

Applicants Proposed Condition Review – CRC173278

Applicant: Mr R A & Mrs D H McEwan

Recommended Conditions for Consent Application: CRC173278

Proposed Activity: Take and Use Groundwater

Site Location: Winslow Westerfield Road, Winslow

Proposed Consent Expiry: 12 December 2036

PLEASE NOTE: THIS IS NOT AUTHORISATION TO COMMENCE THE ACTIVITY

Prior to including proposed conditions in the officer report, I seek your endorsement of the following draft conditions.

Proposed Conditions:

1	Water may be taken only from bore K37/1598, 150 millimetres diameter, and 45 metres deep, at map reference Topo50 BY21:9224-3300, as shown on Plan CRC173278, which forms part of this consent.
2	Water may be taken at a rate not exceeding 12 litres per second, with a volume not exceeding 7,258 cubic metres in any period of seven consecutive days.
3	Water shall only be used for the irrigation of 27 hectares of crops and pasture on the area of land labelled "Irrigation Area" as shown on Plan CRC173278.
4	The consent holder shall, before 1 March 2017, 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.
5	The consent holder shall before 1 March 2017: 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)(iii).

	<p>b. The recording device(s) shall:</p> <ul style="list-style-type: none"> 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); and 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. <p>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.</p> <p>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.</p> <p>All practicable measures shall be taken to ensure that the water meter and recording device(s) are fully functional at all times.</p>
6	<p>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: Regional Manager, RMA Monitoring and Compliance, signed by a suitably qualified person certifying, and demonstrating by means of a clear diagram, that:</p> <ul style="list-style-type: none"> a. The measuring and recording device(s) has been installed in accordance with the manufacturer's 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 (5).
7	<p>Access to allow water level measurements to be taken in the bore(s) shall be established, and maintained, via a bung and socket with a minimum diameter of 20 millimetres installed in the bore casing or headworks.</p>
8	<p>If the irrigation system is used to distribute diluted effluent, fertiliser or added contaminants the consent holder shall ensure:</p> <ul style="list-style-type: none"> a. An effective backflow prevention device is installed and operated within the pump outlet plumbing or within the mainline to prevent the backflow of contaminants into the water source; and b. The backflow prevention device is tested at the time of installation and annually thereafter by a suitably qualified or certified person in

	<p>accordance with Canterbury Regional Council approved test methods for the device used; and</p> <p>c. The test report is provided to the Canterbury Regional Council Attention: Regional Manager, RMA Monitoring and Compliance, within two weeks of each inspection.</p> <p>Advice Note: This is not authorisation to discharge fertiliser or other contaminants to land, water, or air under section 15 of the Resource Management Act 1991.</p>
9	<p>The consent holder shall take all practicable steps to:</p> <p>a. Ensure that the volume of water used for irrigation does not exceed that required for the soil to reach field capacity; and</p> <p>b. Avoid leakage from pipes and structures; and</p> <p>c. Avoid the use of water onto non-productive land such as impermeable surfaces and river or stream riparian strips.</p>
10	<p>The Canterbury Regional Council may, on any of the last five working days of June each year, serve notice of its intention to review the conditions of this consent for the purpose 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.</p>

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0 0.15 0.3 0.45 0.6
Kilometres

Scale: 1:10,000 @A4

Map Created by Environment Canterbury on 28/11/2016 1:02:09 p.m.



Full Name(s)

I _____ have read and understood the conditions and confirm that I will be able to comply fully with these conditions. I also acknowledge that endorsing the above conditions is in no way written authorisation to commence the activity that is the subject of this application.

Signed: _____

Date: _____

Attachments:

Location Plan CRC173278