

# **AGENDA**

## **Orari-Temuka-Opihi-Pareora Water Zone Committee Meeting Monday, 7 December 2020**

**Date** Monday, 7 December 2020

**Time** 9.30am

**Location** Council Chamber, Council Building, King George  
Place, Timaru

**File Reference** 1393551

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

**Notice is hereby given that a meeting of the Orari-Temuka-Opihi-Pareora Water Zone Committee will be held in the Council Chamber, Council Building, King George Place, Timaru, on Monday 7 December 2020, at 9.30am.**

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

Lucy Millar (Chairperson), Phil Driver (Deputy Chairperson), Suzanne Eddington, John Henry, Cr Anne Munro, Cr Elizabeth McKenzie, Luke Reihana, Glen Smith, Cr Barbara Gilchrist and Cr Tom O'Connor

Quorum – no less than 7 members

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- 1      Opening Karakia**
- 2      Apologies**
- 3      Public Forum**
- 4      Identification of Items of Urgent Business**
- 5      Identification of Matters of a Minor Nature**
- 6      Declaration of Conflicts of Interest**
- 7      Chairperson's Report**

## **8 Confirmation of Minutes**

### **8.1 Minutes of the Orari-Temuka-Opihi-Pareora Water Zone Committee Meeting held on 7 September 2020**

**Author:** Jo Doyle, Governance Advisor

#### **Recommendation**

That the Minutes of the Orari-Temuka-Opihi-Pareora Water Zone Committee Meeting held on 7 September 2020 be confirmed as a true and correct record of that meeting and that the Chairperson's electronic signature be attached.

#### **Attachments**

- 1. Minutes of the Orari-Temuka-Opihi-Pareora Water Zone Committee Meeting held on 7 September 2020**

# **MINUTES**

## **Orari-Temuka-Opihi-Pareora Water Zone Committee Meeting Monday, 7 September 2020**

**Minutes of Timaru District Council  
Orari-Temuka-Opihi-Pareora Water Zone Committee Meeting  
Held in the Council Chamber, Council Building, King George Place, Timaru  
on Monday, 7 September 2020 at 9.30am**

**Present:** Lucy Millar (Chairperson), Phil Driver (Deputy Chairperson), Cr Anne Munro, Cr Elizabeth McKenzie, Luke Reihana, Glen Smith, Cr Barbara Gilchrist, Cr Tom O'Connor, Bailey Lissington

**In Attendance:** Lesley Woudberg (Team Leader Zone Facilitator), Brad Waldon-Gibbons (Tangata Whenua Facilitator), Brian Reeves (Zone Delivery Lead), Cr Peter Scott (ECan)(from 10am), Kate Doran (ECan Communications), Rhys Taylor (Community Engagement Coordinator), Mark Adams, Kerry Stevens, Julia Crossman (Opuha Water Ltd), Joanne Brownie (Governance Support)

Chairperson Lucy Millar welcomed everyone to the meeting which opened with a karakia from Luke Reihana.

**1 Apologies**

An apology was received from John Henry.

**2 Identification of Matters of a Minor Nature**

There were no minor nature matters identified.

**3 Public Forum**

**Establishment of Community Group**

Mark Adams introduced himself to the meeting and set out a proposition involving forming a group to prepare an application for government shovel-ready project funding, to allocate to catchment group projects in the OTOP zone. Mark is the Chairman of the Rural Support Trust in South Canterbury and Chairman of the Environmental Reference Group for Beef and Lamb NZ and sees an opportunity for the zone to access significant government funding that could be applied to local projects in the zone.

After years of work towards the Zone Implementation Programme Addendum, there is a perceived lack of action on the ground at catchment group level in the OTOP zone. The significant focus towards the plan change work has possibly detracted from the work on the ground, where the community is connected and the work is more visible.

A collaborative strategy for projects that could take advantage of government funding is an opportunity that should be taken up. Looking at the success in other provinces and the models driving that success, have inspired him, along with other rural leaders, to champion the idea of forming an incorporated society, in order to provide structure and purpose, and an entity for seeking funding. Reference was made to successful groups such as the Rangitikei Catchment Collective and Driving Southland. A similar group for the OTOP zone could learn from what has worked and what has not worked in these other areas and create a community entity that has skill, impetus and knowledge, to work towards a common environmental goal for the community. A key part to this



plan would be a close relationship with local iwi and a deeper understanding of the local whenua and its history.

