

21 August 2015



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Central Plains Water Trust
Buddle Findlay
PO Box 9424
Tower Junction
Christchurch 8149

Customer Number: EC107911

Dear Sir/Madam

Transfer of Resource Consent From:

Name: Lynton Irrigation Limited **to** Central Plains Water Trust.

Consent Number: CRC051802.4 **to** CRC161091

Environment Canterbury has completed the request to update the name(s) on the above resource consent authorising:

take and use water at Rakai River, Steeles Road and Rakaia Terrace Road, TE PIRITA.

Attached is your new consent document. Please read it carefully so that you understand what you need to do when using your consent.

Important information regarding your consent is on our website:

- For your consent document - www.ecan.govt.nz/yourconsent.pdf
- For monitoring your consent - www.ecan.govt.nz/monitoringconsent.pdf

The cost of monitoring your consent will be charged to you.

For all queries please contact our Customer Services Section by telephoning 0800 324 636 or via email ecinfo@ecan.govt.nz quoting **CRC161091**.

Yours sincerely

A handwritten signature in blue ink, appearing to read "M. Watts", is positioned above the printed name.

Michaela Watts
Business Support Admin

Our Ref: CRC161091
Contact: Customer Services

CC Address:

Lynton Irrigation Limited
7B Sophia Street
Timaru 7910

RESOURCE CONSENT CRC161091

Pursuant to Section 104 of the Resource Management Act 1991

The Canterbury Regional Council (known as Environment Canterbury)

GRANTS TO: Central Plains Water Trust

A WATER PERMIT: take and use water

TRANSFER DATE: 18 Aug 2015

EXPIRY DATE: 02 Aug 2040

LOCATION: Rakai River, Steeles Road and Rakaia Terrace Road, TE
PIRITA

SUBJECT TO THE FOLLOWING CONDITIONS:

- 1 Water shall only be taken from Early's Intake water race, at or about map reference NZMS 260 L36:154-314, as shown on Figure 1 point G attached to this consent, at a rate not exceeding 560 litres per second.
- 2 Water shall only be taken when:
 - a. water is being diverted in accordance with resource consent CRC052056; or
 - b. in accordance with the following minimum flow condition:
 - i. The following minimum flow will apply to the abstraction of 490.5 L/s of Band 4 water from the diversion:
Whenever the flow (expressed in cubic metres per second) in the Rakaia River, as estimated by the Canterbury Regional Council from measurements at either the gorge recorder site (at or about map reference NZMS 260 K35:015-424) or the recorder site at Fighting Hill (at or about map reference NZMS 260 K35:997-437) falls below the following flows, the taking of water in terms of this permit shall cease:
 - ii. The following sharing restriction shall apply to the abstraction of Band 4 water
Whenever the flow (expressed in cubic metres per second) in the Rakaia River, as estimated by the Canterbury Regional Council from measurements at either the gorge recorder site (at or about map reference NZMS 260 K35:015-424) or the recorder site at Fighting Hill (at or about map reference NZMS 260 K35:997-437) falls below the flows shown on the horizontal axis of the annexed Graph CRC052056A, then the rate of abstraction permitted in terms of this permit shall not exceed that shown as corresponding on the vertical axis of the annexed Graph CRC052056A.

Month	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Flow	150.5	134.5	131.5	123.5	121.5	122.5	117.5	118.5	116.5	132.5	155.5	165.5

- iii. The following minimum flow will apply to the abstraction of 69.5 L/s of Band 5 water from the diversion:

Whenever the flow (expressed in cubic metres per second) in the Rakaia River, as estimated by the Canterbury Regional Council from measurements at either the gorge recorder site (at or about map reference NZMS 260 K35:015-424) or the recorder site at Fighting Hill (at or about map reference NZMS 260 K35:997-437) falls below the following flows, the taking of water in terms of this permit shall cease:

Month	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Flow	184.8	168.8	165.8	157.8	155.8	156.8	151.8	152.8	150.8	166.8	189.8	199.8

- iv. The following sharing restriction shall apply to the abstraction of Band 5 water:

Whenever the flow (expressed in cubic metres per second) in the Rakaia River, as estimated by the Canterbury Regional Council from measurements at either the gorge recorder site (at or about map reference NZMS 260 K35:015-424) or the recorder site at Fighting Hill (at or about map reference NZMS 260 K35:997-437) falls below the flows shown on the horizontal axis of the annexed Graph CRC052056B, then the rate of abstraction permitted in terms of this permit shall not exceed that shown as corresponding on the vertical axis of the annexed Graph CRC052056B.

