

## CPW Report on Proposed ECan Conditions: February 2010

Consent authority	Consent type/ number	Consent description	Agree/ disagree	Comments
ECan	Land Use Consents			
	CRC061814	To excavate and deposit material over an unconfined aquifer	Agree	
	CRC102326	Disturb, excavate, deposit material, remove and plant vegetation in riparian margins: operate and maintain supply works	Agree	
	CRC102325	Disturb, excavate, deposit material, remove and plant vegetation in riparian margins: construct supply works	Agree	
	CRC061822	Disturb, excavate, deposit material, remove and plant vegetation in riparian margins	Agree	
	CRC102328	To disturb and excavate the bed of a river to place structures	Agree	
	CRC102329	To disturb and excavate the bed of a river to operate, repair and maintain structures	Agree	
	CRC102330	To disturb, excavate and deposit material, and to remove and plant vegetation within the bed and riparian margins of a river for the construction of intake structures	Agree	

	CRC102331	To disturb, excavate and deposit, and to remove and plant vegetation within the bed and riparian margins of a river for the operation and maintenance of intake structures	Agree except conditions 14, 23	14. Works in flowing water: CPW would prefer wording in CRC102328 and CRC102329 condition 17  23. Access to and along riverbed: CPW would prefer wording as in CRC102330 condition 26, i.e. 'prevent' instead of 'impede'
	<b>Water Consents</b>			
	CRC061768	Dam and divert water during construction	Agree	
	CRC061940	Divert water from the Rakaia River for irrigation, sediment sluicing and fish passage	Agree	
	CRC061943	Divert water from the Waimakariri River for irrigation, sediment sluicing and fish passage	Agree	
	CRC061925	Take water for dewatering	Agree	
	CRC061972	Take water from the Waimakariri River at a maximum rate of 24m <sup>3</sup> /s	Agree except conditions introductory paragraph, and conditions 3 (a) (iv), 3 (a) (v), and 6 (a) (ii)	Introductory paragraph. 40 m <sup>3</sup> /s should be changed to 24  3 (a) (iv). CPW understands the intention is that this restriction should be based on the modified flow, not the unmodified (see wording in 3 (a))  3 (a) (v). Extra 10 cumec recreation gap: this disadvantages CPW for minimal benefit to river users  6 (a) (ii). Fish screen mesh size: CPW considers it is premature to specify this level of design detail
	CRC061973	Use water from the Rakaia River and Waimakariri River at maximum rate of 65m <sup>3</sup> /s	Agree except 8 (b) (iv)	8 (b) (iv). Soil temperature. CPW would prefer 6°C as in Sustainability Protocol

	CRC021091	Take water from the Rakaia River at a maximum rate of 40m <sup>3</sup> /s	Agree except conditions 3 (b) and 7 (a) (ii)	3 (b) CPW understands that for the second limitation, Z should be less than <b>or equal to</b> 33.5 7 (a) (ii). Fish screen mesh size: CPW considers it is premature to specify this level of design detail
	<b>Discharge Permits</b>			
	CRC102332	Discharge contaminants and water during construction	Agree except conditions: 2, 3, 4, 14, 17, 19, 24 and 26.	2, 3, 4. Specific treatment details to be addressed in management plan. Reference schedules B.1 and B.2 and Rakaia and Waimakariri Rivers to remain. 14. Add clause (b) allowing an adjustment of the management plan to relax sediment control measures if appropriate. 17. Specific design details to be addressed in management plan. 19. 14 day limit very specific. Detail to be addressed in management plan. 24. The method specified to calculate the zone of non-compliance is not the method described in the NRRP. The correct method is described in Schedule WQL1 Part 2 of Chapter 4 of the NRRP. 26. Specific treatment methods to be addressed in management plan. Propose to undertake visual assessment prior to requiring water testing.

	CRC102333	Discharge contaminants and water during scheme operation and maintenance	Agree except Conditions: 2, 3, 4, 14, 17, 19, 24 and 26.	<p>2, 3, 4. Specific treatment details to be addressed in management plan. Reference schedules B.1 and B.2 and Rakaia and Waimakariri Rivers to remain.</p> <p>14. Add clause (b) allowing an adjustment of the management plan to relax sediment control measures if appropriate.</p> <p>17. Specific design details to be addressed in management plan.</p> <p>19. 14 day limit very specific. Detail to be addressed in management plan.</p> <p>24. The method specified to calculate the zone of non-compliance is not the method described in the NRRP. The correct method is described in Schedule WQL1 Part 2 of Chapter 4 of the NRRP.</p> <p>26. Specific treatment methods to be addressed in management plan. Propose to undertake visual assessment prior to requiring water testing.</p>
	CRC102334	Discharge stormwater which may contain contaminants onto or into land and into water	Agree except Conditions: 5, 7, 8, 10 and 14.	<p>5, 7, 8. Specific design details to be addressed in management plan.</p> <p>10. Certification acceptable however reference to be made to achieving performance standards not specific design.</p> <p>14(c). The method for determining a zone of non-compliance for a stormwater discharge as detailed in the NRRP is “length of the zone of non-compliance (in metres) is equal to the square route of the width of the flow of the receiving waterway at the point of discharge (measured in meters) <u>multiplied by 25.</u>”</p>
	CRC061928	Discharge water for dewatering purposes during construction	Agree except condition 6	6. Amendments to Management Plan: CPW would prefer a simpler method of relaxing the Plan requirements, if appropriate

	CRC061949	Discharge water and contaminants as seepage from canals and distribution races to land where it may enter water	Agree	
	CRC102335	Discharge surplus water and contaminants from canals and distribution network to water and to land	Agree	
	CRC061980	Discharge diverted water into the Rakaia River	Agree except condition 11	11. Conditions should relate to quality of receiving water after reasonable mixing
	CRC061982	Discharge diverted water into the Waimakariri River	Agree except condition 7	7. Conditions should relate to quality of receiving water after reasonable mixing
	CRC102336	Discharge contaminants and dust to air during scheme construction	Agree but with comment	This could be modified to recognise additional requirements from SDC's proposed conditions
	CRC102337	Discharge contaminants and dust to air during scheme operation and maintenance	Agree but with comment	This could be modified to recognise additional requirements from SDC's proposed conditions
	<b>Schedule 1: General Conditions</b>			
		General Conditions	Agree but with comment	This should be amalgamated with SDC's so they are identical
		Accidental Discovery	Agree	
	<b>Schedule 2: Administrative Conditions</b>			
		Environmental Management Fund		CPW will supply revised version that fits with latest Sustainability Protocol
		Sustainability Protocol	Agree	
		Community Liaison	Agree	

		Groundwater and Lowland Drainage	Agree except 25 (e) (i) and 25 (i)	25 (e) (i). CPW considers monitoring does not need to be as frequent as figures stated 25 (i). CPW considers the frequency of monitoring should be reviewed 3 years after use of water commences
		Review	Agree	
	<b>Schedules A to C</b>	<b>Descriptions of locations of proposed works</b>	Agree	
	<b>Schedule 3</b>	<b>Bonding</b>	Agree, but with comment	The detail of the bond should be modified to reflect the removal of the dam and associated works from the scheme proposal. CPW will develop a modified proposal before the 24 March hearing.