

## **Appendix A** – Current Resource Consents CRC169648 and CRC169646

**Record Number:** CRC169646  
**Record Type:** Full Transfer  
**Permit Type:** Land Use Consent (s9)  
**Record Holder:** Mr N J & Mrs L M Harris & Harakeke  
**Record Status:** Nominees Limited  
**File Number:** Issued - Inactive  
**Previous Record(s):** CRC169646  
**Next Record(s):** CRC156742  
**Location:**  
**Description:** 995 Domett Road, Cheviot  
 to use land for farming



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#### Key Dates:

Event	Date
Commencement Date	03 Jun 2016
Lapses	26 Feb 2018
Expires	26 Feb 2018

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

Task Name	Task Status	Task Status Date
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#### Conditions:

No	Text
1	The use of land for farming shall only be within the area shown on Plan CRC156742, which forms part of this consent.
2	<p>Prior to the first exercise of this consent, the consent holder shall prepare a Farm Environment Plan (FEP) in accordance with Appendix CRC156742, which forms part of this consent; and</p> <ol style="list-style-type: none"> <li>On farm practice shall be in accordance with the FEP at all times and the FEP shall be updated as necessary to reflect any changes in the farming operation over time; and</li> <li>A copy of the FEP shall be provided to the Canterbury Regional Council, Attention: RMA Monitoring and Compliance Manager on request.</li> </ol>
3	<p>The Farm Environment Plan (FEP) shall be audited:</p> <ol style="list-style-type: none"> <li>in accordance with Part C of Appendix CRC156742. A copy of the audit shall be provided to the Canterbury Regional Council, Attention: RMA Monitoring and Compliance Manager within two months of the audit being completed; and</li> <li>within two years of the first exercise of this consent, and subsequent audits shall be undertaken within the timeframes specified in Part C of Appendix CRC156742.</li> </ol>
4	<p>The farm shall be managed:</p> <ol style="list-style-type: none"> <li>to achieve and maintain a Farm Environment Plan audit grade, as assigned in accordance with Part C of Appendix CRC156742, of B grade at the minimum;</li> </ol>

	b. such that it is not assigned any C or D grades.
5	<p>The average annual amount of nitrogen loss to water calculated, on a four year rolling average basis and in accordance with Appendix CRC156742, shall not exceed X kg/ha, where X equals the average annual nitrogen loss to water calculated using the current version of Overseer when the original inputs are used. The original inputs are those which describe the proposed activity in the consent application, these inputs can be updated to reflect the current Overseer Best Practice Data Input Standards, but they must still describe the same activity.</p> <p>Advice note: The nutrient discharge allowance (NDA) of X equals 20 kg/ha when Overseer version 6.1.3 is used. To ensure a meaningful comparison, the Overseer version and data input method used to calculate the average annual amount of nitrogen loss needs to be the same as that used to calculate the NDA, so they will need to be updated together to reflect the current Overseer version and data input method.</p>
6	<p>The consent holder shall:</p> <ol style="list-style-type: none"> <li>Not apply fertiliser on land within 20 metres of any wetland or natural surface water bodies;</li> <li>Exclude stock from any water bodies within the property boundary;</li> <li>Ensure that tracks and laneway infrastructure are designed to minimise contaminant runoff into waterways;</li> <li>Ensure that Soil Olsen P levels do not exceed agronomic optimum levels (20-30);</li> <li>Ensure that riparian planting and fencing is in place and functioning along creeks, drains and gullies that may transport phosphorous to the main streams in the property; and</li> <li>Ensure that wetlands are in place and functioning at all locations downstream of any seepage areas identified to trap and treat phosphorous and nitrogen before it leaves the property.</li> </ol> <p><b>Advice Note:</b> 'Seepage areas' are those areas identified as an outflow of water under rainfall or irrigation, such as from terrace edges.</p>
7	<ol style="list-style-type: none"> <li>Detailed records shall be maintained of: <ol style="list-style-type: none"> <li>fertiliser application rates;</li> <li>location and crop type (including winter feed/forage crops);</li> <li>cultivation methods;</li> <li>stock units by reference to type and breed, and</li> <li>all other inputs to the Overseer, or equivalent, nutrient budgeting model; and</li> </ol> </li> <li>A copy of these records shall be provided to the Canterbury Regional Council, Attention: RMA Monitoring and Compliance Manager on request.</li> </ol>
8	Prior to 1 January 2017 the area shown in plan CRC156742, which forms part of this

	<p>consent, shall be subjected to either an approved:</p> <ul style="list-style-type: none"> <li>a. Industry Certification System;</li> <li>b. Catchment Agreement; or</li> <li>c. Irrigation Scheme Management Plan;</li> </ul> <p><b>Advice Note:</b> <i>The definitions for Clauses (i) –(iii) are as defined by the operative Hurunui and Waiau River Regional Plan (2013).</i></p>
9	<p>Good management practices shall be implemented to minimise the loss of nitrate-nitrogen to soil drainage water, and minimise the loss of sediment, phosphorus or nitrogen to surface water. Good management practices shall be specified in a Farm Environment Plan prepared in accordance with condition (2).</p> <p><b>Advice Note:</b> <i>Industry-agreed Good Management Practices relating to water quality, Canterbury Matrix of Good Management project April 2015.</i></p>
10	<p>The Canterbury Regional Council may, once per year, on any of the last five working days of May or November, serve notice of its intention to review the conditions of this consent for the purposes of :</p> <ul style="list-style-type: none"> <li>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; and</li> <li>b. ensuring that the provisions of Appendix CRC156742 relating to the FEP audit grading system and timeframes are still appropriate.</li> </ul>

