



**MARLBOROUGH
DISTRICT COUNCIL**

RESOURCE CONSENT APPLICATION

U190670

Constellation Brands New Zealand Limited

Tyntesfield Road/ Waihopai Valley Road,
Waihopai Valley

Submissions Close

5.00 pm Friday 8 November 2019

Bea Gregory-5252

From: Paul Williams <paul@rmco.co.nz>
Sent: Tuesday, 27 August 2019 10:33 AM
To: RCInbox
Cc: 'Nelson Heywood'
Subject: Constellation new water permit #2
Attachments: app fm.pdf; CBNZ-Tyntesfield CBNZ!Blick-re.pdf; supp info fm.pdf; CBNZ-Tyntesfield Blick Water Permit #2 receipt 20190827nh.pdf

Hi

Please find another water permit application this time to replace U100658. The deposit fee has been paid, receipt is attached.

Regards

Paul Williams



RMco Ltd ▪ PO Box 820, Blenheim 7240 ▪ T:03 577 9239 ▪ C: 0274 577 009 ▪ E: paul@rmco.co.nz

This e-mail message has been scanned by **SEG Cloud**

Application for Resource Consent or Fast Track Resource Consent

This application is made under Section 88 or 87AAC of the Resource Management Act 1991

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.



**MARLBOROUGH
DISTRICT COUNCIL**

For Office Use

ISO 9001
Document Number:
RAF0002-C11913

Lodgement Fee Paid \$

Receipt No.

Consent No.

Case Officer:

Date Received:

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

Name:
(full legal name)

Constellation Brands New Zealand Ltd

Company/Trust Number:
(if applicable)

Electronic Address for Service: nelson.heywood@cbrands.com

Mailing Address:
(including post code)

Constellation Brands NZ Ltd
PO Box 260
Blenheim 7240

Phone: (Daytime)

Phone: (Mobile) 027 201 9561

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

Electronic Address for Service: paul@rmco.co.nz

Mailing Address:
(including post code)

RMco Ltd
PO Box 820
Blenheim 7240

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
- ☐ Fast Track Application
- ☐ I opt out of the fast track consent process
- ☐ I do not opt out of the fast track consent process

4. Description of the Activity

The activity to which the application relates is as follows:

To continue to take up to 639m³/day of Class A Waihopai River surface water via an existing gallery for the irrigation of 41.34ha of grapes.

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. Site Details

The site to which the proposed activity is to occur is as follows:

Location (address): corner of Tyntesfield Road and Waihopai Valley Road.

Legal description (i.e. Lot 1 DP 1234): Lot 4 DP10370, Lots 1 & 2 DP329926, Lot 1 DP10128 and Lot 1 DP315964

(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).

Owners/Occupiers of the Site

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

Affected Persons

Please attach the written approval of affected persons/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. Part 2 of the Resource Management Act 1991

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

9. Section 104 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.

10. Other Information

Are there other activities which are part of the proposal to which the activity relates, for example permitted activities, or building consents, etc?

Permitted activities:

Not applicable

Non Resource Management Act 1991 activities relating to this application:

Not applicable

Additional consents that need to be applied for, or have been applied for:

Not applicable

Section 124 or 165ZH(1)(c)

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 the existing consent to the consent holder. (*This assessment should include more than stating a monetary value.*)

\$7 million

11. 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)

12. Declaration

I (please print name) Paul Williams

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

Signature of applicant or authorised agent:



Date:

Notes to Applicant

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).

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.

Environmental Protection Authority

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).

Fast Track Applications (relates to a land use consent for a controlled activity)

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, unless the applicant 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.

Reset Form

Constellation Brands New Zealand Ltd

Resource Consent Application for a Water Permit

August 2019

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1 Executive Summary

Constellation Brands New Zealand Limited (CBNZ) manage a 41.34ha vineyard located at the corner of Tyntesfield Road and Waihopai Valley Road. Part of the vineyard is leased by CBNZ from Brian and Sheryl Blick and part is owned by CBNZ.

Existing water permit U100658 provides for the take of up 639 cubic metres per day of Class A Waihopai River water via an existing infiltration trench for the irrigation requirements of the 41.34ha vineyard. U100658 is due to expire on 1 February 2020. This application is for the replacement of that water permit and continuation of taking and use of water for the same purpose. No more water is proposed to be taken.

It is also proposed to formalise the existing modest volumes of water taken and used, including in the non-irrigation season, that provide for ancillary purposes such as making up agrichemical sprays, wash-down water and irrigation line flushing.

The proposed take for irrigation is not sufficient for the full irrigation requirements for the vineyard. The balance is provided by water from the Omaka River under water permit U090550. While ideally it would be best to include all water relevant to the land that is the subject of this application in one new water permit, due to the differing ownership structures of the two areas of land, it is proposed to continue to keep the two water permits separate. A concurrent water permit is also lodged to replace U090550.

The maximum combined rate of take and use for irrigation for the two water permits is less than the regime recommended by the irrigation model *Irricalc* as endorsed by the Marlborough Environment Plan.

There have been no significant adverse effects on others in the area as a result of the applicant taking water.

The proposal is in accord with the objectives and policies of the Wairau/ Awatere Resource Management Plan (WARMP) and the Marlborough Environment Plan (MEP).

The adverse effects of this proposal will be minor 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 vineyard is located at the corner of Tyntesfield Road and Waihopai Valley Road. The legal description of the vineyard land is Lot 4 DP10370, Lots 1 & 2 DP329926, Lot 1 DP10128 and Lot 1 DP315964.

The existing infiltration gallery (P28w/4753) is located on land owned by Mount Base Vineyards Ltd (Lot1 DP380767) adjacent to the Waihopai River.

The general location is shown on the plan in Appendix 1.

Aerial photographs in Appendix 2 show the boundaries of the property to be irrigated and the location of the gallery.

3 Site Description

The vineyard is located on a flat secondary terrace of the Omaka River. The land that is planted in grapes and to be irrigated is 41.34ha in area.

For the purposes of s104(2A) of the Resource Management Act, the value of the investment of the vineyard which relies on the water, is estimated to be in the order of \$7 million.

Water is extracted from an existing infiltration trench located on land adjacent to the Waihopai River. The infiltration trench extends into an overflow braid of the River and is approximately 90m long. It feeds into well P28w/4753 which has a 300mm diameter bore and is 9.68m deep.

The water meter number is #2317 and is located at the southwest corner of Tyntesfield and Wahopai Valley Roads on Lot 4 DP10370. A data logger and telemetry is installed.

4 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.

To the applicants knowledge there are no specific sites of cultural, spiritual, historical or traditional significance at or near the specific site of this proposal.

5 Proposal Detail

This application is for a water permit to replace the applicant's current water permit U100658 on expiry.

5.1 Take of Water - Class A

It is proposed to continue to take up to 639m³/day of Class A Waihopai River surface water via the existing gallery.

Note that the proposed take for irrigation is not sufficient for the full irrigation requirements for the vineyard. The balance is provided by water from the Omaka River under water permit U090550. While ideally it would be best to include all water relevant to the land that is the subject of this application in one new water permit, due to the differing ownership structures, it is proposed to continue to keep the two water permits separate.

A concurrent water permit is also lodged to replace U090550.

5.2 Use of Water - Irrigation

It is proposed to use the abstracted Class A water for the irrigation of 41.34ha of grapes on Lot 4 DP10370, Lots 1 & 2 DP329926, Lot 1 DP10128 and Lot 1 DP315964 by means of dripper irrigation.

The maximum proposed combined use for irrigation for this water permit to replace U100658 and also the proposed water permit under a separate application to replace U090550 is less than the regime recommended by the irrigation model *Irricalc* as endorsed by the Marlborough Environment Plan and as set out below in Section 7.2 of this application document. Supporting analysis under *Irricalc* is found in Appendix 3.

5.3 Use of Water – Ancillary Purposes

Use of up to 400m³/day and 2000m³/year of water is proposed, including in the non-irrigation season, to formalise existing water used for ancillary purposes such as making up agrichemical sprays, wash-down water and irrigation line flushing. The yearly volume is in accordance with industry standards of 100m³/ha/yr and the maximum daily volume provides for a full day flushing if required.

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

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

Water Take

General Rule 27.1.2.4 provides for any abstractions greater than 500 m³/day/site from this river as a Non-Complying Activity.

Water Use

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, fire fighting 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 water for irrigation is therefore a Discretionary Activity under this Plan.

6.3 Marlborough Environment Plan

The land is in the *Rural Environment* zone in the Marlborough Environment Plan (MEP).