- v. PROVIDED THAT Whenever the Canterbury Regional Council, in consultation with a Water Users Group involving two or more consent holders who have determined upon a water sharing regime which complies with the National Water Conservation (Rakaia River) Order 1988, and
- All consent holders in the Water User Group are recording their rate of water abstraction by tamper-proof electronic recording systems such that the abstraction rate of water is measured at least once every 15 minutes, and a record is made either on site or at a remote location via telemetry of the recorded abstraction rate; and
 - The recorded data shall not be changed or deleted by any person, unless twelve months have passed since the date of recording; and
 - The measuring and recording devices shall be available for inspection at all times by the Canterbury Regional Council subject to providing adequate protection against vandalism which may require the consent holder's assistance on site to unlock or remove barriers.
 - All data from the recording devices shall be provided to the Canterbury Regional Council on request.
 - Four months after the commencement of the Water User Group sharing and during every second year of Water User Group sharing thereafter, the consent holder shall provide a certificate to the Canterbury Regional Council Attention: RMA Compliance and Enforcement Manager, signed by a suitably qualified person certifying the accuracy of the measuring and recording devices;

then the taking of water in accordance with that determination shall be deemed to be in compliance with all parts of condition 2.b. of this consent.

- 3 Notwithstanding condition 2., Stored Water (as defined in the amended National Water

Conservation (Rakaia River) Order 1988) may be taken or diverted provided that:

- a. The consent holder is listed on the Register (as defined in the amended National Water Conservation (Rakaia River) Order 1988).
- b. The consent holder complies with any conditions imposed as a condition to being listed on the Register.
- c. No Stored Water shall be taken, unless the consent holder has requested the release of Stored Water and the holder of the resource consents for the Coleridge Hydroelectric Power Station has subsequently released that Stored Water.
- d. The total taking or diversion of Stored Water does not exceed the maximum abstraction rate for that consent holder recorded on the Register.
- e. The total abstraction of water (including Stored Water) does not exceed that set out in conditions .1 and 13..

4 Water shall only be used for the irrigation of crops and pasture for grazing any livestock described in the application CRC051802 on the area of land shown as “Existing irrigation area”, and for the irrigation of crops and pasture as described in consent application CRC020671.2 on the area of land shown as “Additional irrigation area” in the Plan CRC051802.2. .

5 The taking of water in terms of this permit shall cease for a period of up to 48 hours on notice from the Canterbury Regional Council, to allow measurement of the flow in the Rakaia River.

- 6
- a. The consent holder shall, prior to the taking of any water under this consent, install, or provide for the installation of:
 - i. An easily accessible straight pipe, of a length at least 15 times the diameter of the pipe, and measuring device such as a water meter with pulse output which will measure the rate and volume at which water is taken to 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 that will ensure the total take of water is measured; and
 - ii. A tamper-proof electronic recording device such as a data logger with the capacity to hold at least one season’s data of water taken as specified in clause c.i. and which is telemetered, as specified in clause c.ii.
 - b.
 - i. The measuring device shall be used to continuously measure the volume of water abstracted in accordance with condition 1.; and
 - ii. The recording device installed in accordance with clause a.ii. shall be used to continuously record the volume abstracted and hours of operation. Each pulse or event from the measuring device shall be time stamped in the recording device at no greater than 15 minute intervals.
 - c. While complying with clause a.i., the recording device shall:
 - i. store the entire season’s data in each 12 month period from 1 July to 30 June in the following year, which the consent holder shall then download and store in a commonly used format and provide to the Canterbury Regional Council upon request in a form and to a standard specified in writing by the Canterbury Regional Council; and
 - ii. shall be connected to a telemetry system which collects and stores all of the data continuously with a independent network provider who will make that data available in a commonly used format at all times to the Canterbury Regional Council and the consent holder.

