

CANTERBURY REGIONAL COUNCIL  
*Kaunihera Taiao ki Waitaha*

# AGENDA|2019

**Canterbury Water  
Management Strategy  
Regional Committee**

Tuesday, 9 April 2019

.....

Time: 1:00pm

Venue: Council Chambers

200 Tuam Street, Christchurch





# Canterbury Water Management Strategy Regional Committee

## Membership

<b>Chair</b>	Hugh Logan
<b>Community Representatives</b>	Hugh Canard Jane Demeter Cole Groves Nicky Hyslop Ross Millichamp Vicky Southworth
<b>Zone Representatives</b>	Ted Howard (Kaikoura) John Preece (Hurunui-Waiau) Carolyn Latham (Waimakariri) Benita Wakefield (Selwyn-Waihora) Les Wanhalla (Christchurch-West Melton) Rima Herber (Banks Peninsula) Ben Curry (Ashburton) Phil Driver (Orari-Temuka-Opihi-Pareora) Sandra Hampstead-Tipene (Upper/Lower Waitaki)
<b>Christchurch City Council</b>	Councillor Sara Templeton
<b>District Council Representatives</b>	Mayor Winton Dalley (North Canterbury) Councillor Nicole Reid (Mid Canterbury) Peter McIlraith (South Canterbury)
<b>Te Rūnanga o Ngāi Tahu</b>	Rebecca Clements
<b>Ngā Rūnanga</b>	Riki Lewis David Higgins
<b>Environment Canterbury</b>	Councillor Claire McKay Councillor Peter Scott
<b>Central Government Observer</b>	Murray Doak (MPI) Jo Buckner (MPI) Nick Vincent (MFE)
<b>Canterbury District Health Board Observer</b>	Dr Alistair Humphrey

*Members please note that lunch will be available at 12.30 pm*

# Canterbury Water Management Strategy Regional Committee

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**1. Karakia**

**2. Apologies**

**3. Conflicts of Interest**

## **4. Minutes**

# Minutes of the Canterbury Water Management Strategy Regional Committee held in the Council Chamber, Canterbury Regional Council, 200 Tuam Street, Christchurch on Tuesday 12 February 2019 at 1.06 pm

## Contents

1. Apologies
2. Conflicts of Interest
3. Minutes from previous meeting 11 December 2018
4. Matters arising
- Items for discussion**
5. Canterbury Regional Planning Story May 2010-December 2018 and Beyond
6. CWMS Fit for Future
7. Draft CWMS Regional Committee Annual Report
8. Facilitator's Update
9. General Business
10. Next Meeting 1 April 2019

## Present

<b>Chair</b>	Hugh Logan
<b>Community Representatives:</b>	
Jane Demeter	Ross Millichamp
Vicky Southworth	Hugh Canard
<b>Zone Representatives:</b>	
Michele Hawke	Hurunui-Waiau
Carolyne Latham	Waimakariri
Les Wanhalla	Christchurch West-Melton
Sandra Hampstead-Tipene	Upper/Lower Waitaki
<b>District Council Representatives:</b>	
Peter McIlraith	South Canterbury
Mayor Winton Dalley	North Canterbury
Cr Nicole Reid	Mid Canterbury
<b>Te Rūnanga o Ngai Tahu</b>	Rebecca Clements
<b>Ngā Rūnanga:</b>	Riki Lewis
	David Higgins
<b>Environment Canterbury:</b>	Cr Claire McKay Cr Peter Scott
<b>Canterbury District Health Board Observer</b>	Dr Alistair Humphrey

## In attendance

Cr Peter Skelton (Environment Canterbury)  
John Benn (Department of Conservation)  
Mayor Sam Broughton (Selwyn District Council)  
Matt Ross (Te Rūnanga o Ngai Tahu)  
Alistair Patrick (Fit for Future Consultant)

Environment Canterbury: Lesley Woudberg (Team Leader Zone Facilitator), Stefanie Rixecker (Director of Science), Dann Olykan (Team Leader CWMS), Dennis Jamieson (Project Leader – Water Infrastructure), Mel Renganathan (Principal Strategy Advisor – Land), Anita Fulton (Senior Strategy Advisor), Barbara Nicholas (Contractor); and Elaine Greaves (Committee Advisor).

## Welcome

Chair, Hugh Logan, welcomed everyone to the meeting, advising the focus would be mainly discussion around Fit for the Future programme goals.

David Higgins then opened the meeting with a karakia.

### 1. Apologies

Apologies were received and accepted from Cr Sara Templeton, Cole Groves, Nicky Hyslop, Ben Curry, Fiona Nicol, Karaitiana Taiuru and Murray Doak.

### 2. Conflicts of interest

No conflicts of interest were noted.

### 3. Minutes of the previous meeting 11 December 2018

*Refer pages 7 to 13 of the agenda*

**The Canterbury Water Management Strategy Regional Committee:**

***Confirmed the minutes of the Regional Water Management Committee meeting held on 11 December 2018, as a true and correct record, subject to the addition of an apology from Ben Curry being noted.***

***Hugh Logan/Michele Hawke  
CARRIED***

### 4. Matters arising

It was noted item 5 of the agenda (Water Usage Compliance Monitoring) did not differentiate between large water usage compared to smaller water takes. It was agreed a follow-up presentation would be provided at a future meeting. There were no further matters arising from the minutes.

*The Committee went into recess for a brief lunch break at 1.06pm and resumed at 1.15pm.*



## ITEMS FOR DISCUSSION

### 5. **Canterbury Regional Planning Story May 2010-December 2018 and Beyond**

*Refer pages 15 to 19 of the agenda*

Councillor Skelton referred to his paper 'The Canterbury Regional Planning Story from May 2010 to December 2018 and Beyond'. Discussion took place around lessons learned to date, what still needed to be fixed; and what it meant for the future.

