

## WATER DIVERSION AND TAKE CONDITIONS

### CRC073114 and CRC073115 (Option 2)

1. Consent is granted for a term expiring on 30<sup>th</sup> April 2025.
2. Water shall only be diverted from the Ahuriri River, at or about map reference NZMS 260 H39:547-285, at a maximum rate of 950l/s.
3. Water for irrigation shall only be taken between 1 September and the following 30 April and only in accordance with the maximum rate, daily volume (being from 12.01am to 11.59pm) and annual volume (measured between 1 July and the following 30 June) set out in Table A.

**Table A – Maximum Rates & Volumes**

Year	Maximum rate of abstraction (litres / second)	Maximum Daily Volume (cubic metres / day)	Maximum Annual Volume (cubic metres / year)
1 September 2009 to 30 April 2010	750 l/s	64,530 m <sup>3</sup> /day	4,074,900 m <sup>3</sup> /annum
1 September 2010 to 30 April 2011	750 l/s	64,530 m <sup>3</sup> /day	6,532,500 m <sup>3</sup> /annum
1 September 2011 to 30 April 2012	750 l/s	64,530 m <sup>3</sup> /day	6,532,500 m <sup>3</sup> /annum
1 September 2012 to 30 April 2013	750 l/s	64,530 m <sup>3</sup> /day	6,532,500 m <sup>3</sup> /annum
1 September 2013 to 30 April 2014 and every year thereafter	750 l/s	64,530 m <sup>3</sup> /day	6,532,500 m <sup>3</sup> /annum

4. Water allocated in Table A of Condition 3 shall be used only for the spray irrigation of crops and pasture and for the grazing stock (including milking dairy cows) to irrigate 1,100 hectares within a command area of 1,200 hectares on the area of land shown on attached Plan A at or about NZMS 260 H39:615-276.
5. Water for stockwater supply shall be taken between 1 July and the following 30 June and only in accordance with a maximum rate of 15 litres per second, maximum daily volume of 270 cubic metres per day (being from 12.01am to 11.59pm), and a maximum annual volume of 67,500 cubic metres per annum (measured between 1 July and the following 30 June).
6. The taking of water in terms of this consent shall cease for a period required by any owners and/or operators of the Waitaki Power Scheme, where the owners and/or operators consider it necessary to undertake maintenance on, to ensure the structural integrity and safety of, or to avoid risk or compromise to the operation of, the Waitaki Power Scheme.

*Advice Note:*

*Any transfer or variation of this consent or its conditions that alters the volume or location of the take (or any replacement application) is likely to require the approval from the holder/s of the consents to operate the Waitaki Power Scheme.*

*Advice Note:*

*The Waitaki Power Scheme means the works including hydraulic control structures, dams, canals, water diversions, penstocks, spill weirs, spill gates, bypass valves, sluice gates, power stations and generating plant, associated ancillary land and structures and resource consents and other rights held by operator/s to utilise the waters and tributary inflows of Lakes Tekapo, George Scott, Pukaki, Ohau, Ruataniwha, Benmore, Aviemore and Waitaki to generate electricity.*

**Metering**

7. The consent holder shall, before the first exercise of this consent:
  - a. (i) install a water meter(s) that has an international accreditation or an equivalent New Zealand calibration endorsement suitable for use with an electronic recording device, from which the rate and the volume of water taken can be determined to within an accuracy of plus or minus five percent at a location(s) that will ensure the total take of water from the Ahuriri River is measured; and
  - (ii) install a tamper-proof electronic recording device such as a data logger that shall record (or log) the flow totals every 15 minutes and have the capacity to hold at least one season's (as specified in conditions (3) and (4(a))) data of water taken as specified in clause (b) (i), or which is telemetered, as specified in clause (b)(ii).
  - b. The water meter and recording device(s) shall 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); and shall:
    - (i) store the entire season's data in each 12 month period from 1 July to 30 June in the following year, which shall be downloaded and stored in a commonly used format and provided to the Canterbury Regional Council upon request in a form and to a standard specified in writing by the Canterbury Regional Council; or
    - (ii) 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 measuring device shall be installed at a site likely to retain a stable rating (i.e. a man-made channel, concrete, steel or fibreglass pipe). Installation shall be in accordance with ISO 1100/1-1981 or equivalent and be undertaken by a suitably qualified person.
  
8. The water meter and recording device(s) shall be accessible to the Canterbury Regional Council at all times for inspection and/or data retrieval.

9. 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.
10. All practicable measures shall be taken to ensure that the water meter and recording device(s) are at all times fully functional and have an accuracy standard of  $\pm 5\%$ .
11. The consent holder shall, within one month of any water meter and recording device(s) being installed, or within one month of any water meter and/or recording device(s) being replaced, and at five-yearly intervals thereafter, and at any time when requested by the Canterbury Regional Council, 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 water meter and recording device(s) has been installed in accordance with the manufacturers specifications; and
  - (b) data from the recording device can be readily accessed and/or retrieved in accordance with conditions 7 and 8.
12. The water allocated for irrigation and stockwater in conditions 4 and 5 will be metered, recorded and reported separately to the Canterbury Regional Council in accordance with conditions 7, 8, 9, 10 and 11.
13. The Canterbury Regional Council (Attention: RMA Compliance and Enforcement Manager) shall be informed immediately on first exercise of this consent by the consent holder.