

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

on

Monday 1 April 2019

1pm

**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 1 April 2019 at 1pm, in the Council Chamber, Timaru District Council, 2 King George Place, Timaru.

Committee Members:

Hamish McFarlane (Chairman), David Anderson, Phil Driver, Sue Eddington, John Henry, Richard Lyon, Lucy Millar, Anne Munro, Lan Pham, Luke Reihana, Glen Smith, Herstatt Ulrich and Mark Webb

Orari-Temuka-Opihi-Pareora Water Zone Management Committee

1 April 2019

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|----------|-----------|--|
| 1 | | Welcome & opening of the meeting |
| 2 | | Apologies |
| 3 | | Register of Interest |
| 4 | 1 | Confirmation of Minutes November 2018 meeting |
| 5 | 7 | Working of OTOP Zone Committee 2019 |
| 6 | 10 | ZIPA and Post ZIPA |
| 7 | 15 | Facilitator's Update |
| 8 | | Closing karakia |
| 9 | | Afternoon Tea |

Orari-Temuka-Opihi-Pareora Water Zone Management Committee
for the Meeting of 1 April 2019

Report for Agenda Item No 4

Prepared by Lesley Woudberg
Facilitator

Confirmation of Minutes

Minutes of the November 2018 Committee meeting.

Recommendation

That the minutes of the Committee meetings held on 26 November 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 26 November 2018 at 2pm

Present Hamish McFarlane (Chairperson), Phil Driver, Sue Eddington, John Henry, Kylee Galbraith, Ivon Hurst, Clr Anne Munro, Clr Richard Lyon, Clr Lan Pham, Ad Sintenie, Glen Smith, Herstatt Ullrich and Mark Webb

Apologies Proposed Mark Webb
Seconded Lan Pham

“That apologies from Clr David Anderson and James Pearse be accepted, and Clr Richard Lyon for lateness.”

Motion carried

In Attendance Lesley Woudberg (Facilitator), Clr Peter Scott (ECan), Craig Davison (ECan), Lyn Carmichael (ECan), Mellissa Robson-Williams, Lochiel McKellar (ECan), Kate Doran (ECan), Prue Thirkettle, Matthew Ross (TRONT), Trina Davidson (TRONT), Lionel Hume (Federated Farmers), John Benn (Department of Conservation)

Karakia Hamish McFarlane welcomed everyone to the formal meeting.

1. Declaration of Interests

Herstatt Ullrich declared that he has been elected to the Board of Directors of Opuha Water Limited.

2. Confirmation of Minutes

Proposed Sue Eddington
Seconded Anne Munro

“That the minutes of the Orari-Temuka-Opihi-Pareora Water Zone Committee meeting held on 8 October 2018 be confirmed.”

Motion carried

3. Correspondence – letter from Auditor General

The Committee received correspondence from the Auditor General.

4. Activities and Actions around the Committee

The Committee noted the Otipua-Saltwater Creek Catchment Group launch meeting (29 October 2018). More than 50 people attended the meeting, Mark Webb gave an update during the General Business part of this meeting. The next meeting is scheduled for 29 November 2018.

5. Community Forum

Nil.

6. Zone Implementation Programme Addendum (ZIPA)

Proposed Kylee Galbraith
Seconded Ad Sintenie

“That the Committee adopts the Orari-Temuka-Opihi-Pareora Zone Implementation Programme Addendum December 2018 subject to the changes made during the workshop on 26 November 2018.”

Motion Carried

Clr Lan Pham acknowledged this is a milestone for the Committee and took a moment to reflect on the process –

- Thanked the Committee members for their time and commitment throughout this process.
- Thanked John Talbot (former Chair) and the late Mandy Waaka-Home (Te Rūnanga o Arowhenua representative) for their commitment and contributions to the ZIPA.
- Thanked the staff for their assistance and diligence.
- Noted the non-statutory components of the ZIPA and that responsibility now passes to the four Councils to deliver with funding and resources, so the Committee and community see results.
- Apologised to the community that this is still far from where we want to be, but the Committee is proud of this step forward to achieving the outcomes that the community desires.

Clr Peter Scott quoted Winston Churchill –

- *“This is not the end. It is not even the beginning of the end. But it is, perhaps, the end of the beginning.”*
- Acknowledged the significant amount of work done by all people involved.
- Acknowledged the community who fed into the process.
- Acknowledged staff, in particular Lyn Carmichael, Craig Davison and Dan Clark.
- Acknowledged John Henry’s contribution in particular over the past six months, including clarifying to the Committee the role and position(s) of To Rūnanga o Arowhenua.

- Acknowledged Hamish McFarlane for his chairmanship of the Committee.

Clr David Anderson (by email, read by Hamish McFarlane) –

My congratulations and appreciation to the OTOP committee and ECan staff for the work and effort they have all put into getting the draft ZIPA completed.

