

RESOURCE CONSENT APPLICATION

U200234

Georgialeigh Limited

1505 Waihopai Valley Road, Waihopai Valley

Submissions Close 5.00 pm Tuesday 21 April 2020

Bea Gregory-5252

From: MDC

Sent: Tuesday, 3 March 2020 9:33 AM

To: RCInbox

Subject: Application for Resource Consent: REF200303580

Attachments: REF200303580.pdf

A application for a Resource Consent has been received. Application lodgement number is REF200303580.

Submission details are attached.



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

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

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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:	REF200303580
Submitted On:	03/03/2020 09:32
Submitted By:	Remac Consulting Ltd

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

• A company		
Georgialeigh Ltd		
Richard Crowe		
crowesfarm@xtra.co.nz		
1505 Waihopai Valley Road, RD 6, Blenheim 7276		
0274343206		
033035187		
Yes		
Business		
Remac Consulting Ltd		
Anna Straker		
anna@remacconsulting.co.nz		
PO Box 169, Blenheim 7240		
5771925		
Not answered		
R8289		

Application Details

Types of resource consent applied for	Water Permit		
The location to which the application relates is	Pt Sec 2 Blk XIV Avon SD being 1505 Waihopai Valley Road		
Brief description of the activity	Water Permit – Take Water To take B Class Waihopai FMU water from an existing intake (Grid Reference 1658017E 5391576N) up to a maximum rate of 253 m3 per day. Water Permit – Use Water To use water for the irrigation of up to 11 ha of vineyard, crops and pasture on Pt Sec 2 Blk XIV Avon SD.		

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	 Georgialeigh - water permit RCA.pdf(271450 bytes)
Please upload plans (e.g. site plan, elevation plans, scheme pla	an 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 ac	ddress, grid reference, the name of any relevant stream, river, or other water body
to which the application may relate, proximity to any well known	n landmark, DP number, valuation number, property number
Site/location plan	• Appendix 1 - Georgialeigh - locality plan pdf(372133 bytes)

• Appendix 1 - Georgialeigh - locality plan.pdf(372133 bytes			
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	• CT MB52-4_Curr(wDiag).PDF(90781 bytes)		

Supplementary Forms

Please indicate which supplementary forms you are adding

Technical Reports

Do you wish to upload any technical reports to be included in the application by the relevant Resource Management Plan, Act or regulations?	Yes
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	Appendix 2 - Georgialeigh - Irricalc.pdf(192461 bytes)

Written Approvals

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

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 Not answered

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.)	Not answered

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	Has been paid		
Please give details of payment reference	Payment made via direct credit on 01.03.20 by Georgialeigh Ltd and referenced 'Permit'		
If you have a payment reference to upload, please upload it here	• R8289 Georgialeigh payment confirmation.docx(92945 bytes)		
Notes	Not answered		
I confirm that the information provided in this application and the attachments are accurate	Yes		
Authorised by (your full name)	Anna Straker		

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.





Our Ref: R8289

3 March 2020

APPLICATION FOR WATER PERMIT (TAKE & USE)

GEORGIALEIGH LIMITED PT SEC 2 BLK XIV AVON SD 1505 WAIHOPAI VALLEY ROAD, WAIHOPAI VALLEY

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APPENDICIES

- 1. Remac Consulting; Georgialeigh Ltd Locality Plan, R8289, Sheet R1, Issue 'A'.
- 2. Irricalc Irrigation Requirements: Georgialeigh Ltd.

1. SITE DESCRIPTION

The subject property, being: Pt Sec 2 Blk XIV Avon SD (1505 Waihopai Valley Road) is owned by the Applicant; Georgialeigh Limited, under the directorship of Richard Leonard Crowe and Sharon Anne Crowe.

The property has an area of 30.834 hectares. It is located between Waihopai Valley Road and Avondale Road, the intersection of these two roads forms the north eastern corner of the property.

The Waihopai River runs along the western boundary of the property, with the Singing Bridge located near the north western corner of the property.

Refer **Appendix 1**: Remac Consulting; *Georgialeigh Ltd - Locality Plan*, R8289, Sheet R1, Issue 'A'.

A dwelling located in the middle of the property.

The Applicant currently holds Water Permit U160015 which allows the take of A Class Waihopai surface water up to a maximum 77 m³ per day, and to use that water for the irrigation of up to 4 ha of olives / vineyard or 6 ha of pasture on the subject property. A verified water meter, data logger and telemetry are in place and records of water use are on Council files.