Cr Skelton ended his presentation by paying tribute to his colleagues who had been on the journey with him and achieved a significant amount of work along the way.

Chair Logan acknowledged that Councillor Skelton's experience as a retired Environment Court Judge and appointment as a Commissioner, had provided the very best level of guidance required for clear statutory documents to be put in place for future water and land use in Canterbury. Councillor Skelton was happy to now pass on the baton, acknowledging there were still many steps to be taken into the future.

On behalf of the Committee, the Chair thanked Councillor Skelton for the presentation and having written a helpful and useful document which would stand the test of time for the Canterbury region.

**Resolved:**

**That the Canterbury Water Management Strategy Regional Committee:**

- 1. Receive the paper by Councillor Skelton on Canterbury's Planning Story from May 2010 to December 2018 and Beyond.**
- 2. Acknowledge and thank Councillor Skelton for his contributions over the last ten years to the regional planning framework now in place in Canterbury.**

Hugh Logan/Hugh Canard  
CARRIED

### 6. **Canterbury Water Management Strategy Fit for Future Project**

*Refer pages 21 to 46 of the agenda*

Mayor Sam Broughton joined the table to update the Committee on progress on the Fit for the Future project. Agreement to the draft CWMS 2025 and 2030 goals was sought, together with feedback on the draft work programme to support delivery of those goals; and feedback on the structure of the final advice to be provided to the Canterbury Mayoral Forum in May 2019 (including how concerns around some of the 2040 goals may be addressed). Mayor Broughton acknowledged Mayor Winton Dalley and thanked staff who had taken feedback on board and contributed to the Strategy to date.

The Chair acknowledged the significant body of work undertaken, aimed at updating the Strategy by putting clear, intermediate targets in place.

**The Canterbury Water Management Strategy Regional Committee received the Fit for the Future progress report and, by general consensus, provided feedback for staff to take to the Goals Working Group for final drafting.**

## 7. **Regional Committee 2018 Annual Report**

*Refer pages 47 to 52 of the agenda*

Lesley Woudberg provided an opportunity for feedback on the draft Regional Committee 2018 Annual Report.

Feedback was given around the cost associated with producing a glossy publication, and staff advised it was generally distributed in that format electronically. Staff were asked to also consider producing the Report as a Word document. It was suggested some financial information at the back of the document would be useful in terms of how much funding had been provided by Environment Canterbury and other councils, together with a balance statement.

**The Canterbury Water Management Strategy Regional Committee adopted, by general consensus, the draft Regional Committee 2018 Annual Report, subject to agreed changes being made.**

## 8. **Facilitator's Report**

*Refer pages 53 to 61 of the agenda*

An update was provided on event dates for 2019, together with issues raised at previous meetings and media coverage from across the region.

**The Canterbury Waste Management Strategy Regional Committee noted the Facilitator's report.**

## 9. **General Business**

Janet Demeter – suggested the CWMS take an opportunity to reflect on where it was at, where it was going and whether it was contributing enough and adding value. As the Fit for Future Project should be completed by June 2019, more consideration should be given to the future work programme of the Committee.

Carolyn Latham – would like to see the Committee become involved in ways of reducing the impact of freedom camping on waterways. Cr Nicole Reid advised a lot of work had been done on freedom camping with TLAs and Government-initiated projects. Although regional councils were not involved, there was some involvement by a working group comprised of five councils.

Les Wanhalla discussed monitoring of waterways and wanted more robust targeting of pollutants in the water. Needed to make those polluting the water more accountable for their actions. More education and penalties needed to be put in place.

John Benn referred to page 51, paragraph 2 of the draft Regional Committee 2018 Annual Report, noting DOC had never had an observatory role on the Committee. His role was only to report back to the Christchurch office. A paper on key messages from the National Wilding Conifer Control Programme was tabled, noting the considerable cost attached to the Programme; and also the effects on water resources estimated to be in the millions of litres.

In summary, Chair Hugh Logan noted that Councillor Skelton had provided a paper that was illuminating. He was able to draw out further points and processes that, in the future, would be important; such as how to make good use of planning processes, including Council processes and consents, noting there would always be more planning to come. Climate change would also be a significant issue, and the need for planning processes to be more anticipatory rather than reactionary in their outlook was noted. Close attention needed to be paid to good management practises, including retention of biodiversity.

The Chair thanked everyone for their work on the Fit for the Future project goals and work programme for 2025 and 2030; and was confident the Goals Working Group would provide an updated version that captured everyone's input. The Committee would have a final opportunity to review and sign off their advice to the Mayoral Forum at the next meeting.

#### 10. **Next Meeting**

Tuesday 9 April 2019.

**The meeting closed at 4.59 pm with a karakia by David Higgins.**

**Confirmed**

**Date** \_\_\_\_\_

**Chairperson** \_\_\_\_\_

## 5. Matters arising

## 6. Public Excluded

<b>Meeting Date</b>	9 April 2019
<b>Author</b>	Elaine Greaves, Committee Advisor

### Recommendations

That the public be excluded from the following part of the proceedings of this meeting, namely:

#### 1. CWMS Fit for the Future Project

1. The general subject of the matters to be considered while the public is excluded, the reason for passing this resolution and the specific grounds under section 48(1) of the Local Government Official Information and Meetings Act 1987 for the passing of this resolution are as follows:

Item No.	Report	Reason for passing this resolution in relation to each matter	Ground(s) under section 48(1) for the passing of this resolution
1.	CWMS Fit for the Future Project	Good reason to withhold exists under section 7	Section 48(1)(a)

2. This resolution is made in reliance on section 48(1) of the Local Government Official Information and Meetings Act 1987 and the particular interest or interests protected by section 6 or section 7 of that Act which would be prejudiced by the holding of the whole or relevant part of the proceeding of the meeting in public are as follows:

Item No.	
1.	Protect information which is subject to an obligation of confidence or which any person has been or could be compelled to provide under the authority of any enactment, where the making available of the information would be likely to prejudice the supply of similar information, or information should continue to be supplied. (Section 7(2)(c)(i))

#### 2. That appropriate officers remain to provide advice to the Committee.

## 7. Reports

### 7.1. CWMS Fit For Future - Priorities for the Regional Committees



Date of meeting	9 April 2019
Agenda item	Future Priorities for the Regional Committee
Author	Lesley Woudberg

#### Purpose

To provide a summary of a discussion on future priorities of the Regional Committee a small group of members had 12 March 2019.