**Record Number:** CRC169648  
**Record Type:** Full Transfer  
**Permit Type:** Water Permit (s14)  
**Record Holder:** Mr N J & Mrs L M Harris & Harakeke  
**Record Status:** Nominees Limited  
**File Number:** Issued - Active  
**Previous Record(s):** CRC169648  
**Next Record(s):** CRC142672  
**Location:**  
**Description:** Domett-Hurunui River Mouth Road,  
 DOMETT  
 To take and use water



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**Key Dates:**

Event	Date
Commencement Date	03 May 2016
Given Effect To	30 Mar 2013
Lapses	31 Mar 2013
Expires	26 Feb 2018

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

Task Name	Task Status	Task Status Date
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**Conditions:**

No	Text																																				
1	Water may be taken only from galleries N33/0431, 300 millimetres diameter, 50 metres long and 4 metres deep, at map reference NZMS 260 N33:24713-13856, N33/0432, 300 millimetres diameter, 50 metres long and 4 metres deep, at map reference NZMS 260 N33:2680-1433, N33/0433, 300 millimetres diameter, 50 metres long and 4 metres deep, at map reference NZMS 260 N33:27592-14449 and, N33/0434, 300 millimetres diameter, 50 metres long and 4 metres deep, at map reference NZMS 260 N33:28769-14113.																																				
2	Water may be taken at a combined rate not exceeding 206 litres per second, with a volume not exceeding 17,000 cubic metres per day, and 1,904,000 cubic metres between 1st July and the following 30th June.																																				
3	Water shall only be used for spray irrigation of crops and pasture, for grazing stock, excluding milking dairy cows, as described in the application, on the area of land shown in attached plan CRC142672.																																				
4	<div>a. The taking of water in terms of this permit shall cease whenever the mean flow for the 24 hour period ending at noon on any one day falls below the following flows:</div> <table><tr><td>Month</td><td>JAN</td><td>FEB</td><td>MAR</td><td>APR</td><td>MAY</td><td>JUN</td><td>JUL</td><td>AUG</td></tr><tr><td>Flow m³/s</td><td>15</td><td>15</td><td>15</td><td>15</td><td>12</td><td>12</td><td>12</td><td>12</td></tr></table> <div>b. Whenever the mean flow for the 24 hour period ending at noon on any one day falls below the following flows:</div> <table><tr><td>Month</td><td>JAN</td><td>FEB</td><td>MAR</td><td>APR</td><td>MAY</td><td>JUN</td><td>JUL</td><td>AUG</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>	Month	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	Flow m³/s	15	15	15	15	12	12	12	12	Month	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG									
Month	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG																													
Flow m³/s	15	15	15	15	12	12	12	12																													
Month	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG																													

	Flow m <sup>3</sup> /s	17.03	17.03	17.03	17.03	14.03	14.03	14.03	14.03
	<p>then the rate at which water is taken shall reduce to that shown on the attached graph.</p> <p>c. The flow referred to in conditions (4)(a) and (4)(b) shall be the flow estimated by the Canterbury Regional Council in the Hurunui River at State Highway One Bridge recorder site at or about NZMS 260 N33:177-124.</p> <p>d. Whenever the Canterbury Regional Council, in consultation with a Water User Committee representing water users who are subject to the same restrictions, has determined a water sharing regime that restricts the taking of water to that available to those consent holders who are members of the same Water User Committee above the minimum flow in condition 4(a), then the taking of water in accordance with that determination shall be deemed to be in compliance with (4)(b).</p>								
5	The consent holder shall, before the first exercise of this consent, 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.								
6	<p>The consent holder shall before the first exercise of this consent:</p> <p>a.</p> <ol style="list-style-type: none"> <li>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</li> <li>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 15 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).</li> </ol> <p>b. The recording device(s) shall:</p> <ol style="list-style-type: none"> <li>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</li> <li>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</li> <li>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.</li> </ol> <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>								

	e. All practicable measures shall be taken to ensure that the water meter and recording device(s) are fully functional at all times.
7	The Canterbury Regional Council, Attn: RMA Compliance and Enforcement Manager, shall be informed immediately on first exercise of this consent by the consent holder.
8	<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: RMA Compliance and Enforcement Manager, signed by a suitably qualified person certifying, and demonstrating by means of a clear diagram, that:</p> <ol style="list-style-type: none"> <li>The measuring and recording device(s) has been installed in accordance with the manufacturers specifications; and</li> <li>Data from the recording device(s) can be readily accessed and/or retrieved in accordance with clauses (b) and (c) of condition 6.</li> </ol>
9	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 Hurunui River flow.
10	<ol style="list-style-type: none"> <li>If the irrigation system used to distribute water taken in terms of this permit is used to distribute effluent, fertiliser or any other added contaminant, a backflow preventer manufactured in accordance with AS 2845.1 (1998) or the American Society of Sanitary Engineers standards shall be installed within the pump outlet plumbing or within the mainline, to prevent the backflow of water into the bore.</li> <li>The backflow preventer shall be tested to the standard set out in AS 2845.3 (1993) or an equivalent method within one month of its installation and annually thereafter by a suitably qualified person. A test report shall be provided to the Canterbury Regional Council, attention RMA Compliance and Enforcement Manager within two weeks of each inspection.</li> </ol>
11	<p>The consent holder shall take all practicable steps to:</p> <ol style="list-style-type: none"> <li>Ensure that the volume of water used for irrigation does not exceed that required for the soil to reach field capacity; and</li> <li>Avoid leakage from pipes and structures; and</li> <li>Avoid the use of water onto non-productive land such as impermeable surfaces and river or stream riparian strips.</li> </ol>
12	The Canterbury Regional Council may, once per year, on any of the last 5 working days of May or November, 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.
13	The lapsing date for the purposes of section 125 shall be 31 March 2013.

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