



**MARLBOROUGH
DISTRICT COUNCIL**

RESOURCE CONSENT APPLICATION

U160688

Erik Tony Sorensen

174 Kenningtons Road, Okaramio

Submissions Close

5.00 pm Monday

15 August 2016



9 June 2016

Anna Eatherly & Glen Parker
Manager – Resource Consents
Marlborough District Council

Dear Anna & Glen

RE: Application for Resource Consent – Sorenson

Please find attached an application for resource consent to abstract & use Kaituna River water.

The volume of water applied for has been determined as per the *Irricalc* model as equates to the following abstraction & use rates:

- 10.3 l/s;
- 889.64 m³/day; and
- 6300 m³/ha/season.

The monthly irrigation requirements are outlined within the context of the application document.

Should you wish to discuss this matter further please do not hesitate to contact me.

Yours faithfully

A handwritten signature in blue ink, appearing to be "Steve Wilkes", written over a horizontal line.

STEVE WILKES
DIRECTOR

Temple Chambers, 76 High Street, Blenheim, 7201, New Zealand
T: +64 3 5772162 W: wilkesrm.co.nz

Steve Wilkes DIRECTOR
steve@wilkesrm.co.nz

Cath Hammond CONSULTANT
cath@wilkesrm.co.nz

RECEIVED
- 9 JUN 2016
MARLBOROUGH
DISTRICT COUNCIL

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-CI1579

Lodgement Fee Paid \$

Receipt No.

Consent No.

Case Officer:

Date Received:

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

Name: Erik Tony Sorensen
(full legal name)

Mailing Address: Okaramio Valley Farm
(including post code) 174 Kenningtons Road, RD 1
Havelock 7178

Email Address: okifarm@farmside.co.nz

Phone: (Daytime) 03 572 9620

Phone: (Mobile)

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

Name: WilkesRM - Attn: Mrs Catherine Hammond

Mailing Address: Temple Chambers
(including post code) 76 High Street
Blenheim 7201

Email Address: cath@wilkesrm.co.nz

Phone: (Daytime)

Phone: (Mobile) 0274 281 847

RECEIVED

- 9 JUN 2016

**MARLBOROUGH
DISTRICT COUNCIL**

3. Type of Resource Consent Applied For

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

4. Brief Description of the Activity

This is an application to abstract and use Kaituna River water.

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): 174 Kenningtons Road, Okaramio

Legal description (i.e. Lot 1 DP 1234): See application document

(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.

RECEIVED
- 9 JUN 2016
MARLBOROUGH
DISTRICT COUNCIL

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) Catherine Hammond

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

Signature of applicant or authorised agent: C Hammond

Date: 9/06/2016

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

Applicant's Name Erik Tony Sorensen



**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 U160469

3. Purpose for which water is required?
(Industrial, crop irrigation, etc)

Pasture and crop irrigation

4. Source of water Kaituna River

(name of river, stream, aquifer, etc)

5. Maximum quantity of takelitres per second
889.64cubic metres per day
.....cubic metres per week

GROUNDWATER:

1. Well number (if existing well) P28w/4501

2. Depth from ground level to bottom of well 25metres

3. Diameter of well 150millimetres

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

If yes, please attach results.

RECEIVED
- 9 JUN 2016
MARLBOROUGH
DISTRICT COUNCIL



SURFACE WATER:

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

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 <i>e.g. corn, olives, etc</i>	Pasture and/or field crops															
AREA <i>Number of hectares</i>	208.5															
APPLICATION RATE (m ³ / ha / day)	50															
QUANTITY <i>Cubic metres per day</i>	889.64												889.64			
IRRIGATION PERIOD <i>Circle months which apply</i>	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 <i>Trickle, spray, etc</i>	Spray															

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

RECEIVED

- 9 JUN 2016

MARLBOROUGH
DISTRICT COUNCIL



Erik Tony Sorensen

Application for Resource Consent:

- To Abstract and Use
Surface Water
-

Final

June 2016

RECEIVED
- 9 JUN 2016
MARLBOROUGH
DISTRICT COUNCIL

Table of Contents

1	Introduction.....	1
2	The Proposal.....	2
3	The Existing Environment.....	4
4	Statutory Framework	5
4.1	The Resource Management Act 1991	5
4.2	The Proposed Marlborough Environment Plan.....	6
4.3	The Marlborough Sounds Resource Management Plan.....	6
5	Statutory Acknowledgements	6
6	Consultation and Notification	6
7	Assessment of Effects.....	7
7.1	Water Take Effects on the Kaituna River.....	7
7.2	Potential Effects on Other Users	7
7.3	The Efficient Use of Water	7
7.4	Any Alternative Locations or Methods.....	8
7.5	Any Other Potential Effect.....	8
8	Summary of Mitigation Measures.....	9
9	Other Matters.....	9
9.1	Resource Management Act 1991	9
9.2	The National Policy Statement for Freshwater Management	11
9.3	Proposed Marlborough Environment Plan.....	12
9.4	Marlborough Regional Policy Statement	13
9.5	The Marlborough Sounds Resource Management Plan.....	14
10	Resource Consent Duration.....	15
11	Proposed Monitoring	15
12	Conclusion.....	16
	Appendices	

RECEIVED

- 9 JUN 2016

**MARLBOROUGH
DISTRICT COUNCIL**

1 Introduction

The applicant is Tony Erik Sorensen.

Erik Tony Sorensen owns a developed dairy farm comprising 208.5 hectare located on Kenningtons Road, Okaramio.

The legal descriptions for the property are:

- Lot 2 DP 435638
- Lots 1, 2, 3, & 5 DP 10513;
- Lots 1, 2, 4 & 6 DP 10512; and
- Lot 1 DP 8888.

The property has historically been irrigated by various short-term water permits, the most recent and current permit being U160469. That permit provides for:

- The abstraction of up to 440.64 cubic metres per day (m^3/day) of short term Kaituna River water from bore P28w/4501.
- The use of water to irrigate up to 12.25 ha of pasture on Lot 2 DP 435638, Lots 1, 2, 3, & 5 DP 10513, Lots 1, 2, 4 & 6 DP 10512, and Lot 1 DP 8888.

The applicant currently does not have sufficient irrigation water to fully irrigate their farm and is therefore seeking a new water permit to replace U160469 to provide a new A Class water permit. Further to this, the applicant is seeking additional water under the Proposed Marlborough Environment Plan's new B Class allocation. The abstraction volume sought is consistent with the irrigation demand for the property as determined by the *IrriCalc* model as per Appendix 4.