The intake for U160015 is a screened pipe into the Waihopai River connected to a pump located on the terrace above the riverbank approximately 40 m upstream of the Singing Bridge.

The U160015 permit expires on 1 April 2026.

Recently granted water permit U190716 in the name of The Throne Trustees Ltd permits the take of Waihopai FMU water from an intake point near the north western corner of the subject property (at grid reference 1657360E 5392011N), approximately 25 m downstream of the intake for the Applicants Water Permit U160015. The next downstream intake point is approximately 1.7 km to the north.

1.1 Zoning Framework

The subject property is zoned Rural 4 in the Wairau Awatere Resource Management Plan (the Plan).

Under the Proposed Marlborough Environment Plan (the Proposed Plan) the subject property is zoned Rural Environment and is identified as being within the Waihopai Freshwater Management Unit (FMU). A Soil Sensitive Area (impeded soils) overly covers the southern end of the property.

There are no known / recorded archaeological sites or recognised customary activities associated with the subject property, nor is the property identified on the Council Listed Land Use Register, or likely to be included on the Hazardous Activities and Industries List.

2. <u>DESCRIPTION OF PROPOSED ACTIVITY</u>

The subject property contains approximately 11 ha of land that is suitable for vineyard, crop or pasture irrigation.

As required under the Proposed Plan, the subject water take has been assessed for reasonable use by Irricalc, which determines an annual maximum water take volume of 23,881 m³ per year, taken between October and April is required to irrigate 11 ha of grapes.

Irricalc specifies a total daily volume of 253 m³.

Refer to Appendix 2; Irricalc - Irrigation Requirements: Georgialeigh Ltd.

The Applicant seeks the maximum daily take as recommended by Irricalc, being 253 m³ of B Class Waihopai FMU water to irrigate 11 ha of vineyard, crops & pasture.

The abstraction point will be the existing intake for U160015, located at grid reference 1658017E 5391576N.

3. REQUIREMENT FOR RESOURCE CONSENT

Section 14 of the Resource Management Act 1991 specifies that no person may take or use water in a manner that contravenes a rule in a regional plan unless allowed by a resource consent.

Section 86B(3)(a) of the Act specifies that if a rule in a proposed plan protects or relates to water and soil, it has immediate legal effect. Therefore, the provisions of both the Wairau Awatere Resource Management Plan and the Proposed Marlborough Environment Plan must be taken into account.

3.1 Wairau Awatere Resource Management Plan (the Plan)

Under Plan Rule 27.1.2.3 abstractions between 10 and 500 m³/ day / site from a water resource other than the Wairau Aguifer is a **discretionary** activity.

The use of water is not provided for in the Plan, therefore in accordance with Section 87B of the Act, use of water is a **discretionary** activity.

3.2 Proposed Marlborough Environment Plan (the Proposed Plan)

Under Proposed Plan General Rules 2.5.2 and 2.5.3 the proposed take and use of water is a **discretionary** activity.

General Rules 2.5.2 and 2.5.3 have immediate legal effect.

3.3 Consents Required

The Applicant seeks the following resource consents:

Water Permit – Take Water

To take B Class Waihopai FMU water from an existing intake (Grid Reference 1658017E 5391576N) up to a maximum rate of 253 m³ per day.

Water Permit – Use Water

To use water for the irrigation of up to 11 ha of vineyard, crops and pasture on Pt Sec 2 Blk XIV Avon SD.

3.4 Volunteered Conditions of Consent

3.4.1 Water Permit – Take Water

- 1. The maximum abstraction rate authorised by this consent is 253 cubic metres per day.
- 2. This consent will expire on xxx 2050 [30-year term].
- 3. The abstraction must cease if the flow in that Waihopai River (measured at Council's Waihopai River at Olive Grove recorder) is below 1.900 cubic metres per second.