This abstraction point is mapped as being within the Waihopai Freshwater Management Unit (FMU).

Water Take

Rule 2.5.2 provides for a water take such as proposed as a Discretionary Activity.

Water Use

Rule 2.5.3 provides for a water use such as proposed as a Discretionary Activity.

7 Assessment

An overview analysis of the requirements of Schedule 4 of the Act is found in Appendix 6.

7.1 Actual & Potential Effects

Effects on Neighbourhood, Community

The existing gallery services a number of properties. The gallery needs some maintenance to maintain sufficient flow for all parties. However no more water is proposed to be taken by the applicant than is currently authorised by the existing water permit.

The nearest downstream irrigation intake is approximately 65m downstream (water permit U141004). There are no known adverse effects on this water user as a result of the abstraction of water by the applicant.

Effects on the Locality, Landscape, Visual

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

There will be no adverse effects of this ongoing water take and use on the locality, landscape or visual qualities of the area.

Effects on Ecosystems

The proposed abstraction is currently allocated under the existing water permit and is therefore within the allocation set for the Waihopai River in Appendix 6 of the Marlborough Environment Plan.

In essence, in setting water allocation limits, the Plan processes have determined that the adverse effects of abstraction within those limits will have acceptable effects on the water resource in terms of life supporting capacity, integrity of habitat, recreation and amenity values of the River.

To the writers knowledge there have been no detrimental effects of the abstractions under the existing water permit on the Waihopai River water resource over and above those anticipated by the Plans in allocating the water within the class limits.

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.

While Rangitane o Wairau, Ngati Rarua and Ngati Toa have noted cultural, spiritual, historical and traditional associations with the area, to the applicant's knowledge there are no specific sites of cultural, spiritual, historical or traditional significance at or near the specific site of this proposal.

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

No hazardous substances are involved with this proposal.

7.2 Efficiency of Resource Use

Section 7(b) of the Act requires particular regard to be had to the efficient use and development of natural and physical resources.

As stated previously water to irrigate this land is sourced from both the Waihopai and the Omaka Rivers under two separate water permits. Below is set out the equivalent proposed daily water takes for each water permit to replace U090550 and U100658 as assessed under the irrigation requirements modelling programme *Irricalc*. This is then compared to the assessed irrigation requirements for the full 41.34ha vineyard. As can be seen the combined proposed water takes for the two new water permits will be less both on a month by month basis and also a yearly total basis than the *Irricalc* assessment.

Irrigation Maximums Under Irricalc

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Yearly max
U100658 Equivalent of 639m ³ /day	0	0	0	2,034	9,006	15,978	18,011	14,816	9,006	2,014	0	0	58,797
U090550 Equivalent of 70m ³ /day	0	0	0	224	992	1,760	1984	1,632	992	288	0	0	6,477
U100658 + U090550	0	0	0	2,258	9,998	17,738	19,995	16,448	9,998	2,902	0	0	65,274
40.34ha Theoretical	0	0	0	2,894	12,815	22,737	25,031	21,083	12,815	3,721	0	0	83,672

7.3 Objectives & Policies

An assessment of relevant objectives and policies in Wairau/ Awatere Resource Management Plan and the Proposed Marlborough Environment Plan is found in Appendix 5.

The proposal is in accord with those objectives and policies.

7.4 National Policy Statement

The National Policy Statement for Freshwater Management 2014 (NPSFM) seeks to stop Councils from over-allocating water resources and institute methods to phase out over-allocation.

The existing and proposed abstractions are within allocation limits.

7.5 National Environment Standard

There are no National Environmental Standards that are relevant to this proposal.

7.6 Regulations

The *Resource Management (Measurement and Reporting of Water Takes) Regulations 2010* requires water meter data to be provided in a form that is suitable for electronic storage.

There is an existing water meter, data-logger and telemetry installed.

7.7 Regional Policy Statement

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

8 Potentially Adversely Affected Persons & Consultation

This application is for a water permit to replace water permit U100658 on expiry. No additional irrigation water or change of use of that water is proposed. The only change is to formalise modest volumes of water to be taken and used, including in the non-irrigation season, to provide for ancillary purposes such as making up agrichemical sprays, wash-down water and irrigation line flushing.

Given that the uses of water in the non-irrigation period are modest and occur at a time when demand on the river is low and river flows are higher, there will be no measurable effect on other water users.

There are no known adverse effects on neighbouring water abstractors.

No consultation therefore is considered to be required or been undertaken.

9 Conclusions

This application is for a water permit to replace an existing water permit.

The proposed maximum rate of take and use for irrigation combined with water that will be provided for under a new water permit to replace U090550, is less than the reasonable use test under the *Irricalc* model for a 41.34ha vineyard.

The adverse effects of continue take and use of the water are less the minor.

There are no known adverse effects on neighbouring water abstractors.

The proposal is in accord with the relevant objectives and policies of statutory resource management plans.

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.

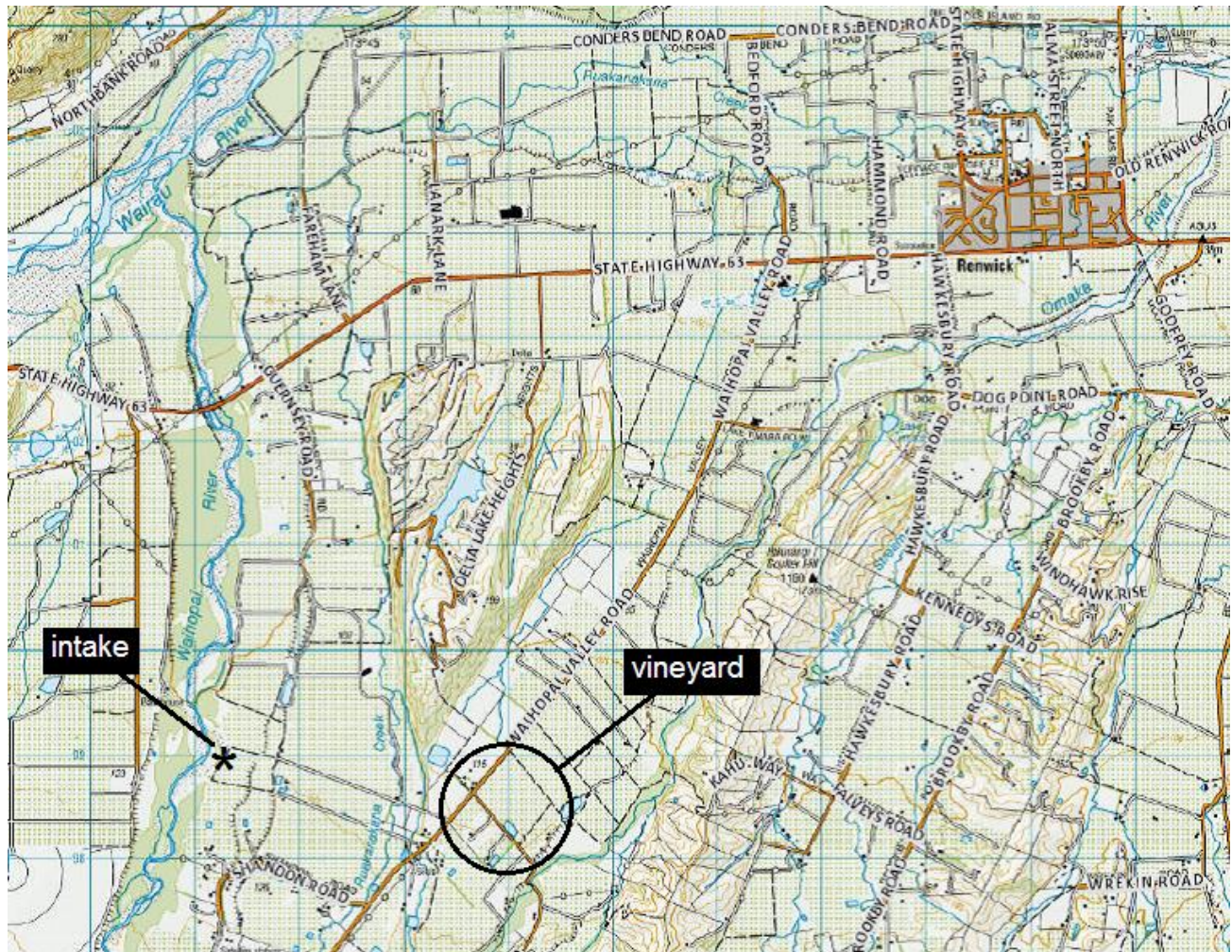
Given the above, the applicant respectfully requests that consent be granted.

