

**Orari-Temuka-Opihi-Pareora Water Zone Management  
Committee**

**on**

**Monday 26 November 2018**

**2pm**

**Council Chamber  
Timaru District Council  
2 King George Place  
Timaru**

## **Orari-Opihi-Pareora Water Zone Management Committee**

**Notice is hereby given that an Orari-Temuka-Opihi-Pareora Water Zone Management Committee meeting will be held on Monday 26 November 2018 at 2pm, in the Council Chamber, Timaru District Council, 2 King George Place, Timaru.**

### **Committee Members:**

Hamish McFarlane (Chairman), David Anderson, Phil Driver, Sue Eddington, Kylee Galbraith, John Henry, Ivon Hurst, Richard Lyon, Anne Munro, James Pearse, Lan Pham, Ad Sintenie, Glen Smith, Herstatt Ulrich and Mark Webb

# **Orari-Temuka-Opihi-Pareora Water Zone Management Committee**

**26 November 2018**

- |           |  |  |
|-----------|--|--|
| <b>1</b>  |  | <b>Welcome &amp; opening of the meeting</b>          |
| <b>2</b>  |  | <b>Apologies</b>                                     |
| <b>3</b>  |  | <b>Register of Interest</b>                          |
| <b>4</b>  | <b>1</b>   | <b>Confirmation of Minutes October 2018 meeting</b>  |
| <b>5</b>  | <b>5</b>   | <b>Correspondence – letter from Auditor General</b>  |
| <b>6</b>  |  | <b>Activities and Actions Around the Committee</b>   |
| <b>7</b>  |  | <b>Community Forum</b>                               |
| <b>8</b>  | <b>7</b><br>Plus separately<br>circulated<br>information | <b>Zone Implementation Programme Addendum (ZIPA)</b> |
| <b>9</b>  | <b>8</b><br><br>Plus additional<br>power point           | <b>Fit for Future Project</b>                        |
| <b>10</b> | <b>13</b>  | <b>Omnibus Plan Change 2019</b>                      |
| <b>10</b> | <b>Separately<br/>circulated</b>                         | <b>Canterbury Black-backed Gull/Karoro Strategy</b>  |

**Orari-Temuka-Opihi-Pareora Water Zone Management Committee**  
**for the Meeting of 26 November 2018**

**Report for Agenda Item No 4**

**Prepared by Barbara Gilchrist**  
**Facilitator**

**Confirmation of Minutes**

\_\_\_\_\_

Minutes of the October Committee meeting.

**Recommendation**

**That the minutes of the Committee meetings held on 8 October 2018, be confirmed as a true and correct record.**

## **Orari-Temuka-Opihi-Pareora Zone Water Management Committee**

**Minutes of an Orari-Temuka-Opihi-Pareora Zone Water Management Committee Meeting held in the Council Chamber, Timaru District Council, 2 King George Place, Timaru, on Monday 8 October 2018 at 2pm**

**Present** Hamish McFarlane (Chairperson), Clr David Anderson, Phil Driver, Sue Eddington, Ivon Hurst, Clr Anne Munro, Clr Richard Lyon, James Pearse, Clr Lan Pham, Ad Sintenie, and Mark Webb

**Apologies** Proposed Clr Ann Munro  
Seconded Clr Dave Anderson

“That apologies from Glen Smith, Herstatt Ullrich, and Kylee Galbraith be accepted.”

Motion carried

**In Attendance** Barb Gilchrist (Facilitator), Brian Reeve (Zone Delivery Lead), Lyn Carmichael (Senior Planner and Community Lead), Prue Thirkettle, Rhys Taylor (Community Engagement Officer), Lloyd McMillan

**Karakia** Clr Lan Pham opened the meeting with a karakia

### **1. Declaration of Interests**

There were no conflict of interests declared.

### **2. Confirmation of Minutes**

Proposed Mark Webb  
Seconded Sue Eddington

“That the minutes of the Orari-Temuka-Opihi-Pareora Water Zone Committee meeting held on 17 September 2018 be confirmed.”

Motion carried

### **Fit for Future Project**

It was noted that the OTOP Committee has not provided any input into the Fit for Future project although feedback has been received from other groups. It is an ongoing process and there may be another opportunity for engagement. The Committee requested a reminder for the next feedback opportunity. In the meantime, members are welcome to send feedback to the facilitator. The issue will be placed on the agenda for the next OTOP Committee meeting.

