

# CON552: APPLICATION TO CHANGE WATER METERING CONDITION AND REDUCE RATE OF TAKE ON CONSENT

Section 127, Resource Management Act 1991(RMA)

*If you need help in filling out this form please contact our Customer Services staff on (03) 353-9007 or toll free 0800 EC INFO (0800 324 636).*

Send the completed application to: Environment Canterbury,  
P O Box 345,  
Christchurch 8140.

OFFICE USE ONLY	
Receipt number:	
Charges paid:	CRC:

## When to use this form

1. This form is appropriate to use when you are applying to reduce your rate of abstraction to eliminate your obligations to automatically require your abstraction to be metered.
2. If you have been advised by an Environment Canterbury staff member. (Please note that water metering will still be required if your water permit/consent contains minimum flow or trigger level restrictions)

## This form cannot be used for the following

1. If the actual location of the bore(s) is different to the consented location/map reference, a well interference assessment may be required to assess the difference in location. Contact Customer Services for advice if this is the case.

## Charges

Your application for a reduce rate of take must be accompanied with the deposit charge specified in the "Resource Management Act Charges Fact Sheet" or at [www.ecan.govt.nz](http://www.ecan.govt.nz). When your application has been processed, if the actual and reasonable costs incurred by Environment Canterbury exceed the deposit charge, you will be invoiced for the balance. If the cost of processing an application for a reduce rate of take is less than the deposit charge paid, the balance will be refunded. You can request an estimate of the charge for processing your application. If an application is declined or withdrawn all charges must still be paid.

All accounts are payable by the 20th day of the month following the date of invoice. If the account is not paid within 30 days after the due date, our debt collection agent may charge you a fee equal to 25% of the unpaid portion of the account, but no less than \$25.00. Where the total debt collection costs, legal and other costs arising from the collection of any amount owing exceeds the debt collection fee charged, our debt collection agent is also entitled to recover such additional costs. All Environment Canterbury charges must be met by the applicant. This may include time spent discussing issues with the applicant and any other parties involved in the process.

**The deposit required for this application type is \$1200**

**To** *Canterbury Regional Council*

I/We, ..... apply to change condition(s) [ ] of water permit CRC  
.....

the maximum rate of abstraction. Further details are included later in this application form.

## Applicant details

Name:	
Address for service of applicant(s):	
Postcode	
Phone (home):	Phone (business):

## RESOURCE

Fax:	Email:
Contact person:	Cellphone:
Signature of applicant (or person authorised to sign on behalf of applicant)	
Date	

**Owner and occupier of land to which the application relates (if different to applicant details)**

Owner:
Phone:
Postal address:
Postcode
Fax or email address:

Occupier:
Phone:
Postal address:
Postcode
Fax or email address:

**Proposed changes**

NOTE: Design Return Period (DRP) – Your consent conditions may restrict you to taking a volume of water over a number of days. Where appropriate this should be reduced if you cannot achieve it with your reduced rate of take. If you only have a daily volume, please enter this in the DRP volume and put number of days as 1.

Annual volume – if your consent has an existing annual volume you may need to consider if this needs to be reduced as a result of the reduced rate of take. If you do not have an annual volume, you will need to propose one in this application (guidance is provided further through this form).

Please fill in the table below for each abstraction point specified on your consent

SWAP or Bore number	Map reference (please check location specified on the consent matches the location of the bore/SWAP)	Current rate (litres per second)	Proposed rate of take from this point (litres per second)	Proposed volume per DRP (Design Return Period) in cubic metres	Number of days in DRP
<b>Total</b>			<b>Box A</b>	<b>Box B</b>	<b>Box C</b>
<b>Irrigation area (hectares)</b>			<b>Box E</b>		

