



**MARLBOROUGH
DISTRICT COUNCIL**

RESOURCE CONSENT APPLICATION

U160952

Babich Wines Limited

Fareham Lane, Renwick

Submissions Close

5.00 pm Thursday 6 October 2016

Babich Wines Limited

Resource Consent Application - Water Permit

August 2016



Resource Consent Application

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



**MARLBOROUGH
DISTRICT COUNCIL**

Please read and complete this form thoroughly and provide all details relevant to your proposal. Feel free to discuss any aspect of your proposal, the words used in this form or the application process with Council staff, who are here to help.

This application will be checked before formal acceptance. If further information is required, you will be notified accordingly. When this information is supplied, the application will be formally received and processed further.

You may apply for more than one consent that is needed to cover several aspects of the activity on this form.

For Office Use

ISO 9001:2008
Document Number:
RAF0002-C11579

Lodgement Fee Paid \$

Receipt No.

Consent No.

Case Officer:

Date Received:

RECEIVED

31 AUG 2016

MARLBOROUGH
DISTRICT COUNCIL

1. Applicant Details (If a trust, list full names of all trustees.)

Name:

(full legal name)

Babich Wines Ltd

Mailing Address:

(including post code)

10 Babich Road
Henderson Valley
Waitakere 0612

Email Address: DavidBullivant@babichwines.co.nz

Phone: (Daytime) 577 6571

Phone: (Mobile) 027 281 6350

2. Agent Details (If your agent is dealing with the application, all communication regarding the application will be sent to the agent.)

Name:

Paul Williams

Mailing Address:

(including post code)

RMco Ltd
PO Box 820
Blenheim 7240

Email Address: paul@rmco.co.nz

Phone: (Daytime) 577 9239

Phone: (Mobile) 0274 577 009

3. Type of Resource Consent Applied For

☐ Coastal Permit ☐ Discharge Permit ☐ Land Use ☐ Subdivision ☒ Water Permit

4. Brief Description of the Activity

To take up to 567.4 cubic metres of water per day from Gibson's Creek.

To use up to 56,740 cubic metres of water per year to irrigate 28.4ha of grapes and 2.2ha of olives.

This application is to take water from Gibson's Creek only when the Fareham Lane Water Users Group and the Southern Valleys Irrigation Schemes are restricted or unavailable.

This application is for a water permit to replace, in part, existing water permit U060714, which is due to expire.

5. Supplementary Information Provided?

☒ Yes ☐ No

Council has supplementary forms for some activities, such as moorings, water permits, domestic wastewater, discharge permits, to assist applicants with providing the required information.

6. Property Details

The location to which the application relates is (address): End of Fareham Lane

Legal description (i.e. Lot 1 DP 1234): Lot 2 DP469027

(Attach a sketch of the locality and activity points. Describe the location in a manner which 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 application may relate, proximity to any well known landmark, DP number, Valuation Number, Property Number.)

Please attach a copy of the Certificate of Title that is less than 3 months old (except for coastal or water permits).

The names and addresses of the owner and occupier of the land (other than the applicant):

Please attach the written approval of 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 on a separate sheet why you have not.

7. Assessment of Effects on the Environment (AEE) *(Attach separate sheet detailing AEE.)*

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 also have to include consideration of the provisions of the Resource Management Act 1991 and other relevant planning documents.

Note: Failure to submit an AEE will result in return of this application.



8. Other Information

Are additional resource consents required in relation to this proposal? If so, please list and indicate if they have been obtained or applied for.

I attach any other information required to be included in the application by the relevant Resource Management Plan, Act or regulations.

☒ Yes ☐ No

9. Fees

1. 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 put Applicant Name and either U-number, property number or consent type as a reference. If you require a GST receipt for a bank payment, please tick ☐
2. 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). Invoices are due for payment on the 20th of the month following invoice date. 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.
3. Please make invoice out to: ☒ Applicant ☐ Agent
(if neither is ticked the invoice will be made out to Applicant)

10. Declaration

I (please print name) Paul Edwin Williams

confirm that the information provided in this application and the attachments to it are accurate.

Signature of applicant or authorised agent:



Date: 31 August 2016

Privacy Information

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 make corrections to your details, please contact Council.