#### Recommendations

**That the Canterbury Water Management Strategy Regional Committee:**

- 1. Notes the outcomes of the discussion, 12 March 2019, on future priorities for the Regional Committee and uses these as the basis for further discussion.**

#### Background

A small sub-group (Jane Demeter Ross Millichamp, Hugh Canard, Peter Scott, Murray Doak) of the Regional Committee met 12 March 2019 to begin a discussion on future priorities of the committee.

The sub-group had a wide-ranging discussion. A summary of the main points discussed are reflected in Appendix 1.

Elements of a possible two-year Regional Committee work programme include;

- Opportunity to debate complex and difficult issues
- Opportunity to hear from zone committees around the region to;
  - Share experience and learn from one another
  - Identify common issues
  - Identify gaps
- A work programme that focuses on a mix of;
  - **strategic issues** (eg. resourcing/funding, monitoring/reporting and collective leadership, recreation/amenity) and;
  - **practical projects** (eg. long fin eel quota, fish screen performance)

## APPENDIX 1

<b>GENERAL</b>	<p><b>2 year priorities</b></p> <p><b>Focus on areas RC can add greatest value – needs to be relevant</b></p> <p><b>More time for debate between members</b></p> <p><b>Continue to prioritise</b></p> <ul style="list-style-type: none"> <li>• Fish screens</li> <li>• Recreation and Amenity</li> </ul> <p><b>Issues we could increase focus</b></p> <ul style="list-style-type: none"> <li>• Urban – need a TA sponsor</li> <li>• Monitoring/oversight</li> <li>• Projects (eg. long fin eel)</li> </ul> <p><b>Role of RC</b></p> <ul style="list-style-type: none"> <li>• Sounding board</li> <li>• Receiving environment – forum for discussion and problem solving</li> <li>• Conduit in and out</li> <li>• Need to do better to generate discussion between ZC reps to share info/experience/ideas</li> <li>• General business up front in agenda – not at end</li> <li>• Comms/engagement – not all good news</li> </ul> <p><b>Hold long-term vision 40-50-100 years</b></p> <p><b>What advice does ECan need?</b></p> <p><b>Field trips</b></p> <ul style="list-style-type: none"> <li>• FEPS/Audits</li> <li>• Fish screens</li> </ul>
<b>RESOURCING &amp; FUNDING</b>	<p><b>Education about;</b></p> <ul style="list-style-type: none"> <li>• Funds Available</li> <li>• Secretes of successful applications</li> </ul> <p><b>Need to cost targets</b></p>
<b>MONITORING &amp; REPORTING</b>	<ul style="list-style-type: none"> <li>• Need trend data</li> <li>• 10 year water quality trend</li> </ul>

	<ul style="list-style-type: none"> <li>• Identify and report “hot spots”</li> <li>• Report on catchments</li> <li>• “Step back”</li> </ul> <p><b>Views from others</b></p> <ul style="list-style-type: none"> <li>• Research agencies (universities, crown research agencies)</li> </ul> <p><b>Expectations</b></p> <ul style="list-style-type: none"> <li>• Are our expectations realistic? <ul style="list-style-type: none"> <li>○ when can we expect reliable trends to emerge?</li> <li>○ when can reliable links be made between actions and outcomes? If no improvements within 5 years were our ZIPAs and plans ineffective?</li> </ul> </li> </ul>
<b>COLLECTIVE LEADERSHIP</b>	<p><b>Joint leadership needed</b></p> <p><b>Territorial Authorities</b></p> <ul style="list-style-type: none"> <li>• First order priorities (ie. drinking water, stock water, terrestrial biodiversity)</li> </ul> <p><b>Central Government</b></p> <ul style="list-style-type: none"> <li>• Greater liaison with government agencies <ul style="list-style-type: none"> <li>○ We need LINZ at the table</li> </ul> </li> </ul>

## 7.2. Infrastructure Working Group - Fish Screen



<b>Date of meeting</b>	9 April 2019
<b>Agenda item</b>	Report Infrastructure Working Group – Fish Screens
<b>Author</b>	Ross Millichamp

### Purpose

To provide an opportunity for the Infrastructure Working Group to report on the work on the Fish Screen Technical Working Group (see Appendix 1).

### Recommendations

**That the Canterbury Water Management Strategy Regional Committee:**

- 1. Write to the Chair of Environment Canterbury, briefing him of the progress made to date by the Fish Screen Technical Working Group, and asking the Council to urgently address the standard of existing fish screens and attempt to bring them into line with Schedule 2 policies as soon as possible.**
- 2. Request Environment Canterbury to provide an update on the fish screen compliance programme at the next Canterbury Water Management Strategy Regional Committee meeting.**



### **Report Infrastructure Working Group**

#### **Fish Screen Technical Working Group Update**

#### **Background**

In 2007 a working group chaired by former Environment Canterbury CEO Bryan Jenkins produced a set of guidelines for the design and operation of fish screens in the Canterbury region. These were formally described in NIWA Client Report CHC2007-092, "Fish Screening: Good Practice Guidelines for Canterbury". The development of the guidelines were in part, a response to concerns about the efficiency of existing fish screens but were also seen as a useful guide to groups embarking on new, large-scale irrigation projects at the time. The working party were reasonably comfortable that the guidelines provided adequate protection to migrating trout and salmon as there was plenty of international research available to guide them. However, despite significant contributions to the process by Department of Conservation staff, the working party were less confident that the guidelines protected native fish for which little research was available.