- d. No data in the recording device shall be deliberately changed or deleted.
 - e. The measuring and recording devices shall be accessible to the Canterbury Regional Council at all times for inspection and/or data retrieval.
 - f. The measuring and recording devices shall be installed and maintained throughout the duration of the consent in accordance with the manufacturer's instructions, if any.
 - g. Within one month of the installation of the measuring or recording device or any subsequent replacement measuring or recording device, and at five-yearly intervals thereafter, and at any time when requested by the Canterbury Regional Council, the consent holder shall provide a certificate to the Canterbury Regional Council, to the attention of the RMA Compliance & Enforcement Section, signed by a suitably qualified person certifying:
 - i. the accuracy of the measuring and recording devices installed in accordance with clause a; and
 - ii. that data from the recording device can be readily accessed and/or retrieved in accordance with clauses c and d.
 - h. All practicable measures shall be taken to ensure that the water measuring and recording devices are fully functional at all times.
- 7 Water shall not be used to irrigate any area of land shown in the attached plan "Irrigation Area for consent CRC051802" at the same time that another consent to take and use water for irrigation of the same area of land is being exercised.
- 8 The consent holder shall take all practicable steps to:
- a. ensure that the volume of water used for irrigation does not exceed that required for the soil to reach field capacity; and
 - b. avoid leakage from pipes and structures; and
 - c. avoid the use of water onto non-productive land such as impermeable surfaces and river or stream riparian strips.
- 9
- a. The irrigation system used in association with taking water from the infiltration trench shall not be used to distribute any added contaminant, unless a reduced pressure zone backflow preventer is installed within the pump outlet plumbing or within the mainline to prevent the backflow of water into the bore.
 - b. The backflow preventer shall be tested within one month of its installation and annually thereafter by a suitably qualified person. A test report shall be provided to the Canterbury Regional Council within two weeks of each inspection.
- 10 The Canterbury Regional Council may, once per year, on any of the last five working days of May or November, serve notice of its intention to review the conditions of this consent for the purposes of dealing with any adverse effect on the environment which may arise from the exercise of the consent and which it is appropriate to deal with at a later stage.
- 11 The lapsing date for the purposes of section 125 shall be 30 September 2010.
- 12 Water shall not be used to irrigate any area of land shown as "Additional irrigation area" in the attached Plan CRC051802.2 concurrently with consent CRC020671.4, except that provided for in Condition 13..
- 13 In the event of both consents (CRC051802.2 and CRC020671.4) being exercised concurrently on the land shown as "Additional irrigation area", the combined volume of water used on this land shall not exceed 1,263,800 cubic metres between the 1st July and the following 30th June.

Metering Conditions for Surface Water Use on the Area Shown as “Additional Irrigation Area” on the Plan CRC051802.2

- 15 The consent holder shall, before the first exercise of this consent, install an easily accessible straight pipe(s), with no fittings or obstructions that may create turbulent flow conditions, of a length at least 15 times the diameter of the pipe, as part of the pump outlet plumbing or within the mainline distribution system.
- 16 The consent holder shall before the first exercise of this consent:
- a.
 - i. 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 the volume of water taken to 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; and
 - ii. install a tamper-proof electronic recording device such as a data logger(s) that shall time stamp a pulse from the flow meter at least once every 60 minutes, and have the capacity to hold at least one season’s data of water taken as specified in clauses b.i. and b.ii., or which is telemetered, as specified in clause b.
 - b. The recording device(s) shall:
 - i. be set to wrap the data from the measuring device(s) such that the oldest data will be automatically overwritten by the newest data (i.e. cyclic recording); or
 - ii. store the entire season’s data in each 12 month period from 1 July to 30 June in the following year, which the consent holder shall then download and store in a commonly used format and provide to the Canterbury Regional Council upon request in a form and to a standard specified in writing by the Canterbury Regional Council; or
 - iii. shall be connected to a telemetry system which collects and stores all of the data continuously with an independent network provider who will make that data available in a commonly used format at all times to the Canterbury Regional Council and the consent holder. No data in the recording device(s) shall be deliberately changed or deleted.
 - c. The water meter and recording device(s) shall be accessible to the Canterbury Regional Council at all times for inspection and/or data retrieval.
 - d. The water meter and recording device(s) shall be installed and maintained throughout the duration of the consent in accordance with the manufacturer’s instructions.
 - e. All practicable measures shall be taken to ensure that the water meter and recording device(s) are fully functional at all times
- 17 Within one month of the installation of the measuring or recording device(s), or any subsequent replacement measuring or recording device(s), and at five-yearly intervals thereafter, and at any time when requested by the Canterbury Regional Council, the consent holder shall provide a certificate to the Canterbury Regional Council, attention: RMA Compliance and Enforcement Manager, signed by a suitably qualified person certifying, and demonstrating by means of a clear diagram, that:
- a. The measuring and recording device(s) has been installed in accordance with the manufacturers specifications; and
 - b. Data from the recording device(s) can be readily accessed and/or retrieved in