RECEIVED

- 9 JUN 2016

**MARLBOROUGH
DISTRICT COUNCIL**

Following the grant of this application to the applicant's satisfaction, water permit U160469 will be surrendered.

This report is an assessment of effects on the environment in accordance with the Fourth Schedule of the RMA, for resource consent for the following activities:

- Water Permit – Take Surface Water
- Water Permit – Use Water

The following appendices are attached:

- Appendix 1 – Location Plan;
- Appendix 2 – Site Plan;
- Appendix 3 – Title Documents; and
- Appendix 4 – Irrigation Requirements.

2 The Proposal

Erik Tony Sorensen is seeking resource consent for the following specific activities:

- *To take Kaituna River surface water from bore P28w/4501 up to a maximum of 10.3 litres per second, 889.64 cubic metres per day being:*
 - *5.1 l/s, 440.64 m³/day of A Class water from the Kaituan River; and*
 - *5.2 l/s, 449 m³/day of B Class water from the Kaituna River.*

RECEIVED
- 9 JUN 2016
MARLBOROUGH
DISTRICT COUNCIL

- Water Permit – Use Water for Irrigation
 - To use water from well P28w/4501 for the irrigation of up to 208.5 hectares of pasture and crops located on Lot 2 DP 435638, Lots 1, 2, 3, & 5 DP 10513, Lots 1, 2, 4 & 6 DP 10512, and Lot 1 DP 8888.

The 90 Percentile monthly maximum volumes as per the IrriCalc Model are:

	<i>Jul</i>	<i>Aug</i>	<i>Sept</i>	<i>Oct</i>	<i>Nov</i>	<i>Dec</i>	<i>Jan</i>	<i>Feb</i>	<i>Mar</i>	<i>Apr</i>	<i>May</i>	<i>Jun</i>
<i>Per Hectare (m³/ha)</i>	0	0	0	520	1050	1580	1580	1580	580	520	0	0
<i>Total Area (m³)</i>	0	0	0	520	1050	1580	1580	1580	580	520	0	0

The daily maximum abstraction rate has been determined by multiplying the daily volume which in this case is 53m³/ha/day (as per *IrriCalc*) by the number of ha which in this case is 208.5 ha giving a total of 6300m³/day being 72.9l/s.

A volume of 6300m³/day has not been sought, rather a total of 889.64m³/day being 10.3l/s is being sought. This is because a maximum of 8640m³/day of B Class Kaituna River Surface water is available for abstraction under the Proposed Marlborough Environment Plan Kaituna River Freshwater Management Unit provisions. The applicant's proposed abstraction volume is a combination of their current short term allocation of 440.64m³/day and a proposed B Class Kaituna River water allocation.

The approximate location of the well is shown on the Site Plan contained in Appendix 2.

Telemetry and a datalogger are installed on the well with water use being recorded via meter 2414.

RECEIVED
 - 9 JUN 2016
 MARLBOROUGH
 DISTRICT COUNCIL

Verification of the applicant's water meter has been undertaken to demonstrate compliance with the Resource Management (Measurement and Reporting of Water Takes) Regulations 2010. Council hold that verification certificate.

The proposed total daily abstraction rate of 889.64 m³/day will not be exceeded, nor will the 90th percentile monthly maximum volumes per hectare be exceeded.

The applicant volunteers a review condition in accordance with s128 of the Resource Management Act 1991 to bring the consent conditions in line with the final outcome of the Marlborough Resource Management Plan's rules relating to maximum or minimum level of flows or rates of use.

A 20 year duration is sought for this application.

Upon the successful granting of this application, to the applicants satisfaction, the applicant will surrender their water permits U160469.

3 The Existing Environment

The applicant's property straddles Kenningtons Road.

The applicant land on the valley floor is used for stock grazing with pasture and crops grown.

The Okaramio Stream is an ephemeral watercourse that passes through the applicant's property. The Okaramio Stream feeds into the Kaituna River.

There is a well P28w/4501 on the property as shown on the plan in Appendix 2. The well is screened between approximately 16 and 25 metres below ground level.

RECEIVED

- 9 JUN 2015

**MARLBOROUGH
DISTRICT COUNCIL**

The general location is characterised by agricultural land use on the valley river flats and lower foothills with the steeper surrounding hill country dominated by forestry or native bush.

Overall the landscape can best be described as a highly modified and developed rural landscape.

4 Statutory Framework

4.1 The Resource Management Act 1991

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

Section 86B(3) of the RMA requires that a rule in a proposed plan has immediate legal effect if the rule

- (a) protects or relates to water, air, or soil (for soil conservation); or
- (B) protects areas of significant indigenous vegetation; or
- (c) protects areas of significant habitats of indigenous fauna; or
- (d) protects historic heritage; or
- (e) provides for or relates to aquaculture activities.

Therefore the water allocation rules in the Proposed Marlborough Environment Plan have immediate effect.

RECEIVED
- 9 JUN 2016
MARLBOROUGH
DISTRICT COUNCIL

4.2 The Proposed Marlborough Environment Plan

The General Rules of the Proposed Marlborough Environment Plan provides for the abstraction of water not listed as either a permitted, controlled or prohibited activity as a discretionary activity.

The proposal is not provided for as a permitted activity or controlled activity, or limited as a prohibited activity and therefore requires a discretionary activity consent.

4.3 The Marlborough Sounds Resource Management Plan

General Rule 26.1.1.3 of the Plan states that the taking and use of water from Category 1 or 2 rivers is a discretionary activity. The Kaituna River is a Category 1 river so this application therefore requires a discretionary activity consent.

5 Statutory Acknowledgements

It is recognised that the Crown has provided a Statutory Acknowledgement over Kaituna River and its tributaries to Ngati Kuia, and Rangitāne o Wairau.

6 Consultation and Notification

No consultation has been undertaken as it is understood that the Council is likely to publicly notify this application.

RECEIVED
- 9 JUN 2016
MARLBOROUGH
DISTRICT COUNCIL

7 Assessment of Effects

7.1 Water Take Effects on the Kaituna River

The ability to abstract water from the Rai Freshwater Management Unit is governed by A and B Class low flow restrictions. Those restrictions have been determined in order to protect instream values.

This proposal seeks to abstract water that is available to be allocated and in a manner which is also consistent with the Proposed Plan's water allocation framework. The proposal will therefore ensure that the life supporting capacity of the Kaituna River is safeguarded.

7.2 Potential Effects on Other Users

The likelihood of interference effects depends on the distance between abstractions, the amount of water being abstracted and the aquifer or river characteristics.

The nearest neighbouring intake is located in excess of 1 km from the applicants bore. This distance will ensure that any drawdown created by the abstraction, will not lead to any interference effects being realised.