- 4. The abstraction must cease if the flow in the Wairau River (measured at the Council's Barnetts Bank recorder) is below 8.000 cubic metres per second.
- 5. The Consent Holder shall maintain a meter at the intake to measure water abstraction that is able to provide data in a form suitable for electronic storage. The meter is to exclusively record all water taken pursuant to this consent with an accuracy of plus or minus 5%. The metre has the number 1800.
- 6. The Consent Holder maintain a datalogger to record and store water abstraction data at daily intervals. Data recorded is to be provided to the Marlborough District Council by telemetry system at daily intervals.
- 7. Council staff will perform an audit role in respect of water abstraction records and may call to take readings from time to time.
- 8. In accordance with section 128 of the Resource Management Act 1991, from the date of consent until expiration, the Marlborough District Council may review the conditions of the consent at any time from 1 June to 31 August in each year for the following purposes:
 - a. For the purpose of dealing with any adverse effects on the Waihopai River FMU or the Wairau River FMU or on any neighbouring wells or intake structures existing at the time this consent was granted, that may arise as the result of the exercising of this consent or as the result of the cumulative effect of this consent combined with the exercise of other resource consents, which may become apparent from monitoring undertaken pursuant to this consent or by the Marlborough District Council Officers.
 - b. To bring the consent conditions in line with any regional plan which sets rules relating to a maximum or minimum level of flows or rates of abstraction or minimum standards of water quality if in the Marlborough District Council's opinion it is appropriate to review the conditions in order to enable the levels, flows, rates or standards set by such rules to be met.

3.4.2 Water Permit - Use Water

- 1. This consent will expire on xxxx 2050 [30-year term].
- 2. Water can be used up to the maximum monthly rate (cubic metres per month) set out in the table below:

January	February	March	April	May	June
6,820	5,610	3,080	1,320	0	0

July	August	September	October	November	December
0	0	0	770	4,290	6,050

- 3. The maximum cumulative annual usage shall not exceed 23,881 cubic metres. A year is defined as form 1 July to the following 30 June.
- 4. In accordance with section 128 of the Resource Management Act 1991, from the date of consent until the date this consent expires, the Marlborough District Council may at any time from 1 June to 31 August in each year, review the conditions of consent to bring the consent conditions in line with any regional plan which is made operative which sets rules or guidelines relating to rates of usage.

4. ASSESSMENT OF ENVIRONMENTAL EFFECTS

The Applicant seeks consent to abstract 253 m³ per day of B Class Waihopai water from the existing intake for U160015. The water is to be used for irrigation of a vineyard, crops and pasture on the subject property.

The Proposed Plan sets out the quantity allocation for the classes of water takes for each Freshwater Management Unit in Appendix 6, being 97,632 m³ per day of B Class Waihopai FMU water. Council has advised that there is just over 4000 m³ per day of B Class Waihopai FMU water currently available.

The proposed water take is within the allocation provided by the Proposed Plan and will be subject to low flow restrictions as set out in the volunteered conditions. With these restrictions in place, the abstraction should have no more than minor effect on instream flora and fauna.

The Applicant will continue to utilise existing verified water meter (number 1800), data logger and telemetry to measure and record the volume of water used under this permit. This will assist sustainable and efficient use of the water resource.

Overall, the proposal will not generate any adverse environmental effects that can be considered more than minor.

4.1 Potentially Affected Parties

The Applicant is aware that the Council will forward notice of this application to relevant local iwi for their consideration. The Applicant is willing to discuss with iwi any matters raised through that process.

The Applicant has had initial discussions with The Throne Trustees Ltd representatives and no issues were raised.

5. ASSESSMENT OF STATUTORY FRAMEWORK

5.1 Wairau Awatere Resource Management Plan (the Plan) - Relevant Objectives and Policies

5.1.2 Chapter 6 - Fresh Water

Objective 6.2.1.1 seeks to provide for the take and use of fresh water in a manner which safeguards the life supporting capacity of the resource and avoids, remedies or mitigates any adverse effects on the environment. This objective is supported by Policy 6.2.1.1.1 which addresses the maintenance of surface water flows by setting and enforcing Sustainable Flow Regimes, which are in turn determined by monitoring information (Policy 6.2.1.1.4).

The Plan recognises as an issue that competing and increasing demand for freshwater resources may lead to inequitable allocation. This has led to the development of water allocation guidelines based on the type of crop to be irrigated as set out in Volume 1, Chapter 6 of the Plan.

The guidelines specify 22 m³ per ha per day for grapes. The rate recommended by Irricalc for the subject land is 23 m³ per ha for grapes.

Objective 6.3.1 reinforces the Plan requirement to achieve equitable allocation and use of surface water and groundwater resources and is supported by the following relevant policies:

Policy 6.3.1.1.2: To establish and apply a triple class permit system for the taking of water and to set and enforce maximum allocations for each class.

Policy 6.3.1.1.4: To set water permit volumes, initially and at either review or renewal, on the basis of water allocation guideline or actual use as indicated by water meter readings.

Policy 6.3.1.1.8: To require water metering by an accepted method as a condition of all water permits involving the taking and use of water.