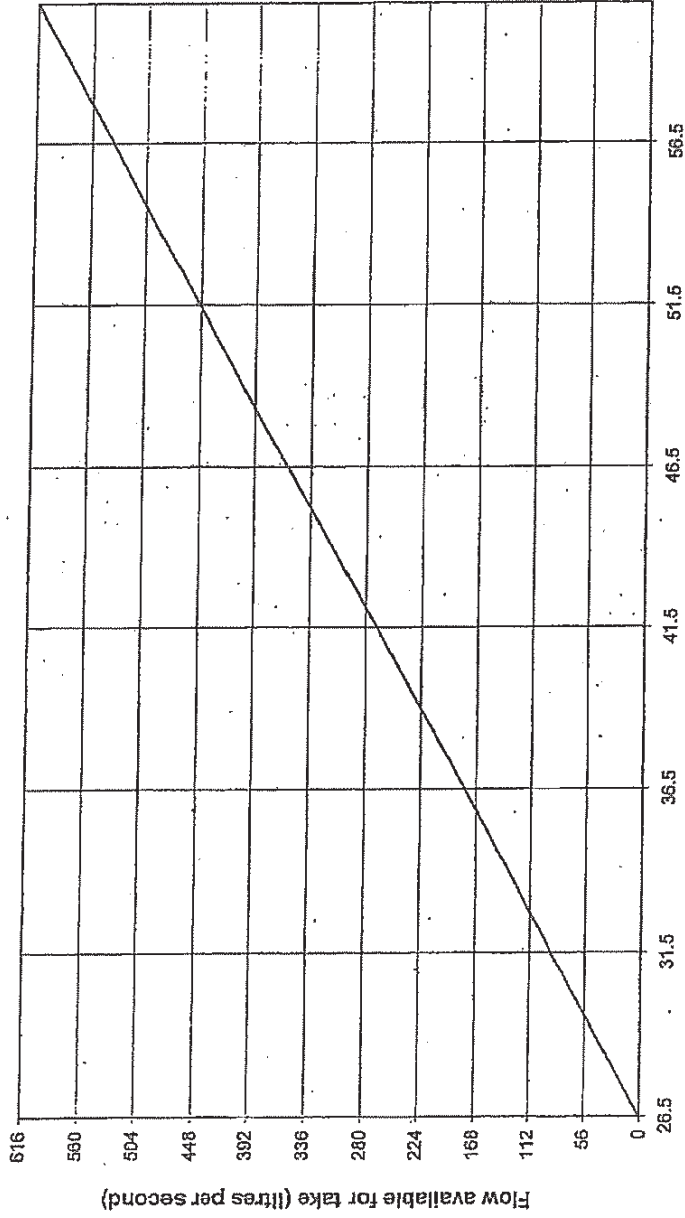
accordance with clauses b. and c. of condition 16.

- 18 The Canterbury Regional Council, Attn: RMA Compliance and Enforcement Manager, shall be informed immediately on first exercise of this consent by the consent holder.

