expected with future use.

5.1 Water Use

Water use has been calculated using the the "irricalc" reasonable use test model in accord with the relevant objectives and policies. Water use during the last consent period was within the monthly use table set out in "irricalc".

All use will be monitored electronically via a new datalogged and telemetered water meter from the next irrigation season, providing timely and accurate water use records.

Accordingly, the proposed continuation of the use of water for pasture irrigation, based on the "irricalc" reasonable use parameters is considered to be an efficient use of water and will not add to the demand on the aquifer.

6 RMA Sec 104 (2A)

Investment in pumping and irrigation infrastructure has been made over the last consent term to redevelop the property into a productive unit.

7 RMA Part 2

Part 2 of the Resource Management Act 1991 sets out the purpose of the Act as being the promotion of the sustainable management of natural and physical resources. Section 5(2) states: "...managing the use, development, and protection of natural and physical resources in a way, or at a rate, which enables people and communities to provide for their social, economic, and cultural wellbeing and for their health and safety while—

(a) Sustaining the potential of natural and physical resources (excluding minerals) to meet

the reasonably foreseeable needs of future generations; and (b) Safeguarding the life-supporting capacity of air, water, soil, and ecosystems; and 5(c) Avoiding, remedying, or mitigating any adverse effects of activities on the environment

The continuation of the existing take and use of water is considered to be sustainable in accordance with Part 2 of the RMA, given it is consistent with the relevant objectives, policies and rules of the Proposed Marlborough Environment Plan, being part of the existing Riverlands Aquifer allocation, with no more than effects on the environment experienced in the last consent term, due to adequate separation distances to neighbouring wells.

The applicant requires continuity of water supply in order to drought-proof the pasture, thereby protecting their significant investment, and providing for their economic wellbeing.

Accordingly the application is considered to be sustainable in accordance with Part 2 of the RMA.

8 Conclusion

The applicant seeks consent to take groundwater from the Riverlands FMU at a maximum rate of 16,400 cubic metres/annum via well P28w/2579, located on Lot 2 DP 512230, and, use water for irrigation of 6 hectares of pasture and shelter trees, at 76 Hardings Road.

The applicant's water permit U090828, is due to expire on 1 July 2018.

The continuation of the established water take, being part of the existing Riverlands Aquifer allocation, in accordance with the "irricalc" reasonable use assessment, will incur no additional drawdown effects on the aquifer. No adverse effects on the neighbouring wells have been brought to the applicant's notice during the last consent term and none are expected with future use. The water use is considered to be efficient, being calculated on the basis of reasonable use.

Furthermore the applicant has installed a new telemetered/datalogged, verified water meter to record daily use from the next irrigation season.

The proposed continuation of the take and use of groundwater are assessed to be consistent with the relevant objectives, policies and rules of the National and Marlborough Regional Policy Statements and the Proposed Marlborough Environment Plan therefore the application is considered to be sustainable in accordance with Part 2 of the RMA 1991.

The applicant accordingly requests that a replacement water permit be granted as applied for.

HELEN WOODWARD
RESOURCE MANAGEMENT CONSULTANT
20 March 2018

APPENDIX 1 SITE MAP



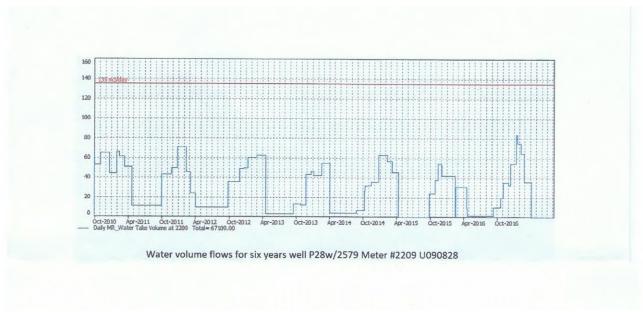
APPENDIX 2 WELL SITE MAP



APPENDIX 3

Water Meter Graph (2010-2016)