In order to form a society and develop a funding strategy, seeding funding of approximately \$30,000 will be required. Accessing local knowledge and expertise and working with catchment groups will be part of the plan, with the goal of establishing a vehicle that will be valuable for generations to come. From his discussions in the community he is aware that there is appetite to form a group to see greater action on the ground. The group would collate environmental information, oversee projects and manage funding.

#### **Canterbury Regional Water Manager Committee Representative**

Kerry Stevens introduced himself, as the recently appointed South Canterbury Territorial Authority representative on the Regional Water Management Committee, representing the Waitaki, Waimate, Mackenzie and Timaru District Councils. He intends to attend southern zone committee meetings to be informed and connect with the zone committees.

#### **4 Declaration of Conflicts of Interest**

While not a conflict of interest, Cllr Anne Munro advised that she is the Acting Chairperson of the Te Ana Wai Catchment Group.

#### **5 Confirmation of Minutes**

##### **5.1 Minutes of the Orari-Temuka-Opihi-Pareora Water Zone Committee Meeting held on 3 August 2020**

#### **Resolution 2020/20**

Moved: Cllr Anne Munro

Seconded: Cllr Barbara Gilchrist

That the Minutes of the Orari-Temuka-Opihi-Pareora Water Zone Committee Meeting held on 3 August 2020 be confirmed as a true and correct record of that meeting, subject to 'Orari Catchment Group' in clause 7.3 being amended to 'Orari River Protection Group'.

**Carried**

#### **6 Urgent Business – Proposed New Entity for Funding and Work in the Catchments**

The Committee discussed the proposal presented by Mark Adams in the public forum. There was general consensus that the proposal be supported. Given that the OTOP Committee does not have the funding requested, it was agreed that OTOP write to the Waimate, Mackenzie and Timaru District Councils and ECan, formally supporting the proposal and seeking the \$30,000 required. It was noted that the proposal aligns with the non statutory recommendations in the OTOP ZIPA. The Committee agreed with Mark that the work needs to be strategic and not ad hoc.

**Action:** To assist with the request Mark Adams was asked to prepare a one page outline of the proposal with a clear description of the project, the benefits to the community and an idea of the level of government money that the seeding funding could unlock.

**Action:** Luke Reihana offered to discuss with runanga the best ways of providing background information and the history of the catchments from an iwi perspective. The Tangata Whenua Facilitator will also contact Suzanne Eddington in this regard.

Proposed Cr Barbara Gilchrist  
Seconded Cr Tom O'Connor

That the OTOP Zone Committee resolves to immediately send a letter to ECan, Timaru District Council, Waimate District Council and Mackenzie District Council requesting that they provide financial support to the umbrella catchment group as described by Mark Adams on their behalf. The total support requested is \$30,000. This is to fund professional funding applications to, but not limited to, the 1 Billion Trees Partnership fund and the Freshwater Improvement Fund. The projects covered by the applications will be within the bounds of the OTOP region.

Carried

## **Pest Control**

Cr O'Connor raised the issue of funding for pest control. He believes there is a need for a major pest control operation in the region between now and the next planting season. Biodiversity and riparian plantings are at risk if pest control is not carried out. Other options include planting species wallabies don't eat and using wallaby proof fencing. Significant funding will be required for a pest control operation, and it was suggested that territorial local authorities be asked for support.

**Action:** The Facilitator will seek further information on the wallaby control programme and provide it to the Committee.

## **7 Reports**

### **7.1 Update Committee Members Activities**

Committee members shared activities they have been involved in over the last month that contributes to implementing the CWMS in the OTOP zone.

#### **Catchment Groups**

Brief discussion took place on OTOP representation on catchment groups and noting the Orari Protection Group is a separate group but participates as part of the Orari Catchment Group, Upper Orari is an informal group and Waitarakao is not a catchment group but a working group.

The Committee noted the report and activities members have been involved in.

**Action:** Lucy Millar and Barbara Gilchrist offered to join additional catchment groups. The Facilitator will progress OTOP representation on catchment groups.

### **7.2 Youth Representative**

Bailey Lissington put forward suggestions as to how the Committee could support youth participation on the committee and the committee's action plan that included -

- Developing political skills
- Forming connections
- Engaging other young people for project work, including the newly formed South Canterbury Enviro Army
- Facilitating projects
- Considering other viewpoints.

