

Conditions for <u>discharge</u> permit CRC082271 – Haldon Station Limited					
Status of Consent:					
Catchment:					
A 35 year duration is sought					
No.	Cond. Code	CRC Proposed	UWAG Proposed	Comments	CRC comments
<b>Discharge</b>					
					<u>CRC comments:</u> It is my understanding to the applicants proposal discussed in their memorandum dated 18 October 2010 that the increase in water being diverted will also be discharged into the settling pond.
1a	DP01	Headrace	Water shall be discharged to Stony River at or about map reference NZMS 260 139:9725-4524 as shown on the attached plan CRC082271.  The discharge shall only be water diverted into the Haldon Station irrigation intake race under consent CRC082269 and shall contain no contaminants  The applicant shall make all reasonable efforts to ensure that water shall be discharged at a rate not exceeding 40 litres per second.	The rate of discharge cannot be readily controlled and may exceed these rates at times of higher River flow.  This discharge will not be necessary if the proposal to divert 100 l/s continuously through the irrigation scheme to maintain continuous flow into the lower Stony River	Holding off commenting on these until passed commissioners  <u>Agreed</u>
1b	DP01	Settling Pond	Water shall be discharged to Stony River at or about map reference NZMS 260 139:9204-4662 as shown on the attached plan CRC082271.  The discharge shall only be water and border-dyke bywash water from the Haldon Station irrigation scheme.  The applicant shall make all reasonable efforts to ensure that water shall be discharged at a rate not exceeding 300 litres per second.  <b>NOTE: If the discharge rate is limited to 150 l/s, the applicant will not be able to sustain the present minimum flow of 200 l/s at Hinch Bend during times of low flows.</b>	The rate of discharge cannot be readily controlled and may exceed these rates at times of higher River flow.  There is adequate waterway area in the discharge race to accommodate 300 l/s without causing environmental damage or scouring.	Holding off commenting on these until passed commissioners  <u>Agreed</u>  <u>CRC comments:</u> I note the initial discharge rate of 150 l/s was proposed by the applicant and as such included it in the conditions. The proposal to increase the rate of diversion means the rate of discharge to the settling pond will also increase.
<b>Operation and Maintenance</b>					
2	DP02	(a) All practical measures shall be undertaken to avoid erosion of the bed or banks of Stony River		Agreed	

**Deleted:** water

**Formatted:** Left: 2.54 cm, Right: 2.54 cm, Width: 42 cm, Height: 29.7 cm

**Deleted:** Expiry date sought - 30<sup>th</sup> of April 2025. *Clause 15.3(a)* MIC/MEL Common Consent Conditions

**Formatted:** Left, Line spacing: single

**Formatted:** Font: Not Bold

		<p><i>occurring as a result of the discharge.</i></p> <p>(b) <i>In the event of any erosion occurring to the bed or banks of Stony River as a result of the discharge, the consent holder shall be responsible for rectifying the situation as soon as possible.</i></p>			
3	LU13 modified	The discharge shall not occur in a manner likely to cause erosion of, or instability to, the banks or bed of Stony River; or reduce the flood-carrying capacity of the waterway.		Agreed, but appears to repeat condition 2 above.	Revised wording: "The discharge shall not occur in a manner likely to reduce the flood-carrying capacity of the waterway."
4	DP03	The discharge, after reasonable mixing, shall not cause a change in the colour or a reduction in the clarity of the receiving water body.	The discharge, after reasonable mixing, shall not change the colour or reduce the clarity of the receiving water body by more than 30%.	<p>There needs to be a reasonable limit on the degree of change that can occur.</p> <p><u>20% is the limit for a permitted activity – This activity is subject to a resource consent and can therefore have a higher threshold. 30% is a reasonable change. Clarity can best be measured using a field turbidity meter, which is not subject to the frailties of human eyesight.</u></p>	20% is permitted under Rule WQL1 - suggest 20% reasonable. How is the change in clarity going to be demonstrated?
5	DP04	<p>The consent holder shall before the first exercise of this consent:</p> <p>(a) install a water meter(s) that has an international accreditation or equivalent New Zealand calibration endorsement, which will measure the rate and the volume of water discharged to within an accuracy of plus or minus five percent, at a location that will ensure the total discharge of water is measured;</p> <p>(b) Take a reading from the water meter at least [specify period, default = once per month]; record the date and the meter reading either electronically or in a log book kept for that purpose; and supply this data to the Canterbury</p>	<p>The consent holder shall, within six months of the first exercise of this consent:</p> <p>(a) install a water meter measuring device 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 discharged into Stony River at or about map reference NZMS 260 139:9204-4662 can be determined to within an accuracy of plus or minus ten percent; and;</p> <p>(b) 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, and which is telemetered.</p> <p>(c) Supply this data to the Canterbury Regional Council, Attention: RMA Compliance and Enforcement Manager, each year during the month of June, or when requested in writing.</p>	<p>The condition has been modified to:</p> <p>allow the consent holder time to purchase and install a suitable recording device.</p> <p>and to allow for an open channel recording device to measure the discharge.</p>	agree

		<p>Regional Council, Attention: RMA Compliance and Enforcement Manager, each year during the month of June, or when requested in writing.</p> <p>(c) Ensure that the water meter is accessible to the Canterbury Regional Council at all times for inspection.</p> <p>(d) Ensure that the water meter is installed, maintained and operated throughout the duration of the consent in accordance with the manufacturer s instructions.</p> <p>(e) Take all practicable measures to ensure that the water meter is fully functional at all times.</p>	<p>(d) Ensure that the water metering device is accessible to the Canterbury Regional Council at all times for inspection.</p> <p>(e) Ensure that the water metering device is installed, maintained and operated throughout the duration of the consent in accordance with the manufacturer s instructions.</p> <p>(f) Take all practicable measures to ensure that the water metering device is fully functional at all times.</p>		
<b>Administrative Conditions</b>					
					The Canterbury Regional Council, Attention: RMA Compliance and Enforcement Manager, shall be informed immediately on first exercise of this consent by the consent holder.
6	AD03	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 resource consent for the purposes of dealing with any adverse effect on the environment which may arise from the exercise of the resource consent and which it is appropriate to deal with at a later stage.		Agreed	
7	AD04	The lapsing date for the purposes of section 125 shall be [between 5 years and 5 years three months, date set for each quarter].		Agreed	

