

Details for CRC905321.7

Record number	CRC905321.7	Client name	Meridian Energy Limited
Consent location	Tekapo Twizel Road (sh81), LAKE PUKAKI	Status	Issued - s124 Continuance
To	To change the conditions of CRC905321.3 - to dam Pukaki River to control and operate Lake Pukaki between the levels of 518.00 and 532.50 metres (msl) at or about map reference NZMS 260 H38:820-649 (Lake Pukaki Control Structure)		
Commencement date	01 Feb 1991		
Date this record number was issued	13 Sep 2012		
Permit type	Water Permit (s14)		
Record type	Change in Conditions		
Expiry date	01 Feb 2026		

Please note there has been a change to how we represent the date fields. The 'Date this record number was issued' is the date this version of the consent was issued. The 'Commencement date' is when the original version of this consent was issued as per [s116 of the Resource Management Act 1991](#).

- **1** This right is subject to the Conditions 1,2,3,4,5,6,7,8,9 as per attached schedule.
- **2** The Grantee shall exercise this right in conjunction with all other rights which the Grantee holds in connection with the generation of electricity within the Waitaki River system, in such a manner as to minimise, as far as practicable, any adverse effects of the exercise of the rights on the Waitaki River system.
- **3** The Grantee shall measure and record the lake water levels, related to mean sea level (Lyttelton datum), at a frequency not less than every 60 minutes, to the satisfaction of the Water Resources Manager, Canterbury Regional Council, and the records supplied to the Council annually.
- **4**
 - a. The consent holder shall ensure that the following dam safety reviews of the Lake Pukaki Control Structure are undertaken, and shall be carried out as a minimum in accordance with the New Zealand Society of Large Dam's Dam Safety Guidelines, dated November 2000, or subsequent editions.
 - i. A Comprehensive Safety Review, to be carried out five yearly, by independent, appropriately qualified personnel.
 - ii. A Civil Review, to be carried out annually.
 - b. Reports detailing the findings of each review shall be provided to Canterbury Regional Council as detailed below. The reports shall include comment on any specific issues pertaining to the hydraulic safety of the structure.
 - i. A report detailing the findings of each Comprehensive Safety Review shall be provided to Canterbury Regional Council within two months of the

completion of each review.

ii. A report detailing the findings of each Civil Review shall be provided to Canterbury Regional Council by 30 September each year for the review ended 30 June in the same year.

- **5** The Grantee shall exercise this right, in relation to the Design Flood Level, Maximum Control Level, Minimum Control Level and Extreme Minimum Control Level, in accordance with the provisions contained in "Waitaki Power Stations, Appendix A, Extracts of Waitaki Operating Rules (9 November 1990) as modified by an order pursuant to section 122 of the Electricity Industry Act 2010" (attached) except for Lake Pukaki the Maximum Control Level between September and April (inclusive) shall be 532.5m.
- **6** The Grantee shall manage and operate spill flows in accordance with the provisions contained in "Waitaki Power Stations, Appendix A, Extracts of Waitaki Operating Rules (9 November 1990) as modified by an order pursuant to section 122 of the Electricity Industry Act 2010" (attached).
- **7** The Grantee shall release the following flow, as measured immediately below the Lake Pukaki Control Structure, into the Pukaki River each year for the recreational purposes represented by the New Zealand Canoeing Association, at the specified dates and times unless the New Zealand Canoeing Association Incorporated does not require the release:
 - i. Flow on one weekend between 1 November and 31 March following: The flow shall be 140 cumecs for at least four hours continuously between 10 am and 4 pm on each day of the weekend. PROVIDED THAT if the Grantee advises the Canterbury Regional Council at least 14 days prior to the event that hydraulic storage conditions do not enable the flow requirements to be met, then the flow may be released and the scheduled flow release shall either be rescheduled to an alternative date or cancelled, as determined by the Water Resources, Manager, Canterbury Regional Council, after discussion with the Grantee and the New Zealand Canoeing Association Incorporated.

NOTE 1: The specified dates will be determined by the Water Resources Manager, Canterbury Regional Council, before 30 June each year after discussion with the Grantee and the New Zealand Canoeing Association Incorporated.

- **9** The consent holder shall fund a three year study of *Isolepis basilaris* on the Tasman River Delta around its confluence with Lake Pukaki. This study shall be commenced within 12 months of giving effect to the Maximum Control Level of 532.5m in the months between September to April (inclusive). The results of the study shall be supplied to the Canterbury Regional Council (Attention: Environmental Quality and Hazards Manager) and to the Canterbury Regional Council (Attention: Compliance and Enforcement Manager) within six months following its completion. This study shall:
 - a. Be carried out by a suitably qualified person,
 - b. Establish the existing distribution and abundance of *I. basilaris*, and;
 - c. Improve scientific understanding of how water level fluctuations and other factors influence the abundance of *I. basilaris*.

- **10** Should the results of the study identified in condition (8) find that the increase in MCL to 532.5m during the months between September to April (inclusive) has caused a significant adverse effect on *Isolepis basilaris*, the consent holder shall, within six months of receiving the results of the study, provide a written management plan to the Canterbury Regional Council (Attention: Compliance and Enforcement Manager) demonstrating how the adverse effect on *Isolepis basilaris* will be remedied or mitigated. This management plan shall include, but not necessarily be limited to, the following matters:
 - a. Desired outcomes;
 - b. Details of the measures to be carried out;
 - c. Ongoing monitoring and reporting of the outcomes of the measures; and
 - d. Proposed timeframes;
 - e. This management plan maybe amended at any time to better address the remedying or mitigating of adverse effects on *Isolepis basilaris*. Any amendments shall be submitted to the Canterbury Regional Council (Attention: Compliance and Enforcement Manager) within one month of the amendment being made.

The consent holder shall comply with the management plan detailed in clauses (a) to (e) of this condition.