The Committee is to give some thought as to what actions the young people can assist with – ideas put forward include

- spending a day with a farm advisor,
- following the course of a river from the mountains to the sea with a science advisor or similar,
- helping with planting programmes, visiting schools and kindergartens.

**Action:** The Facilitator will pursue options, in particular as to any Immediate Steps Funding that would benefit from voluntary labour.

### **7.3 ZIPA Non Regulatory Recommendations**

The Committee considered the list of non-regulatory recommendations in the OTOP Zone Implementation Addendum to assist in determining the Committee's focus for the next three meetings.

It was noted that a number of actions were the responsibility of territorial local authorities and there is not significant work where OTOP has direct input other than encouraging local authorities to do what is set out in the ZIPA. OTOP does not have the resources to undertake significant work but it does need to support catchment groups and ask the local authorities what is actually happening on the ground.

It was acknowledged that the community could be included more in activities that align with OTOP's objectives such as community workshops, shed talks, or field trips.

A suggestion was made to hold a strategic session at the next meeting identifying what has changed in last 12 months and confirming that the Committee is on the right track. This led to discussion on climate change and what measures that fall within OTOP's scope, could be taken to help address this issue in the OTOP zone.

It was noted that a report is due to ECan soon, and can be shared with the Committee for information. Reference was also made to the Resource Management Act review, National Environmental Standards and National Policy Statement on Freshwater.

The Committee talked about holding a series of workshops and/or field trips (after formal Zone Committee meetings), covering National Environmental Standards, climate change, mahinga kai, cultural values. The invitation could be extended to other interested groups in the community (using Mark Adams' contacts also). The Facilitator will progress this suggestion.

It was further suggested that the non-regulatory recommendations be grouped together and liaison occur with local authorities as to how they are addressing the ZIPA recommendations, similar to the current quarterly report prepared by ECan to the OTOP Committee.

**Action:** It was agreed that the document compiled by Committee member Glen Smith be circulated in spreadsheet form with additional space for comments and the document then be updated.

### **7.4 Otupua Saltwater Creek Catchment Annual Report**

The Committee considered the Otupua Saltwater Creek Catchment Annual Report. The Community Engagement Coordinator said the catchment group is a small group with good

voluntary input and goodwill, helping the urban/rural contribution awareness. Rhys updated the meeting on the current situation with the Timaru Rowing Club.

#### **7.5 ECan Zone Delivery Update**

The Committee considered a report by the Zone Delivery Lead presenting the Work Programme Progress for Quarter (April-June).

The current focus is on fish screens, an area which has always been problematic. ECan is working with industry and the farming sector, focussing on the higher risk areas. Illegal rubbish dumping is also an issue at the moment which is costly to ratepayers and the environment. Settlement runoff from building sites is a further area ECan is working on.

Good progress is being made monitoring consented and unconsented activities in the Waitarakao/Washdyke zone, with approximately 30 sites visited to date.

#### **7.6 Facilitator's Update**

The Committee considered the Facilitator's update. A request was made for an interested member of the Committee to assist with the OTOP facebook page.

The Meeting closed at 11.25am with a karakia from Luke Reihana.

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**Chairperson**

**8.2 Minutes of the Orari-Temuka-Opihi-Pareora Water Zone Committee Meeting held on 2 November 2020**

**Author:** Jo Doyle, Governance Advisor

**Recommendation**

That the Minutes of the Orari-Temuka-Opihi-Pareora Water Zone Committee Meeting held on 2 November 2020 be confirmed as a true and correct record of that meeting and that the Chairperson's electronic signature be attached.

**Attachments**

- 1. Minutes of the Orari-Temuka-Opihi-Pareora Water Zone Committee Meeting held on 2 November 2020**

# **MINUTES**

## **Orari-Temuka-Opihi-Pareora Water Zone Committee Meeting Monday, 2 November 2020**

**Minutes of Timaru District Council  
Orari-Temuka-Opihi-Pareora Water Zone Committee Meeting  
Held in the Council Chamber, Council Building, King George Place, Timaru  
on Monday, 2 November 2020 at 9.30am**