### **3. Activities and Actions around the Committee**

The Committee noted the public drop in sessions being held to provide industry, NGO's and the public a chance to provide feedback on the ZIPA.

### **4. Community Forum**

Rhys Taylor updated the Committee on a number of activities –

- The farming community is seeking information on Plan Change 5 and this is being prepared by ECan officers. This information will be provided to the November catchment groups.
- Catchment group activity in the OTOP zone has been relatively quiet. The Waihi and Te Moana Catchment Groups had a successful meeting a week ago, also including the Geraldine Community Board – flooding and stormwater issues were discussed in particular.
- A field trip is planned, and the OTOP committee will be invited.
- The Otupua Saltwater Creek catchment group will be launched on 29 October. This group will be distinctive as it is a rural/urban group.

### **5. Zone Delivery Update**

Brian Reeves (Zone Delivery Lead) updated the Committee on work in his field of responsibility –

- Washdyke working group, delivery of a pollution prevention programme will be developed to identify relevant consented activity that influences the lagoon, farming activities are also being looked at, and thirdly non-consented activities will be investigated – all working towards enhancing water quality in the lagoon. It was suggested that Craighead student, Heidi Vogel, could be a valuable contact person for the younger sector to be an ambassador for change.
- Reference was made to the water shortage direction from OWL, and OFRAG's involvement.
- Complaints are being received from members of the public on over irrigation.
- Water date processing has commenced – 712 non compliant water users, there is now no tolerance for data gaps, these incidences will go straight to enforcement.
- In regard to data gaps in water usage monitoring, the question was asked as to how to get accountability for service providers? It was pointed out that it is not a service provider's job to monitor compliance.
- A review is being undertaken of how consents are monitored, an internal audit system is being implemented.

### **6. Facilitator's Report**

Four applications have been received for positions on the OTOP Committee through the refresh process. It was suggested that it would be good to have an OTOP Committee member on the Waitarakao working group, to replace previous

representative John Talbot. Mark Webb volunteered and was supported by the Committee to be OTOP's representative on this working group.

## **7. Letter to Regional Committee**

The Committee noted the letter to the Regional Water Management Committee relaying concerns regarding Farm Environment Plans and Farm Management Plans. It was suggested that the letter be forwarded to ECan full Council. It was also suggested it be referred to the appropriate task group.

## **8. Timeline and Next Steps for Sub-Regional Process**

Next week there is a workshop at Arowhenua Marae. Feedback from the engagement period will be available for that workshop. 18 responses have been received to date.

The Economic impact report may be discussed at the workshop following this meeting.

The meeting concluded at 2.40pm with a karakia from Clr Lan Pham.

---

Chairperson



13 November 2018

Steve Lowndes  
Chair  
Environment Canterbury Regional Council  
By email: [Governance@ecan.govt.nz](mailto:Governance@ecan.govt.nz)

Dear Mr Lowndes

**LOCAL AUTHORITIES (MEMBERS' INTERESTS) ACT 1968 – APPLICATION FOR DECLARATION FOR REGIONAL AND ZONE MANAGEMENT COMMITTEES**

I refer to your letter dated 23 October 2018.

In 2011 and 2013 the Auditor-General granted declarations in relation to the Canterbury Regional Water Management Committee and the ten Zone Water Management Committees. The declarations enabled all members of those committees to participate in all discussions and decisions relating to the development of implementation programmes to achieve the targets and goals set out in the Canterbury Water Management Strategy, despite any pecuniary interests that members may have in those matters.

Section 6(1) of the Local Authorities (Members' Interests) Act 1968 states that members of council committees must not participate in decisions in which they have a personal financial interest. Under section 6(4), we can declare that the rule in section 6(1) will not apply to a specified matter or class of matter if we are satisfied that its application would impede the transaction of business, or that it is in the interests of the electors or inhabitants of the area for it not to apply. We granted our previous declarations based on the knowledge that many committee members will have personal financial interests in a range of matters to be discussed by the committees. We concluded that, in the circumstances, both the tests for granting a declaration were met.

The 2013 declaration expired five years from 24 October 2013. You applied for a declaration covering another five years. In a letter dated 25 October 2018, I granted an interim declaration to allow time to consider your application for a five-year declaration.