We have all had to make compromises and readjustments to our views to come up with a truly consensus view. But we now placed have a serious stake in the ground which our community can monitor and measure water quality improvements in the OTOP region.

Clr Richard Lyon acknowledged Dermott O’Sullivan (a former Chair of the Committee) for his early contributions to the process.

Hamish McFarlane –

- Thanks to the Committee, everyone has learnt a lot throughout this process and handled the pressure well.
- Members have stayed true to their ideals and the ZIPA is a strong document which reflects the different personalities of each of us.
- Future generations will be the judge, but hopefully the members are proud of where the group has got to.
- Appreciative of all the ideas and robust discussions that went into this document, and members must keep staying true, and having new ideas because everyone is still acting towards a bigger picture.
- “[A masterpiece] is never finished, only abandoned.” – Leonardo da Vinci
- Special thanks to the four committee members who are leaving at the end of 2018 for the time they have put in to this document (Kylee Galbraith, Ivon Hurst, Ad Sintenie and James Pearse).

Hamish McFarlane congratulated all the Committee members.

Proposed Phil Driver
Seconded Ivon Hurst

“That the Orari-Temuka-Opihi-Pareora ZIPA remains embargoed until 14 December 2018.”

Motion Carried

7. Fit for Future Project

Lesley talked about the CWMS Fit for Future Project (FFF)

- There is a process in place for setting intermediary targets
- The FFF team is planning to present a draft set of targets at the Mayoral Forum in April 2019.
- While there has been little direct engagement with the OTOP Zone Committee due to its recent focus on the ZIPA, the Committee’s draft recommendations have been continually fed to the FFF team, to make sure OTOP targets have been aligned with the work.

- Other Zone Committees have been considering work and feeding back about the draft targets.
- Committee Members are invited to review the draft work programme and send individual responses (Lesley Woudberg to circulate feedback details). Feedback on work programmes will ideally be submitted before the Christmas break.
- The Committee can also provide feedback in the new year via Hamish McFarlane, who sits on the Regional Committee.

Cr Lan Pham asked that “Cultural Sites” be included in the table (Slide 9).

8. Omnibus Plan Change 2019

The Facilitator introduced the paper.

- Timeframes for Omnibus Plan Change to be aligned with the OTO Plan Change (and Waimakariri).
- The Omnibus responds to region-wide issues in the Canterbury Land and Water Regional Plan, topics are outlined in the paper.
- The Committee will engage more on this Plan Change next year.
- Anne Munro asked how often Omnibus Plan Changes happen?
- Staff response – approximately 4 year cycles from the last one being made operative, they are a clean-up, or tweaking tool. This one has a region-wide focus, but that does not rule out having more catchment specific ones in the future. Cllr Peter Scott also noted that the frequency of future omnibus plan changes is also dependent on staff capacity.

9. Canterbury Black-backed Gull/Karoro Strategy

The Facilitator gave a brief summary of the paper. She will mail out hard copies as some Committee members are having trouble viewing the document on screens.

10. Committee Members retiring

Hamish McFarlane noted that this is the last meeting for Committee Members Kylee Galbraith, Ivon Hurst, Ad Sintenie and James Pearse (apology due to extreme weather).

Ivon Hurst –

- Noted the importance for the membership of committees like this to change over to ensure continued new ideas and initiatives. *"Indeed it has been said that democracy is the worst form of Government except for all those other forms that have been tried from time to time "* – Winston Churchill. The diverse views of the Committee mean the document (ZIPA) produced will please some people in some regards, and others in other regards.
- Thanked Committee members and wished them all the best for the future.

Ad Sintenie –

- Has been on the committee since its inception, approximately 8 years ago. The beginning was about asking where people would like to be in 2, 5 and 10 years time.
- Things are moving in the right direction, but it would have been nice if goals were achieved at a faster pace, where we are now was probably a 5 year goal, but the direction is right.
- The committee must keep thinking about the world and making rivers clean and healthy for the next generations.

Kylee Galbraith –

- Has learnt a lot being on the committee (membership of approximately 5 years). Has been glad to stay and see the ZIPA through.
- Everyone has been unhappy in certain decisions but sometimes we must be realistic.

This document (ZIPA) is the first step and will result in good improvements, but there is a long way to go!

Hamish McFarlane thanked Kylee Galbraith, Ivon Hurst, Ad Sintenie and James Pearse for their service to the Committee.

11. General Business

- Mark Webb – attended the first Otipua-Saltwater Creek Catchment meeting, it was to provide general information about the catchment. The meeting later this week will be about forming a catchment group. They are expecting reasonable attendance/turnout given the numbers at the last meeting.
- Hamish McFarlane – would like to include correspondence received by members of the community in future meeting agendas. The Committee supports this inclusion.
- Hamish McFarlane – would like to do a debrief with the committee in the new year about the process of writing the ZIPA and how they did things, also what worked and what did not work.