**Present:** Lucy Millar (Chairperson), Phil Driver (Deputy Chairperson), Suzanne Eddington, John Henry, Cr Anne Munro, Cr Elizabeth McKenzie, Luke Reihana, Glen Smith, Cr Barbara Gilchrist (until 11.25am), Cr Tom O'Connor

**In Attendance:** Dr Anita Wreford (Lincoln University)(for item 9.1)(via zoom link)  
Janine Roux (Facilitator), Lesley Woudberg (Team Leader Zone Facilitator), Jessica Bond (Land Management and Biodiversity Advisor), Shirley Hayward (Scientist), Brian Reeves (Zone Delivery Lead, Kate Doran (ECan), John de Witt (member of the public)

**1 Opening Karakia**

The meeting opened with a welcome from the Chairperson and a karakia from John Henry.

**2 Apologies**

There were no apologies.

**3 Public Forum**

**Pareora Water Allocation**

John de Witt addressed the meeting to convey his concerns on the over allocation of the Pareora River. He queried how this was going to be addressed, and asked when the Pareora Catchment Environmental Flow and Water Allocation Regional Plan is up for review. He said that he has not yet seen any change in agricultural practice to reflect less water available in the catchment. He queried whether Plan Change 7 will sufficiently address the lack of water.

It was suggested that as a first step, the Committee seek information from ECan on when the Pareora Catchment Flow and Allocation Plan is up for review and whether the allocations will be reviewed at that time.

**4 Identification of Items of Urgent Business**

There were no urgent business items.

**5 Identification of Matters of a Minor Nature**

There were no minor nature items.

## **6 Declaration of Conflicts of Interest**

There were no conflicts of interest identified.

## **7 Chairperson's Report**

The Chairperson's report was delivered under item 9.2.

## **8 Confirmation of Minutes**

### **8.1 Minutes of the Orari-Temuka-Opihi-Pareora Water Zone Committee Meeting held on 5 October 2020**

#### **Pest Control**

Clr McKenzie reported that she has followed up on wallaby pest control. Funding is concentrating on control measures around the perimeter area (essentially South Canterbury) but there are no subsidies available for farmers and no funding available for the problem areas. To be effective there would need to be a poisoning programme followed by a shooting operation.

It was agreed that Clr McKenzie and Clr O'Connor discuss the issue further.

#### **Climate Change**

The comments in regard to climate change were clarified in that Clr O'Connor did not agree with the symbolic climate change emergency declaration. However OTOP does have an advisory role but not an implementation role.

The informal Minutes of the Orari-Temuka-Opihi-Pareora Water Zone Committee Informal Meeting held on 5 October 2020 were noted.

## **9 Reports**

### **9.1 Deep South Science Challenge**

Dr Anita Wreford, who leads the Impacts and Implications programme at Lincoln University, appeared via zoom and delivered a presentation on some of the research being undertaken to support New Zealand's response to a changing climate.

The Deep South project involves research and modelling and developing tools that will help to New Zealanders to adapt, manage and thrive in a changing climate, enabling planning ahead in an uncertain environment.

In regard to precipitation trends for South Canterbury, indications are that there will be more variability - an increase in extreme rainfall, rain will likely be more intense and severe rain when it does happen, there will be a decrease in snow, and an increase in the severity and intensity of drought. Seasonal changes are where the impact will occur most.

Tools being developed include dynamic adaptive policy pathways, to provide for future resilience and allowing for flexibility in the changing environment.

The Committee then asked questions including modelling climate refugee problems; modelling prediction scenarios; local government's resourcing to respond to climate change; wider consequences of irrigation; ocean warming and coastal inundation.



While it was acknowledged that the timeframes are too long for most people making decisions, the predictions provide a range and direction or trend, to enable more informed decision making for the future. One of the main messages is to remain flexible in the face of uncertainty.

Dr Wreford advised that input is welcomed from stakeholders regarding any area that may be worthy of detailed research in the future.

## **9.2 Chairperson's Report and Update Committee Members' Activities**

The Chairperson advised that since the last meeting, contributions totalling \$32,500 from the Timaru, Waimate and Mackenzie District Councils and from ECan, had been made towards the combined catchment group organisation, with additional resource from ECan for such things as mapping.

The Chairperson has attended a meeting of the Regional Committee. This large Committee is currently being reviewed with the possibility that representation will be reduced. Options for a revised structure may include an independent committee that provides ECan with a letter of expectation and members would be selected for their particular knowledge and expertise.