Reset Form



Contents

1	Executive Summary	4
2	Location.....	4
3	Receiving Environment.....	5
3.1	The Site & Surrounding Land Uses.....	5
3.2	The Water Resource	5
3.3	Statutory Acknowledgements.....	5
4	Water Permit Background	6
5	Proposal Detail	6
6	Activity Status.....	7
6.1	Resource Management Act.....	7
6.2	Wairau/ Awatere Resource Management Plan	7
6.3	Marlborough Environment Plan.....	7
7	Assessment.....	8
7.1	Actual & Potential Effects.....	8
7.2	Objectives & Policies - WARMP.....	9
7.3	Objectives & Policies – MEP	9
7.4	National Environment Standard	11
7.5	National Policy Statement.....	11
7.6	Regional Policy Statement.....	11
8	Potentially Adversely Affected Persons & Consultation.....	11
9	Conclusions.....	11
	Appendix 1 – Location	0
	Appendix 2 – Aerial Photo.....	1

Appendix 4 – Irrigation Requirements	2
Appendix 5 - Water Permit Form.....	4
Appendix 6 - Analysis of Requirements of Schedule 4 of the Act.....	5



1 Executive Summary

The applicants, Babich Wines Ltd and AP Holdings 2013 Ltd, own adjacent land located on the east bank of the Waihopai River near the confluence with the Wairau River. Access to the property is gained off Fareham Lane. The land is planted in grapes and olives.

Babich Wines also has connection to the Fareham Lane Water users Group supply (FLWUG) and the Southern Valleys Irrigation Scheme (SVIS).

An existing water permit (U060714) provides for up to 715.4m³/day of water to be drawn from Gibson's Creek as a backup irrigation supply in the event that either or both of the above irrigation schemes cannot supply the required water for whatever reason. Part of that water permit is held by Babich Wines Ltd and part by AP Holdings Ltd. The permit is due to expire on 31 January 2017.

This application is to replace that part of the existing water permit for Babich Wines Ltd on expiry of the existing water permit.

The existing water permit provides for the irrigation of 14.3ha of vineyard and 16.3ha of olives on the Babich land. The area of grapes on the Babich land is now 28.4ha and the olives have been reduced to 2.2ha. An application for a separate water permit for AP Holdings Ltd to take their share of water to irrigate 7.4ha of grapes is being made concurrently.

The rates of application are less than as provided for by the Wairau/ Awatere Resource Management Plan and the Marlborough Environment Plan. The proposed abstraction is within the allocation limits for Gibson's Creek in the WARMP. This proposed take is part of the Class A Waihopai allocation which is currently fully allocated.

Given that this is an application for an intermittent take only when other sources of the same water have failed to deliver and that it will still be restricted when thresholds in the water source are reached, the adverse effects of this proposal will be acceptable and the proposal is consistent with the promotion of the sustainable management of natural and physical resources as set out in Section 5 of the Resource Management Act 1991.

2 Location

The subject property is located on the east bank of the Waihopai River near the confluence with the Wairau River. Access to the property is gained off Fareham Lane. The general location of the site is found in Appendix 1.

The legal description of the land to be irrigated is Lot 2 DP469027.

Water for irrigation under this permit is drawn via a screened suction hose directly from Gibson's Creek at the location identified in the map in Appendix 2.

3 Receiving Environment

3.1 The Site & Surrounding Land Uses

The land is of flat to undulating contour. The northern and central parts of the Babich land is in established vineyards (28.4ha in total) and the balance is in olives (2.2ha). There are no dwellings on the land.

For the purposes of s104(2A) of the RMA, the value of the investment in the vineyard to be irrigated is estimated to be in the order of \$5.1 million.

On the western boundary of the site lies the river berm of the Waihopai River covered in willows, acacias and various other scrub and tree species. The balance of the surrounding land is in established vineyards.

3.2 The Water Resource

Prior to 1916 the Waihopai River regularly flowed down various Gibson's Creek channels and into the Upper Opawa River. In 1916 flood control works blocked off the distributory channels from the Waihopai River. In 1960, to compensate for the effects of the flood control work, a new abstraction gate and channel from the Waihopai River was constructed to form what is now known as Gibson's Creek.

Water permits, including the existing permit that is the subject of this application, have been granted from this source. These have historically have been treated as Waihopai River Class A water takes.

3.3 Statutory Acknowledgements

Statutory acknowledgements are set out in the document *Te Tau Ihu – Statutory Acknowledgements 2014* which is an attachment to the Wairau/ Awatere Resource Management Plan.

Rangitane o Wairau, Ngati Rarua and Ngati Toa have noted cultural, spiritual, historical and traditional associations with the land that is proposed to be irrigated and where the well is situated.