The meeting concluded at 2:46pm with a karakia from John Henry.

Chairperson

Orari-Temuka-Opihi-Pareora Water Zone Management Committee
for the Meeting of 1 April 2019

Report for Agenda Item No 5

Prepared by Lesley Woudberg
Facilitator

Working of OTOP Zone Committee 2019

Purpose

- To remind ourselves of the purpose and conduct of the zone committee as set out in the Terms of Reference and Code of Conduct.
- Review and amend, if needed, our ways of working such as meeting dates, times, location.
- Elect the Chair, Deputy Chair and Regional Representative for 2019 as required in the committee's Terms of Reference.

Staff Recommendation

That the Orari-Temuka-Opihi-Pareora Zone Committee decides to:

1. Elect

XX as Chair for 2019

XX as Deputy Chair for 2019

XX as Regional Representative for 2019

2. Meet 1:00pm- 6:00pm as set out in the following schedule

6 May	2 September
10 June	7 October
1 July	4 November*
5 August	2 December*

- These meetings are indicative only, as Councils will need to re-establish joint committee meetings after the local government elections.

The Zone Committee

The OTOP Zone Committee is established under the auspices of the Local Government Act 2002 to give effect to the Canterbury Water Management Strategy 2009 in the OTOP zone.

The Committee is a joint committee of Timaru, Waimate and Mackenzie District Councils and Environment Canterbury.

OTOP TERMS OF REFERENCE

Purpose and Functions

The purpose and function of the committee

- *Facilitate community involvement in the updating of a Zone Implementation programme that gives effect to the Canterbury Water Management Strategy in the OTOP zone; and*
- *Monitor progress of the implementation of the Zone Implementation Programme.*

**OTOP ZIPA
COMPLETED
Dec 2018**

**OTOP ZIPA
IMPLEMENTATI
ON BEGINS**

Election Chair, Deputy Chair and Regional Committee Representative

Each year, the Committee is required to elect the Chair and Deputy Chair from the membership by simple majority. There is no limit on how long a person can be in either of these positions.

The Committee also needs to appoint a member to represent the committee on the regional committee.

Process to Elect of Chair and Deputy Chair (ref. District Council Standing Orders)

A local authority or a committee (if the local authority has so directed) must determine by resolution that a person be elected or appointed by using one of the following systems of voting:

- (a) [System A]; or
- (b) [System B].

System A

(a) requires that a person is elected or appointed if he or she receives the votes of a majority of the members of the local authority or committee present and voting; and

(b) has the following characteristics:

- (i) there is a first round of voting for all candidates; and
- (ii) if no candidate is successful in the round there is a second round of voting from which the candidate with the fewest votes in the first round is excluded; and
- (iii) if no candidate is successful in the second round there is a third, and if necessary subsequent round of voting from which, each time, the candidate with the fewest votes in the previous round is excluded; and
- (iv) in any round of voting, if 2 or more candidates tie for the lowest number of votes, the person excluded from the next round is resolved by lot.

System B

(a) requires that a person is elected or appointed if he or she receives more votes than any

other candidate; and

(b) has the following characteristics:

(i) there is only 1 round of voting; and

(ii) if 2 or more candidates tie for the most votes, the tie is resolved by lot.

[cl. 25, Schedule 7, LGA]

Orari-Temuka-Opihi-Pareora Water Zone Management Committee
for the Meeting of 1 April 2019

Report for Agenda Item No 6

Prepared by Lesley Woudberg
Facilitator

ZIPA and Post ZIPA

Purpose

To provide the OTOP zone committee with information on the;

- Decisions made by councils as they received the OTOP ZIPA
- Resource Management Act planning process and likely time frames
- Non-regulatory recommendations.

Recommendation

That the OTOP zone committee considers the focus and priorities of the Committee in 2019.

Report

The table below shows the date each council received the OTOP ZIPA and the decision each council made.

Council	Date	Decision
Environment Canterbury	13 Dec 2018	Resolved That the Council: 1. Receives the Zone Implementation Programme Addendum for the Orari-Temuka-Opihi-Pareora Zone, as adopted at their 26 November meeting. 2. Endorses the Zone Implementation Programme Addendum as the basis for drafting planning provisions for the Orari-Temuka-Opihi-Pareora section of the Land and Water Regional Plan and any consequential changes to any other regional plans. 3. Notes that:

		<p>a. Some of the recommendations in the Zone Implementation Programme Addendum are being addressed through current work programmes.</p> <p>b. Some recommendations will require additional funding. Securing additional funding will form part of ongoing discussions with Zone Committees to prioritise actions and identify funding sources.</p> <p>c. Any additional funding from Environment Canterbury will need to be secured through a future Annual Plan or Long-Term Planning process.</p> <p>Cr Pham / Cr Scott CARRIED Cr Cranwell abstained from the vote and requested that this be recorded</p>
Timaru DC	11 Dec 2018	<p>Proposed Clr Lyon Seconded Clr Burt</p> <p>a "That the Council notes the update in this report. b That the Council receives the ZIPA for the Orari-Temuka-Opihi-Pareora Zone." Motion carried</p>
Mackenzie DC	11 Dec 2018	<p>STAFF RECOMMENDATIONS</p> <ol style="list-style-type: none"> 1. That the information be noted. 2. That Council receives the Zone Implementation Plan Addendum for the Orari-Temuka-Opihi-Pareora Zone. <p>RESOLUTION 2018/238 Moved: Cr Paul Hannagan Seconded: Cr Stuart Barwood 1. That the report be received. CARRIED</p> <p>RESOLUTION 2018/239 Moved: Cr Paul Hannagan Seconded: Cr Chris Clarke</p>

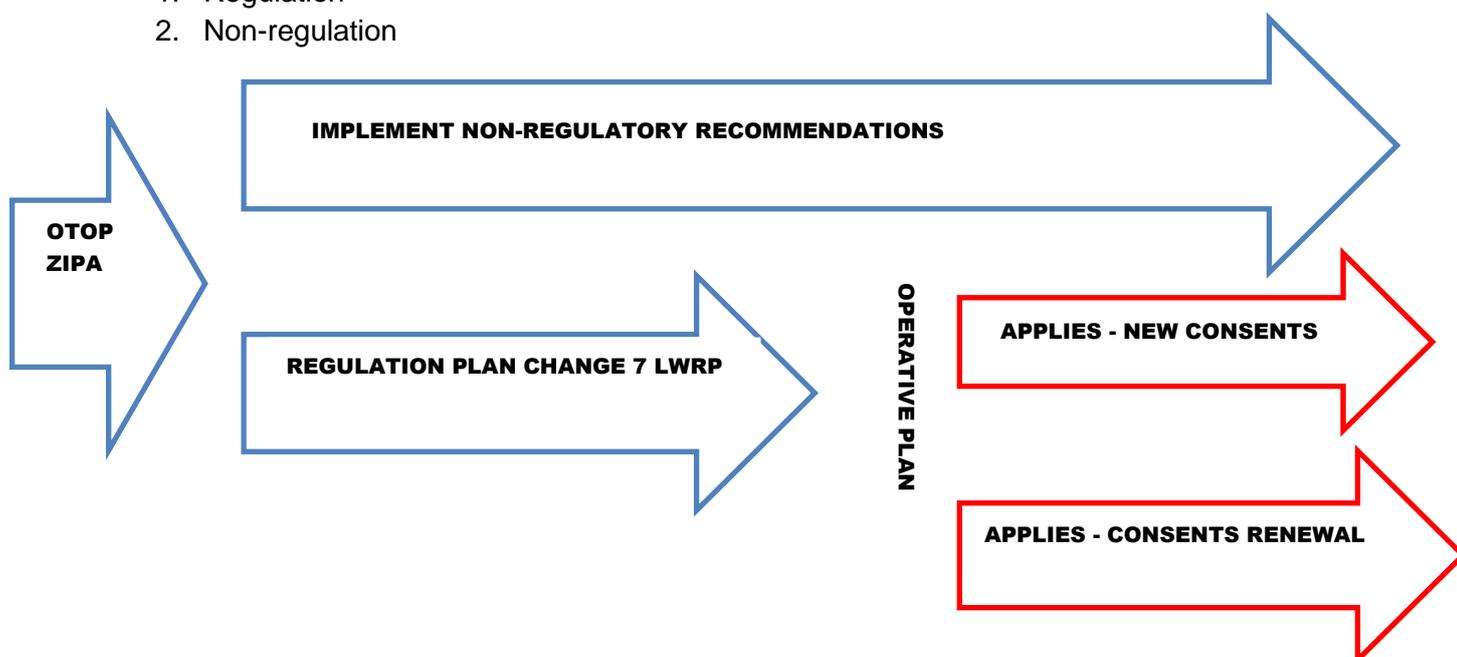
Waimate DC	29 Jan 2019 Environmental Services and Finance Cmtt Mtg	COMMITTEE RESOLUTION 2019/6 Moved: Mayor Craig Rowley Seconded: Cr Peter Collins RECOMMENDATION 1. That the Orari-Temuka-Opihi Pareora Zone Implementation Programme Addendum report be accepted; and 2. That the Environmental Services and Finance Committee receive the Orari-Temuka-Opihi-Pareora Zone Implementation Programme Addendum.
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Regulatory and Non-Regulatory Recommendations

There are 54 recommendations. Almost all the recommendations have a number of sub-recommendations making the number of recommendations well over one hundred.