Paul Williams

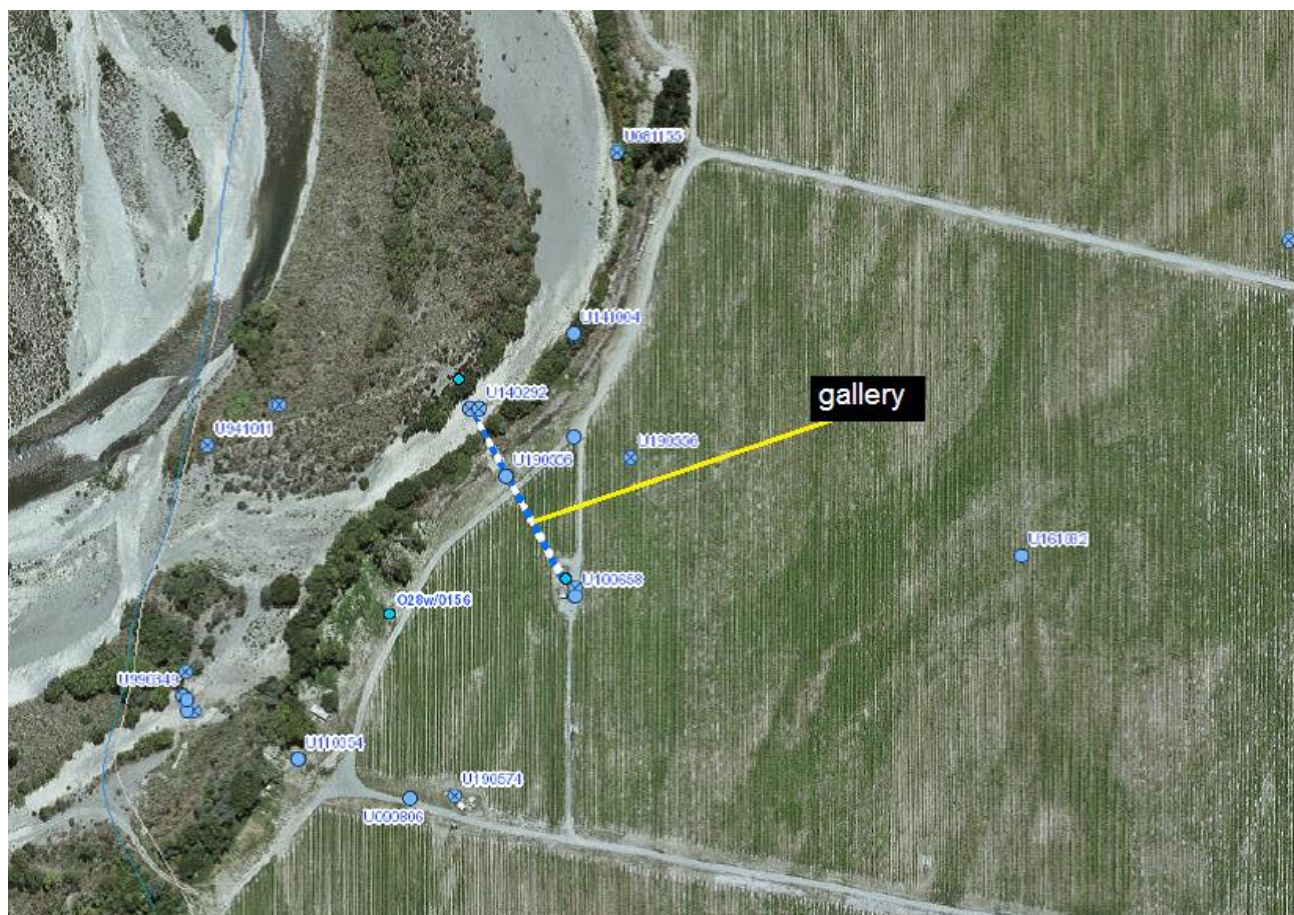
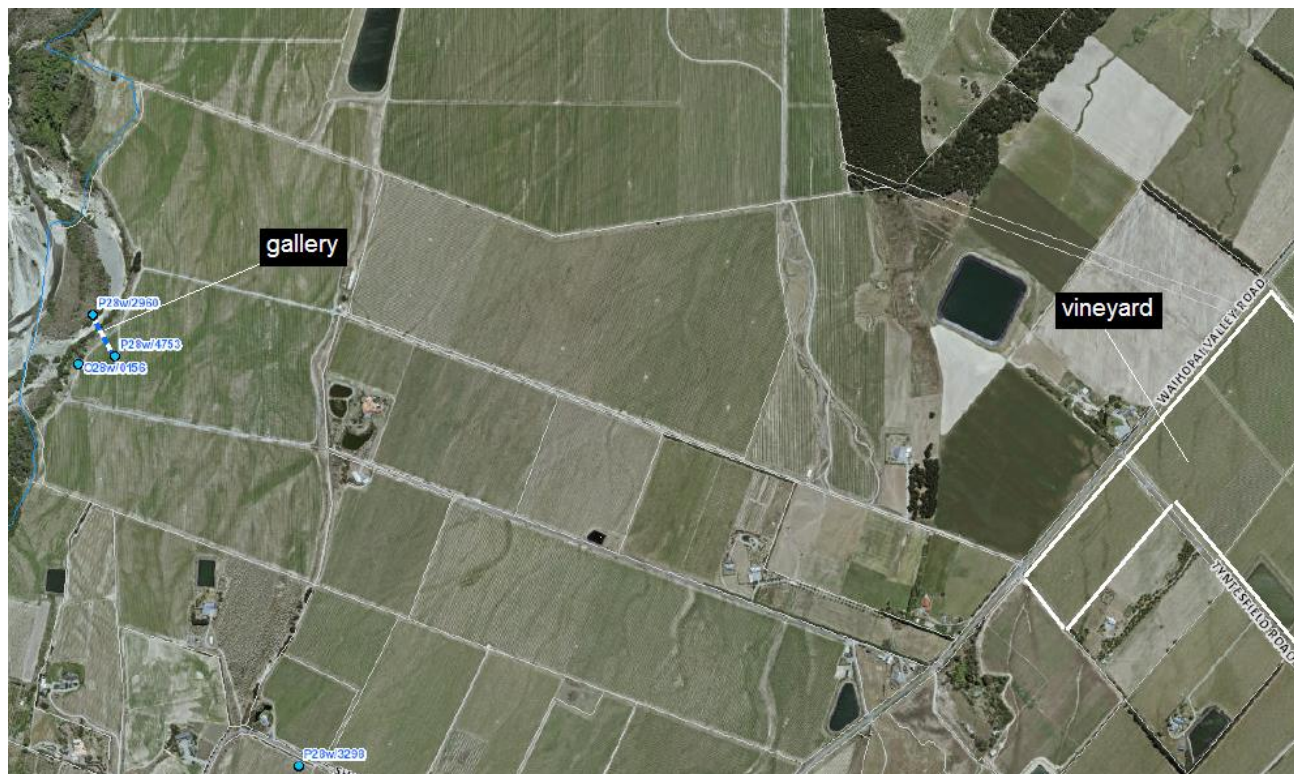
Resource Management Consultant

August 2019

Appendix 1 – General Location



Appendix 2 – Aerial Photographs





Appendix 3 – Reasonable Water Use Requirements

Note that the area of vineyard to be irrigated is 41.34ha. The Class A Waihopai water applied for in this application will only provide part of this. Using the *Irricalc* model, the 639m³/day applied for equates to the irrigation required for 29.05ha of grapes. The balance of water requirements will be provided by water from the Waihopai River in a concurrent replacement water permit for U090550. The *Irricalc* modelling for the replacement consent for U090550 and for the combined water from the Omaka and the Waihopai (i.e the requirements for the full vineyard area of 41.34ha) are found on the next pages.