The guidelines became formal policy in 2017 when Environment Canterbury included most of the principles into Schedule 2 of the Land and Water Regional Plan. The main difference between the original guidelines and the plan policies were in the way that approach velocity (the speed of water drawing fish towards the intake structure or screen) should be measured. Environment Canterbury scientists and planners recommended a more precautionary way of measuring approach velocity to better protect native fish, which are generally less agile than salmonids and less able to swim away from intake structures.

#### **2017 Fish Screen Technical Working Group**

In September 2017 the Fish Screen Technical Working Group was reconvened at the request of Irrigation New Zealand, who were concerned that the difference between the original guidelines and the LWRP in the way that approach velocity is measured, was causing unforeseen additional costs to irrigators. This time the group was established as a committee of the Infrastructure Working Group, which in itself is a sub group of the Regional Committee of the Canterbury Water Management Strategy. The working group has agreed that any changes to the fish screening policies of the LWRP need to be science-based and are in the process of funding and commissioning research to fill current information gaps, in particular the behaviour of native fish when they encounter fish screens. A bid to the Sustainable Farming Funds has successfully advanced to the second round and a more detailed application will be drawn up in the coming months.

The working group has also been looking at the performance of existing fish screens. Although not strictly within its mandate, the group has encouraged Environment Canterbury to not only monitor existing fish screens in relation to compliance with their consents, but also in relation to adherence to the LWRP Schedule 2 policies. An expanded monitoring

program was undertaken during the summers of 2017-18 and 2018-19. The results from 2017-18 were published in the report; "Environment Canterbury Fish Screen Pilot: Internal Summary Report & 2018/19 Fish Screen Improvement Campaign. In summary the report indicated that existing screens were falling well short of meeting the Schedule 2 policies, and that significant conservation gains could be made by bringing them up to standard. As mentioned above, compliance and monitoring is not within the mandate of the Fish Screen Technical Working Group, but members believe that it is an area that needs urgent attention. The Fish Screen Technical Working Group believe that the appropriate process is for the Regional Committee to take this matter up with the Chair and Council of Environment Canterbury.

### **Recommendation**

That the Regional Committee write to the Chair of Environment Canterbury, briefing him of the progress made to date by the Fish Screen Technical Working Group, and asking the Council to urgently address the standard of existing fish screens and attempt to bring them into line with Schedule 2 policies as soon as possible.

**Ross Millichamp**

**Chair, Fish Screen Technical Working Group**

**Chair, Infrastructure Working Group**

### 7.3. Update from Central Government Agencies



<b>Date of meeting</b>	9 April 2019
<b>Agenda item</b>	Future Priorities for the Regional Committee
<b>Author</b>	Lesley Woudberg

#### **Purpose**

To provide an update on water issues from a central government perspective (see Appendix 1).

#### **Recommendation**

**That the Canterbury Water Management Strategy Regional Committee:**

- 1. Receive the update from central government.**

## Report

### **Department of Conservation (DOC): Update for the Canterbury Regional Water Committee Meeting (9 April 2019)**

John Benn  
CWMS Co-ordinator  
Department of Conservation  
Christchurch  
[jbenn@doc.govt.nz](mailto:jbenn@doc.govt.nz)

#### **DOC activities around the CWMS water zones over the last two months:**

Business as usual, regarding the attendance of monthly water zone committee meetings and any DOC follow-up actions from these.

DOC freshwater scientists, Dr Hugh Robertson and Dr Tom Drinnan, presented the findings of an investigation into water quality in the Ashburton lakes and streams, to the Ashburton Water Zone Committee, on 26th March. Increasing nutrient levels (particularly nitrogen), at several sites over the last few years have been detected and are of concern for the department. DOC staff & ECan senior-science staff met on the 21st March, to discuss the results, before making them public.

Mahaanui office (Sockburn) staff, with support from the main Christchurch office, are involved in the Selwyn-Waikirikiriri Working Group.

DOC & ECan freshwater teams are working closely with respect to the upcoming section on indigenous freshwater species in the Omnibus plan change.

A DOC resource management planner is involved with the Opihi Flow and Allocation Working Party and has attended two recent meetings.

#### **Upcoming issues/events**

The Upper Waitaki Water Zone Committee is going on a field trip in May, to the Lake Middleton area. Lake Middleton, on the western shore of Lake Ohau, in the Mackenzie Basin, is recreation reserve & campground, managed by DOC. DOC staff (from Twizel & I) will be in attendance. A DOC report on the values (and issues) at Lake Middleton, written a few years ago, is being updated in time for the zone committee members to have some background information.

The Statutory Manager continues to participate in the Braided River Advisory Group (BRAG). The next meeting is on Monday 15 April 2019.