**Assessment of Environmental Effects**

	Explanation	Answer
<b>Proposed Application rate</b>	( Box A___ ) / (Box E___)	Box F___l/s/ha
<b>Application rate meets peak demand?</b>	(Box F = equal to or greater than 0.5 l/s/ha)	Box G Y      N
<b>Existing annual volume on consent?</b>	If no, see how to calculate AV	Y      N
<b>Can you still reasonably achieve this volume with the reduced rate of take?</b>	If yes, explain how. If no see how to calculate AV	Y      N      NA Explanation:

**Calculating an annual volume where the use of water is for irrigation**

- There are a number of options available to you for calculating this volume. However for ease of use, the simplest method has been included below. If you wish to use one of the alternative methods specified in Schedule 10 of the Land and Water Regional Plan (LWRP) please attach your assessment to your application.
- The information described below can be accessed online at <https://www.ecan.govt.nz/do-it-online/resource-consents/process/lodge-my-application/#Tools>
- You may contact our Customer Services team who can also assist with this information

**1. If you answered N in Box G , use the formula below to calculate the area to be used in table below**

Daily volume (either daily return period divided by 86.4 then multiplied by two OR instantaneous rate multiplied by two)

\_\_\_\_\_ hectares

**2. Fill in table below**

Area	Total seasonal demand	Effective rainfall	Annual irrigation allocation
<i>Hectares to be irrigated</i>	<i>From table *</i>	<i>From figure *</i>	<i>= total seasonal demand – effective rainfall x area x 10</i>  <i>=</i>
		<b>Total annual volume</b>	<b>Sum of this column Box D</b>

**Total seasonal demand**

Soil PAW class (mm)	Total seasonal demand (mm)
< 100	910
100-200	= 910 - 1.6(PAW-100)
>200mm	750

**Calculating an annual volume where the use of water is not for irrigation**

- a. Please describe what your water is used for (including approximate stock numbers, number of houses being supplied if for stock or domestic use).

- b. If the use above requires your daily volume every day of the year then Box D = Box B/Box C \* 365
- c. If we consider the use above would likely require an average of less than that volume over a year then we will contact you to discuss what an appropriate volume would be.

## 1. Metering requirements

Conditions\_\_\_of my consent require metering and collection of data for my abstraction. I am reducing my rate of take so that metering is not required under the metering regulations. I propose to replace these conditions with the following. I understand these do not require metering unless Environment Canterbury notifies me of this in writing.

(Water metering will still be required if the consent is subject to minimum flow or trigger level restrictions)

### PROPOSED CONDITIONS:

**The consent holder shall on notice in writing by the Canterbury Regional Council, by 6 months from notice:**

- a. Install a water meter(s) that has an international accreditation or equivalent New Zealand calibration endorsement and has pulse output, suitable for use with an electronic recording device, which will measure the rate and volume of water taken within an accuracy of plus or minus five percent, as part of the pump outlet plumbing, or within the mainline distribution system, at a location(s) that will ensure the total take of water is measured.
- b. Take a reading from the water meter at least once per month; record the date and the meter reading either electronically or in a log book kept for that purpose; and supply these data to the Canterbury Regional Council, Attention Regional Leader - Monitoring and Compliance, each year during the month of June, or when requested in writing.
- c. Ensure that the water meter is accessible to the Canterbury Regional Council at all times for inspection.
- d. Ensure that the water meter is installed, maintained and operated throughout the duration of the consent in accordance with the manufacturer's instructions.
- e. Take all practicable measures to ensure that the water meter is fully functional at all times.