Reasonable Water Use – U100658 Replacement Consent – 639m³/day – Waihopai River Water

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





1

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

Locate



2

Select Crop

3

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

4

Select Irrigation Method

5

Fetch Data

Farm Details		Plant Available Water Details		Irrigation Requirements			
Description	<input style="width: 100%;" type="text"/>	PAW(mm)	Indicative Likelihood	Area (hectares)		Per Hectare	Total Area
Latitude	<input style="width: 100%;" type="text" value="-41.562"/>	<input style="width: 100%;" type="text" value="70"/>	<input style="width: 100%;" type="text" value="41.2"/>	<input style="width: 100%;" type="text" value="29.05"/>	System Capacity	<input style="width: 100%;" type="text" value="0.26"/> (l/s/ha)	<input style="width: 100%;" type="text" value="7.55"/> (l/s)
Longitude	<input style="width: 100%;" type="text" value="173.768"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text" value="0"/>	System Capacity	<input style="width: 100%;" type="text" value="2.2"/> (mm/day)	
Council	<input style="width: 100%;" type="text" value="Marlborough"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text" value="0"/>	Daily Volume	<input style="width: 100%;" type="text" value="22"/> (m ³ /ha)	<input style="width: 100%;" type="text" value="639"/> (m ³)
Climate Site ID	<input style="width: 100%;" type="text" value="P156121"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text" value="0"/>	7 Day Volume	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/> (m ³)
Distance to Climate Site (km)	<input style="width: 100%;" type="text" value="1.56"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text" value="0"/>	28 Day Volume	<input style="width: 100%;" type="text"/>	<input style="width: 100%;" type="text"/> (m ³)
Rainfall (mm)	<input style="width: 100%;" type="text" value="711"/>	Total area =		<input style="width: 100%;" type="text" value="29.05"/>	90% ile Annual Volume	<input style="width: 100%;" type="text" value="2,024"/> (m ³ /ha)	<input style="width: 100%;" type="text" value="58,797"/> (m ³)

90 Percentile Monthly Volume

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
Per Hectare (m ³ /h)	<input style="width: 100%;" type="text" value="0"/>	<input style="width: 100%;" type="text" value="0"/>	<input style="width: 100%;" type="text" value="0"/>	<input style="width: 100%;" type="text" value="70"/>	<input style="width: 100%;" type="text" value="310"/>	<input style="width: 100%;" type="text" value="550"/>	<input style="width: 100%;" type="text" value="620"/>	<input style="width: 100%;" type="text" value="510"/>	<input style="width: 100%;" type="text" value="310"/>	<input style="width: 100%;" type="text" value="90"/>	<input style="width: 100%;" type="text" value="0"/>	<input style="width: 100%;" type="text" value="0"/>
Total Area (m ³)	<input style="width: 100%;" type="text" value="0"/>	<input style="width: 100%;" type="text" value="0"/>	<input style="width: 100%;" type="text" value="0"/>	<input style="width: 100%;" type="text" value="2,034"/>	<input style="width: 100%;" type="text" value="9,006"/>	<input style="width: 100%;" type="text" value="15,978"/>	<input style="width: 100%;" type="text" value="18,011"/>	<input style="width: 100%;" type="text" value="14,816"/>	<input style="width: 100%;" type="text" value="9,006"/>	<input style="width: 100%;" type="text" value="2,614"/>	<input style="width: 100%;" type="text" value="0"/>	<input style="width: 100%;" type="text" value="0"/>

Reasonable Water Use – U090550 Replacement Consent – 70m³/day – Omaka River Water

IRRIGATION REASONABLE USE DATABASE

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



Sustainable Farming Fund



Manatū Ahu Matua





1

Enter the address or coordinates (latitude, longitude) of your farm and click "Locate" or click on the map

Locate



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

Farm Details		Plant Available Water Details		Irrigation Requirements			
Description	<input style="width: 90%;" type="text"/>	PAW(mm)	Indicative Likelihood	Area (hectares)		Per Hectare	Total Area
Latitude	<input style="width: 90%;" type="text" value="-41.564"/>	<input style="width: 90%;" type="text" value="70"/>	<input style="width: 90%;" type="text" value="41.2"/>	<input style="width: 90%;" type="text" value="3.2"/>	System Capacity	<input style="width: 90%;" type="text" value="0.26"/> (l/s/ha)	<input style="width: 90%;" type="text" value="0.83"/> (l/s)
Longitude	<input style="width: 90%;" type="text" value="173.771"/>	<input style="width: 90%;" type="text"/>	<input style="width: 90%;" type="text"/>	<input style="width: 90%;" type="text" value="0"/>	System Capacity	<input style="width: 90%;" type="text" value="2.2"/> (mm/day)	
Council	<input style="width: 90%;" type="text" value="Marlborough"/>	<input style="width: 90%;" type="text"/>	<input style="width: 90%;" type="text"/>	<input style="width: 90%;" type="text" value="0"/>	Daily Volume	<input style="width: 90%;" type="text" value="22"/> (m³/ha)	<input style="width: 90%;" type="text" value="70"/> (m³)
Climate Site ID	<input style="width: 90%;" type="text" value="P156121"/>	<input style="width: 90%;" type="text"/>	<input style="width: 90%;" type="text"/>	<input style="width: 90%;" type="text" value="0"/>	7 Day Volume	<input style="width: 90%;" type="text"/> (m³/ha)	<input style="width: 90%;" type="text"/> (m³)
Distance to Climate Site (km)	<input style="width: 90%;" type="text" value="1.27"/>	<input style="width: 90%;" type="text"/>	<input style="width: 90%;" type="text"/>	<input style="width: 90%;" type="text" value="0"/>	28 Day Volume	<input style="width: 90%;" type="text"/> (m³/ha)	<input style="width: 90%;" type="text"/> (m³)
Rainfall (mm)	<input style="width: 90%;" type="text" value="711"/>	Total area =		<input style="width: 90%;" type="text" value="3.2"/>	90% ile Annual Volume	<input style="width: 90%;" type="text" value="2,024"/> (m³/ha)	<input style="width: 90%;" type="text" value="6,477"/> (m³)

90 Percentile Monthly Volume

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
Per Hectare (m³/ha)	<input style="width: 90%;" type="text" value="0"/>	<input style="width: 90%;" type="text" value="0"/>	<input style="width: 90%;" type="text" value="0"/>	<input style="width: 90%;" type="text" value="70"/>	<input style="width: 90%;" type="text" value="310"/>	<input style="width: 90%;" type="text" value="550"/>	<input style="width: 90%;" type="text" value="620"/>	<input style="width: 90%;" type="text" value="510"/>	<input style="width: 90%;" type="text" value="310"/>	<input style="width: 90%;" type="text" value="90"/>	<input style="width: 90%;" type="text" value="0"/>	<input style="width: 90%;" type="text" value="0"/>
Total Area (m³)	<input style="width: 90%;" type="text" value="0"/>	<input style="width: 90%;" type="text" value="0"/>	<input style="width: 90%;" type="text" value="0"/>	<input style="width: 90%;" type="text" value="224"/>	<input style="width: 90%;" type="text" value="992"/>	<input style="width: 90%;" type="text" value="1,760"/>	<input style="width: 90%;" type="text" value="1,984"/>	<input style="width: 90%;" type="text" value="1,632"/>	<input style="width: 90%;" type="text" value="992"/>	<input style="width: 90%;" type="text" value="288"/>	<input style="width: 90%;" type="text" value="0"/>	<input style="width: 90%;" type="text" value="0"/>

Reasonable Water Use –41.34ha vineyard

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







1

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

Locate



Report a map error

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

Farm Details		Plant Available Water Details		Irrigation Requirements			
Description		PAW(mm)	Indicative Likelihood	Area (hectares)		Per Hectare	Total Area
Latitude	<input type="text" value="-41.562"/>	<input type="text" value="70"/>	<input type="text" value="41.2"/>	<input type="text" value="41.34"/>	System Capacity	<input type="text" value="0.26"/> (l/s/ha)	<input type="text" value="10.75"/> (l/s)
Longitude	<input type="text" value="173.768"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="0"/>	System Capacity	<input type="text" value="2.2"/> (mm/day)	
Council	<input type="text" value="Marlborough"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="0"/>	Daily Volume	<input type="text" value="22"/> (m³/ha)	<input type="text" value="909"/> (m³)
Climate Site ID	<input type="text" value="P156121"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="0"/>	7 Day Volume	<input type="text"/>	<input type="text"/> (m³)
Distance to Climate Site (km)	<input type="text" value="1.56"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="0"/>	28 Day Volume	<input type="text"/>	<input type="text"/> (m³)
Rainfall (mm)	<input type="text" value="711"/>		Total area =	<input type="text" value="41.34"/>	90% ile Annual Volume	<input type="text" value="2,024"/> (m³/ha)	<input type="text" value="83,672"/> (m³)

90 Percentile Monthly Volume

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
Per Hectare (m³/h)	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="70"/>	<input type="text" value="310"/>	<input type="text" value="550"/>	<input type="text" value="620"/>	<input type="text" value="510"/>	<input type="text" value="310"/>	<input type="text" value="90"/>	<input type="text" value="0"/>	<input type="text" value="0"/>
Total Area (m³)	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="2,894"/>	<input type="text" value="12,815"/>	<input type="text" value="22,737"/>	<input type="text" value="25,631"/>	<input type="text" value="21,083"/>	<input type="text" value="12,815"/>	<input type="text" value="3,721"/>	<input type="text" value="0"/>	<input type="text" value="0"/>

Appendix 4 – Water Permit Form

Appendix 5 – Analysis of Objectives & Policies

Wairau/ Awatere Resource Management Plan

Chapter 6 - Freshwater	Objective/ Policy	Comment
6.2.1, Objective 1	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).	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.
6.4.1, Policy 1.2	To allocate water on the basis of guidelines.	The maximum guidelines set in the Plan for the irrigation of grapes is 22m ³ /ha/day. The maximum water sought in this application is 15.46m ³ /ha/day. Combined with the replacement consent for U090550 of 1.69m ³ /ha/day the total applied for is 17.15m ³ /ha/day which is well within the guidelines.