In your letter, you advised that the committees continue to play an integral role in implementing the Canterbury Water Management Strategy. As foreshadowed in your 2013 correspondence, rolling memberships have been established to enable a third of each committee to be replaced or reappointed each year, and the terms of reference for the committees have been updated accordingly. You noted in your letter that the reasons for a declaration contained in your first application and our previous decisions still apply. These are:

- the Regional and Zone Committees have been deliberately appointed to allow for a balance of all main interest groups' views;
- the committee members represent a range of interest groups made up of conservation organisations, community, agricultural industry, councils, Ngāi Tahu and Rūnanga;
- the Regional and Zone Committees are working collaboratively towards a consensus to develop and implement work programmes to achieve the Canterbury Water Management Strategy and its targets and goals.

In view of the above, I am satisfied that the grounds for the 2013 declaration still apply, and grant the declaration requested. This declaration replaces my interim declaration dated 25 October 2018.



## Declaration

I therefore make the following declaration (acting under delegated authority):

*The Auditor-General declares, under section 6(4) of the Local Authorities (Members' Interests) Act 1968, that section 6(1) of the Act will not apply to prevent any members of the following committees from discussing or voting on matters related to the development of implementation programmes to achieve the targets and goals set out in the Canterbury Water Management Strategy:*

- *Regional Water Management Committee;*
- *Kaikoura Zone Water Management Committee;*
- *Hurunui – Waiau Zone Water Management Committee;*
- *Waimakariri Zone Water Management Committee;*
- *Selwyn – Waihora Zone Water Management Committee;*
- *Christchurch – West Melton Zone Water Management Committee;*
- *Banks Peninsula Zone Water Management Committee;*
- *Ashburton Zone Water Management Committee;*
- *Orari – Opihi – Pareora Zone Water Management Committee;*
- *Lower Waitaki - South Coastal Canterbury Zone Water Management Committee; and*
- *Upper Waitaki Zone Water Management Committee.*

*This declaration expires five years from the date of this letter.*

I would be grateful if you could provide copies of this letter to relevant staff and to the members of the Committees.

Please do not hesitate to contact me if you need to discuss any aspect of this letter.

Yours sincerely



Melanie Webb  
Assistant Auditor-General, Legal

<b>Orari-Temuka-Opihi-Pareora (OTOP) Zone Committee</b>	<b>Agenda Item:</b>
Barbara Gilchrist (Zone Facilitator)	26 November 2018

**Action required:**

Approve the OTOF Water Zone Committee Zone Implementation Programme Addendum (ZIPA)

**Background:**

The OTOF Zone Committee's primary focus for 2018 has been completion of the Healthy Catchments Project (previously referred to as the 'Sub-regional Process'). This collaborative project involved the committee working with the community to develop a package of water management solutions for the zone, and these now form an Addendum to the Zone Implementation Plan (ZIPA).

The ZIPA comprises recommendations that aim to address both water quality and water quantity in the OTOF zone, along with added protection of biodiversity and sites of cultural significance. The recommendations are the result of collaboration with the community and have been subject to feedback at several points in the process.

**Recommendation:**

- **Recommend that the Orari-Temuka-Opihi-Pareora Zone Committee Adopt the OTOF Zone Implementation Programme Addendum (ZIPA) December 2018;**
- **Recommend that the Orari-Temuka-Opihi-Pareora ZIPA remain embargoed until 14 December 2018, or until Environment Canterbury, Timaru, Waimate and Mackenzie District Councils have accepted the Zone Committees recommendations as detailed in the ZIPA.**

<b>AGENDA ITEM NO:</b>	<b>SUBJECT MATTER:</b> CWMS Fit for the Future Project
<b>REPORT:</b> Canterbury Water Management Strategy: Fit for the Future Project : Zone Committee Meeting	<b>DATE OF MEETING :</b>
<b>REPORT BY:</b>	

## **Canterbury Water Management Strategy Fit for the Future Project: Engagement Paper, November 2018**

### **Purpose of the Paper**

1. The purpose of this paper is to enable Zone Committees to provide input into the Fit for the Future Canterbury Water Management Strategy (CWMS) project. This is through:
  - Providing feedback on the draft CWMS goals for 2025 and 2030
  - Giving their views on what is needed to support delivery of the Strategy.