The recommendations fall into two general categories

1. Regulation
2. Non-regulation



Since all councils received the ZIPA, Environment Canterbury staff have been sorting the recommendations into categories to identify the recommendations most appropriately expressed in -

- a) A plan change to the *Land and Water Regional Plan*
- b) Actions currently provided for in regional council work programmes
Environment Canterbury is budgeting \$31million on Freshwater Management in the 2019/20 Draft Annual Plan <https://rates.ecan.govt.nz/desktop.php#Viewer>
- c) Actions that are appropriately addressed by others or currently have no owners

Regulation

Planners from Environment Canterbury will brief the committee on the drafting of Plan Change 7 (ie. OTOP sub-regional) to be notified in June 2019. Environment Canterbury, as the regulator, leads this plan making process, governed by the conventions of the Resource Management Act (1991).

An indicative timeframe for Plan Change 7 is set out below. Appendix 1 is an example of a plan making timeframe (eg. Plan Change 2 Hinds Catchment).

Indicative Timeline for Plan Change 7 OTOP

ZIPA Completed Dec 2018	Endorsed by ECan 13 Dec 2018	RMA 1st Schedule Consultation Jan-June 2019	RMA Plan Change 7 Notified June 2019	RMA Hearing Feb 2020	RMA Decisions ?? 2020	RMA Appeals ??	RMA Plan Change 7 Operative
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Non-Regulation

Environment Canterbury's OTOP Delivery Lead, Brian Reeves, will provide the committee with an update on progress in May on the non-regulatory actions the council currently has budgeted for in work programmes.

Other councils, agencies, District Health Board, industry, NGOs and research organisations will also have work addressing all or part of a recommendation in their current work programmes. The zone committee may wish to invite these groups along at some stage to report on their activities.

Future Work of the Zone Committee

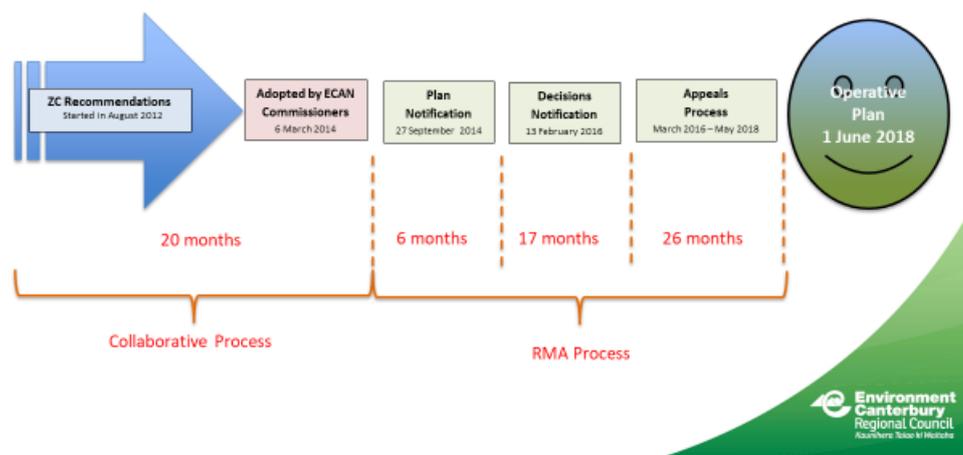
There are a number of recommendations in the OTOP ZIPA that are not part of a current work programme and no-one has ownership to deliver them.

To ensure these recommendations are worked on, the zone committee will need to prioritise the recommendations and develop strategies for what it, as a committee, will do to promote them to the appropriate group.

Appendix 1

CHANGE 2 LAND AND WATER REGIONAL PLAN - HINDS PLAINS

Plan development timeframe



OTOP ZONE COMMITTEE TERMS OF REFERENCE

Purpose and Functions

The purpose and function of the committee is:

- Facilitate community involvement in the development, implementation, review and updating of a Zone Implementation programme that gives effect to the Canterbury Water Management Strategy in the OTOP zone; and
- Monitor progress of the implementation of the Zone Implementation Programme.

OTOP ZIPA
COMPLETED
DEC 2018

OTOP ZIPA
IMPLEMENTATION
BEGINS 2019

Orari-Temuka-Opihi-Pareora Water Zone Management Committee
for the Meeting of 1 April 2019

Report for Agenda Item No 7

Prepared by Lesley Woudberg
Facilitator

Facilitator's Update

Purpose

To provide the OTOP zone committee with information on;

- Upcoming events
- Progress on issues raised in previous meetings
- Photos field trip 4 March
- Papers for information
 - Omnibus Plan Change Update
 - 2018 OTOP Annual Report (attached).

Recommendation

That the OTOP zone committee notes the Facilitator's report.