While the above three iwi authorities have noted their general associations with the land, no specific sites of cultural, spiritual, historical or traditional significance are identified at or near the specific site of this proposal in the statutory acknowledgement document.

4 Water Permit Background

The existing water permit U060714 was granted to Kerner Estate Ltd in January 2001 for the abstraction of up to 715.4m³/day of water from Gibson's Creek for the irrigation of 22ha of vineyard and 10ha of olives. This water permit was granted on the basis that it would only be exercised when water from the SVIS and/or FLWUG schemes are restricted or unavailable.

In March 2014 the water permit was transferred in its entirety to Babich Wines. In September 2015, 165.97 m³/day was transferred to AP Holdings 2013 Ltd for the irrigation of 7.4ha of grapes with the balance of 549.43m³/day remaining for Babich wines for the irrigation of 14.3ha of grapes and 16.3ha of olives. Babich now irrigate 28.4ha of grapes and 2.2ha of olives under their share of this permit.

The consent is due to expire on 31 January 2017.

5 Proposal Detail

Water Permit - Take Surface Water

To abstract surface water at a maximum rate of 567.4m³/day from Gibson's Creek. The abstraction will be via a portable pump and meter with a suction hose placed in Gibson's Creek in the location shown on the aerial photograph in Appendix 2.

Note that AP Holdings who hold the other portion of the water permit have independently applied for 148m³/day for the irrigation of 7.4ha of grapes. Jointly the AP holdings and this Babich application are for 715.4m³/day, which is currently what is granted under the existing water permit U060714.

Water Permit – To Use Surface Water

To use surface water from Gibson's Creek for irrigation of up to 28.4ha of vineyard and 2.2ha of olives on Lot 2 DP469027 at a maximum rate of 56,740m³/ year.

Under *Irricalc* that maximum annual rate would be 68,364m³/yr. What is being applied for is less than this as the Waihopai Freshwater Management Unit (of which this part of Gibson's Creek is a part of) is fully allocated.

The *Irricalc* calculations found in Appendix 4 show that less water is being applied for than is required.

Babich Wines also has a connection to the Fareham Lane Water users Group supply (FLWUG) and the Southern Valleys Irrigation Scheme (SVIS). This application is to take water from Gibson's Creek when water from those schemes cannot deliver sufficient water for whatever reason.

6 Activity Status

6.1 Resource Management Act

Section 14 of the Resource Management Act 1991 (the Act) requires that (paraphrased) no person may take or use any water unless it is allowed by a regional rule or resource consent.

6.2 Wairau/ Awatere Resource Management Plan

Water Take

In accordance with Rule 27.1.2.4 for abstractions greater than 500m³/day/site from any area outside of the Wairau Aquifer, this proposed abstraction is a non-complying activity.

Rule 27.1.1.2.10 sets out the water allocation limits for the main rivers. The Gibsons Creek allocation is set out as 0.15 m³/sec (150 litres/sec) and is classified as a Waihopai River Class A take.

Use of Water

The water is to be used for the irrigation of grapes and olives. The Act requires that no person may use water unless expressly allowed in a rule in a regional plan. The only uses specifically provided for in the Plan are for domestic, stock, bore testing, firefighting and use from storage dams.

Section 87B of the Act determines that where Part 3 of the Act requires a resource consent, but where there is no relevant rule in a plan, the activity is to be dealt with as discretionary. The proposed use of abstracted water for irrigation is therefore a discretionary activity.

6.3 Marlborough Environment Plan

Rule 2.5.2 provides that any take of water that is not provided for as a Permitted Activity or Controlled Activity, or limited as a Prohibited Activity, is a Discretionary Activity.

Rule 2.5.3 provides that any use of water that is not provided for as a Permitted Activity or limited as a Prohibited Activity, is a Discretionary Activity.

The MEP treats this section of Gibson's Creek (above drop structure) as part of the Waihopai Freshwater Management Unit in terms of allocations for water takes.

7 Assessment

7.1 Actual & Potential Effects

Effects on Neighbourhood, Community

There are no surface water intakes downstream from this proposed water take that may be affected by continuation of this proposed abstraction.

There are no immediately adjacent ground water takes that may be affected by the proposed take.

The decision on the existing water permit found that there was no hydrological evidence that the FLWUG take will be affected by the subject abstraction.

Effects on the Locality, Landscape, Visual

The site is not noted as an outstanding natural feature or landscape in the Plan.