7.3 The Efficient Use of Water

The quantity applied for is considered to be appropriate and is consistent with the *IrrCalc* model to ensure sufficient irrigation water for the applicant's property. This is achieved through compliance with the monthly maximum irrigation rates.

Irrigation is only undertaken when required. Any irrigation undertaken is done so due to a need and to maximise the efficiency of the irrigation and the financial cost of doing so.

RECEIVED

- 9 JUN 2016

**MARLBOROUGH
DISTRICT COUNCIL**

7.4 Any Alternative Locations or Methods

No feasible alternatives to a direct surface take are available as there is no known groundwater underlying the property.

No alternative locations or methods have been considered as the applicant believes the activity proposed would give the best result in terms of efficient of use while ensuring environmental effects are no more than minor.

7.5 Any Other Potential Effect

The proposal is not anticipated to have any adverse effects on those in the neighbourhood or wider community (including any socio-economic or cultural effects) as the proposal is in accordance with the Plan's water allocation guidelines and MDC's irrigation application rate guidelines.

The proposal is not anticipated to have any adverse landscape or visual effects. The taking and use of water is a common occurrence in rural Marlborough.

As shown in the attached certificates of title there are no constraints that seek to limit the activities proposed.

There are no known / recorded archaeological sites or recognised customary activities associated with the subject site. Consequently it is considered that the proposed activities will not lead to the occurrence of adverse effects on cultural or historic values.

There are no other potential effects anticipated.

RECEIVED

- 9 JUN 2016

**MARLBOROUGH
DISTRICT COUNCIL**

8 Summary of Mitigation Measures

The mitigation measures in relation to this application to ensure the environmental effects are not more than minor, as discussed above, are summarised as follows:

- Compliance with the Kaituna River low flow restrictions;
- Compliance with irrigation usage as per *IrrCalc*;
- Lack of interference effects on neighbouring intakes and wells; and
- An efficient use of the resource.

9 Other Matters

9.1 Resource Management Act 1991

Part 2 of the RMA sets out its purpose and principles on which the RMA is founded and from which all other associated statutory framework is derived. The purpose of the RMA is to promote the sustainable management of natural and physical resources. The RPS and the Plan have been developed under the RMA and are generally considered to be the local implementation of the purpose and principles.

Section 5 Purpose

The application is consistent with the purpose of the Act. There is a clear balance between the take and use of water for irrigation to improve productivity of rural land and hence the social wellbeing of the applicants and the flow on effects to the Marlborough community, with the protection of in-stream ecosystem functions and values, and the avoidance of effects on other river users.

Section 6 Matters of National Importance

Matters of national importance are considered with relevance to this application:

- (a) *The preservation of the natural character of the coastal environment (including the coastal marine area), wetlands, and lakes and rivers and their margins, and the protection of them from inappropriate subdivision, use, and development.*

The natural character of the Kaituna River water resources is maintained under the water allocation regime.

The proposed abstraction volume is minimal when compared to the river flow at which the proposed restrictions may be imposed and therefore has no discernible effect on the natural character of the river flow.

- (b) *The protection of outstanding natural features and landscapes from inappropriate subdivision, use, and development.*

There are no outstanding natural features at risk from this proposal.

- (c) *The protection of areas of significant indigenous vegetation and significant habitats of indigenous fauna.*

There are no such areas at risk from this proposal.

- (d) *The maintenance and enhancement of public access to and along the coastal marine area, lakes, and rivers.*

There is no effect on the current nature or location of public access along the Kaituna River as a result of the proposed take and use of water.

- (e) *The relationship of Maori and their culture and traditions with their ancestral lands, water, sites, waahi tapu, and other taonga.*

RECEIVED
- 9 JUN 2016
MARLBOROUGH
DISTRICT COUNCIL

The proposal does not exclude Maori from the use of river resources.

- (f) *The protection of historic heritage from inappropriate subdivision, use, and development.*

There are no known historic sites relevant to this proposal.

- (g) *The protection of recognised customary activities.*

There are no recognised customary activities relevant to this proposal.

Section 7 Other Matters

The application is considered to be consistent with Section 7, primarily due to the scale of the take and use and the effects on the environment are less than minor. In particular there are no adverse effects on amenity or the habitat of trout and salmon and the allocation of water consistent with the Proposed Plans framework allows for the efficient use of this resource.

Section 8 Treaty of Waitangi

The application is consistent with the RMA planning framework and is therefore considered consistent with Section 8 in terms of Treaty of Waitangi considerations.

9.2 The National Policy Statement for Freshwater Management

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

Amongst other matters the NPSFW requires that all Regional Councils ensure that the allocation of water resources above a pre-determined sustainable maximum volume does not occur and if any such 'over-allocation' exists then the Regional Council must undertake steps to reduce the over-allocation.

This proposal seeks the allocation of water consistent with the Proposed Plans requirements. Consequently the proposal is considered consistent with the relevant provisions of NPSFW being Water Quality Objective A1 & Policy A1 together with the Water Quantity Objectives B1, B2 and B3.

9.3 Proposed Marlborough Environment Plan

At the time of drafting this application the following draft provisions were available.

Chapter 4 – Marlborough’s Natural and Physical Resources

Objective 4.1 – Marlborough’s primary production sector and tourism sector continue to be successful and thrive.

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

Chapter 6 – Natural Character

Objective 6.1 – Establish the degree of natural character in the coastal environment, and in lakes and rivers and their margins.

Policy 6.1.1 – Recognise that the following natural elements, patterns, processes and experiential qualities contribute to natural character:

(f) Water flows and levels, and water quality.

Chapter 14 – Use of the Rural Environment

Objective 14.1 – Rural environments are maintained as a resource for primary production activities enabling these activities to continue contributing to economic wellbeing, whilst ensuring the adverse effects of these activities are appropriately managed.

Policy 14.1.1 – Enable the efficient use and development of rural environments for primary production.

Policy 14.1.4 – Manage primary production activities to ensure they are sustainably carried out through the implementation of policies and methods (including rules establishing performance standards for permitted activities) to address potential adverse effects on:...

(c) Water quality and water availability:...

The agriculture industry relies on access to and the use of freshwater for irrigation. The use of allocation frameworks for freshwater enables the sustainable use of freshwater. This application is within the Rai River allocation and is therefore considered consistent with these objectives and policies.

9.4 Marlborough Regional Policy Statement

Section 7 – Community Wellbeing of the Regional Policy Statement includes the following objective and policies.