Report

1. Upcoming Events

DATE	EVENT
11 April	2018 OTOP Annual Report presented to Environment Canterbury
30 April	2018 OTOP Annual Report presented to Waimate DC
7 May	2018 OTOP Annual Report presented to Mackenzie DC
28 May	2018 OTOP Annual Report presented to Timaru DC
14 June	CWMS Zone Committee Chairs and Deputy Chairs meeting
June	Notification OTOP Plan Change <i>Land and Water Regional Plan</i>
June	Notification Omnibus Plan Change <i>Land and Water Regional Plan</i>

2. Progress on Issues raised in previous meetings

DATE	ISSUE	STATUS
4 March	Dates and time of ZC meetings	Discussion scheduled - 1 April
	Opportunity for strategic discussion on ZC priorities	Discussion scheduled – 6 May??

3. Field Trip 4 March

Milford Lagoon – Bonifacio Family Farm

OTOP ZC granted \$22,000 Immediate Steps funding 2018

Bonifacio Farms contribution \$30,000+ plus predator control effort



Waihi Gorge Station

Stock exclusion/fencing to reduce *E.coli* and sediment at Waihi Gorge Camp site

Waihi Gorge contribution approximate \$34,000



4. Papers for Information

AGENDA ITEM NO:	SUBJECT MATTER: OMNIBUS PLAN CHANGE 2019
REPORT: OTOP Zone Committee	DATE OF MEETING:
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>1 Improvements to rules to address Tangata Whenua values</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"> - Wastewater & greywater discharges to land - Pit toilet discharges to land - Excavation of material over an aquifer
<p>2 Braided Rivers</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>3 Increased protection of indigenous freshwater species and habitats</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</p>	<p>Methods to increase protection in the plan may include:</p> <ul style="list-style-type: none"> - identification of certain indigenous freshwater species habitat and their protection from activities that may damage these areas

Omnibus topic description	Policy direction
<p>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>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.</p>	<ul style="list-style-type: none"> - For migratory fish, enabling the removal/reconstruction of fish passage barriers such as weirs or perched culverts - Restrict the permanent realignment or piping of waterways - Restrict diversions that would cause the loss of water from any braid or river reach
<p>4 Schedule 17 Salmon Spawning Sites</p> <p>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.</p>	<p>Potential amendment to Schedule 17 to include new sites in consultation with Fish and Game.</p>
<p>5 Schedule 6 – Areas of Rivers or Lakes Commonly used for Freshwater Bathing</p> <p>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.</p>	<p>Potential amendment to Schedule 6 to include additional areas, developed from three information sources:</p> <ul style="list-style-type: none"> - Environment Canterbury’s recreational health monitoring programme; - River Values Assessment System report; and - Canterbury Water Management Zone Committee feedback. <p>Refer to Attachment 2</p>

Omnibus topic description	Policy direction
<p>6 National Policy Statement for Freshwater Management updates</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 limits to achieve freshwater outcomes in accordance with a National Objectives Framework.</p>	<p>Potential amendments to LWRP Tables 1a and 1b (freshwater outcomes for rivers and lakes) and Schedule 8 (region-wide water quality limits).</p>
<p>7 National Environmental Standards for Plantation Forestry</p> <p>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.</p>	<p>Consolidate existing rules into one new rule for plantation forestry activities that will address:</p> <ul style="list-style-type: none"> - Discharge of sediment into a surface waterbody - Potential damage and disturbance to indigenous freshwater species habitat including inanga spawning habitat - Potential damage to wetlands - Replanting and planting within any Flow Sensitive Catchment
<p>8 Commercial vegetable operations</p> <p>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</p>	<p>Potentially new definitions (baseline commercial vegetable growing area; commercial vegetable growing), new policies and rules.</p>

Omnibus topic description		Policy direction
	the land is restricted by the crop type grown (or other land use) during the nitrogen baseline period.	
9	<p>Managed Aquifer Recharge</p> <p>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).</p>	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.

Orari Temuka Opihi Pareora Zone Committee

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

Table 1. 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)
South Canterbury	Orari River at Orari Gorge	1454820	5134629	1,000
	Lake Opuha at Ewarts 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	143687 9	509204 3	1,000
Pareora River at Lindisfarne	142873 3	508866 1	1,000
Pareora River at Evans Crossing	144403 4	508203 1	1,000
Pareora River at Brasells Bridge	145183 5	507546 9	1,000
Pareora River at Huts	144530 4	508056 9	1,000
Otaio River at Otaio Gorge	143545 8	506796 6	1,000
Waihao River at Black Hole	143844 5	503783 2	1,000
Waihao River at Gum Tree Road (Dons Hole)	144382 4	503803 2	1,000
Waihao River at Bradshaws Pools	145409 0	504040 0	1,000

2018 Annual Report



Recommendations for future water management a major milestone



Hamish McFarlane
Orari Temuka Opihi Pareora
Water Zone Committee Chair

Finalising recommendations for local water management was the committee's major focus and achievement during 2018. I'd like to thank my fellow committee members for their dedication - and many hours of extra work - needed to complete our Zone Implementation Programme Addendum (ZIIPA).

