Record Number: CRC150942
Record Type: Full Transfer
Permit Type: Water Permit

Record Holder: Band 4 Water Limited

Record Status: Issued - Active File Number: CRC150942
Previous Record(s): CRC990980.3

Next Record(s):

Location: Rakaia Terrace Road, GLENROY

**Description:** To take and use water.



**Customer Services** 

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## **Key Dates:**

 Event
 Date

 Transfer Date
 09 Jul 2014

 Given Effect To
 29 Feb 2000

 Lapses
 28 Feb 2002

 Expires
 28 Jan 2035

## Workflow (Only shows if workflow has open tasks):

Task Name Task Status Task Status Date

## **Conditions:**

No	Toyt					
	Text					
1	<ul> <li>Water shall only be taken from the Rakaia River, at or about map reference NZMS 260 L36: 138-329.</li> </ul>					
	b.	The rate at which water is taken from the Rakaia River shall not exceed 140 litres per second, with a volume not exceeding 12,096 cubic metres per day.				
	C	Water shall only be used for irrigation of crops and pasture (including milking				
	0.	dairy pasture), on up to 750 hectares of land at any one time, within the 985				
		hectares of land shaded in attached plan CRC051415.				
2 A fish screen shall be operated and maintained on the intake to ensure that fish are						
	from passing into the intake.					
3	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.					
		le:				
	Month					
	JAN	127.8				
	FEB	111.8				
	MAR	108.8				
	APR	100.8				
	MAY	98.8				
	JUN	99.8				
	JUL	94.8				

	AUG		95.8				
	SEP		93.8	-			
	OCT			-			
			109.8	-			
	NOV		132.8	-			
	DEC		142.8	_			
4	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 vertical axis of the annexed graph, then the rates of abstraction permitted in terms of this permit shall not exceed						
5	those shown as corresponding in the horizontal axis of the annexed graph.  Provided that whenever the Canterbury Regional Council, in consultation with the Water Users Group representing all water users who are subject to the same minimum flow restriction, has						
	determined upon a water sharing regime which restricts abstraction from the Rakaia River is limited to half the flow above the minimum flow specified in condition 4., then the taking of water in accordance with that determination shall be deemed to be in compliance with this condition.						
6	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.						
7	<ul> <li>Notwithstanding conditions 3., 4. and 5., Stored Water (as defined in the amended National Water Conservation (Rakaia River) Order 1988) may be taken or diverted provided that: <ul> <li>a. The consent holder is listed on the Register (as defined in the amended National Water Conservation (Rakaia River) Order 1988).</li> <li>b. The consent holder complies with any conditions imposed as a condition to being listed on the Register.</li> <li>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.</li> <li>d. The total taking or diversion of Stored Water does not exceed the maximum abstraction rate for that consent holder recorded on the Register.</li> <li>e. The total abstraction of water (including Stored Water) does not exceed that set out in condition 1.</li> </ul> </li> </ul>						
8	When requested in writing by the Canterbury Regional Council, the rate at which water is taken shall be measured to within an accuracy of 10 percent, and the measurement and the hours during which water is taken shall be recorded. A copy of the records shall be provided to the Canterbury Regional Council in accordance with the request.						
9	The Canterbury Regional Council may, on the last working day of June each year, serve notice of its intention to review the conditions of this consent for the purposes of:  a. 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; or  b. Complying with the requirements of a relevant rule in an operative regional plan.						
10	The Canterbury Regional Council may, on the last working day of June 2005, 2010, 2015, 2020 2025 and 2030, serve notice of its intention to review the conditions of this consent for the purposes of:  a. Altering the rate of abstraction to correspond to the actual rate of water usage; and/or						
				v restrictions in condition 3. to reflect any changes ner abstractors from the river.			

- 11 Charges, set in accordance with section 36 of the Resource Management Act 1991, shall be paid to the Regional Council for the carrying out of its functions in relation to the administration, monitoring and supervision of resource consents and for the carrying out of its functions under section 35 of the Act.
- a. For each forthcoming year an approved method shall be used to derive a nitrate-nitrogen budget for the subject area:
  - With the exception of the first year that this consent is exercised, the modelled leaching rate of nitrate-nitrogen to the soil below the plant root zone for the subject land over the preceding year will be determined.
  - ii. Where the nitrate nitrogen exceeds eight grams per cubic metre, best management practices shall be implemented to reduce the loss of nitrate-nitrogen in the soil below the ground root zone.
  - iii. The nitrate-nitrogen concentration in the soil below the ground root zone should not exceed 16 grams per cubic metre. If the nitrate-nitrogen in the soil below the ground root zone does exceed 16 grams per cubic meters of nitrate-nitrogen, the concentration shall be reduced to below 16 grams per cubic meters within three years.
  - iv. A record of the calculation, including information used in the calculation, undertaken in accordance with condition 12.a., shall be:
    - a. Prepared by 31 August each year;
    - b. Certified as an accurate record by a person who can demonstrate competency in agricultural management;
    - c. maintained for the property for the duration of the consent; and
    - d. made available to the Canterbury Regional Council on request.
  - b. For the purpose of this condition the subject land means that area that is actually irrigated.
  - c. The consent holder shall each year implement, to the greatest extent practicable, the farming practices assumed for the purposes of preparing the nitrogen budget for that year.
  - d. Prior to or at the conclusion of each irrigation season a groundwater sample is to be provided to the consent authority from shallowest bore on the property to which this consent applies, and analyzed for nitrate-nitrogen. The bores from which these samples are taken must have ceased pumping for at least two days prior to sampling. Sampling techniques shall accord with the procedures employed or approved by the consent authority at the time that the relevant sample is taken.
  - e. For the purposes of this condition an 'approved method' is:
    - i. 'Overseer' (AgResearch); or
    - ii. The Soil Plant Atmosphere System Model (SPASMO HortResearch); or
    - iii. Such other method as may be approved following either an application to change this condition or a review undertaken by the Canterbury Regional Council.
- The Canterbury Regional Council may once per year, on any of the last five working days of June or October serve notice of its intention to review the conditions of consent for the purpose of:
  - a. Dealing with any adverse effect on the environment, which may arise from the exercise of this consent, which was not foreseen at the time of its grant and which therefore is more appropriate to deal with at a later stage.
  - b. Reviewing the Approved Methodology in Condition 12. for determining nutrient-nitrate budget for the subject land.

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