## 2. Any additional assessment of environmental effects you consider are necessary to support your application

## Planning Assessment

### POLICIES AND OBJECTIVES

The following policies and objectives are relevant to this proposal, and are not considered to be compromised by the activity:

#### NATIONAL POLICY STATEMENT FOR FRESHWATER MANAGEMENT (NPS-FM 2017)

##### *Water Quantity*

- Objective B2 (Avoid any further over-allocation of fresh water and phase out
- existing allocation) Objective B3 (To improve and maximise the efficient allocation and efficient use of water)

Policy B1 (Allocation

Limits) Policy B2  
(Allocation)

Policy B5 (Future Over Allocation)

**REGIONAL POLICY STATEMENT (RPS 2013)**

**Chapter 7: Fresh water**

Policy 7.3.8 (Efficient allocation and use of freshwater)

**CANTERBURY LAND AND WATER REGIONAL PLAN**

**Objectives**

Objective 3.9 (Reasonable and efficient use of water) Objective 3.24 (Good environmental practice)

**Strategic Policies**

Policy 4.4 (Groundwater management) **Activity and**

**Resource Policies** Abstraction of

Water

- Policy 4.50 (Over-allocated catchments)  Policy 4.54 (Water metering
- telemetered) Policy 4.59 (Well interference)  Policy 4.63 (Groundwater takes)
- Policy 4.64 (Seasonal or annual volumes)

Efficient use of Water

Policy 4.65 (Rate, volume and seasonal duration)  Policy 4.66 (Abstraction for irrigation)

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**OTHER PLANS:**

- Policy \_\_\_\_\_ of \_\_\_\_\_ Regional
- Plan Policy of \_\_\_\_\_ Regional
- Plan Policy of \_\_\_\_\_ Regional
- Plan Policy of \_\_\_\_\_ Regional
- Plan Policy of \_\_\_\_\_ Regional
- Plan

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**Resource Management Act - Part 2 - Purpose And Principles**

**Section 5 Purpose**

1. The purpose of this Act is to promote the sustainable management of natural and physical resources.
  2. In this Act, sustainable management means managing the use, development, and protection of natural and physical resources in a way, or at a rate, which enables people and communities to provide for their social, economic, and cultural wellbeing and for their health and safety while—
    - (a) Sustaining the potential of natural and physical resources (excluding minerals) to meet the reasonably foreseeable needs of future generations; and
    - (b) Safeguarding the life-supporting capacity of air, water, soil, and ecosystems; and
    - (c) Avoiding, remedying, or mitigating any adverse effects of activities on
- the environment. I consider the proposal meets the Purpose of the Act.

**Section 6 (Matters of National Importance)**

- recognise and provide for the following:
  - (a) the preservation of the natural character of the coastal environment, wetlands, and lakes and rivers and their margins, and the protection of them from inappropriate subdivision, use, and development.
  - (b) the protection of outstanding natural features and landscapes from inappropriate subdivision, use, and development.
  - (c) the protection of areas of significant indigenous vegetation and significant habitats of indigenous fauna.
  - (d) the maintenance and enhancement of public access to and along the coastal marine area, lakes and rivers.
  - (e) the relationship of Maori and their culture and traditions with their ancestral lands, water, sites, wahi tapu, and other taonga. (f) the protection of historic heritage from inappropriate subdivision, use, and development.
  - (g) the protection of recognised
    - customary activities. I consider the proposal meets Section 6 of the Act.

**Section 7 (Other Matters)**

- have particular regard to the following:
  - (a) kaitiakitanga.
  - (aa) the ethic of stewardship.
  - (b) the efficient use and development of natural and physical resources. (ba) the efficiency of the end use of energy.
    - (c) the maintenance and enhancement of amenity values.
    - (d) intrinsic values of ecosystems.
  - (f) maintenance and enhancement of the quality of the environment.
  - (g) any finite characteristics of natural and physical resources.
  - (h) the protection of the habitat of trout and salmon.
  - (i) the effects of climate change.
  - (j) ) the benefits to be derived from the use and development of renewable energy.
  - I consider the proposal meets the Section 7 of the Act.

**Section 8 (Treaty of Waitangi)**

- take into account the principles of the Treaty
  - of Waitangi I consider the proposal meets Section 8 of the Act.

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**WATER CONSERVATION ORDERS**

- The activity is located within an area where the \_\_\_\_\_ Water Conservation Order applies.
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**Attachments**

- Irrigation area
- Current consent