7.2.2 Objective – Sustainable Management of Water - Enable the sustainable management of surface water and groundwater.

7.2.3 Policies - Allocation of Water

(a) Establish mechanisms for the allocation of surface water and groundwater from the Wairau, Awatere, Clarence and Pelorus/Kaituna catchments.

(b) Include the following principles into water allocation mechanisms:

- sustainable management;*
- equitable allocation;*
- avoid, remedy or mitigate adverse effects;*

- *minimise conflicts between users; and*
- *ensure efficient and beneficial use.*

This proposal is consistent with this objective and policies.

As stated the volume of water authorised for abstraction equates to an irrigation application rate consistent with the recognised irrigation application rates. The proposed abstraction can therefore be considered to be an equitable and efficient use of the water resource.

9.5 The Marlborough Sounds Resource Management Plan

The Marlborough Sounds Resource Management Plan (the Plan) contains objectives and policies of relevance to this proposal. Of particular relevance are the following provisions contained within section 3.2.5 (Volume 1) of the Plan:

- Objective 1 That the natural functioning of ecosystems is not disrupted by the taking, use damming and diversion of fresh surface water.*
- Policy 1.1 Adopt a precautionary approach towards the allocation of surface water resources.*
- Policy 1.3 Avoid environmental effects on fresh water ecosystems from the taking of fresh surface water. Generally this will mean not more than 30% of the five year seven day low flow is allocated for abstraction.*

As this proposal is consistent with the Plans water allocation regime which has been developed to give effect to the various objectives and policies the proposal itself is considered to be consistent with this objective and policies.

RECEIVED
- 9 JUN 2016
MARLBOROUGH
DISTRICT COUNCIL

10 Resource Consent Duration

The applicant seeks that the consents sought to breach Section 14 of the RMA be granted with a 20 year duration.

11 Proposed Monitoring

The Fourth Schedule of the Act, requires that 'where the scale or significance of the activity's effect are such that monitoring is required, a description of how, once the proposal is approved, effects will be monitored and by whom'.

Monitoring of the water abstraction is to be carried out by the consent holder, which involves meeting any applicable resource consent conditions and ensuring telemetered water metering is in place.

RECEIVED
- 9 JUN 2016
MARLBOROUGH
DISTRICT COUNCIL

12 Conclusion

Erik Tony Sorensen is seeking resource consent for the following specific activities:

- *To take Kaituna River surface water from bore P28w/4501 up to a maximum of 10.3 litres per second, 889.64 cubic metres per day. This comprises:*
 - *5.1 l/s, 440.64 m³/day of A Class water from the Kaituna River; and*
 - *5.2 l/s, 449 m³/day of B Class water from the Kaituna River.*
- **Water Permit – Use Water for Irrigation**
 - *To use water from well P28w/4501 for the irrigation of up to 208.5 hectares of pasture and crops located on Lot 2 DP 435638, Lots 1, 2, 3, & 5 DP 10513, Lots 1, 2, 4 & 6 DP 10512, and Lot 1 DP 8888.*

The 90 Percentile monthly maximum volumes as per the IrriCalc Model are:

	<i>Jul</i>	<i>Aug</i>	<i>Sept</i>	<i>Oct</i>	<i>Nov</i>	<i>Dec</i>	<i>Jan</i>	<i>Feb</i>	<i>Mar</i>	<i>Apr</i>	<i>May</i>	<i>Jun</i>
<i>Per Hectare (m³/ha)</i>	0	0	0	520	1050	1580	1580	1580	580	520	0	0
<i>Total Area (m³)</i>	0	0	0	520	1050	1580	1580	1580	580	520	0	0

Appropriate water metering is installed in order to satisfy the requirements of the Resource Management (Measurement and Reporting of Water Takes) Regulations 2010.

A 20 year consent duration is sought.

RECEIVED

- 9 JUN 2016

**MARLBOROUGH
DISTRICT COUNCIL**

An assessment of the potential effects of the proposal on the environment has found that any such effects will not be more than minor and that the proposed irrigation application represents the efficient allocation and use of water.

The proposal is consistent with the relevant provisions of Part 2 of the Act, the National Policy Statement for Freshwater Management 2014, the Proposed Marlborough Environment Plan, the Marlborough Regional Policy Statement and the Marlborough Sounds Resource Management Plan.

Accordingly resource consent should be granted to this proposal.