& 2017-18 Readings

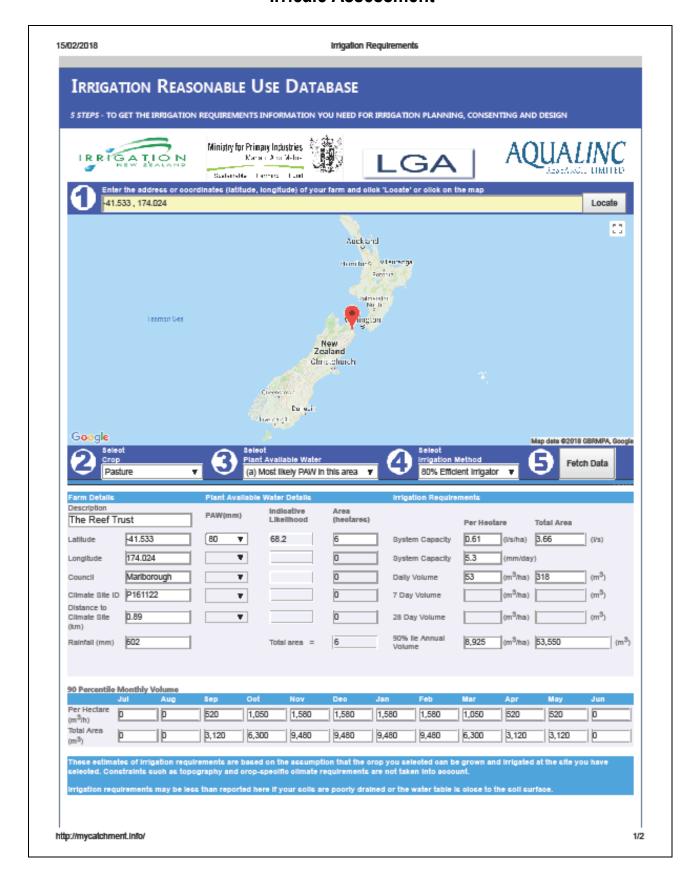


2017-18 Meter Readings

Date	Reading	Use	No. Actual Days Irrigating	Daily Actual Use
14 Nov	167401			
14 Dec	168197	796	8.5 (2 days/wk)	93.6
15 Jan	170152	1955	13.5 (3 x/wk)	144
14 Feb	171225	1001	9 (2x/wk)	119.2
14 Mar	171657	432	8	54
20 Mar	171718	61	2	30.5

APPENDIX 4

Irricalc Assessment



To: Marlborough District Council PO Box 443 Blenheim 7240



ISO 9001:2008 Document Number: RAF0010-CI1921

SUBMISSION ON APPLICATION FOR A RESOURCE CONSENT

1.	Submitter Details		
Name	e of Submitter(s) in full		
Elect	ronic Address for Service (email a	address)	
	al Address for Service (or alternation of service under section 352 o		
Prima	ary Address for Service (must tick	one)	
Elect	ronic Address (email, as above)		or, Postal Address (as above)
Telep	phone (day)	Mobile	Facsimile
	act Person <i>(name and designation,</i> iicable)		
2.	Application Details		
	Application Details		U
Appli			U
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I am a trade competitor for the purposes of section 308B of the Resource Management Act 1991 I am directly affected by an effect of the subject matter of the submission that: a) adversely affects the environment; and b) does not to relate to trade competition or the effects of trade competition I am NOT directly affected by an effect of the subject matter of the submission that: a) adversely affects the environment; and b) does not to relate to trade competition or the effects of trade competition I am NOT a trade competitor for the purposes of section 308B of the Resource Management Act 1991 The specific parts of the application that my/our submission relates to are (give details, using additional pages if required)				
The reasons for my/our submission are (use additional pages if required)				
The decision I/we would like the Council to make is (give details including, if relevant, the parts of the application you wish to have amended and the general nature of any conditions sought. Use additional pages if required)				
4. Heard in Support of Submission at the Hearing				
I/we wish to speak in support of my/our submission				
I/we do not wish to speak in support of my/our submission				
OPTIONAL: Pursuant to section 100A of the Resource Management Act 1991 I/we request that the Council delegate its functions, powers, and duties required to hear and decide the application to one or more hearings commissioners who are not members of the Council. (<i>Please note that if you make such a request you may be liable to meet or contribute to the costs of commissioner(s). Requests can also be made separately in writing no later than 5 working days after the close of submissions.</i>)				

5.	Signature		
Signat	ure	Date	
Signat	ure 	Date	

6. Important Information

- Council must receive this completed submission before the closing date and time for receiving submissions for this application. The completed submission may be emailed to mdc@marlborough.govt.nz.
- The closing date for serving submissions on the consent authority is the 20th working day after the date on which public or limited notification is given. If the application is subject to limited notification, the consent authority may adopt an earlier closing date for submissions once the consent authority receives responses from all affected persons.
- You must serve a copy of your submission on the applicant as soon as is reasonably practicable after you have served your submission on the consent authority.
- Only those submitters who indicate that they wish to speak at the hearing will be sent a copy of the section 42A hearing report.
- If you are making a submission to the Environmental Protection Authority, you should use form 16B.
- If you are a trade competitor, your right to make a submission may be limited by the trade competition provisions in Part 11A
 of the Resource Management Act 1991.
- If you make a request under section 100A of the Resource Management Act 1991, you must do so in writing no later than 5 working days after the close of submissions and you may be liable to meet or contribute to the costs of the hearings commissioner or commissioners. You may not make a request under section 100A of the Resource Management Act 1991 in relation to an application for a coastal permit to carry out on activity that a regional coastal plan describes as a restricted coastal activity.
- Please note that your submission (or part of your submission) may be struck out if the authority is satisfied that at least 1 of the following applies to the submission (or part of the submission):
 - it is frivolous or vexatious;
 - it discloses no reasonable or relevant case;
 - it would be an abuse of the hearing process to allow the submission (or the part) to be taken further;
 - it contains offensive language;
 - it is supported only by material that purports to be independent expert evidence, but has been prepared by a person who
 is not independent or who does not have sufficient specialised knowledge or skill to give expert advice on the matter.

7. Privacy Information

The information you have provided on this form is required so that your submission can be processed under the Resource Management Act 1991. The information will be stored on a public file held by Council. The details may also be available to the public on Council's website. If you wish to request access to, or correction of, your details, please contact Council.