### **Background**

2. The Canterbury Mayoral Forum has initiated a project to develop intermediary goals for 2025 and 2030 for the CWMS (between the established goals for 2020 and 2040) and complementary advice on what is needed to support delivery of the Strategy.
3. Environment Canterbury is the project lead for the project, using the following approach agreed by the Mayoral Forum:
  - While the CWMS framework is basically sound, the project needs to identify what is required to maintain and build momentum for implementation of the strategy and ensure it can be delivered, and develop intermediary goals for 2025 and 2030 to ensure the CWMS continues to provide meaningful guidance for action;
  - The establishment of six Task Groups<sup>1</sup> to focus on the ten target areas of the CWMS;
  - The establishment of a Goals Working Group to provide a forum for coordinated advice to the Regional Committee;
  - Advice to the Mayoral Forum is coordinated by the Regional Water Management Committee;
  - Reflecting the collaborative ethos of the CWMS through involving Zone Committees, territorial authorities, Ngāi Tahu, community and sector groups, district health boards and central government agencies.

### **Update on Progress**

---

<sup>1</sup> Members of the Task Groups and Goals Working Group were chosen because of their particular knowledge and water management backgrounds. They will contribute from their own mixed range of perspectives but are not representing particular interests.

4. A first round of engagement with those groups with an interest in the CWMS<sup>2</sup> was held in September and early October. Five of the six Task Groups have had two workshops. The Task Group for the Regional and National Economic Indicators target area has met once (on 19 October). The Goals Working Group met on 31 October and considered the material based on the first round of engagements and the Task Group discussions.

### Goals Working group consideration

5. The Goals Working Group has discussed the draft goals and considered at a high level the activities that should be undertaken to support the delivery of the draft goals and the Strategy.
6. The Goals Working Group noted the following issues were important in thinking about the draft goals and delivery of the Strategy:
  - The social capital that has been built up during the CWMS process is reliant on continued confidence that the CWMS targets and goals will be met. The goals need to be achievable and meet all of the CWMS values, and implementation needs to be co-designed with communities. Getting greater certainty is important, including for investment confidence.
  - There are particular concerns by iwi that cultural outcomes (for example, mahinga kai) are not being met fast enough.
  - The contribution of water and its use to the vibrancy and financial health of small communities needs to be explored.
  - We need to be smarter about the way that we collect information and report on CWMS progress.
  - There are significant resourcing and capacity issues.
  - Urban waterway quality needs greater focus.
  - There is a need to address over-allocation and the implications of doing so.

### Draft Goals and Implementation

7. Attached as Appendix 1 is the detailed table “Draft goals for 2025 and 2030”. The table sets the draft goals out by CWMS target area. For ease of reading:
  - i. A “Theme” column has been added to the table to help describe the objective of each goal.
  - ii. All of the existing targets for 2020 and 2040 are underlined.
  - iii. Percentage increases, or reductions for the 2025 and 2030 goals are yet to be determined so are denoted with ‘X%’ for further analysis.

---

<sup>2</sup> Zone Committees, community and sector groups, district health boards, central government agencies and territorial authorities.

8. Appendix 2, “Targets and Proposed Work Programmes”, is a table that sets out the targets and suggested work programmes that might be needed to support the delivery of the Strategy.
9. The two appendices are still ‘work in progress’. In particular:
  - There is a need to integrate the goals in Appendix 1 between the different target areas – there is some overlap and lack of clarity between the target areas.
  - A number of the draft goals in Appendix 1 look like elements of a work programme. Further analysis on how those proposals can be incorporated into advice to the Mayoral Forum will be carried out. That analysis will need to make sure that the proposals carry sufficient weight so that there is confidence that the mix of goals and work programmes lead to the outcomes being sought.
  - The Appendices do not as yet address the Regional and National Economies target area. This Task Group has only had one meeting, and is exploring whether the use of a framework that reflects economic, social and natural capital would be useful for the CWMS and this target area.
  - The detailed work programmes have yet to be fully developed. We are seeking views on whether the work programmes that have been identified are broadly correct, or whether they need adding to or modifying.

### **Possible areas for discussion**

10. The Goals Working Group at its meeting of 31 October thought that the following areas would be useful for groups with an interest in the CWMS to discuss:
  - Do the proposed work programmes broadly align to the targets?
  - Are there any particular actions needed and who needs to do more to achieve the work programme?
  - Are there any particular gaps in the work programme for your Zone?
  - Are the draft 2025 and 2030 goals realistic, challenging and achievable?
  - Are there any draft goals where change is necessary, and why?
11. If you have any views you can express them at this meeting and/or in writing to [cwmstargets@ecan.govt.nz](mailto:cwmstargets@ecan.govt.nz) by 28 November (although earlier comments would be appreciated).