RECEIVED

- 9 JUN 2016

**MARLBOROUGH
DISTRICT COUNCIL**

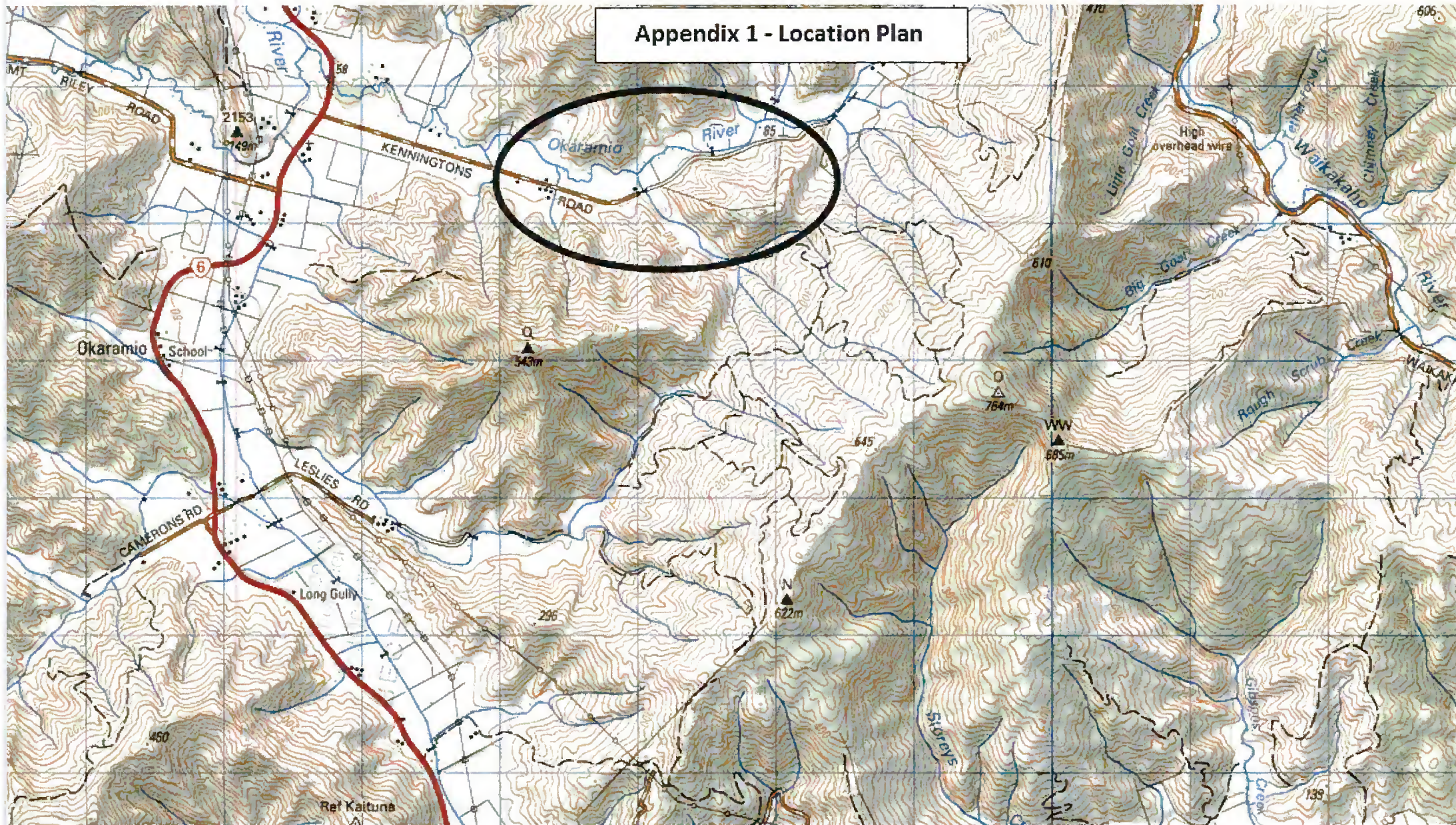
Appendix 1 – Location Plan

RECEIVED

- 9 JUN 2016

**MARLBOROUGH
DISTRICT COUNCIL**

Appendix 1 - Location Plan



Appendix 2 – Site Plan

RECEIVED

- 9 JUN 2016

**MARLBOROUGH
DISTRICT COUNCIL**

Appendix 2 - Site Plan



RECEIVED
- 9 JUN 2016
MARLBOROUGH
DISTRICT COUNCIL

Appendix 3 – Title Documents

RECEIVED
- 9 JUN 2016
MARLBOROUGH
DISTRICT COUNCIL



**COMPUTER FREEHOLD REGISTER
UNDER LAND TRANSFER ACT 1952**
Limited as to Parcels



R. W. Muir
Registrar-General
of Land

Search Copy

Identifier 549281
Land Registration District Marlborough
Date Issued 04 September 2012

Prior References
528800

Estate Fee Simple
Area 124.9730 hectares more or less
Legal Description Lot 1-3, 5 Deposited Plan 10513

Proprietors
Erik Tony Sorensen and Lone Birgith Mellon Jorgensen

Interests

Appurtenant hereto is a right to convey water easement specified in Easement Certificate 96377.3 - 20.9.1979 at 11:20 am

The easement created by Easement Certificate 96377.3 is subject to Section 37(1)(a) Counties Amendment Act 1961

Subject to a right to convey water easement over part Lot 5 DP 10513 marked A on DP 7494 created by Transfer 148671 - 29.9.1989 at 10:45 am

Appurtenant hereto is a right to convey water easement specified in Easement Certificate 169118A.7 - 5.8.1993 at 9:00 am

Subject to a right of way easement over part Lot 2 DP 10513 marked A & B on DP 10366 created by Transfer 193259.1 - 25.9.1997 at 9:49 am

The easement created by Transfer 193259.1 is subject to Section 243(a) Resource Management Act 1991

195395.1 Consent Notice pursuant to Section 221(1) Resource Management Act 1991 by The Marlborough District Council - 21.1.1998 at 10.00 am

205561.4 Mortgage to Bank of New Zealand - 24.6.1999 at 9.50 am

9169363.6 COVENANT UNDER SECTION 240 RESOURCE MANAGEMENT ACT 1991 (ALSO AFFECTS 533300) - 4.9.2012 at 8:44 am

RECEIVED
- 9 JUN 2016
MARLBOROUGH
DISTRICT COUNCIL



RECEIVED

- 9 JUN 2016

**MARLBOROUGH
DISTRICT COUNCIL**



**COMPUTER FREEHOLD REGISTER
UNDER LAND TRANSFER ACT 1952**



R.W. Muir
Registrar-General
of Land

Search Copy

Identifier MB5B/449
Land Registration District Marlborough
Date Issued 05 August 1993

Prior References

MB3B/1233 MB3B/1235 MB4C/618

Estate Fee Simple
Area 33.0240 hectares more or less
Legal Description Lot 1-2 Deposited Plan 8888

Proprietors

Erik Tony Sorensen and Lone Birgith Mellon Sorensen

Interests

Saving and excepting all minerals within the meaning of the Land Act 1924 on or under the land (affects the part Lot 2 herein formerly comprised in CT MB3B/1235)

Subject to Section 315 Land Act 1924 (affects the part lot 2 herein formerly comprised in CT MB3B/1235)

169118A.7 Easement Certificate specifying the following easements - produced 30.6.1993 and 5.8.1993 at 9:00 am

Type	Servient Tenement	Easement Area	Dominant Tenement	Statutory Restriction
Convey water	Lot 1 Deposited Plan 8888 - herein	A DP 8888	Section 4, Section 8-9, Part Section 1 and Part Section 5-7 Kaituna Valley Registration District - CT MB5B/452	

5057133.3 Mortgage to Bank of New Zealand - 11.7.2001 at 9:00 am

5082588.1 CHARGING ORDER DATED 12.9.2001 BETWEEN ERIK TONY SORENSEN AND LONE BIRGITH MELLON JORGENSEN AND MARIANNE CRAMA - 13.9.2001 at 1:54 pm