## **8. Facilitators Update**

### **8.1. Facilitators Update**



<b>Date of meeting</b>	9 April 2019
<b>Agenda item</b>	Facilitator's Update
<b>Author</b>	Lesley Woudberg

### **Purpose**

To provide the Regional Committee with information on:

1. Dates for meetings and events
2. Progress - Issues raised in previous meetings
3. Central Government Initiatives
4. Omnibus Plan Change
5. Recent media stories from across the region

### **Recommendations**

**That the Canterbury Water Management Strategy Regional Committee:**

- 1. Notes the Facilitator's report.**

## Report

### 1. Dates, Meeting and Events

Dates 2019	Meetings and Events
9 April	Regional Cmtt meeting Expect final sign off – Fit for Future Project
14 May	Farm visit – FEPs and Audit <i>What is really happening – what is the real effect of FEP and audits?</i>
11 June	Regional Cmtt meeting
9 July	Regional Cmtt Working Groups
13 August	Regional Cmtt meeting
10 September	Regional Cmtt meeting
8 October	Regional Cmtt Working Groups (TBC)
12 October	Local Govt Elections
12 November	Regional Cmtt meeting (TBC)
10 December	Regional Cmtt Working Groups (TBC)

## Progress - Issues Raised During Previous Meetings

ACTIONS FROM PREVIOUS MEETINGS		Who	Status
12 Dec 2017	<b>Weed Strike Force</b> Weed control Te Waihora	Interested in progress and also alternatives to the use of chemical sprays	Ongoing discussion with DOC and research institutions on alternatives to chemical sprays
13 Mar 2018	<b>Urban Water</b>  3 Waters Drinking, Waste Storm Water	Govt –3 Waters Review <a href="https://www.dia.govt.nz/Three-waters-review">https://www.dia.govt.nz/Three-waters-review</a>	Eta detailed proposals for 3 Waters <b>June 2019</b>
11 Dec 2018	<b>Water Usage Compliance Monitoring</b>	Request report back to cmtt on progress second half of 2019. Info cmtt interested included grades for regionally significant takes, % of telemetered takes, trend info	Update scheduled <b>Nov 2019</b>

### Regionally Significant takes

RecordNo	HolderAddressFullName	Activity	Full Effective Annual Volume (m3/year)	StatusGroup
CRC905331.1	Meridian Energy Limited	Take Surface Water	6289920000	Issued
CRC172958	Trustpower Limited	Take Surface Water	943488000	Issued
CRC180531	Lower Waitaki Irrigation Company Limited	Take Surface Water	429839936	Issued
CRC167218	Central Plains Water Trust	Take Surface Water	390000000	Issued
CRC120696	Hurunui Water Project Limited	Take Surface Water	356144994	Issued
CRC180528	Morven, Glenavy Ikawai Irrigation Company Limited	Take Surface Water	330000000	Issued
CRC011245	Rangitata Diversion Race Management Limited	Take Surface Water	223292160	Issued
CRC180569	Hunter Downs Irrigation Scheme Trust & Meridian Energy Limited	Take Surface Water	213000000	Issued
CRC136234	Central Plains Water Trust	Take Surface Water	211680000	Issued
CRC166677	Waimakariri Irrigation Limited	Take Surface Water	135561592	Issued
CRC180532	Lower Waitaki Irrigation Company Limited	Take Surface Water	98853994	Issued
CRC951305	Amuri Irrigation Company Limited	Take Surface Water	79551935	Issued
CRC070924.1	Rangitata Water Limited	Take Surface Water	5096000	Issued
CRC191331	Christchurch City Council	Take Groundwater	73654978	Issued

CRC042094.1	Rangitata Water Limited	Take Surface Water	5096000	Issued
CRC001229.1	Rangitata Water Limited	Take Surface Water	5096000	Issued
CRC990593	The New Zealand King Salmon Co Limited	Take Surface Water	70761600	Issued
CRC981619.1	Benmore Irrigation Company Limited	Take Surface Water	51626000	Issued
CRC176489	Amuri Irrigation Company Limited	Take Surface Water	44820000	Issued
<b>12 Feb 2019</b>	<b>Fit for Future – Priorities for the Reg Cmtt</b>	Request time for the cmtt to discuss their priorities for the next 1-2years	Began discussion 12 March, whole cmtt discussion <b>9 April</b>	

## 2. Central Government

INITIATIVE	ETA
State of Environment Report - Environment Aotearoa 2019	April
3 Waters Review	April
National Environmental Standard - Drinking Water	July
National Policy Statements – Freshwater Amendments	TBC
National Policy Statement – Biodiversity Amendments	TBC
Resource Management Act Amendments	TBC



### 3. Omnibus Plan Change

AGENDA ITEM NO:	SUBJECT MATTER: OMNIBUS PLAN CHANGE 2019
REPORT: CWMS Regional Committee	DATE OF MEETING: 9 April 2019
REPORT BY: Andrea Richardson, Environment Canterbury Senior Planner	

#### PURPOSE

1. To update the Zone Committee on progress of the Omnibus 2019 plan change to the Canterbury Land and Water Regional Plan (LWRP).

#### BACKGROUND

2. The Omnibus 2019 plan change covers a range of issues to ensure the LWRP responds appropriately to new directives from central government, emerging environmental issues, and changes in matters that are strategic priorities for Environment Canterbury. The region-wide topics include managed aquifer recharge, commercial vegetable operations, increased habitat protection for a number of freshwater species and better recognition of tangata whenua values. The Omnibus 2019 plan change also includes sub-region changes to give effect to the Hinds Drains Working Party recommendations.
3. The Omnibus 2019 plan change will form one part of proposed Plan Change 7 to the LWRP. Plan Change 7 is structured in three parts and includes Omnibus (Part A), a Waimakariri sub-region component (Part B) and an Orari-Temuka-Opihi-Pareora sub-region component (Part C). Key milestones for Plan Change 7 include the first stage of consultation required under the Resource Management Act (Schedule 1 consultation) with including Te Runanga o Ngai Tahu, local authorities, Ministers) on the draft plan change in April 2019 and public notification of the proposed plan change in mid-2019.

#### UPDATE ON PROGRESS

4. Development of planning solutions for each Omnibus topic has occurred at a slightly different pace as each is generally distinct from the others. Recently the Council decided not to progress the Braided Rivers topic in this plan change, but wait for the Court of Appeal decision on the legal extent of a braided river.
5. We have sought feedback from key stakeholders and staff on the proposed policy direction for each topic and are now in the process of writing planning provisions. We will seek feedback on these draft provisions from Schedule 1 parties in April/May 2019. Attachment 1 of this report provides a brief overview of each plan change topic and an update on progress.