Issued at Christchurch on 21 August 2015

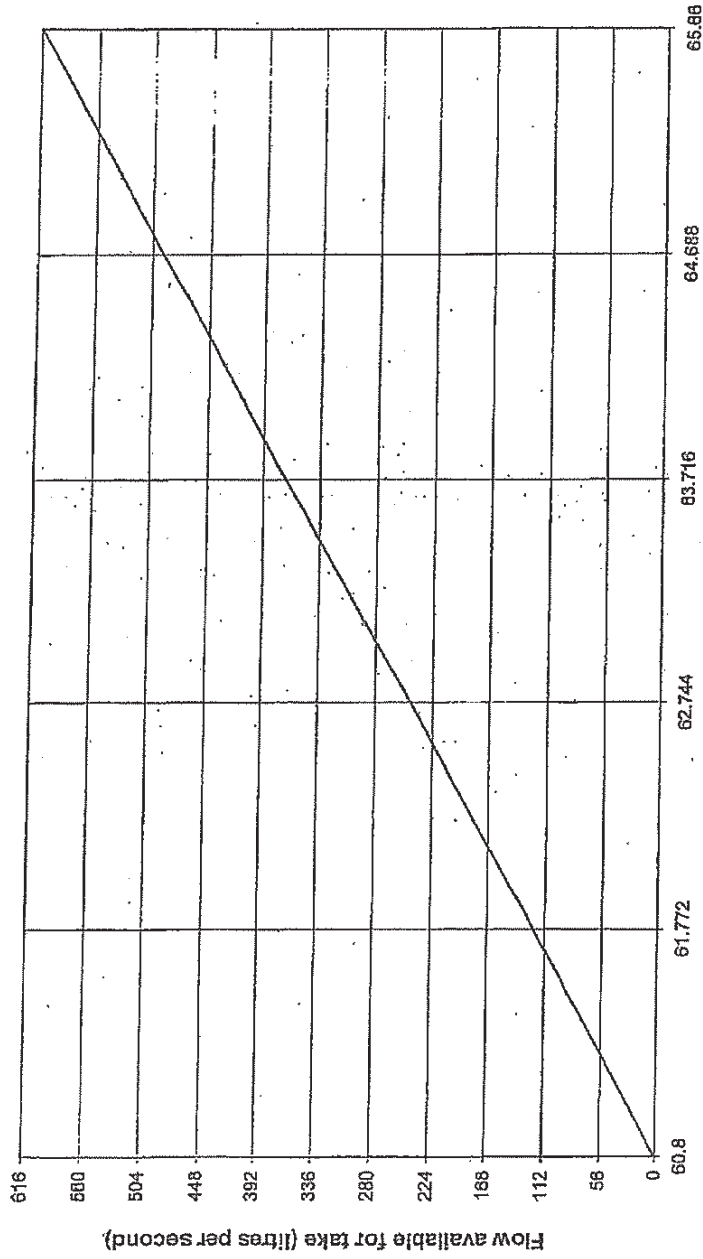
Canterbury Regional Council

**Rakala River Allocation
CRC052056A
(Band 4)**



Flow in Rakala River at the Gorge above the monthly minimum flow specified in the National Water Conservation (Rakala River) Order 1988 (cubic metres per second)

**Rakaia River Allocation
CRC052056B
(Band 5)**



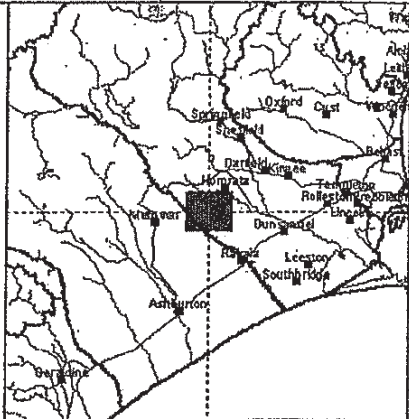
**Flow in Rakaia River at the Gorge above the monthly minimum flow specified in the National Water Conservation (Rakaia River) Order 1988
(cubic metres per second)**

Plan CRC051802.2

Produced by: doni
Date: 27/09/2007 8:24:45 a.m.

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This plot was created using information from Environment Canterbury's records. It is supplied in good faith, and every effort has been made to insure the accuracy of the information shown. However its accuracy and completeness is not guaranteed. If the information shown is relied on in support of a resource consent application it should be verified independently.



TA BOUNDARIES

LAND PARCELS

Parcel

WELLS (READING COUNT) (READING_COUNT)

- 0
- 1 - 50
- > 50

Irrigable are = 1283 hectares