### **Future Process**

12. This paper is part of the round of engagement on the Fit for the Future project that is scheduled from 12 November to 3 December. Following that, there will be an opportunity for Te Rōpū Tuia, the Regional Committee and the Goals Working Group to consider the results of the engagement. The Chief Executives’ Forum and Mayoral Forum will consider the outcome of this process in February and May 2019.

## Appendix 2 - Targets and Proposed Work Programmes

Target	Proposed work programmes	Who should lead /be involved
<b>Drinking water</b>	<p><b>Alignment of regional and district plans</b> – identify areas in plans that are barriers to CWMS targets</p> <p><b>Drinking water standards</b> – a programme to focus on private supplies; improvement programme for community supplies, including better compliance</p> <p><b>Comms/education</b> – develop guidance documents aimed at consistent regional application; turn data and monitoring into information that the community can use</p> <p><b>Measuring and monitoring</b> – develop a comprehensive groundwater monitoring programme</p> <p><b>Possible contaminants</b> - develop a watchlist</p>	
<b>Recreation and amenity</b>	<p><b>Measuring and monitoring</b> – develop recreational base data (flow, quality, site) and model future trends in recreation; review science behind flow regimes and flow limits</p> <p><b>Protection</b> – identify options and priorities by zone for protection and enhancement; review consents to ensure flows are met</p>	
<b>Ecosystem health and biodiversity</b>	<p><b>Comms/education</b> – use social science to develop tools for behaviour change</p> <p><b>Funding</b> – provide funding for landowners to make changes, including for land retirement</p>	
<b>Braided rivers</b>	<p><b>Regulation</b> – review flow regimes, including considering use of Cawthron methodology</p> <p><b>At risk ecosystems and restoration targets</b> – identify the ecosystems at risk and critical source areas (including groundwater); identify restoration areas</p> <p><b>Measuring and monitoring</b> – improve monitoring so success against goals can be measured</p>	
<b>Environmental Limits</b>	<p><b>Measuring and monitoring</b> – measure and review progress on meeting limits, and report to the community, sector groups, Ngai Tahu etc.</p> <p><b>Regulation and adaptation</b> – review limits in plans and the on-ground actions being taken to meet limits to assess their effectiveness.</p>	

<b>Kaitiakitanga</b>	<p><b>Marae</b> – ensure marae drinking water quality and availability (led by rūnanga)</p> <p><b>Measuring and monitoring</b>- identify Mātauranga indicators</p> <p><b>Protection zones</b> - develop actions plans for protection zones (led by Papatipu).</p> <p><b>Identify and use a generic process</b> for actions towards goals (e.g. improved mahinga kai) with year by year action plans, lead agencies, funders, communications</p> <p><b>Align work programmes</b> with existing Tuia/Ngāi Tahu programmes</p> <p><b>Comms/education</b> – develop programme for community understanding of kaitiakitanga</p>
<b>Irrigated land area and reliability</b>	<p><b>Infrastructure</b>- need to develop regional strategic storage to improve reliability.</p> <p><b>Innovation</b> – innovation support and technology needed to allow exploration of new farm systems and alternative land use</p> <p><b>Comms/education</b> – improve irrigation scheme collaboration; develop education programme for the public, schools etc</p> <p>Funding – need to explore new options for infrastructure</p> <p>Measuring and monitoring – improve data and information collection and analysis</p>
<b>Water use efficiency</b>	<p><b>Innovation</b> – increase use of new technology, such as automated control systems</p> <p><b>Benchmarking</b> – allocation and efficiency measurement to drive better water use.</p> <p>Measuring and monitoring – develop better methods for collecting and analysing water use efficiency data.</p> <p><b>Regulation</b> - new allocation models are needed.</p>
<b>Energy security and efficiency</b>	<p><b>Benchmarking</b> – better measurement to allow benchmarking of energy efficiency</p> <p><b>Innovation</b> – develop understanding of new technology</p>

For the Committee's information

<b>AGENDA ITEM NO:</b>	<b>SUBJECT MATTER: OMNIBUS PLAN CHANGE 2019</b>
<b>REPORT:</b> Upper Waitaki Water Zone Committee	<b>DATE OF MEETING:</b> 23 November 2018
<b>REPORT BY:</b> Andrea Richardson, Senior Planner – Environment Canterbury	

#### PURPOSE

1. To update the Zone Committee on progress with the Omnibus 2019 plan change to the Canterbury Land and Water Regional Plan (LWRP), which will be publicly notified in mid-2019.