10168612.5 Variation of Mortgage 5057133.3 - 31.8.2015 at 3:36 pm

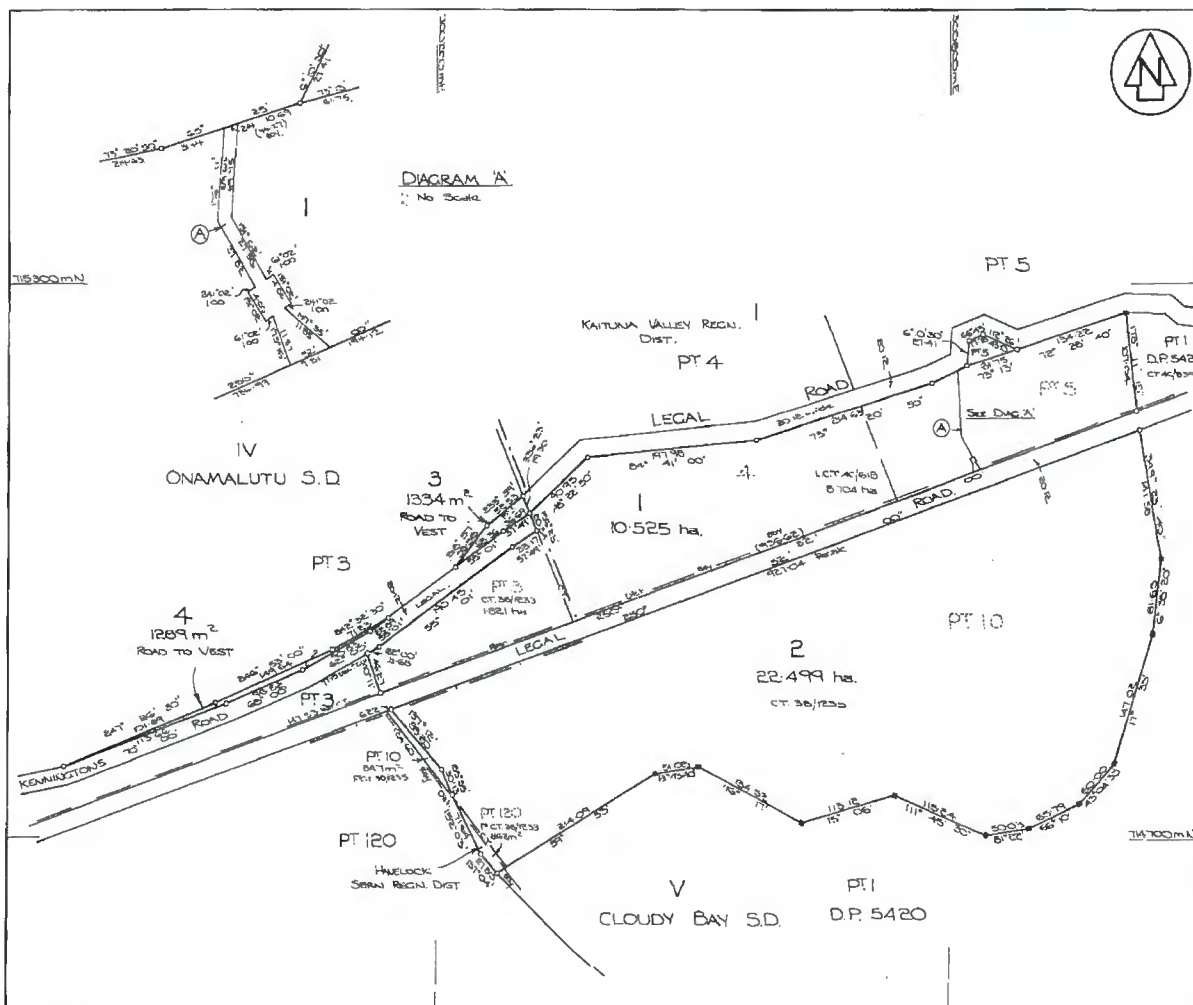
RECEIVED

- 9 JUN 2016

**MARLBOROUGH
DISTRICT COUNCIL**

Approved James H. Baker
 REGISTERED OWNER
 OPTIONAL EASEMENT

Purpose	Shower's Surv. Ben.	Dom. Ben.
Right of Conveyance Water	A Lot 1 Hereon	Secs. 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 82



LAND DISTRICT <u>MARLBOROUGH</u>	PLAN OF LOTS 1-4 BEING SUBDN OF SEC 4, PT SEC'S 3 & 5, KAITUNA VALLEY REGN, DIST, PT SEC 120, HAVELOCK SBRN REGN DIST & PT SEC 10 BLK V, CLOUDY BAY S.D.	TERRITORIAL AUTHORITY <u>MARLBOROUGH DIST. C.</u>
SURVEY BLK. & DIST. <u>14V CLOUDY BAY N. OYAMUTU</u>		Surveyed by <u>GILBERT HAYMES & ASSOCIATES</u>
NZMS 261 SHT <u>P55</u> RECORD MAP No. <u>61</u>		Scale <u>1:5000</u> Date <u>Feb 1993</u>

WA ROBERTSON, SURVIVOR OF THE DEPARTMENT OF SURVIVAL AND INFORMATION NEW ZEALAND

412 J. A. Roberts

RECEIVED

- 9 JUN 2016

**MARLBOROUGH
DISTRICT COUNCIL**



COMPUTER FREEHOLD REGISTER UNDER LAND TRANSFER ACT 1952



R. W. Muir
Registrar-General
of Land

Search Copy

Identifier 533300
Land Registration District Marlborough
Date Issued 04 September 2012

Prior References

528800 MB58/210 MB6A/2

Estate Fee Simple
Area 49.1426 hectares more or less
Legal Description Lot 1-6 Deposited Plan 10512 and Lot 2
Deposited Plan 435638

Proprietors

Erik Tony Sorensen and Lone Birgith Mellon Jorgensen

Interests

Subject to Section 8 Coal Mines Amendment Act 1950 (affects part of Lot 2 DP 435638 formerly Section 33 Block IV Onamalutu Survey District)

Subject to Section 315 Land Act 1924 (affects Lot 4-5 DP 10512 & Part of Lot 3 DP 10512 formerly Part Section 10 SO 704)

Saving and excepting all minerals within the meaning of the Land Act 1924 on or under the land (affects Lot 4-5 DP 10512 & Part of Lot 3 DP 10512 formerly Part Section 10 SO 704)

Subject to Section 36 (4) Counties Amendment Act 1961 (affects Lot 1-2, 6 DP 10512 & Part of Lot 3 DP 10512 formerly Part Section 120 SO 704)

Subject to Section 241(2) and Sections 242(1) and (2) Resource Management Act 1991(affects DP 10512 & DP 435638)

Appurtenant to part of Lot 2 DP 435638 formerly Lot 4 DP 10513 herein is a right to convey water easement specified in Easement Certificate 96377.3 - 20.9.1979 at 11:20 am

The easement created by Easement Certificate 96377.3 is subject to Section 37(1)(a) Counties Amendment Act 1961

Subject to a rights to convey water over part Lot 4 DP 10512 marked C and over part Lot 6 DP 10512 marked B, all on DP 7494 created by Transfer 148671 - 29.9.1989 at 10:45 am

Appurtenant to part of Lot 2 DP 435638 formerly Lot 4 DP 10513 herein is a right to convey water easement specified in Easement Certificate 169118A.7 - 5.8.1993 at 9:00 am