The Applicant will continue to utilise a verified water meter and electronic data logger to measure and record the volume of water used under this permit. This will assist sustainable and efficient use of the water resource.

Objective 6.5.1 seeks to achieve sustainable, equitable and efficient allocation of water during periods of low surface water flows or low groundwater levels and is supported by Policy 6.5.1.1.2 which aims to include conditions on new water permits requiring users to reduce and suspend takes when specified flows or levels are reached.

The Applicant understands that water take restrictions may be imposed during extreme conditions

The proposal is not contrary to any of the relevant objectives and policies of the Plan.

5.2 <u>Proposed Marlborough Environment Plan (the Proposed Plan) – Relevant Objectives and Policies</u>

5.2.1 Chapter 4 – Use of Natural and Physical Resources

Objective 4.1 – Marlborough's primary production sector and tourism sector continue to be successful and thrive whilst ensuring the sustainability of natural resources.

Policy 4.1.2 – Enable sustainable use of natural resources in the Marlborough environment.

The Proposed Plan discusses the use of allocation frameworks for freshwater which will enable the sustainable use and development of this resource. These are developed more fully in Chapter 5.

5.2.2 Chapter 5 - Allocation of Public Resources

The Proposed Plan acknowledges that it is essential that the management applied to any water resource reflects the hydrological and environmental conditions of that defined catchment or aquifer.

Policy 5.2.13 seeks to limit the amount of water available to be taken from any FMU and avoiding allocating water beyond the limit set. This is further supported by Policy 5.3.6 which requires water to be allocated within any class on a first-in, first-served basis through the resource consent process until the allocation limit is reached for the first time, and further, Policy 5.3.6 which seeks to allocate water to irrigation users on the basis of a nine in ten year water demand for the crop – parameters which Irricalc determines.

The proposed take is within the allocation limit set by the Proposed Plan, and in accordance with the recommendation of Irricalc.

Policy 5.3.14 addresses the duration of water permits to take water, and directs that it should generally not be less than 30 years when the take is from a water resource that has a water allocation limit specified in Schedule 1 of Appendix 6; and a minimum flow or level specified in Schedule 3 of Appendix 6; and is not over-allocated.

The Waihopai FMU meets these criteria and therefore the Applicant understands a term of 30 years can be imposed.

Policy 5.7.2 requires allocation of water to be on the basis of reasonable demand given the intended use. Irricalc is the tool Council utilises to estimate allocations, which the Applicant has used to determine the amount of water required under this application.

5.2.3 Chapter 14 - Use of the Rural Environment

Objective 14.1 notes that primary production activities must be enabled in the rural environment, provided adverse effects are appropriately managed, as they contribute to economic wellbeing.

The proposed water take and use will ensure continued sustainable primary production on the subject property, giving the Applicant certainty that their vineyard, crops and pasture will have a reliable supply of irrigation water.

5.3 Marlborough Regional Policy Statement (RPS)

By design, the purpose, intent and provisions set out in the RPS are implemented through the Plan.

5.4 National Policy Statement for Freshwater Management

The NPSFW supports improved freshwater management through directing regional councils to establish objectives and set limits for fresh water in their plans. Councils are required to account for all water taken out of rivers, lakes and groundwater and take steps to prevent or reduce over allocation of these water resources.

The Applicant acknowledges that clear limits will be imposed on this consent should it be granted, including restrictions, and monitoring requirements. Ongoing monitoring will enable the Council to gather valuable information that will assist with providing long term certainty for all parties.

Therefore, the proposal is considered to be consistent with the NPSFW.

5.5 Part II - Resource Management Act 1991 (the Act)

Part II of the Act contains Sections 5 - 8 which set out the purpose and principles on which the Act is founded and from which all other associated statutory framework is derived.