#### 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 defining and managing braided river environments, indigenous freshwater fish and macroinvertebrates, National Policy Statement for Freshwater Management amendments, better provision for tangata whenua values in rules, and farming land use provisions for commercial vegetable growers. The plan change also includes Hinds Drains Working Party recommendations for the Ashburton sub-region.
3. Key milestones for the Omnibus 2019 plan change include consultation on the draft plan in early April 2019 (i.e. Schedule 1 consultation), public notification of the proposed plan change in mid-2019, a public hearing on submissions on the plan change in the second quarter of 2020 and a decision to be notified by mid-2021.

#### A NEW TOPIC – MANAGED AQUIFER RECHARGE

4. Council has recently added a new topic, Managed Aquifer Recharge, to the Omnibus 2019 plan change. This topic will assess the environmental benefits of Managed Aquifer Recharge to assist with improvements to water quality and quantity and appropriate plan provisions (such as water filtering through soils and no mixing of waters) to manage the activity.

#### UPDATE ON PROGRESS

5. Research into each plan change topic and development of potential planning solutions is occurring at slightly different paces as each topic is generally distinct from the others (as is the nature of 'omnibus' plan changes). Attachment 1 of this report provides a brief overview of each plan change topic and an update on progress.
6. Environment Canterbury will provide the Zone Committee with another progress update on Omnibus 2019 in the first quarter of 2019.



## COUNCILLOR FEEDBACK ON ADDITIONAL TOPICS

7. Earlier this year, we sought feedback from all CWMS Zone Committees, Ngā Runanga, and some key stakeholders on the proposed topics for Omnibus 2019, and whether there were any other regionally significant topics that should be included in this plan change. Based on this feedback, Environment Canterbury's Councillors have evaluated which regionally significant topics should be included in the plan change.
8. Although the Councillors recognised the resource management importance of the additional topics sought, none were added to the Omnibus 2019 work programme. The reasons for this include, some topics are being addressed through more appropriate non-statutory measures; and some topics are recommended for inclusion in a future Environment Canterbury work programme but not in Omnibus 2019 plan change. The additional topics sought and the reasons for their non-inclusion in Omnibus 2019 in outlined in Attachment 2.

## Attachment 1: Update on Omnibus 2019 topics

Topic	Progress Update
<p><b>Braided Rivers</b></p> <p>Environment Canterbury is working on a project to understand the various values in braided rivers, and to address issues for braided rivers, including uncertainty over the spatial extent of the river bed due to their dynamic nature, and increasing constriction of braided rivers due to activities such as land use intensification and flood control infrastructure. Braided river values include cultural values, terrestrial and aquatic ecology values, landscape values, recreational values and natural character values.</p> <p>In order to ensure braided rivers are appropriately managed we are seeking to:</p> <ul style="list-style-type: none"> <li>• Provide clarity on the spatial extent of the “river bed” in braided rivers; and</li> <li>• Review and potentially amend the current plan provisions to better manage the adverse effects of activities that may impact on the multiple values in braided rivers.</li> </ul>	<p>A detailed progress update on the braided rivers topic is outlined in a separate Zone Committee paper.</p> <p>In brief, Environment Canterbury met with a wide range of people at four river reaches across Canterbury to listen to views on determining the spatial extent of braided rivers and the values needing to be managed. We are now working on mapping the spatial extent of braided rivers and developing options for provisions to ensure the values are appropriately to be managed. Mahaanui Kurataiao (iwi entity) is commissioned to write a report on the cultural values of Canterbury’s braided rivers. Reports on terrestrial and aquatic ecology values, recreational values and riverscape/natural character values at four river reaches have also been commissioned.</p>
<p><b>Improvements to rules to address Tangata Whenua values</b></p> <p>A number of controlled and restricted discretionary rules in the Canterbury Land and Water Regional Plan (LWRP) 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>Environment Canterbury has commissioned Mahaanui Kurataiao (iwi entity) to review the proposed rule amendments, to identify the tangata whenua value(s) that cannot be considered but may be affected by the activity covered by the rule, and to advise whether the phrase ‘effects on tangata whenua values’ as a matter for discretion or control could be further refined to give more guidance to plan users.</p>
<p><b>Increased protection of indigenous freshwater species and habitats</b></p> <p>This topic is associated with Environment Canterbury’s strategic priority for a step change in indigenous biodiversity to meet community aspirations in managing our environment. The Omnibus 2019 plan change seeks to increase protection of indigenous freshwater</p>	<p>Environment Canterbury is working with Department of Conservation on the development of the technical report to support this topic. We are at the stage of assessing the potential planning mechanisms.</p>