Proposed Marlborough Environment Plan

Chapter 4 – Use of Natural Resources	Objective/ Policy	Comment
Policy 4.1.2	Enable sustainable use of natural resources in the Marlborough environment. The commentary to this policy states that: <i>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.</i>	This application is for continued abstraction of water for the irrigation of an existing vineyard. The adverse effects of this continued use are no more than minor.
Chapter 5 - Allocation of Public Resources	Objective/ Policy	Comment
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.	The water is already part of the allocation from the Waihopai River.
Policy 5.3.7	Allocate water to irrigation users on the basis of a nine in ten year water demand for the crop/pasture.	The reasonable use requirements as evaluated using the modelling programme <i>Irricalc</i> are set out in Appendix 3.
Policy 5.7.2	To allocate water on the basis of reasonable demand given the intended use.	
Policy 5.3.8	Approve water permit applications to continue taking and using surface water when:	

	<p>(a) a specific minimum flow and allocation limit for the source Freshwater Management Unit is established in the Marlborough Environment Plan;</p> <p>(a) the Freshwater Management Unit is not over-allocated in terms of the limits set in the Marlborough Environment Plan;</p> <p>(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</p> <p>(c) the application is made at least three months prior to the expiry of the existing water permit.</p>	<p>The allocation limits for the Waihopai River are established in Appendix 6 of the Plan.</p> <p>It is understood that this water resource is not over-allocated.</p> <p>There is no change in the intended use of water.</p> <p>This application is made 5.5months before expiry.</p>
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Appendix 6 - Analysis of Requirements of Schedule 4 of the Act

Clause	Matter	Not relevant or 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		✓
(3)	Additional information required in some applications		
	(a) demonstration of compliance of permitted activity parts of proposal	✓	
	(b) assessment of the value of the investment of the existing consent holder		✓

	(b) assessment against Marine and Coastal Area (Takutai Moana) Act 2011	✓	
(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		✓

**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. Do you currently hold a water permit that is due to expire? ☒ Yes ☐ No
If yes, please state the water permit number U100658
If yes, is there an existing meter number? 2317
If yes, when was the meter last verified? don't know
2. Source of water (name of river, stream aquifer, etc) Waihopai River
3. Freshwater Management Unit (FMU) Waihopai River
4. Which class of water? A
(A, B etc for surface water takes)
5. Maximum quantity of take litres per second (for surface water only)
639 Cubic metres per day (for surface water only)
..... cubic metres per year (for groundwater only)

GROUNDWATER:

1. Well number (if existing well)
2. Depth from ground level to bottom of well metres
3. Well Co-ordinates (NZTM) Easting
..... Northing

SURFACE WATER:

1. Abstraction method
e.g. intake gallery, suction hose, diversion channel, etc.)
2. Intake Co-ordinates (NZTM) 1661249 Easting
5398911 Northing



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

USE WATER

GENERAL:

1. Purpose for which water is required, including area to be irrigated if applicable?
(Industrial, crop irrigation, etc)
irigate 41.34ha vineyard
2. Legal description for the site where water is to be used?
Lot 4 DP10370, Lots 1 & 2 DP329926, Lot 1 DP10128 and Lot 1 DP315964

CONSUMPTION SCHEDULE

Note: If the application contains an irrigation component this table should be completed using the figures available for irrigation through Irricalc: <http://mycatchment.info/>, notwithstanding the allocation under any previous consent. Please fill out the table below and attach a copy of the Irricalc figures used.

3. Maximum monthly rate (cubic metres per month) – combination of crop types where applicable:

January	February	March	April	May	June
18,011	14,816	9,006	2,614	400	400

July	August	September	October	November	December
400	400	400	2,034	9,006	15,978

4. Maximum cumulative annual usage? 58,797

Emma Hunter

From: Victoria Bell-5174
Sent: Tuesday, 3 September 2019 4:17 PM
To: 'Paul Williams'
Subject: RE: Constellation - U190669 & U190670
Attachments: 4.1ha irrigation use U190669.pdf; irrigation use 37.23ha U190670.pdf

Hi Paul,

Given all the Omaka water passes through the dam, how are we to know where the water is being used, which is going to the property as a whole and which to only the 4.11ha portion? Also how are we to know that the Waihopai water is not being used for this 4.11ha area too. I think we need details around the actual pipework/infrastructure onsite and where metering could be placed to monitor the use of the water.

Still the best case scenario is to amalgamate all the consents into one, save on extensive metering requirements.

Kind regards,

Victoria

Victoria Bell BPlan (Hons) Int.NZPI
Resource Management Officer



**MARLBOROUGH
DISTRICT COUNCIL**



Only Marlborough

Phone: 03 520 7400
DDI: 03 520 7497

15 Seymour Street, PO Box 443
Blenheim 7240, New Zealand
victoria.bell@marlborough.govt.nz
www.marlborough.govt.nz

 Please consider the environment before printing this email

From: Paul Williams [<mailto:paul@rmco.co.nz>]
Sent: Tuesday, 3 September 2019 3:51 PM
To: Victoria Bell-5174
Subject: Constellation - U190669 & U190670

Hi Victoria

Further to our meeting today:

The total irrigable area under these two water permit applications is 41.34ha

U190669

The use of Class A Omaka water is on 4.11ha of vineyard on Lot 2 DP315964 as shown in the attached aerial photograph.

Both Class A and Class B Omaka water is all pumped directly to the dam. Water is then pumped from the dam to the vineyard.

U190670

The use of Class A Waihopai water is on 37.23ha of vineyard Lot 4 DP10370, Lots 1 & 2 DP329926, Lot 1 DP10128 and Lot 1 DP315964 as shown in the attached aerial photograph.