195395.1 Consent Notice pursuant to Section 221(1) Resource Management Act 1991 by The Marlborough District Council - 21.1.1998 at 10.00 am (affects part of Lot 2 DP 435638 formerly Lot 4 DP 10513 & Section 3 SO 427934)

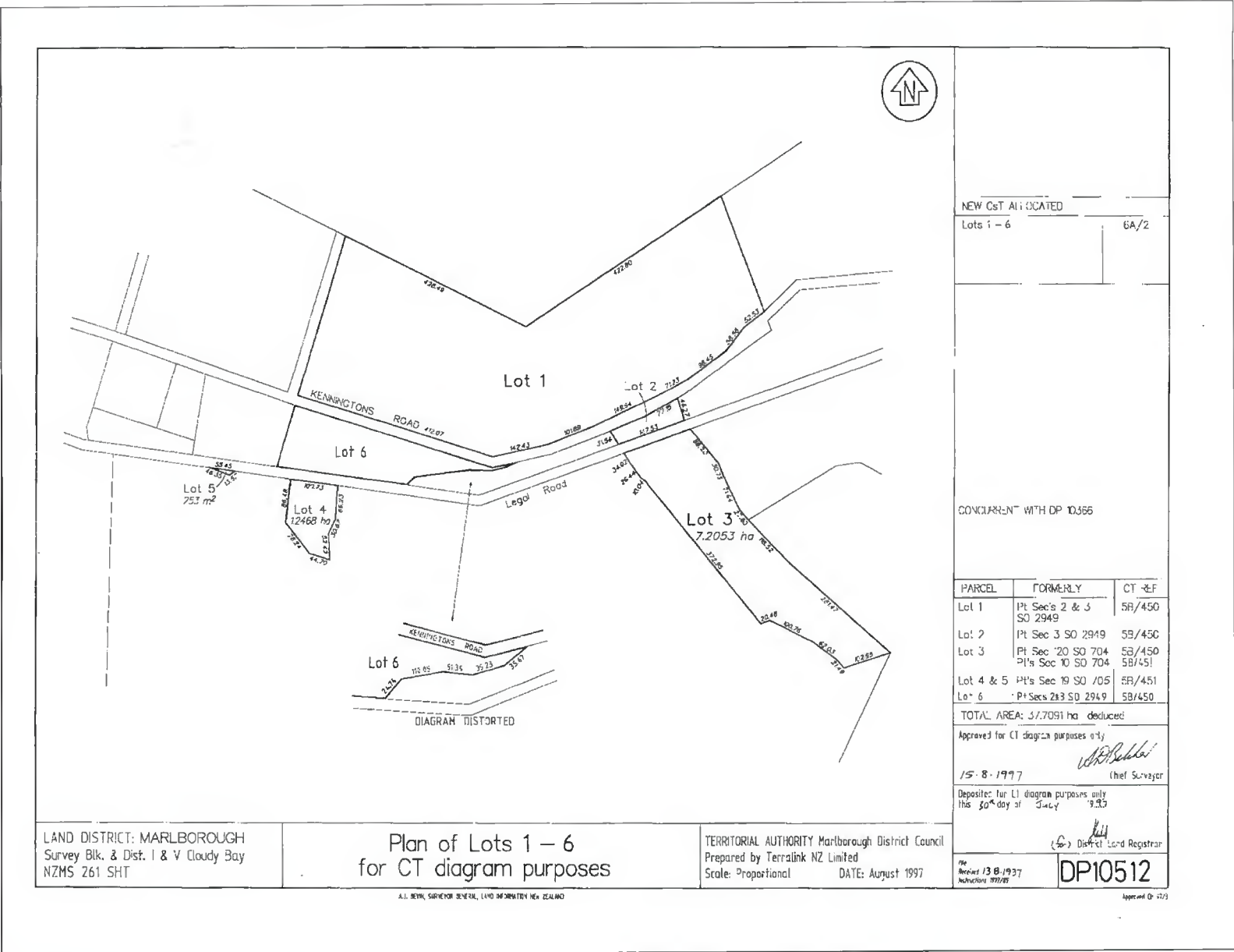
Subject to a right of way over part Lot 6 DP 10512 marked B & C on DP 10833 created by Transfer 197565.1 - 14.5.1998 at 9.35 am

205561.4 Mortgage to Bank of New Zealand - 24.6.1999 at 9.50 am (affects Lots 1-6 DP 10512 & Part of Lot 435638 formerly Lot 4 DP 10513 & Section 3 SO 427934)

9169363.6 COVENANT UNDER SECTION 240 RESOURCE MANAGEMENT ACT 1991 (ALSO AFFECTS - 9 JUN 2016 549281) - 4.9.2012 at 8:44 am

Land Covenant in Easement Instrument 9169363.7 - 4.9.2012 at 8:44 am (affects Lot 2 DP 435638)