Topic	Progress Update
<p>species and their habitats, including critically endangered species and valuable but declining mahinga kai.</p> <p>In addition, proposed amendments will seek to address the incremental loss of instream habitat quality and quantity that may occur through diversion, re-alignment, piping and reclamation of wetlands and streams.</p>	<p>Environment Canterbury staff have met with Mahaanui Kurataiao (iwi entity) to discuss the commissioning of a cultural report for this topic.</p>
<p><b>Salmon Spawning Sites</b></p> <p>This topic assesses the addition of potential new salmon spawning sites in addition to those already listed in Schedule 17 of the LWRP.</p>	<p>Environment Canterbury is working with Fish and Game to identify new salmon spawning sites, along with a technical report to outline the reasoning for their proposed inclusion (or otherwise).</p>
<p><b>National Policy Statement for Freshwater Management updates</b></p> <p>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 freshwater management units and limits to achieve freshwater outcomes in accordance with a National Objectives Framework. The Omnibus 2019 plan change will give effect, as far as practicable, to these amendments.</p>	<p>Technical work is underway by Environment Canterbury's Science team to incorporate these changes into the LWRP.</p> <p>A report on defining Freshwater Management Units at a region-wide scale has been commissioned to inform the scope of any changes.</p>
<p><b>Commercial Horticultural operations</b></p> <p>This plan change investigates options to better provide for the management of nutrient discharges from commercial vegetable operations. Crop rotation and lease-hold arrangements are typically undertaken by commercial horticultural growers to avoid soil-borne diseases. 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.</p>	<p>Environment Canterbury is working with HortNZ and a 'commercial horticultural grower' working group to quantify the issue and develop potential planning solutions.</p>

Topic	Progress Update
<p><b>National Environmental Standards for Plantation Forestry</b></p> <p>The National Environmental Standards for Plantation Forestry (NES-PF) came into effect on 1 May 2018 and prevails over LWRP rules except where the NES-PF specifically allows more stringent regional plan rules. The NES-PF objective is to have a single set of regulations that apply to plantation forestry operators.</p>	<p>Environment Canterbury staff have had a workshop with members of the forestry industry to discuss the application of the NES-PF in relation to the Land and Water Regional Plan.</p> <p>Environment Canterbury is engaging with Ministry for Primary Industries on potential amendments to the LWRP provisions to remove duplication/conflict and to ensure the more stringent requirements in the plan (for example suspended sediment discharges) continue to apply to plantation forestry industry activities.</p>
<p><b>Hinds Drains Working Party Recommendations</b></p> <p>This plan change will amend provisions in Section 13 (Ashburton) to give effect to the Hinds Drains Working Party's recommendations to manage water quantity in Hinds. The recommendations were provided to Environment Canterbury in 2016, endorsed by the Ashburton Zone Committee. The topics include:</p> <ul style="list-style-type: none"> <li>- Setting a minimum flow and allocation regime for Eiffelton Irrigation Scheme Drains.</li> <li>- Reducing the Hinds River allocation limit for environmental benefit</li> <li>- Changing well interference criteria to better enable switching to deep groundwater</li> <li>- New provisions for groundwater takes in a defined 'coastal strip' due to difficulties accessing deep groundwater</li> <li>- Applying stock exclusion provisions to Main and Secondary Hinds Drains, regardless of whether there is water in these drains.</li> </ul>	<p>Environment Canterbury is engaging with the Hinds Drains Working Party and the Ashburton Zone Committee on this topic.</p> <p>The technical work to support the Hinds Drains Working Party's recommendations is nearing completion. As cultural assessments were undertaken during the development of the recommendations, no additional cultural assessment is sought.</p>
<p><b>Managed Aquifer Recharge</b></p> <p>This topic will assess the environmental benefits of Managed Aquifer Recharge to assist with improvements to water quality and quantity.</p>	<p>Environment Canterbury has commissioned a report to assess the current provisions in the Land and Water Plan and provide high-level region-wide planning options. The requirement of further science and planning assessments will be considered when the planning options report is finalised.</p>