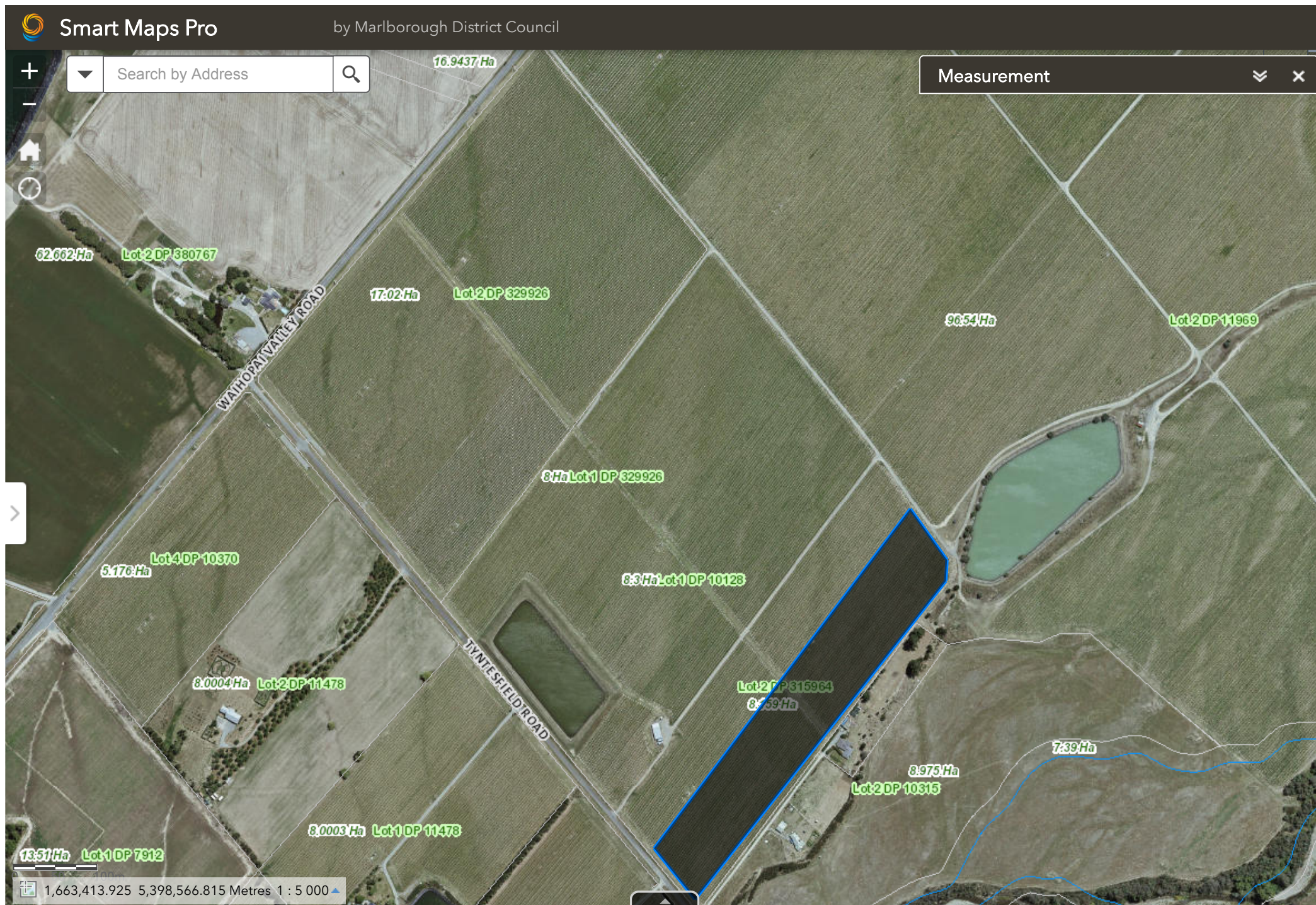
Regards

Paul Williams



RMco Ltd ▪ PO Box 820, Blenheim 7240 ▪ T:03 577 9239 ▪ C: 0274 577 009 ▪ E: paul@rmco.co.nz

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Emma Hunter

From: Paul Williams <paul@rmco.co.nz>
Sent: Wednesday, 4 September 2019 10:58 AM
To: Victoria Bell-5174
Subject: RE: Constellation - U190669 & U190670

Hi Victoria

I requested a schematic plan of the infrastructure from the applicant and get that to you when it arrives.

Regards

Paul Williams



RMco Ltd ▪ PO Box 820, Blenheim 7240 ▪ T:03 577 9239 ▪ C: 0274 577 009 ▪ E: paul@rmco.co.nz

From: Victoria Bell-5174 [mailto:Victoria.Bell@marlborough.govt.nz]

Sent: Wednesday, 4 September 2019 9:32 a.m.

To: 'Paul Williams'

Subject: RE: Constellation - U190669 & U190670

Hi Paul,

Metering is required to adequately monitor both the take and use. If there is a main line from the dam through the site that can be easily metered this may be able to resolve the issue. Is there an infrastructure/pipework plan for the site?

Kind regards,

Victoria

Victoria Bell BPlan (Hons) Int.NZPI
Resource Management Officer



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Please consider the environment before printing this email

From: Paul Williams [mailto:paul@rmco.co.nz]

Sent: Tuesday, 3 September 2019 6:42 PM

To: Victoria Bell-5174

Subject: RE: Constellation - U190669 & U190670

Hi Victoria

I thought that we had sorted this out this morning? You now have a nominal land area for the use for Omaka water and also one for the Waihopai water to keep your paper work tidy. In a practical sense however it is not possible to have one specific part of the vineyard irrigated by one water source and the other irrigated by another as it is a complete irrigation system. So of course the Waihopai water is used for the 4.1ha portion as well, just as the current water permit also allows for. You have a maximum area for irrigation and a total water take between the two water permits that is less than what irricalc recommends. There is only one crop – grapes. The current water meters measure Class A & B Omaka water and Class A Waihopai water. When the Class B Omaka is not available then the water through the meter automatically becomes Class A. I don't understand the need for extensive metering requirements. Nothing changes from the existing water permits. I am really struggling from a resource management point of view with what the issue is here? What is your compliance concern?

Regards

Paul Williams



RMco Ltd ▪ PO Box 820, Blenheim 7240 ▪ T:03 577 9239 ▪ C: 0274 577 009 ▪ E: paul@rmco.co.nz

From: Victoria Bell-5174 [<mailto:Victoria.Bell@marlborough.govt.nz>]

Sent: Tuesday, 3 September 2019 4:17 p.m.

To: 'Paul Williams' <paul@rmco.co.nz>

Subject: RE: Constellation - U190669 & U190670

Hi Paul,

Given all the Omaka water passes through the dam, how are we to know where the water is being used, which is going to the property as a whole and which to only the 4.11ha portion? Also how are we to know that the Waihopai water is not being used for this 4.11ha area too. I think we need details around the actual pipework/infrastructure onsite and where metering could be placed to monitor the use of the water.

Still the best case scenario is to amalgamate all the consents into one, save on extensive metering requirements.

Kind regards,

Victoria

Victoria Bell BPlan (Hons) Int.NZPI

Resource Management Officer



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From: Paul Williams [<mailto:paul@rmco.co.nz>]

Sent: Tuesday, 3 September 2019 3:51 PM

To: Victoria Bell-5174

Subject: Constellation - U190669 & U190670

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Further to our meeting today:

The total irrigable area under these two water permit applications is 41.34ha

U190669

The use of Class A Omaka water is on 4.11ha of vineyard on Lot 2 DP315964 as shown in the attached aerial photograph.

Both Class A and Class B Omaka water is all pumped directly to the dam. Water is then pumped from the dam to the vineyard.

U190670

The use of Class A Waihopai water is on 37.23ha of vineyard Lot 4 DP10370, Lots 1 & 2 DP329926, Lot 1 DP10128 and Lot 1 DP315964 as shown in the attached aerial photograph.

Regards

Paul Williams



RMco Ltd ▪ PO Box 820, Blenheim 7240 ▪ T:03 577 9239 ▪ C: 0274 577 009 ▪ E: paul@rmco.co.nz

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Emma Hunter

From: Victoria Bell-5174
Sent: Friday, 6 September 2019 11:09 AM
To: 'Paul Williams'
Subject: RE: Constellation - U190669 & U190670
Attachments: Irrigation map Hay block. Water sources and flow plans.docx

Thanks for the updated plan Paul,

Will proceed on this basis. Will send you through a s88 acceptance shortly.

Kind regards,

Victoria

Victoria Bell BPlan (Hons) Int.NZPI
Resource Management Officer



Phone: 03 520 7400
DDI: 03 520 7497

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victoria.bell@marlborough.govt.nz
www.marlborough.govt.nz

Please consider the environment before printing this email

From: Paul Williams [mailto:paul@rmco.co.nz]
Sent: Friday, 6 September 2019 9:47 AM
To: Victoria Bell-5174
Subject: RE: Constellation - U190669 & U190670

Hi Victoria

CBNZ had mistakenly missed the pipe connection from the Waihopai system to blocks v, w, x, y and z. There was also some confusion as to the pieces of land that the various block numbers related to. The legal descriptions that relate to the various blocks are also now included on the schematic diagram.

I am still a bit perplexed with the issue of concern here. With the meters we know how much water is taken from each source and that the total take is less than lirrircalc recommends for the total area of vineyard. Does it really matter that blocks v, w, x, y and z receive water from both sources? I can't see any reason why the consent should not be able to state that the Class A Omaka water irrigates the equivalent of 4.11ha of Lot 1 DP329926, Lot 1 DP10128 and Lot 1 DP315964 and the Waihopai water irrigates the equivalent of 16.29ha of Lot 1 DP329926, Lot 1 DP10128 and Lot 1 DP315964 plus all of Lot 4 DP10370 and Lot 2 DP329926.

I am unable to find anything in the Act or the MEP that would suggest that this cannot occur. You have established takes and established use. There is nothing to suggest that multiple 'uses' of water can't be over partial areas of land and have to be to discrete irrigation systems within parcels of land.

From a monitoring angle, Meter 2137 determines the volume of water from the Waihopai that is used to irrigate the whole vineyard. The cut-off limits for Class A & B Omaka water determine the proportion of each of those as measured through Meter 2171 and therefore the volume of Class A Omaka water used to irrigate the vineyard on Lot 1 DP329926, Lot 1 DP10128 and Lot 1 DP315964. A meter on the outlet of that dam will measure more or less what is going in as measured Meter 2171 (less a bit for evaporation from the dam over time) so wouldn't really be achieving anything as all water goes through the dam and it is a closed system i.e none of the Waihopai water goes into the dam

Perhaps you could help me out a bit more with your thinking behind this and I can think of other solutions.