## Attachment 1: Update on Omnibus 2019 topics

Omnibus topic description	Policy direction
<p><b>1 Improvements to rules to address Tangata Whenua values</b></p> <p>A number of LWRP controlled and restricted discretionary rules do not include specific recognition of Māori cultural and customary activities and associated values in their matters of control or restricted discretion. The purpose of this topic is to identify which controlled and restricted discretionary rules in the plan inappropriately constrain the ability of decision-makers on resource consent applications to consider the effects on Tangata Whenua values.</p>	<p>A number of rules will be amended to add a requirement to consider Māori cultural and customary activities and associated values in resource consent applications. The iwi entities have provided examples of relevant tangata whenua values.</p> <p><u>Examples of rules that may be amended:</u></p> <ul style="list-style-type: none"> <li>- Wastewater &amp; greywater discharges to land</li> <li>- Pit toilet discharges to land</li> <li>- Excavation of material over an aquifer</li> </ul>
<p><b>2 Braided Rivers</b></p> <p>This topic sought to clarify for plan users the policies and rules that apply to activities within, and adjacent to, the bed of a braided river, and to halt the loss of braided river systems and their values.</p>	<p>Council has determined that the Braided Rivers Topic should not be included in this plan change due to uncertainty about emerging caselaw.</p>
<p><b>3 Increased protection of indigenous freshwater species and habitats</b></p> <p>This topic seeks to increase protection of indigenous freshwater species and their habitats, including critically endangered species and valuable but declining mahinga kai. The work is informed by a science report that outlines the habitat, threat status and migratory requirements of all Canterbury indigenous freshwater fish and two freshwater invertebrates (crayfish and mussels).</p> <p>The second aspect of this topic is the incremental loss of instream habitat quality and quantity that may occur through re-alignment, piping, and reclamation of drainage channels and streams.</p>	<p>Methods to increase protection in the plan may include:</p> <ul style="list-style-type: none"> <li>- identification of certain indigenous freshwater species habitat and their protection from activities that may damage these areas</li> <li>- For migratory fish, enabling the removal/reconstruction of fish passage barriers such as weirs or perched culverts</li> <li>- Restrict the permanent realignment or piping of waterways</li> </ul>

Omnibus topic description		Policy direction
	A third aspect is the ecological impacts of diversion of braids of a river. Principally, the loss of water from a braid, or de-watering, causes mortality to fish and invertebrates and sediment suspended during the activity impacts the downstream receiving environment.	- Restrict diversions that would cause the loss of water from any braid or river reach
4	<b>Schedule 17 Salmon Spawning Sites</b> The plan restricts a number of activities that may damage salmon spawning sites, including stock access, vegetation clearance and gravel extraction. This topic seeks to add new salmon spawning sites to Schedule 17 of the LWRP.	Potential amendment to Schedule 17 to include new sites in consultation with Fish and Game.
5	<b>Schedule 6 – Areas of Rivers or Lakes Commonly used for Freshwater Bathing</b> The plan prohibits the disturbance of waterways by any farmed cattle, farmed deer or farmed pigs within 1km upstream of a Schedule 6 area. Schedule 6 currently lists 28 areas on rivers and lakes commonly used for freshwater bathing, and this topic seeks to add additional freshwater bathing areas.	Potential amendment to Schedule 6 to include additional areas, developed from three information sources: <ul style="list-style-type: none"> <li>- Environment Canterbury's recreational health monitoring programme;</li> <li>- River Values Assessment System report; and</li> <li>- Canterbury Water Management Zone Committee feedback.</li> </ul> Refer to Attachment 2
6	<b>National Policy Statement for Freshwater Management updates</b> The LWRP was developed under the 2011 version of the National Policy Statement for Freshwater Management. Recent amendments to the NPS-FM in 2014 and 2017 have introduced new requirements for Councils including establishment of limits to achieve freshwater outcomes in accordance with a National Objectives Framework.	Potential amendments to LWRP Tables 1a and 1b (freshwater outcomes for rivers and lakes) and Schedule 8 (region-wide water quality limits).

Omnibus topic description		Policy direction
<b>7</b>	<b>National Environmental Standards for Plantation Forestry</b>  The National Environmental Standards for Plantation Forestry (NES-PF) came into effect in May 2018 and prevails over LWRP rules except where the NES-PF specifically allows more stringent regional plan rules. This topic proposes to ensure plantation forestry industry activities meet the current LWRP requirements (where applicable) in addition to the NES-PF.	Consolidate existing rules into one new rule for plantation forestry activities that will address: <ul style="list-style-type: none"> <li>- Discharge of sediment into a surface waterbody</li> <li>- Potential damage and disturbance to indigenous freshwater species habitat including inanga spawning habitat</li> <li>- Potential damage to wetlands</li> <li>- Replanting and planting within any Flow Sensitive Catchment</li> </ul>
<b>8</b>	<b>Commercial vegetable operations</b>  This topic seeks to better provide for the management of nutrient discharges from commercial vegetable operations. Crop rotation and lease-hold arrangements are typically undertaken by commercial vegetable growers to avoid soil-borne diseases, and compliance with the LWRP farming rules and access to lease land with sufficient nitrogen load is challenging for growers as the nitrogen loss limit that applies to the land is restricted by the crop type grown (or other land use) during the nitrogen baseline period.	Potentially new definitions (baseline commercial vegetable growing area; commercial vegetable growing), new policies and rules.
<b>9</b>	<b>Managed Aquifer Recharge</b>  This topic will develop region-wide provisions to provide for Managed Aquifer Recharge to assist with improvements to water quality and/or water quantity in the receiving environment. The purpose is to accelerate the achievement of environmental outcomes (i.e. reduction in contaminant concentrations, groundwater replenishment and/or increasing flows in hydraulically connected waterways).	Potentially a new policy and new rules for MAR, including the take and use of surface water, the discharge into groundwater, and related construction activities.