## Attachment 2: Councillor Feedback on Additional Topics Sought

Stakeholder	Additional topic requested for Omnibus 2019	Councillor Feedback
Lower Waitaki South Coastal Canterbury Zone Committee	Protection of Grey Scrub (small-leaved, highly branched shrubs such as matagouri, mingimingi and olearias)	<ul style="list-style-type: none"> <li>• Opportunity for Environment Canterbury to raise biodiversity concerns with TAs</li> <li>• Biodiversity project in the Lower Waitaki with focus on protecting grey scrub communities could be expanded to other areas of Canterbury. This is considered a more appropriate mechanism than Omnibus 2019 plan change</li> </ul>
Lower Waitaki South Coastal Canterbury Zone Committee	Water Conservation Order for Wainono Lagoon	<ul style="list-style-type: none"> <li>• An application for a water conservation order must be made to the Minister for the Environment rather than the Regional Council, and therefore cannot be progressed through Omnibus 2019 plan change</li> </ul>
Lower Waitaki South Coastal Canterbury Zone Committee	Control of the whitebait fishery to halt declining population	<ul style="list-style-type: none"> <li>• The functions of regional councils under the Resource Management Act do not include regulation of fisheries resources. However, the LWRP does have provisions in place and in development (through Omnibus 2019) to protect fishery habitat</li> <li>• LWRP currently has policies and rules to protect inanga spawning habitat.</li> <li>• Protection of habitat of other whitebait species (banded kokopu, giant kokopu, shortjaw kokopu and koaro) may be delivered through the Omnibus 2019 topic which seeks to increase habitat protection of indigenous freshwater species.</li> </ul>
Ashburton Zone Committee	Region-wide definition of 'good management practice'	<ul style="list-style-type: none"> <li>• Significant resource, budget, implementation and communications implications make this a medium to long term planning goal, but not suitable for Omnibus 2019 plan change.</li> <li>• There are environmental benefits that could be achieved through supporting stakeholder implementation of the existing framework in Selwyn and Hinds sub-regional sections of LWRP</li> </ul>
Kaikoura Zone Committee	Sediment control/management in braided river catchments in Hurunui/Waiarau and Kaikōura Zones due to Kaikōura earthquakes	<ul style="list-style-type: none"> <li>• Environment Canterbury will continue to work with Kaikōura District Council to support recovery efforts. This is a more appropriate mechanism rather than Omnibus 2019 plan change</li> </ul>

Stakeholder	Additional topic requested for Omnibus 2019	Councilor Feedback
Kaikoura Zone Committee	Provide increased predator control	<ul style="list-style-type: none"> <li>Implementation of the Canterbury Regional Pest Management Plan is the most effective tool to deliver on this objective</li> <li>Not possible to include in Omnibus 2019 plan change (not legislated by RMA)</li> </ul>
Regional Committee	Farm Environment Plans (LWRP Schedule 7) to include the management of indigenous biodiversity, ecosystems and habitats.	<ul style="list-style-type: none"> <li>LWRP Schedule 7: Farm Environment Plan already requires landowners to identify sites of "significant indigenous biodiversity" in their FEPs.</li> <li>Environment Canterbury will continue to work with district councils to identify 'significant indigenous biodiversity' in their district plans and develop appropriate controls to preserve these sites. This is a more appropriate mechanism rather than Omnibus 2019 plan change</li> </ul>
Fish & Game (Central South Island and North Canterbury)	Rule 5.62 LWRP (nutrient discharges for irrigation schemes and principal water suppliers) - Notification restrictions and nutrient loss conditions	<ul style="list-style-type: none"> <li>Risk that removal of notification restrictions may deter schemes from applying for global discharge consents or may encourage schemes to apply for a higher nutrient load</li> <li>Risk that amending Rule 5.62 so soon after Plan Change 5 LWRP is settled will distract from its implementation</li> </ul>
Fish & Game (Central South Island and North Canterbury)	Identification of 'outstanding freshwater bodies' in LWRP.	<ul style="list-style-type: none"> <li>Due to resourcing requirements to undertake this work, it is recommended for inclusion in a future Environment Canterbury work programme but not in Omnibus 2019 plan change.</li> </ul>
Canterbury District Health Board	Priority for water permits to take groundwater for community drinking water supplies	<ul style="list-style-type: none"> <li>Any amendments to LWRP drinking water supply provisions should await the outcome of the Three Waters Review. Therefore, do not include in Omnibus 2019.</li> </ul>
Canterbury District Health Board	Adverse effects of district heating and cooling systems on drinking water quality	<ul style="list-style-type: none"> <li>Do not include in Omnibus 2019 plan change due to lack of information to support this concern (or otherwise)</li> </ul>