Regards

Paul Williams



RMco Ltd • PO Box 820, Blenheim 7240 • T: 03 577 9239 • C: 0274 577 009 • E: paul@rmco.co.nz

From: Victoria Bell-5174 [mailto:Victoria.Bell@marlborough.govt.nz]

Sent: Thursday, 5 September 2019 11:57 a.m.

To: 'Paul Williams'

Subject: RE: Constellation - U190669 & U190670

Hi Paul,

Thanks for this. Looking at the diagram, it appears the use of the Waihopai water is limited to Lot 2 DP329926 and that the Omaka Water is only used on Lot 1 DP 329926, Lot 1 DP 10128 and Lot 3 DP 315964. As such that will be an easy spilt. Is this correct?

Kind regards,

Victoria

Victoria Bell BPlan (Hons) Int.NZPI
Resource Management Officer



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www.marlborough.govt.nz

Please consider the environment before printing this email

From: Paul Williams [mailto:paul@rmco.co.nz]

Sent: Thursday, 5 September 2019 10:51 AM

To: Victoria Bell-5174

Subject: RE: Constellation - U190669 & U190670

Hi Victoria

Attached is a schematic diagram of the infrastructure for irrigating these blocks.

The water permit to fill the Blick dam is a separate one to those being applied for. That is U141004. Water from that dam is used in other parts of the Blick properties as well. There is a meter from that dam to the U Block headworks, but it has no number tag. The number provided by the applicant is the serial number of that meter.

Regards

Paul Williams

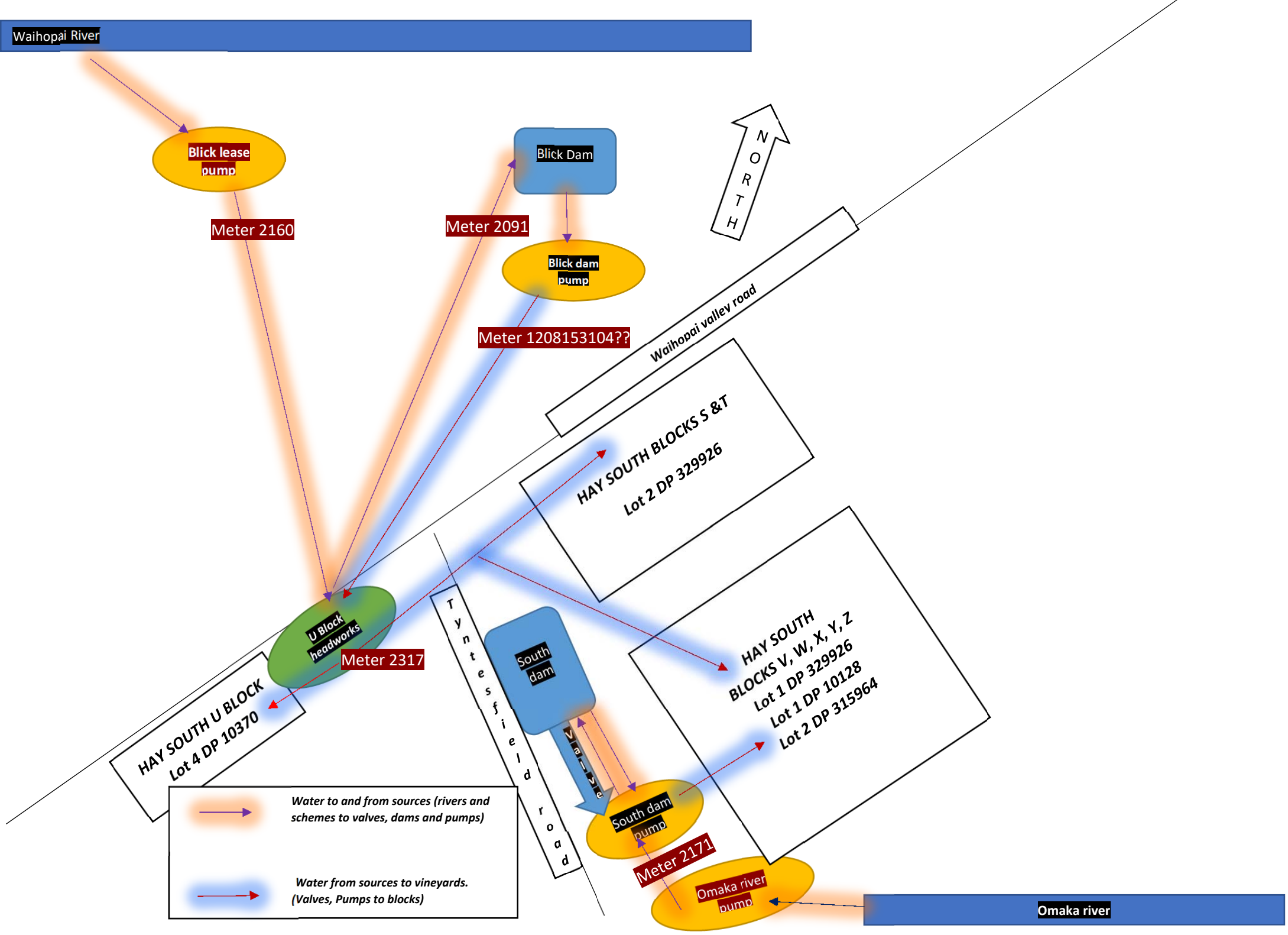


RMco Ltd ▪ PO Box 820, Blenheim 7240 ▪ T:03 577 9239 ▪ C: 0274 577 009 ▪ E: paul@rmco.co.nz

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Emma Hunter

From: Paul Williams <paul@rmco.co.nz>
Sent: Tuesday, 3 September 2019 3:51 PM
To: Victoria Bell-5174
Subject: Constellation - U190669 & U190670
Attachments: 4.1ha irrigation use U190669.pdf; irrigation use 37.23ha U190670.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

Hi Victoria

Further to our meeting today:

The total irrigable area under these two water permit applications is 41.34ha

U190669

The use of Class A Omaka water is on 4.11ha of vineyard on Lot 2 DP315964 as shown in the attached aerial photograph.

Both Class A and Class B Omaka water is all pumped directly to the dam. Water is then pumped from the dam to the vineyard.

U190670

The use of Class A Waihopai water is on 37.23ha of vineyard Lot 4 DP10370, Lots 1 & 2 DP329926, Lot 1 DP10128 and Lot 1 DP315964 as shown in the attached aerial photograph.