The recommendations provide a pathway towards meeting the community's expectations for water for our whānau, businesses and the environment. As a committee, we know these recommendations may go too far for some and not far enough for others - it has been a balancing act and we have considered feedback across the spectrum.

The more than 100 recommendations focus on protecting and enhancing drinking water, mahinga kai and sites of cultural significance, native species, and maintaining a reliable source

of water that contributes to the economy.

A huge thank you to the team who have allowed the zone committee to get to this point: the late Mandy Waaka-Home, former chairs John Talbot and Dermott O'Sullivan, past zone committee members Kylee Galbraith, Ad Sintinie and James Pearce, who kindly remained on the committee until the conclusion of the ZIIPA. Plus, the many people who have supported Catchment Groups, working parties, public consultation meetings and kindly provided feedback on our drafts.

Our recommendations require buy-in from our landowners, our local councils and our communities - whether they be urban or rural. We hope you will join us as we take this important step towards healthier waterways for our future generations.

Key achievements 2018

- Finalised the ZIP Addendum that includes more than 100 recommendations to improve water quality and quantity in the OTOPI zone.
- Supported the launch of the Otupua-Saltwater Creek catchment group, which includes motivated community members who want to help improve water quality, flows and biodiversity in the catchment.
- Allocated \$100,000 of Immediate Steps biodiversity funding to projects in the zone with a focus on coastal environments.
- Provided ongoing support for the protection and enhancement of roosting habitat for the endangered long tail bats, near the Te Ngāwai River. A joint predator control project is also underway with the Department of Conservation and forestry company Port Blakely.
- Continued to support landowners to implement Good Management Practices (GMP) with a strong focus on working one-on-one with landowners farming within the community drinking water protection zones.

In early July, the zone committee celebrated the contribution of former chair, John Talbot, by having a working bee to provide new homes and better habitat for the endangered long-tailed bat. Committee members and their families spent a day installing bat roosting boxes on old-aged trees and planting native seedlings near Te Ngāwai River, where the rare bats are known to 'hang out'.



Orari Temuka Opihi Pareora Water Zone Committee

Delivering the community's vision for freshwater

The Canterbury Water Management Strategy (CWMS) puts finding solutions for freshwater management in the hands of the community, with support from councils, Ngāi Tahu, and others. The strategy sets out freshwater goals and targets to deliver the community's vision for freshwater.

“To gain the greatest cultural, economic, environmental, recreational and social benefits from our water resources within a sustainable framework both now and for future generations.”

Each of the ten community-led water zone committees work collaboratively to develop freshwater recommendations to ensure council plans give effect to these goals and targets.

Within each target area there are several specific time-bound targets to be achieved and these are monitored and reported on to ensure progress is being made.

The target areas are shown below - read some of the stories about what is being done in the zone to work toward these targets on the next page.

CWMS Targets

 Ecosystem health and biodiversity	 Kaitiakitanga	 Recreational and amenity opportunities	 Irrigated land area	 Regional and national economies
 Natural character of braided rivers	 Drinking water	 Water use efficiency	 Energy security and efficiency	 Environmental limits

The not so secret lagoon success

You may not have heard of the secretive bittern before - it tends to fly under the radar and hang out in hard to get to places.

The good news is that a local project at Milford Lagoon is now under way to provide a better habitat for these rare birds, as well as other native species including inanga (whitebait).

A total of \$44,000 has been allocated from the zone committee's Immediate Steps fund to three separate projects at Milford and Orari lagoons and the coastal wetland at Ellis Road.

All three sites are important to the local rūnanga as mahinga kai gathering sites, as well as places of cultural significance.

Milford Lagoon, which received \$22,000 of biodiversity funding, is a large coastal lagoon that is a nationally important breeding area and nursery for fish, a whitebait spawning area and habitat for native bird species. The threats to the lagoon include the steady encroachment of crack willow and yellow flag iris, as well as the impact of pest animals.

The project involves working with the landowner on predator control, willow control and native planting over the next few years.

Other coastal lagoons within the zone, including Timaru's Waitarakao Washdyke Lagoon, will continue to be a key focus for the committee in 2019.

| Milford Lagoon received Immediate Steps biodiversity funding of \$22,000 to improve habitat for native species.



New catchment group for Otipua-Saltwater Creek

A new river catchment group was launched in October to improve water quality and flow issues at Otipua-Saltwater Creek, one of Timaru's main urban/rural waterways.

More than 50 local people attended the first meeting, which featured a presentation on key issues facing the waterway, and a core group have continued to attend follow up events.

Rhys Taylor, who is facilitating the group on behalf of the zone committee, says the catchment group will provide an opportunity for local people to connect and contribute to a key waterway in their area.

"Whether you're a cyclist, dog-walker, property owner or an interested community member – you're welcome to come along to the new catchment group. You don't need to have a scientific or environmental background – just an interest in Otipua-Saltwater Creek's future."