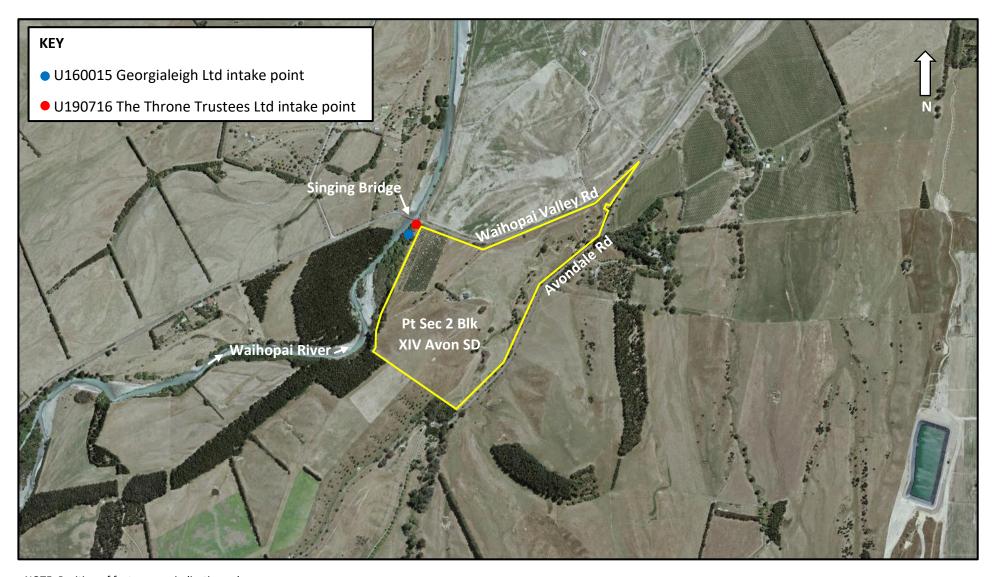
Section 5 states the purpose of the Act is to promote the sustainable management of natural and physical resources, including enabling people and communities to provide for the social, economic, and cultural well-being. For this application, sustainable management means allowing the Applicant to take and use B Class water to irrigate 11 ha of vineyard, crops and pasture.

The proposal will not generate any adverse effects on the environment that can be considered more than minor and therefore does not conflict with any of the matters of national importance or other matters set out under Sections 6 and 7 of the Act.

Section 8 requires the principles of the Treaty of Waitangi to be taken into account by all persons exercising functions and powers under the Resource Management Act, in relation to managing the use, development, and protection of natural and physical resources. It is not considered that the proposal will compromise any of the principles of the Treaty.

The Applicant is aware that Council will forward notice of this application to the relevant iwi for their consideration. The Applicant is willing to discuss with iwi any matters which arise from that process.

Overall the proposal will be in accordance with the purpose and principles of the Act.



NOTE: Position of features are indicative only.



Davidson Ayson House 4 Nelson Street PO Box 169, BLENHEIM 7240 T:03 577 1925 info@remacconsulting.co.nz www.remacconsulting.co.nz

GEORGIALEIGH LTD

PROPOSED WATER PERMIT – TAKE & USE Application for Resource Consent LOCALITY PLAN

Original size A4

Drawing No R8289

Sheet R1

Issue A

Date 25.02.2020



RECORD OF TITLE UNDER LAND TRANSFER ACT 2017 FREEHOLD

Search Copy



Identifier Land Registration District Date Issued MB52/4 Marlborough 26 August 1953 **Part-Cancelled**

Prior References

MBPR7/66

Estate Fee Simple

Area 30.8573 hectares more or less

Legal Description Section 2 Block XIV Avon Survey District

Registered Owners Georgialeigh Limited

Interests

Subject to Section 59 Land Act 1948

Subject to Section 8 Coal Mines Amendment Act 1950

41799 Gazette Notice taking part (9.2 perches) for an automatic telephone exchange from and after 27th April 1964 - 4.5.1964 at 11.21 am

