

APPLICANT – WARNBRO ENTERPRISES LIMITED

CRC062308 – To take and use water from bore I40/0155, 1.2 metres diameter, and 3 metres deep and proposed bore I40/0635, 300 millimetres diameter and 10 metres deep, at a rate of 4.53 litres per second for community supply.

[] Location of take – groundwater.

Water may be taken only from bore I40/0155, 1.2 metres diameter and 3 metres deep, at or about map reference I40:1550-9272 and proposed bore I40/0635, 300 millimetres diameter and 10 metres deep, at or about map reference I40:1545-9258.

[] Rate of take and annual volume

Water may be taken at a rate not exceeding 4.53 litres per second, with a volume not exceeding 391.5 cubic metres per day, and 142,898 cubic metres between 1st July and the following 30th June.

[] Otekaieke River minimum flow

- (a) Whenever the flow, as determined by the Canterbury Regional Council, in the Otekaieke River above the weir recorder site, at or about map reference I41:141-880, falls below 200 litres per second the taking of water under this resource consent for essential use will not exceed 250 litres per person per day based on the daily population being supplied at the time.
- (b) When restrictions are in place under Condition [], the consent holder shall maintain daily population records.
- (c) These records shall be supplied to the Canterbury Regional Council on request.

[] Land use and area to be irrigated

The water taken in condition () shall only be used for community water supply, as described in the application

[] Straight length of pipe.

- (a) The consent holder shall, before the implementation of the consent, install an easily accessible straight pipe(s), with no fittings or obstructions on it, 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 for the purposes of enabling the Council to attach a water meter to check compliance with Condition ().
- (b) Clause (a) shall not apply where an electromagnetic water meter is installed pursuant to Condition () and certification of this is provided pursuant to Condition ().

[] Flow meter – pumped.

- (a) The consent holder shall, before the implementation of the consent:
 - (i) install a water meter(s) that has an international accreditation or 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 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 that shall record (or log) the flow totals every 15 minutes and have the capacity to hold at least one season's data of water taken as specified in clauses (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 provide to the Council in a form and to a standard specified in writing by the 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 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 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 at all times fully functional and have an accuracy standard of $\pm 5\%$.

[] Certification.

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 Council, the consent holder shall provide a certificate to the Council (Attention: RMA Compliance and Enforcement Manager), signed by a

suitably qualified person certifying, and demonstrating by means of a clear diagram, that:

- (a) each measuring and recording device(s) is installed in accordance with the manufacturers specifications; and
- (b) data from the recording device can be readily accessed and/or retrieved in accordance with the conditions above.

[] Efficient use of water

The consent holder shall take all practicable steps to avoid leakage from pipes and structures.

[] Review

The Canterbury Regional Council may, once per year, on any of the last 5 working days of June 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.

[] Lapsing date.

The lapsing date for the purposes of section 125 shall be between 5 years and 5 years three months, date set for each quarter.

[] A 35 year duration is requested.