There will be no adverse effects on the locality, landscape or visual qualities of the area.

Effects on Aesthetic, Recreational, Scientific, Historical, Spiritual, or Cultural Values

There are no particular aesthetic issues with this proposal and the site is not noted for any recreational values.

The site is not noted in the Plan as having any significant scientific or European historical significance. It is not noted in the document *Te Tau Ihu – Statutory Acknowledgements 2104* as having specific sites of cultural, spiritual, historical or traditional significance to Maori.

Effects of Discharge of Contaminants

No discharge of contaminants is proposed or will result from this proposal.

Risk Through Natural Hazards, Hazardous Substances, Hazardous Installations

There will be no risk of natural hazards. No hazardous substances will be used or hazardous installations proposed.

Effects on the Water Resource

No more water is proposed to be taken than already allocated under the existing resource consent U060714.

Water will only be drawn from this source in the event of unexpected failures of the FLWUG or SVIS supplies. It is not known how much water the former owner of the property, Kerne Estate, abstracted under this permit. In the two years since Babich Wines has owned the property, no water has been taken.

Effects on Ecosystems

The abstraction will be subject to the low flow restrictions for Class A Waihopai Freshwater Management Unit as in the current consent. The effects of abstraction on instream ecological values will therefore be no more than minor given that the low flow restrictions were designed to protect the instream ecological values.

7.2 Objectives & Policies - WARMMP

While acknowledging the need to safeguard the life-supporting capacity of water resources, the Wairau/ Awatere Resource Management Plan is essentially permissive in its approach to water use. This is borne out in Clause 6.2.1, Objective 1 of the Plan: *To **provide for the taking, use, damming and diversion 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***" (my emphasis in bold).

Policy 1.1: *To maintain surface water flows at levels which safeguard the life supporting capacity of the resource by setting and enforcing Sustainable Flow Regimes (SFRs) in terms of specified river flows.*

Comment: A sustainable flow regime of 12,960m³/day of Class A water has been established in the Plan for Gibson's Creek. This application is to replace part of an existing water permit (which is due to expire) with a new water permit. The existing water permit is part of the current allocation.

Clause 6.4.1, Policy 1.2 - *To allocate water on the basis of guidelines.*

Comment: The maximum guidelines set by the Plan for the irrigation of grapes is 22m³/ha/day and for olives is 29m³/ha/day. This proposal is for less water than the WARMMP guideline.

7.3 Objectives & Policies – MEP

Use of Natural Resources

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

The commentary to this policy states that: *As a principle, the Council will continue to enable access to natural resources where the subsequent use of those resources has no more than minor adverse effect on the immediate or surrounding environment.*

Comment: This is an application for a back-up irrigation supply in the event that other water supplies fail for whatever reason. Water abstractions under this proposal will be intermittent. The Waihopai FMU water resource will continue to be protected by abstraction limits. The adverse effects of continued use of water under this proposal will continue to be minor.

Allocation of Public Resources

Objective 5.2 – Safeguard the life-supporting capacity of freshwater resources by retaining sufficient flows and/or levels for the natural and human use values supported by waterbodies.

Comment: There is a whole raft of subordinate policies under this objective which enable rules in the Plan to achieve the objective. Two of the more important policies in relation to this application are:

Policy 5.2.4 – Set specific environmental flows and/or levels for Freshwater Management Units dominated by rivers, lakes and wetlands to: (a) protect the mauri of the waterbody; (b) protect instream habitat and ecology; (c) maintain fish passage and fish spawning grounds; (d) preserve the natural character of the river; (e) maintain water quality; (f) provide for adequate groundwater recharge where the river is physically connected to an aquifer or groundwater; and (g) maintain amenity values.

Policy 5.2.13 – Limit the total amount of water available to be taken from any freshwater management unit and avoid allocating water (through the resource consent process) beyond the limit set.

Comment: The proposal is for water from the Waihopai Freshwater Management Unit which is fully allocated. Water from this FMU has already been allocated by the existing water permit.

Policy 5.3.5 – Enable the take and use of water where it will have little or no adverse effect on water resources. The commentary to this policy states: The policy records a principle that users should be entitled to access water with relative ease if the provisions of the MEP determine the abstraction from the water resource to be sustainable.

Comment: This application is to replace part of an existing water permit (which is due to expire) with a new water permit. The application volume is within the allocation limit and no adverse effects are known.