20496 Transfer creating the following easements - 9.12.1952 at 12.08 pm

Type Servient Tenement Easement Area Dominant Tenement Statutory Restriction

Water Section 2 Block XIV Part herein Land in CT MB39/113

Avon Survey District -

herein

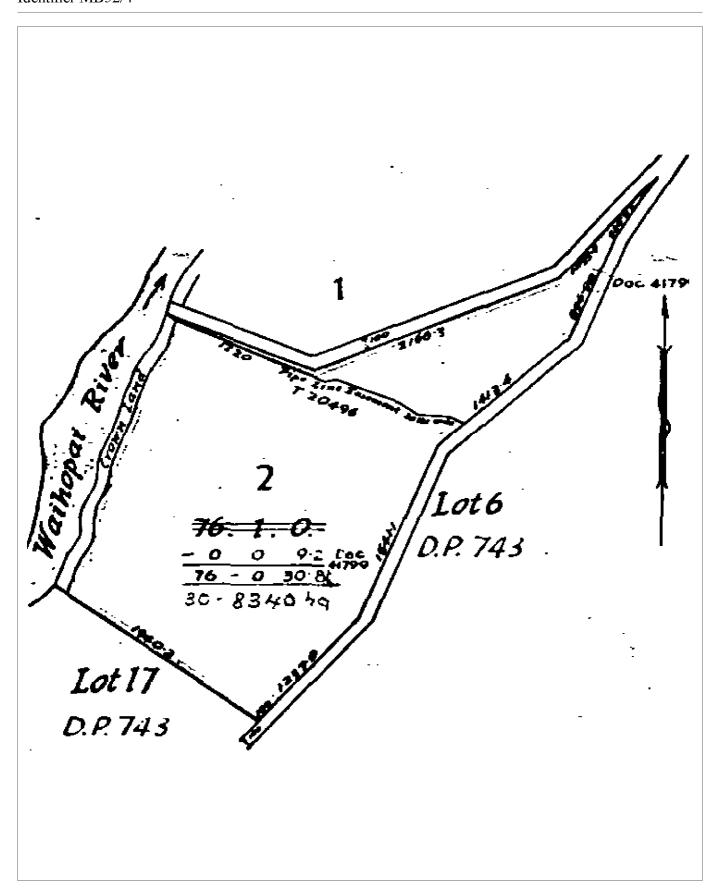
 $11104447.3\ Mortgage$ to Bank of New Zealand - 5.6.2018 at $4:12\ pm$

11229295.1 Mortgage to Ricrowe Trustee Limited - 17.12.2018 at 11:58 am

Transaction Id

Search Copy Dated 25/02/20 9:43 am, Page 1 of 2

Client Reference LoL Remac R8289 Georgialeigh Ltd



 ${\it Client \, Reference: LoL \, Remac \, R8289 \, Georgia leigh \, Ltd}$

IRRIGATION REASONABLE USE DATABASE

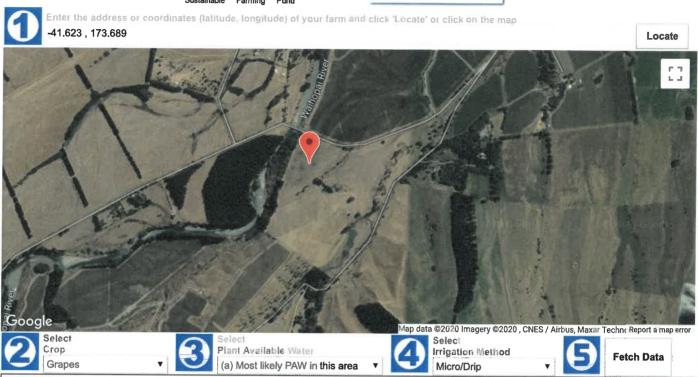
5 STEPS - TO GET THE IRRIGATION REQUIREMENTS INFORMATION YOU NEED FOR IRRIGATION PLANNING, CONSENTING AND DESIGN











Farm Details		Plant	Available	Water Details	ater Details Irrigation Requirements				
Description		PAW(mm)		Indicative Likelihood	Area (hectares)		Per Hectare		
Latitude	-41.623	50	•	54	11	System Capacity	0.27 (l/s/ha)	2.97	(l/s)
Longitude	173.689		v)		0	System Capacity	2.3 (mm/da	ay)	
Council	Mariborough		▼ }		0	Daily Volume	23 (m ³ /ha	253	(m ³)
Climate Site ID	P154120		▼]		0	7 Day Volume	(m³/ha		(m ³)
Distance to Climate Site (km)	1.19		V		December of the second of the	28 Day Volume	(m³/ha		(m ³)
Rainfall (mm)	717			Total area =	11	90% ile Annual Volume	2,171 (m ³ /ha)	23,881	(m ³)

90 Percentile Monthly Volume												
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	Mav	Jun
Per Hectare (m ³ /h)	0	0	0	70	390	550	620	510	280	120	0	0
Total Area (m ³)	0	0	0	770	4,290	6,050	6,820	5,610	3,080	1,320	0	0

These estimates of irrigation requirements are based on the assumption that the crop you selected can be grown and irrigated at the site you have selected. Constraints such as topography and crop-specific climate requirements are not taken into account.

Irrigation requirements may be less than reported here if your soils are poorly drained or the water table is close to the soil surface

Detailed Results

Save this Page

Background Information

©2014-2015 Aqualinc Research Limited - PO Box 20-462, Bishopdale, Christchurch, New Zealand Phone: +64 3 964 6521 Fax:+64 3 964 6520

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 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			
Appli Name	cation Number					
Appli Name Appli	cation Number e of Applicant (state full name)					
Appli Name Appli	cation Number e of Applicant (state full name) cation Site Address					
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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. (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.)

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.