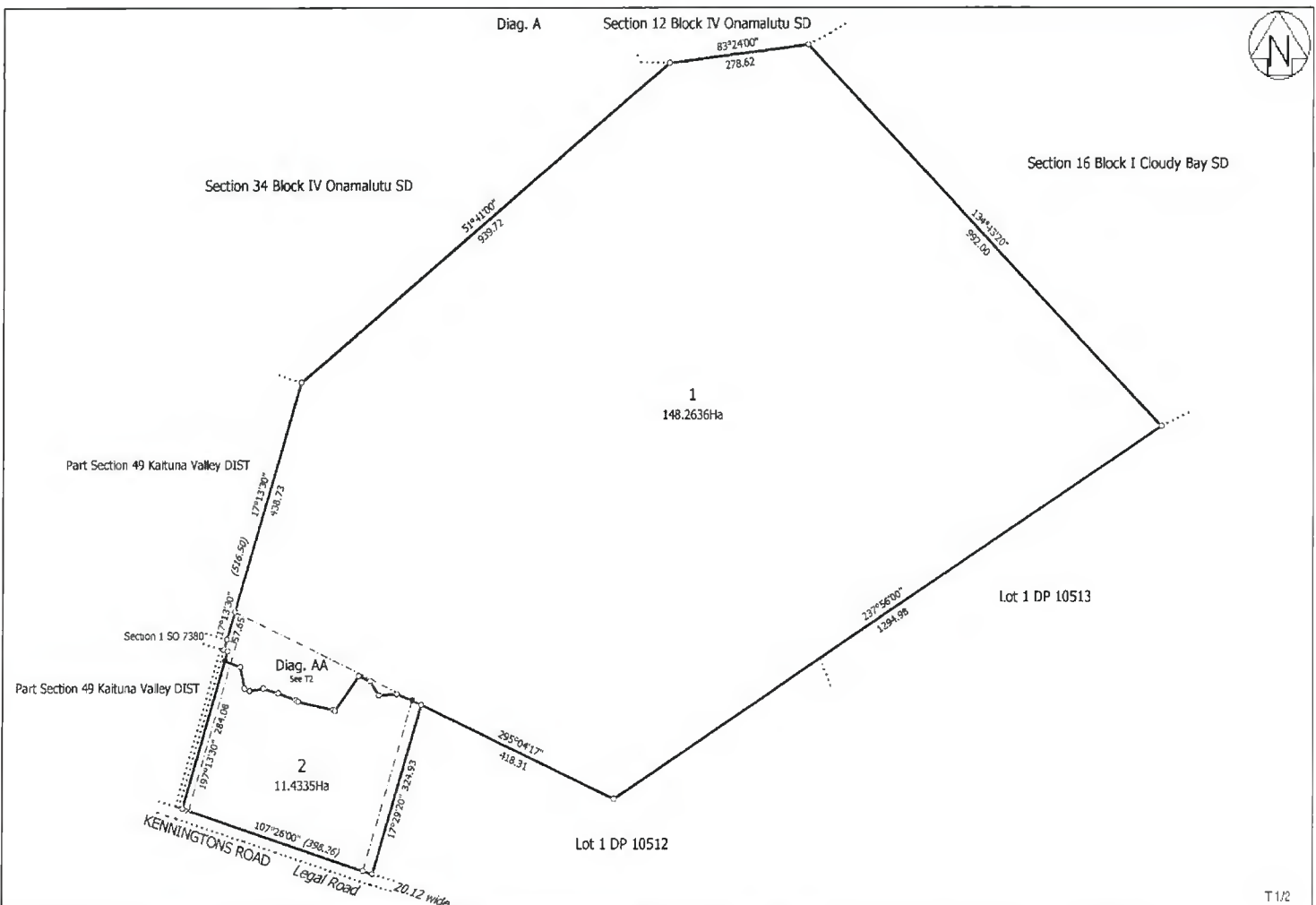
RECEIVED
MARLBOROUGH
DISTRICT COUNCIL



RECEIVED
 - 9 JUN 2016
 MARLBOROUGH
 DISTRICT COUNCIL

Identifier

533300



Land District Marlborough	Lots 1 and 2 being subdivision of Sec 3 SO 427934, Sec 36 & Pt Sec 33 Blk IV Onamalutu SD and Lot 4 DP 10513.	Surveyor: Philip Dudley Norton Firm: Ensuvu (Eikenheim)	Title Plan DP 435638 Deposited on: 4/09/2012
Digitally Generated Plan Generated on: 15/09/2012 3:21 pm Page 2 of 3			

Transaction Id
Client Reference 36226.001

Search Copy Dated 22/03/16 1:37 pm, Page 3 of 4
Register Only

RECEIVED
- 9 JUN 2016
MARLBOROUGH
DISTRICT COUNCIL

Appendix 4 – Irrigation Requirements

RECEIVED
- 9 JUN 2016
MARLBOROUGH
DISTRICT COUNCIL

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

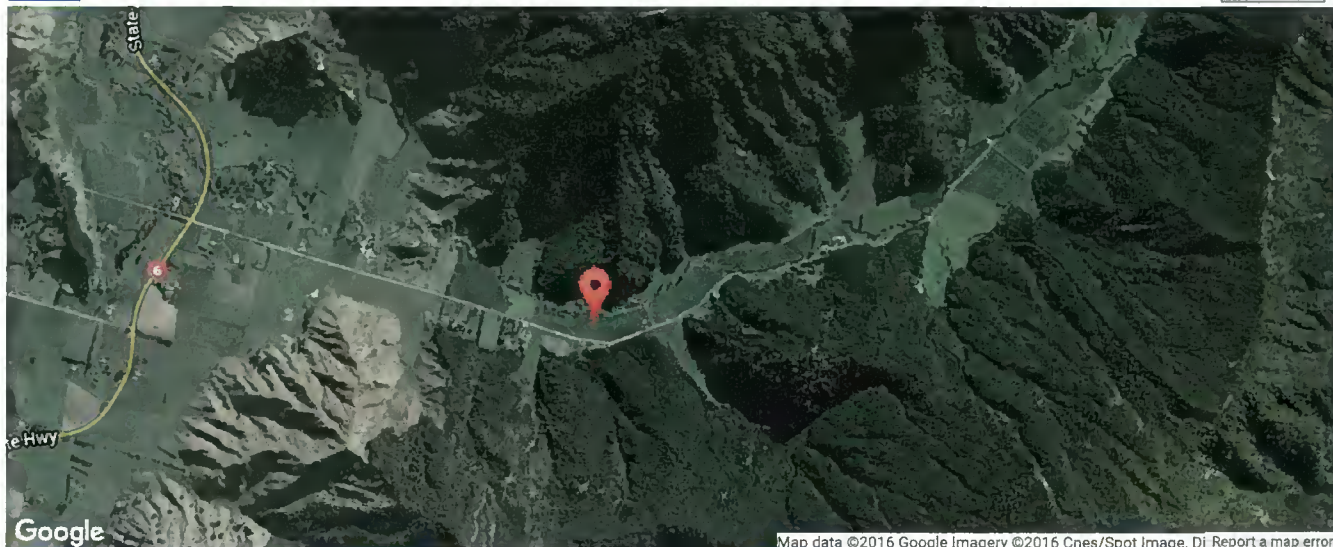
AQUALINC
RESEARCH LIMITED

1

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

-41.409 , 173.798

Locate



2

Select Crop

Pasture

3

Select Plant Available Water

(a) Most likely PAW in this area

4

Select Irrigation Method

80% Efficient

5

Fetch Data

100%

Farm Details

Description

Kennington Block

Latitude -41.409

Longitude 173.798

Council Marlborough

Climate Site ID P156124

Distance to Climate Site (km) 2.62

Plant Available Water Details

PAW(mm)

80

Indicative Likelihood

25.8

Area (hectares)

1

Total area =

1

Irrigation Requirements

Per Hectare

Total Area

System Capacity

0.61

0.61

System Capacity

5.3

Daily Volume

53

53

7 Day Volume

28 Day Volume

90% ile Annual Volume

6,300

6,300

90 Percentile Monthly Volume

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
Per Hectare (m ³ /h)	0	0	0	520	1,050	1,580	1,580	1,580	580	520	0	0
Total Area (m ³)	0	0	0	520	1,050	1,580	1,580	1,580	580	520	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

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 *(include post code)*

Email

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

☐

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.