Policy 5.3.7 – Allocate water to irrigation users on the basis of a nine in ten year water demand for the crop/pasture.

Comment: The programme *Irricalc* has been developed to determine water requirements on the basis of a nine in ten year water demand. The proposed take volume is for less water than *Irricalc* determines is reasonable.

Policy 5.3.8 – Approve water permit applications to continue taking and using surface water when:

(a) a specific minimum flow and allocation limit for the source Freshwater Management Unit is established in the Marlborough Environment Plan;

Comment: A specific minimum flow and allocation limit has been set in the MEP for the Waihopai FMU.

(a) the Freshwater Management Unit is not over-allocated in terms of the limits set in the Marlborough Environment Plan;

Comment: The Waihopai FMU is not over-allocated. No more water is being applied for than has already been allocated under the existing water permit.

(b) there is to be no change to the intended use of water, or if there is a change in use, this results in a decrease in the rate of take of water; and

Comment: More grapes are to be irrigated and less olives. Less water is requested than is required.

(c) the application is made at least three months prior to the expiry of the existing water permit.

Comment: This application is being made six months before expiry.

7.4 National Environment Standard

There is no currently operative National Environmental Standard that is relevant to this proposal.

7.5 National Policy Statement

The National Policy Statement for Freshwater Management 2014 (NPSFM) requires consent authorities to assess the possible effects of abstractions from over-allocating water resources. It requires the consent authority to decide if abstractions will cause any new effects and whether those abstractions will adversely affect the life supporting capacity of the freshwater system.

This is an application to replace an existing water permit.

The MEP has introduced a range of objectives and policies to deal with over-allocation issues. Given that under the existing water permit, less water was consented than is actually required and that this is the same for this application, it would not be fair to further limit this abstraction to try to reduce over-allocation from this FMU.

7.6 Regional Policy Statement

I have reviewed this proposal against the provisions of the Marlborough Regional Policy Statement (RPS). There are no matters in that document that have not already been covered by the objectives and policies of the Plan.

8 Potentially Adversely Affected Persons & Consultation

Given the separation distances to (and limit of effects on) other water takes, no parties are considered to be potentially affected and no consultation has been undertaken.

9 Conclusions

The adverse effects of ongoing abstraction of water from this water source for the irrigation of this existing vineyard and olives will be no more than minor.

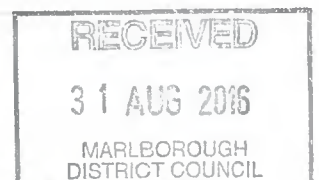
The proposal is in not contrary with the objectives and policies of the statutory resource management plans.

Overall the proposal is in accord with the purposes and principles of the Act as set out in Section 5.

Given the above, the applicant respectfully requests that approval to this proposal be granted.