**Attachment 2: LWRP Schedule 6: Areas on rivers or lakes commonly used for freshwater bathing (existing and proposed)**

Proposed list of areas on lakes and rivers commonly used for freshwater bathing for inclusion in Schedule 6 of the LWRP. Existing Schedule 6 sites (highlighted in grey) and new site additions are included.

Area	Site name	NZTM Easting	NZTM Northing	The distance upstream of site where stock are excluded from the river or lake (m)
Northern Canterbury	Irongate Stream at SH1	1663752	5319096	1,000
	Hapuku River at intake	1657275	5315825	1,000
	Upper Kowhai River at Kowhai Ford Rd	1651030	5307003	1,000
	Lower Kowhai River at SH1	1652069	5303873	1,000
	Lyell Creek lagoon	1656307	5305144	1,000
	Charwell River at Inland Kaikoura Rd	1629886	5303395	1,000
	Kahutara River at SH1 Lagoon	1648429	5301784	1,000
	Oaro River at Oaro	1641492	5293039	1,000
	Lewis River at Boyle Lodge	1548908	5292625	1,000
	Hanmer River below Hanmer Springs Rd bridge	1582580	5286064	1,000
	Mason River adjacent to campground	1603183	5278005	1,000
	Waiau River upstream of Hanmer River confluence	1582093	5285779	1,000
	Waiau River at Waiau	1602857	5277566	1,000
	Hurunui River at SH7	1580947	5253515	1,000
	Hurunui River at SH1	1608328	5250305	1,000
	Hurunui River adjacent bach settlement	1622468	5249063	1,000
	Waipara River at Boys Brigade camp	1579297	5231467	1,000
	Cave Stream at camp ground	1496843	5221602	1,000
	Cave Stream at Cave	1497861	5216766	1,000
	Ashley River/Rakahuri at Gorge picnic ground	1537355	5213581	1,000
	Ashley River above Rangiora-Loburn bridge	1564891	5207477	1,000
	Ashley River at SH1	1574717	5208250	1,000
	Lake Lyndon	1494546	5204791	1,000
	Pegasus Lake at Motu Quay Jetty	1575339	5204681	1,000
	Cam River at Bramleys Road	1570570	5200985	1,000
	Kaiapoi River at Kaiapoi township	1572328	5196530	1,000
	Waimakariri River at Gorge bridge	1523049	5198806	1,000
	Waimakariri River at Thompsons Road (the Willows)	1545508	5187383	1,000
	Waimakariri River as Rock Spur	1566811	5191046	1,000

	Waimakariri River between SH1 and old bridge	1571600	5193123	1,000
	Otukaikino Ck at swimming hole	1571299	5192832	1,000
	Lake Rotokohatu	1565481	5187454	1,000
	Selwyn River at Whitecliffs	1510439	5187341	1,000
	Selwyn River at Glentunnel	1513817	5184593	1,000
	Selwyn River at Chamberlains Ford	1549418	5162592	1,000
	Selwyn River at Coes Ford	1552802	5161726	1,000
	Selwyn River at Upper Huts	1554816	5159753	1,000
	Lake Ellesmere/Te Waihora at Lakeside	1549447	5150492	1,000
	Rakaia River at Gorge	1491485	5180812	1,000
	Rakaia River at north end of Lagoon	1539017	5140150	1,000

Area	Site name	NZTM Easting	NZTM Northing	The distance upstream of site where stock are excluded from the river or lake (m)
Mid Canterbury	Lake Clearwater west of huts	1442211	5169870	1,000
	Lake Camp main swimming beach	1442451	5169380	2,000
	Ashburton River/Hakatere at SH1	1498726	5137403	1,000
	Lake Hood at Bayliss Beach	1501838	5131539	1,000
	Lake Hood at main swimming beach	1500748	5130716	1,000
	Rangitata River at Peel Forest campground	1461180	5138854	1,000

Area	Site name	NZTM Easting	NZTM Northing	The distance upstream of site where stock are excluded from the river or lake (m)
South Canterbury	Orari River at Orari Gorge	1454820	5134629	1,000
	Lake Opuha at Ewatts Corner boat ramp	1428803	5128410	1,000
	Lake Opuha at Recreation Reserve	1429002	5125325	1,000
	Waihi River at Waihi Gorge	1452115	5126224	1,000
	Waihi River at Wilson St footbridge	1459501	5116535	1,000
	Hae Hae Te Moana River at Gorge	1446617	5121702	1,000
	Temuka River at SH1 Bridge	1462349	5098501	1,000
	Opihi River at Allandale Bridge	1426634	5115129	1,000
	Opihi River at Raincliff Scout Camp	1439324	5106886	1,000
	Opihi River at Saleyards Bridge	1451720	5098611	1,000
	Opihi River at SH1 Bridge	1461885	5097452	1,000
	Opihi River at Waipopo huts	1466368	5096791	1,000
	Te Ana Wai River at Belmont Bridge	1436879	5092043	1,000
	Pareora River at Lindisfarne	1428733	5088661	1,000

	Pareora River at Evans Crossing	1444034	5082031	1,000
	Pareora River at Brasells Bridge	1451835	5075469	1,000
	Pareora River at Huts	1445304	5080569	1,000
	Otaio River at Otaio Gorge	1435458	5067966	1,000
	Waihao River at Black Hole	1438445	5037832	1,000
	Waihao River at Gum Tree Road (Dons Hole)	1443824	5038032	1,000
	Waihao River at Bradshaws Pools	1454090	5040400	1,000