Upcoming activities include sharing information for all landowners on good management practices that protect water quality, volunteering to help plant and manage water-side (riparian) planting and arranging community events and field visits and encouraging industry and households to improve urban stormwater.

More information is available at www.ecan.govt.nz/saltwatercreek.



Timaru Boys' High School students Josh Earnshaw (left) and Nico Evans (right) at the Otipua-Saltwater Creek Catchment Group launch event.

Community feedback kicks off with touring roadshow

A family friendly community roadshow around five South Canterbury towns was one of the ways the committee gained feedback on its draft recommendations for managing water resources during 2018.

During January and February, the roadshow toured five locations – Fairlie, Pleasant Point, Pareora, Geraldine and Timaru – to answer questions and provide a chance for feedback on the draft Zone Implementation Programme Addendum (ZIPA).

These sessions included informal Q&A sessions with the committee members and scientific and technical staff from Environment Canterbury – as well as some fun activities for children including looking at what lives in the local rivers. Feedback on the proposed recommendations was collected from attendees via a simple form at the event, or via email, phone or a written submission.

More community engagement took place in April before the zone committee released an updated draft ZIPA in September for further community feedback.

The finalised OTO ZIPA recommendations were released in December and are available to view from Environment Canterbury offices or at www.ecan.govt.nz/OTOPZIPA



Water Zone Committee member, Ad Sintnie, with a young community roadshow participant in Geraldine.

Future challenges and opportunities

Implementing the recommendations in the OTO ZIP Addendum

In 2019, the zone committee will turn their focus to implementing the recommendations in the OTO ZIPA. Some of these recommendations will inform the development of a sub-regional plan change to the Canterbury Land and Water Plan. This plan change will be notified in June 2019 and will set new rules for the management of water quality and quantity in the OTO ZIP Zone. Other recommendations in the ZIPA will be delivered through practical 'on the ground' projects, which will require the ongoing support of the community, primary sector, rūnanga, Environment Canterbury and District Councils.

Helping farmers Implement Good Management Practices (GMP)

Many farmers are already operating at, or beyond, industry-agreed GMP, however, some have more work to do. To support these farmers, industry and Environment Canterbury will continue to work with catchment groups, host farm visits and work one-on-one with farmers to help landowners understand what GMP looks like in practice.

A focus on water efficiency

South Canterbury water users are often on restrictions due to low flows in rivers and streams. Effective and efficient irrigation practices not only reduce water use but can reduce nutrient leaching and maximise productivity. During the 2018/2019 summer Irrigation NZ ran its water efficiency 'bucket' testing programme and provided farmers in the OTO ZIP zone with advice on how to increase the performance of their irrigators. This year, the committee will work with industry to remind farmers about the importance of maintaining their irrigator prior to the next irrigation season.

Otipua-Saltwater Creek Catchment Group

The Otipua-Saltwater Creek catchment in Timaru is home to farms, lifestyle blocks, the rowing club and is a popular recreation area. The new Catchment Group involves a wide range of members including recreational users, Timaru schools, urban ratepayers, local industry and landowners. In 2019, the group will focus on understanding the water quality and quantity issues in the catchment and taking action to address them.



The committee with its final recommendations, the Zone Implementation Programme Addendum (Chair Hamish McFarlane pictured front row centre).

Orari Temuka Opihi Pareora Zone

The zone covers the area from the Rangitata River to the southern boundary of the Pareora River, from Burkes Pass to the sea. It includes Timaru as well as the rural townships of Fairlie, Temuka, Pleasant Point and Geraldine. It is a joint committee of the Timaru, Waimate and Mackenzie District Councils and Environment Canterbury. It is in the role of Arowhenua Rūnanga.

Key Zone contacts

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Zone committee membership 2018

This year John Talbot, Ad Sintenie, James Pearse, Ivon Hurst and Kylee Galbraith finished their term with the zone committee. Very sadly, Mandy Waaka Home passed away in April. In 2019, Hamish McFarlane was reappointed, and Lucy Millar and Luke Reihana will join the committee.

Hamish McFarlane,
Community member, Chair

Herstall Ulrich,
Community member, Deputy Chair

Ad Sintenie,
Community member

John Talbot,
Community member

Mark Webb,
Community member

Kylee Galbraith,
Community member

James Pearse,
Community member

Ivon Hurst,
Community member

Glen Smith,
Community member

Phil Driver,
Community member

Mandy Home, Rūnanga
representative - Arowhenua

John Henry, Rūnanga
representative - Arowhenua

Sue Eddington, Rūnanga
representative - Waihao

Richard Lyon,
Timaru District Council

Anne Munro,
Mackenzie District Council

David Anderson,
Waimate District Council

Lan Pham,
Environment Canterbury Councillor



Orari Temuka Opihi Pareora Water Zone Committee
is a community led committee supported by councils.

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