Paul Williams
Resource Management Consultant

August 2016



Appendix 1 – Location

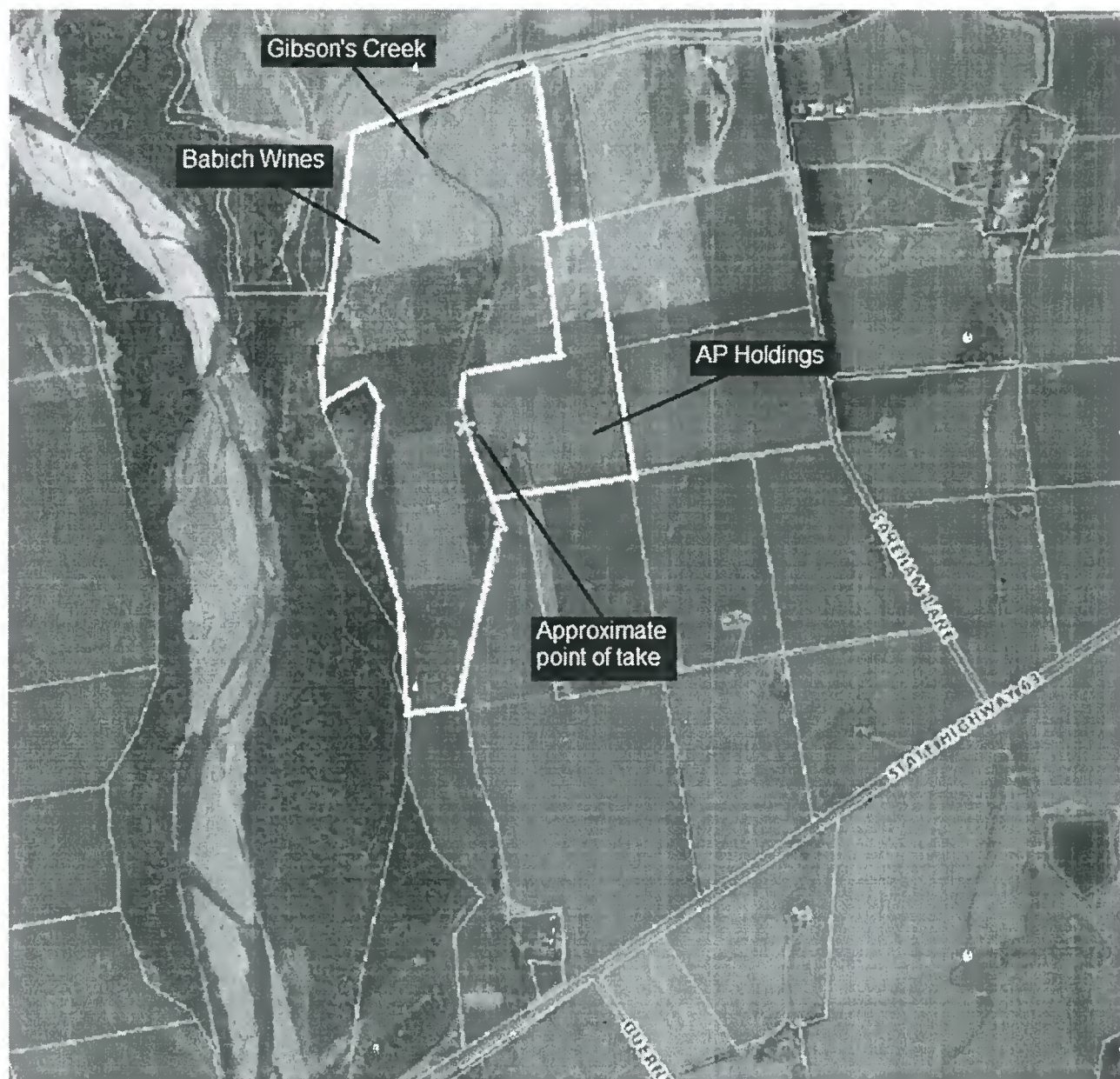


RECEIVED

31 AUG 2016


MARLBOROUGH
DISTRICT COUNCIL

Appendix 2 – Aerial Photo




IRRIGATION REASONABLE USE DATABASE

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




Ministry for Primary Industries
Manatū Ahu Matua

Sustainable Farming Fund



LGA




AQUALINC
RESEARCH LIMITED

1

Enter the address or coordinates (latitude, longitude) of your farm and click 'Locate' or click on the map
 -41.517, 173.737

Locate



Google Map data ©2016 Google Imagery ©2016, Cnes/Spot Image, DigitalGlobe, GeoEye, IGN, Aerogrid, AeroMaps, etc.

2 Select Crop
 Grapes

3 Select Plant Available Water
 (a) Most likely PAW in this area

4 Select Irrigation Method
 Micro/Drip

5 Fetch Data

Form Details		Plant Available Water Details			Irrigation Requirements						
Description		PAW(mm)	Indicative Likelihood	Area (hectares)		Per Hectare	Total Area				
Latitude	41.517	50	81.9	28.4	System Capacity	0.23 (l/s/ha)	6.53		(l/s)		
Longitude	173.737			0	System Capacity	2 (mm/day)					
Council	Marlborough			0	Daily Volume	20 (m³/ha)	568		(m³)		
Climate Site ID	P155122			0	7 Day Volume				(m³)		
Distance to Climate Site (km)	1.34			0	28 Day Volume				(m³)		
Rainfall (mm)	937			28.4	90% ile Annual Volume	2,020 (m³/ha)	57,368		(m³)		
				Total area =							

90 Percentile Monthly Volume

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
Per Hectare (m³/h)	0	0	0	60	300	520	540	500	340	160	0	0
Total Area (m³)	0	0	0	1,704	8,520	14,768	15,336	14,200	9,656	4,544	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



IRRIGATION REASONABLE USE DATABASE

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



Ministry for Primary Industries
Manatū Ahu Matua
Sustainable Farming Fund



LGA

AQUALINC
RESEARCH LIMITED

1

Enter the address or coordinates (latitude, longitude) of your farm and click 'Locate' or click on the map
-41.517, 173.737

Locate



Google

Map data ©2016 Google Imagery ©2016, OneSat/Spot Image, D1 Report a map error.