Area	Site name	NZTM Easting	NZTM Northing	The distance upstream of site where stock are excluded from the river or lake (m)
Waitaki catchment	Lake Alexandrina at bottom huts	1395022	5128346	1,000
	Lake Tekapo at Camp Beach	1396597	5125237	1,000
	Lake Tekapo at Lillybank Rd Beach	1399399	5124575	1,000
	Lake Wardell	1370054	5102273	1,000
	Lake Poaka	1368259	5101180	1,000
	Loch Cameron	1364728	5099491	1,000
	Twizel River at picnic area	1368788	5096088	1,000
	Lake Ruataniwha at camping ground	1366191	5093619	1,000
	Lake Middleton	1348609	5092818	1,000
	Pond at Old Iron Bridge Rd	1367794	5092249	1,000
	Upper Ohau River	1356756	5091947	1,000
	Wairepo Arm	1366720	5090733	1,000
	Kellands Pond	1365981	5090705	1,000
	Omarama Stream at Omarama	1358382	5069524	1,000
	Hakataramea River at SH8 bridge	1401259	5044411	1,000
	Lake Benmore – Ohau C	1367237	5092651	1,000
	Lake Benmore at Haldon	1378843	5085854	1,000
	Lake Benmore at Falstone	1377045	5080251	1,000
	Lake Benmore at Glenburn	1365949	5065940	1,000
	Lake Benmore at Pumpkin Bay	1367185	5064766	1,000
	Lake Benmore at Sailors Cutting	1368493	5063512	1,000
	Lake Aviemore at Loch Laird	1376237	5060738	1,000
	Lake Aviemore at Te Akatarawa camp	1384179	5057651	1,000
	Lake Aviemore at Waitangi	1385954	5057611	1,000
	Lake Waitaki at Fishermans Bend	1390823	5050698	1,000

## 5. Recent Media Stories

15 March 2019

### **Black-backed gull control – What's the story?**

<https://www.ecan.govt.nz/get-involved/news-and-events/2019/black-backed-gull-control-whats-the-story/>

15 March 2019

### **What I learned as a water quality officer**

<https://spark.adobe.com/page/muOIKtyLrdsbh/>

# Pitching in to protect mudfish

- March 22, 2019

They may be tiny, slimy and reclusive, but the Canterbury mudfish are well worth protecting.

Kōwaro, as they're named in te reo Māori, are a treasured species for local iwi Ngāi Tahu and having more of them around helps protect other freshwater natives such as kōura (crayfish) and kākahi (mussels). Unfortunately, they're also rare and endangered.



Fonterra is providing funding to Environment Canterbury to help them implement innovative technology in what is the first project of its kind in the Southern Hemisphere. The installation of an electric trout barrier will allow mudfish to expand into the lower reaches of the site and stop the predation by trout, helping to create a safe nursery for future projects and replenishing drought-affected areas. It will lead to a 10-fold increase in spring-fed



stream habitat for the threatened mudfish – going from 880m2 to 8,000m2 – in the Waikirikiri/Selwyn River catchment.

As we increase our involvement with communities around the country to improve the health of our waterways, it was really important for us to support the efforts to protect the Canterbury Mudfish. Charles Fergusson, Fonterra Head of Farm Source for Canterbury, Tasman and Marlborough.

Environment Canterbury believe the technology could revolutionise native fish conservation at sites threatened by trout across the region. “We are delighted to be partnering with Fonterra on this exciting – and ground-breaking – conservation project,” says Johannes Welsch, Environment Canterbury’s Selwyn Waihora Zone Delivery Lead.

“Working collaboratively in this way is a perfect example of how, by joining forces, we can make biodiversity and species protection not just a priority, but a practical reality.”

The project is expected to be complete early May 2019, one year after its launch.

Fonterra’s overall work to improve water quality in New Zealand is centred around six commitments, which continue to drive action across the country. Ongoing guidance is provided by the co-operative’s independent Sustainability Advisory Panel, chaired by Sir Rob Fenwick.

## **TIMARU HERALD**

**27 March 2019**

### **Funding forum for community groups**

Samesh Mohanlall [samesh.mohanlall@stuff.co.nz](mailto:samesh.mohanlall@stuff.co.nz)

A desire to make community funding more accessible to groups most in need has led to the creation of a funding forum event in Temuka next Wednesday. South Canterbury Community Funder’s Forum member Rosie Oliver says the event is a collaborative alliance between local community and philanthropic trusts and foundations, local and central government, and the relevant gaming/licensing trusts for the area.

“If you are a not-for profit community group it can be very difficult to know what’s available,”

Oliver, who is also the community relations manager at the Community Trust of Mid and South Canterbury, said. “A lot of those groups are run by volunteers and they have quite high turnover,”

she said. “So, even though at one time you might have a committee that has knowledge of who to apply to for grants, that knowledge can be lost over a 12-month period very easily.”

Oliver said a new committee can be scrambling around trying to figure out who to apply to for a grant, but this initiative will make life much easier for them. “It takes quite a lot of time and effort to

put a funding application in so the last thing you want is for people to apply for funding they’re not eligible for or having unrealistic expectations.” Oliver said they were also targeting needs and groups that don’t traditionally apply for grants. “For example, we hear very often from the migrant community, youth groups, people from Temuka and Waimate, but we know these areas have high social deprivation.” Dave Moore from Environment Canterbury, Julia Clelland (Department of

Internal Affairs), Rebecca Flannery (Alpine Energy) and Peter Burt (The Aspect Trust and the Impact Club) will also speak at the Temuka/Geraldine event. “We are looking forward to also working with the Timaru Rotary Club in the future,” she said.

Oliver said the aim of the forum was to make funding more accessible and more relevant to the people of. “We really appreciate the work that all these not-for-profit groups are doing and we are here to help. “Ultimately all we’ve got is money and we want to support the amazing things they’re doing.”

■ *The event will be held at the Temuka Pipe Band Hall at 5.30pm on April 3.*

## **9. General Business**

## **10. Closing Karakia**