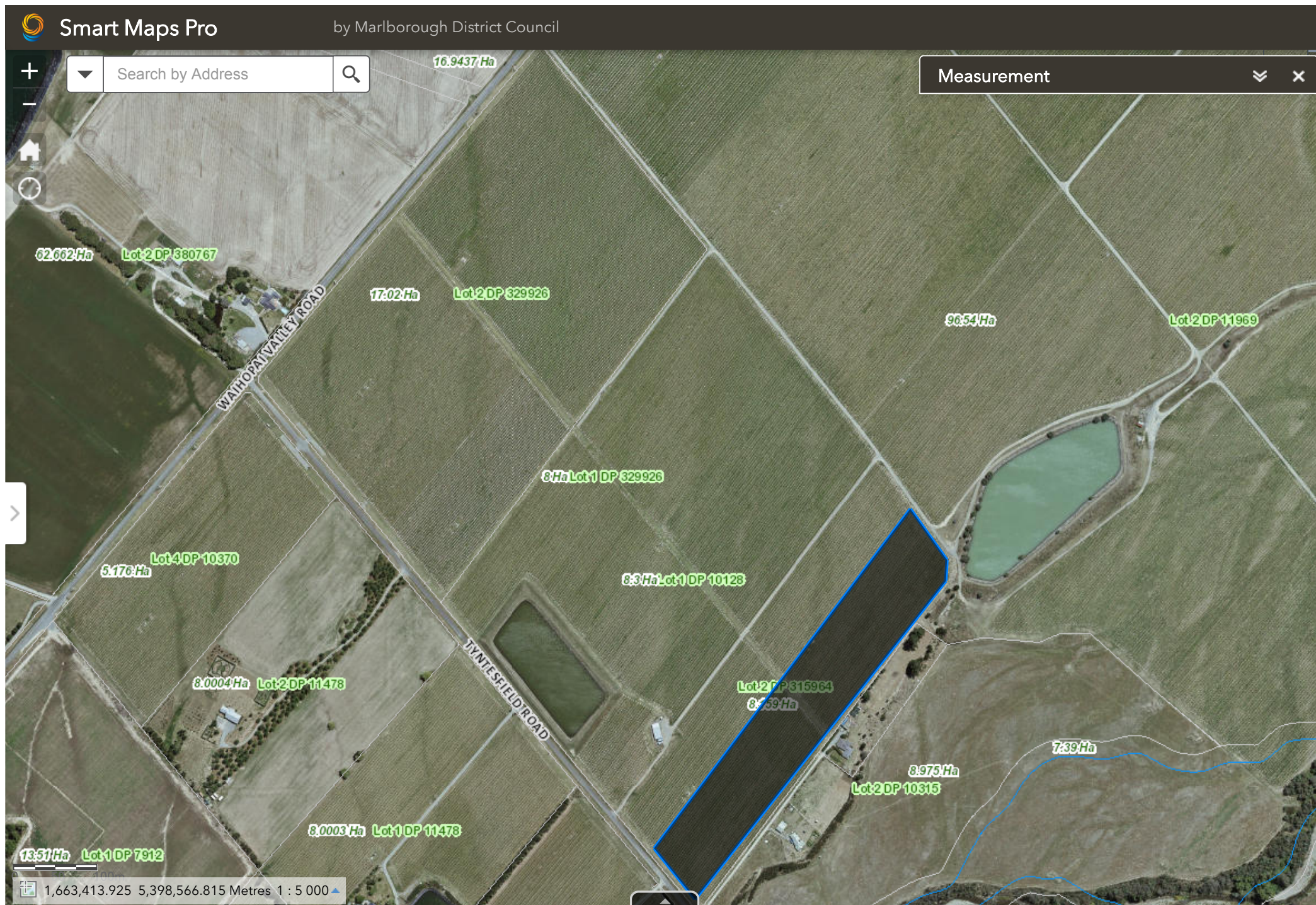
Regards

Paul Williams



RMco Ltd ▪ PO Box 820, Blenheim 7240 ▪ T:03 577 9239 ▪ C: 0274 577 009 ▪ E: paul@rmco.co.nz

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9 September 2019

Record No:
File Ref: U190670
Case Officer: Victoria Bell

Rmco Limited
PO Box 820
Blenheim 7240

Dear Sir/Madam

Request for Further Information - U190670 - Constellation Brands New Zealand Limited - Tyntesfield Road/ Waihopai Valley Road Waihopai Valley

Pursuant to section 92(1) of the Resource Management Act 1991 (the 'Act'), the following information is requested so that I can better understand the nature of the activity proposed, the effects of the activity on the environment and the way in which any adverse effects of the activity may be mitigated:

Requested Information

The further information required is detailed below.

1. The Resource Management (Measurement and Reporting of Water Takes) Regulations 2010 require that the water meter device or system must be verified every five years. Please provide a verification report for Meter #2317, as this has not been done in the last 5 years.

Responding to this Request

Within 15 working days (*30 September 2019*) you must either:

- Provide the requested information; or
- Provide written confirmation that you intend to provide the requested information, but can not provide the requested information within the timeframe (Council will provide a revised timeframe for the information to be provided); or
- Provide written confirmation that you do not agree to provide the requested information.

The processing of your application has been put on hold pending the information being provided and assessed by the processing officer.

If you have not provided the requested information within the agreed timeframes, or if you do not provide all the requested information, the Council will publicly notify your application pursuant to section 95C of the Resource Management Act 1991.

If you have any questions regarding this request, please do not hesitate to contact me.

Yours sincerely

A handwritten signature in black ink, appearing to be 'V. Bell', written in a cursive style.

VICTORIA BELL
RESOURCE MANAGEMENT OFFICER

Emma Hunter

From: Paul Williams <paul@rmco.co.nz>
Sent: Wednesday, 2 October 2019 10:30 AM
To: Victoria Bell-5174
Subject: Constellation U190670
Attachments: 2317 meter verification.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

Hi Victoria

Further to your information request of 9 September, please find attached verification of accuracy of water meter 2317 as requested.

Regards

Paul Williams



RMco Ltd ▪ PO Box 820, Blenheim 7240 ▪ T:03 577 9239 ▪ C: 0274 577 009 ▪ E: paul@rmco.co.nz

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Flow Verification Report
Consent Number: U100658
Meter Number: 2317
Verified by: Liquidaction

Date: 30/09/2019 2:34:26 PM

Verification Report

Verification	Pass
Recommendations	

Test Results

Test	Duration	Target Vol [L]	Ref Vol [L]	Flow rate [L/s]	Error [%]
1	00:16:53	7000.0	6993.8	6.9	0.09%
2	00:07:11	3000.0	3007.0	7.0	-0.23%
3	00:07:10	3000.0	2993.7	7.0	0.21%
				Average Error	0.02%

Target Meter Configuration

Type	Mechanical
Make	Sensus
Model	Meistream
Size	100
Last Verified	30/09/2019
Litres per pulse	1000
Current Meter Reading	82429

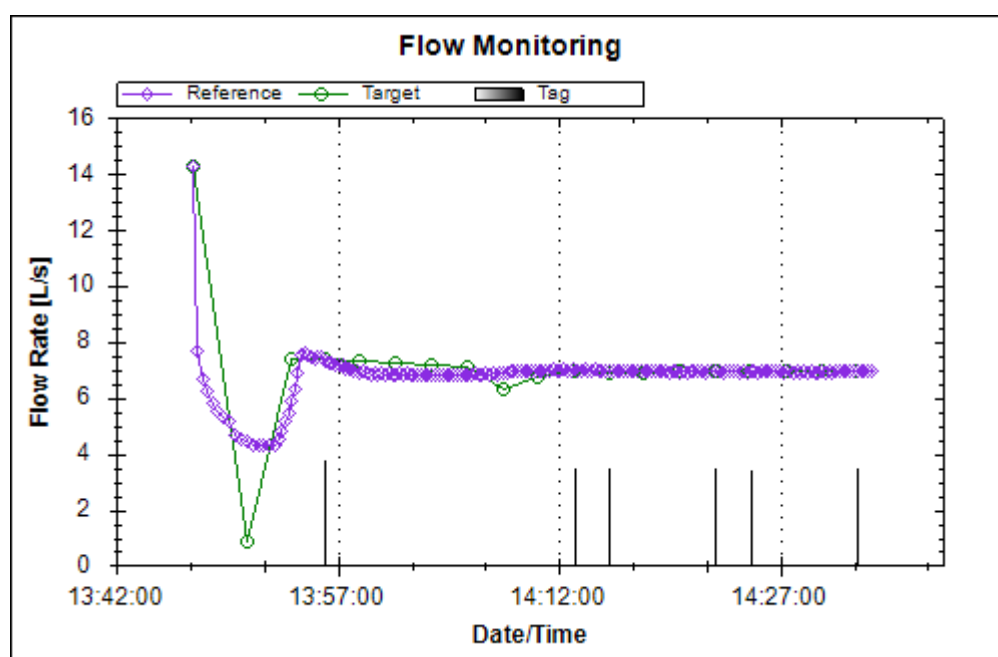
Reference Meter Configuration

Type	Electromagnetic
Make	Krohne
Model	Optiflux 2000
Size	100
Last Verified	18/03/2019
Litres per pulse	100

Consent Information

Consent Holder	Constellation Brands
Consent Number	U100658
Address	Waihopai valley rd
Northing	
Easting	
Meter Number	2317
Well Number(s)	p28w/4753
Location (lat,lon,hdop)	-41.5616,173.7634,1.3

Result Graph



To: Marlborough District Council
PO Box 443
Blenheim 7240



**MARLBOROUGH
DISTRICT COUNCIL**

ISO 9001:2008
Document Number:
RAF0010-CI1921

SUBMISSION ON APPLICATION FOR A RESOURCE CONSENT

1. Submitter Details

Name of Submitter(s) in full _____

Electronic Address for Service (*email address*) _____

Postal Address for Service (*or alternative
method of service under section 352 of the Act*) _____

Primary Address for Service (*must tick one*)

Electronic Address (*email, as above*) ☐ or, Postal Address (*as above*) ☐

Telephone (*day*) _____ Mobile _____ Facsimile _____

Contact Person (*name and designation,
if applicable*) _____

2. Application Details

Application Number _____ U _____

Name of Applicant (*state full name*) _____

Application Site Address _____

Description of Proposal _____

3. Submission Details (*please tick one*)

I/we support all or part of the application ☐

I/we oppose all or part of the application ☐

I/we are neutral to all or part of the application ☐

- ☐ 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 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 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

Signature _____ Date _____

Signature _____ 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 an 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.