2

Select Crop
Avocado

3

Select Plant Available Water
(a) Most likely PAW in this area

4

Select Irrigation Method
Micro/Drip

5

Fetch Data

Form Details

Description

Latitude -41.517

Longitude 173.737

Council Marlborough

Climate Site ID P155122

Distance to Climate Site 1.34 (km)

Rainfall (mm) 937

Plant Available Water Details

PAW(mm)

50

Indicative Likelihood

81.9

Area (hectares)

2.2

0

0

0

0

Total area = 2.2

Irrigation Requirements

	Per Hectare	Total Area
System Capacity	0.58 (l/s/ha)	1.28 (l/s)
System Capacity	5 (mm/day)	
Daily Volume	50 (m ³ /ha)	110 (m ³)
7 Day Volume		(m ³)
28 Day Volume		(m ³)
90% ile Annual Volume	4,998 (m ³ /ha)	10,996 (m ³)

90 Percentile Monthly Volume

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
Per Hectare (m ³ /ha)	0	0	0	100	310	910	1,500	1,400	1,100	510	200	0
Total Area (m ³)	0	0	0	220	682	2,002	3,300	3,080	2,420	1,122	440	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

RECEIVED

31 AUG 2016

MARLBOROUGH
DISTRICT COUNCIL

Appendix 5 - Water Permit Form

RECEIVED

31 AUG 2016

MARLBOROUGH
DISTRICT COUNCIL

Applicant's Name Babich Wines Ltd.



**MARLBOROUGH
DISTRICT COUNCIL**

ISO 9001
Document Number: RAF0007-CI1666

INFORMATION TO SUPPORT AN APPLICATION for Water Permits (mandatory information)

This additional application form is required to be provided to supplement the Application for a Resource Consent. It is recommended you read the *Guidelines for Submitting a Water Permit Application*. This form does not include any information necessary to support a Land Use Consent application that may also be required in association with your water permit – e.g. construction of a bore, intake structure, dam etc.

Please complete all sections that apply.

GENERAL:

1. Type of permit required:

Take surface water

☒

Dam water

☐

Take underground water

☐

Divert water

☐

2. Do you currently hold a water permit that is due to expire? Yes / No

If yes, please state the water permit number 406 0714

3. Purpose for which water is required?

(Industrial, crop irrigation, etc)

Irrigation of grapes & olives

4. Source of water

Gibson's Cr.

(name of river, stream, aquifer, etc)

5. Maximum quantity of takelitres per second

567.4cubic metres per day

.....cubic metres per week

GROUNDWATER:

1. Well number (if existing well)

2. Depth from ground level to bottom of wellmetres

3. Diameter of wellmillimetres

4. Has a pump test or well interference test been carried out on the well? Yes / No

If yes, please attach results.



SURFACE WATER:

1. Abstraction method suction hose.
(e.g. intake gallery, suction hose, diversion channel, etc.)
2. Number of pumps to be used? 1
3. Rate of flow for pump litres per second.
4. Delivery pipe diameter millimetres

DAMMING OR DIVERTING WATER:

1. Please advise reason and purpose
.....
.....
2. Is the dam or diversion permanent / temporary? (circle one)
3. If temporary, give duration details

CONSUMPTION SCHEDULE

	CROP A				CROP B				CROP C				TOTALS			
CROP TYPE e.g. corn, olives, etc	<u>grapes</u>				<u>olives.</u>											
AREA Number of hectares	<u>28.4</u>				<u>2.2</u>											
APPLICATION RATE (m ³ / ha / day)	<u>16.74</u>				<u>41.84</u>											
QUANTITY Cubic metres per day	<u>475.34</u>				<u>92.06</u>											
IRRIGATION PERIOD Circle months which apply	Jan	Feb	Mar	Apr	Jan	Feb	Mar	Apr	Jan	Feb	Mar	Apr	Jan	Feb	Mar	Apr
	May	Jun	Jul	Aug	May	Jun	Jul	Aug	May	Jun	Jul	Aug	May	Jun	Jul	Aug
	Sep	Oct	Nov	Dec	Sep	Oct	Nov	Dec	Sep	Oct	Nov	Dec	Sep	Oct	Nov	Dec
METHOD Trickle, spray, etc																

Conversion formulae – 1,000 litres = 1 cubic metre (m³) = 220 gallons 1 acre = 0.4047 hectare

RECEIVED

31 AUG 2016

MARLBOROUGH
DISTRICT COUNCIL

Appendix 6 - Analysis of Requirements of Schedule 4 of the Act

Clause	Matter	Not applicable	Addressed in application
2(1)(a)	description of activity		✓
(b)	site description		✓
(c)	Name, address of owner or occupiers		✓
(d)	any other activities that are part of the proposal	✓	
(e)	other resource consents	✓	
(f)	an assessment of the activity against the matters set out in Part 2		
	Section 5 – purpose of the Act		✓
	Section 6 – matters of national importance		
	(a) natural character of the coastal environment, wetlands, lakes, rivers	✓	
	(b) outstanding natural features and landscapes		✓
	(c) significant indigenous vegetation and habitats		✓
	(d) public access to and along the coastal marine area, lakes, and rivers	✓	
	(e) relationship of Maori with ancestral lands, water, waahi tapu, and other taonga		✓
	(f) historic heritage		✓
	(g) customary rights	✓	
	<i>Section 7 – Other Matters</i>		
	(a) kaitiakitanga	✓	
	(aa) ethic of stewardship	✓	
	(b) efficient use of resources		✓
	(ba) efficiency of energy use	✓	
	(c) amenity values	✓	
	(d) intrinsic values of ecosystems	✓	
	(f) quality of the environment	✓	
	(g) any finite characteristics of natural and physical resources		✓
	(h) protection of the habitat of trout and salmon	✓	
	(i) effects of climate change	✓	
	(j) benefits from the use and development of renewable energy	✓	
	<i>Section 8</i>		
	principles of Treaty of Waitangi	✓	
(g)	assessment of the activity against any relevant provisions of documents in s104(1)(b):		
	(i) national environmental standard		✓
	(ii) other regulations:		✓
	(iii) national policy statement		✓
	(iv) New Zealand coastal policy statement	✓	
	(v) regional policy statement or proposed regional policy statement		✓
	(vi) plan or proposed plan		✓



(6)	Information required in assessment of environmental effects		
	(a) possible alternative locations or methods if effects significant	✓	
	(b) actual or potential effects		✓
	(c) if hazardous substances and installations, an assessment of risks	✓	
	(d) discharge of any contaminants, a description of—		
	(i) nature of the discharge and the sensitivity of the receiving environment	✓	
	(ii) possible alternative methods of discharge	✓	
	(e) mitigation measures	✓	
	(f) persons affected, consultation undertaken		✓
	(g) monitoring required if scale and significance of effects warrants, how & by whom		✓
	(h) alternatives if more than minor effects on customary right	✓	
(7)(1)	Matters that must be addressed by assessment of environmental effects		
	(a) effects on neighbourhood, community		✓
	(b) effects on the locality, landscape, visual		✓
	(c) effects on ecosystems		✓
	(d) effects on aesthetic, recreational, scientific, historical, spiritual, or cultural values		✓
	(e) discharge of contaminants		✓
	(f) risk through natural hazards, hazardous substances, hazardous installations		✓



To: Marlborough District Council
PO Box 443
Blenheim 7240



**MARLBOROUGH
DISTRICT COUNCIL**

ISO 9001:2008
Document Number:
RAF0010-CI1220

SUBMISSION ON APPLICATION FOR A RESOURCE CONSENT

1. Submitter Details

Name of Submitter(s) in full			
Address for Service <i>(include post code)</i>			
Email			
Telephone <i>(day)</i>	Mobile	Facsimile	
Contact Person <i>(name and designation, if applicable)</i>			

2. Application Details

Application Number	U
Name of Applicant <i>(state full name)</i>	
Application Site Address	
Description of Proposal	

3. Submission Details *(please tick one)*

I/we support all or part of the application	<input type="checkbox"/>
I/we oppose all or part of the application	<input type="checkbox"/>
I/we are neutral to all or part of the application	<input type="checkbox"/>

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. 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

Signature _____ Date _____

Signature _____ Date _____

6. Important Information

- Council must receive this completed submission before the closing date and time for submission for this application. The completed submission may be emailed to mdc@marlborough.govt.nz
- You must also send a copy of this submission to the applicant as soon as reasonably practicable, at the applicant's address for service.
- Only those submitters who indicate that they wish to speak at the hearing will be sent a copy of the hearing report.

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.