The Regional Committee recent meeting included a presentation on LAWA (Land Air Water Aotearoa). LAWA River Water Quality Lead Dr Tim Davie may present to zone committees in the future.

## **9.3 South Canterbury Swimming Grades**

The OTOP Zone committee was provided with information on South Canterbury Swimming Grades, with Water Scientist Shirley Hayward elaborating on the report and advising that further information, including the annual report, will be available soon.

Of note is that the Waihi River at Geraldine has a poor grade and steps will be taken to inform the public of this and to investigate the reasons for this poor grade. The Pareora River at the huts site has improved.

A more detailed paper with historical and current gradings on South Canterbury rivers will be presented to the next meeting.

### **Recommendation**

The paper was received and a more detailed paper is to be presented to the next meeting.

### **Attachments**

- 1 SC Swimming Grades report

## **9.3 Immediate Steps Projects**

The Committee considered a report by Janine Roux and Jessica Bond, Land Management and Biodiversity Advisors Environment Canterbury, setting out recommendations on the allocation of Immediate Steps funding for the 2020/2021 financial year. \$47,867 is left to be allocated for this financial year. The report outlined projects to the sum of \$27,500.

### **Ohapi Creek and Spider Lagoon Restoration**

A request was made for information on the type of spray to be used in the killing of willows and canary grass. There was some concern that the Committee should be aware of what sprays are being used on a project that is supported and partially funded by the committee. The meeting was advised that the helicopter would be avoiding areas where there is currently native vegetation.

John Henry requested that the marae be used as the point of contact for Immediate Steps applications at an earlier stage than is currently being done, and not just through the iwi members on the Committee.

The Committee agreed to defer the application until information on the spraying operation is available and satisfactory iwi engagement through the local runanga is completed.

Clr Gilchrist retired from the meeting.

### **Taniwha Gully**

Assurance was given that the Ngai Tahu Maori Rock Art Trust is involved in this project. The project was supported.

### **Immediate Steps Process**

Clr O'Connor queried the Immediate Steps Process, suggesting that more comprehensive information should be provided to the committee as he felt that to allocate public money, the Committee should know more detail of the projects presented.

It was explained that the Immediate Steps Process involves applications being processed by officers in the first instance, to ensure the projects fit the IMS criteria, before involving the Committee. The Committee then has the opportunity to review the proposals that meet the criteria, and make recommendations on whether to financially support the projects.

### **Serpentine Creek**

This project was supported subject to knowing further details on the spray to be used..

### **Resolution 2020/21**

Moved: Phil Driver

Seconded: Elizabeth McKenzie

That the OTOP Zone Committee recommends to Environment Canterbury the following Immediate Steps funding allocations:

1. Ohapi Creek and Spider Lagoon – application deferred pending further iwi consultation and additional information on the spraying operation
2. Taniwha Gully Restoration - \$14,000 (\$7,000/year)
3. Serpentine Creek, Geraldine - \$2,500 – subject to further information on the spray to be used.

**Carried**

## **9.4 Climate Change and Slow Water**

The Committee considered a report by Committee member Phil Driver and an additional paper from Clr O'Connor from January 2019 on climate change.

Phil Driver spoke to his report on the proposal to focus its efforts on climate change and the concept of “*Slow Water*”. The Committee discussed the recommendations set out in the report and noted that the Committee has a role in facilitation/cooperation/collaboration/advice, but does not have an implementation role. However as an advisory body, the Committee could be influential.

There was some debate as to whether agreeing, as per recommendation 3, that our climate emergency is the single biggest physical issue, would make a difference to what the committee does and how it engages.

The OTOP Zone committee received the report from Dr Phil Driver and Cr Tom O’Connor and:

1. Agreed to make recommendations and endorsements.
2. Agreed to learn more in order to make better recommendations and endorsements.
3. Agreed that climate change in South Canterbury should underpin the work that the Committee undertakes.
4. Agreed to consider if stakeholders in the OTOP zone adopt a theme of ‘slow water’ as being the best way of addressing our biggest challenge, how this would tie in with what Councils want from the Committee and be consistent with how it fits with shared priorities. The appropriate statement/catch phrase is to be explored for future use.
5. Agreed to explore, develop and disseminate recommendations on how best to achieve ‘slow water’ (these could be both regulatory and non-regulatory), once tied to Council shared priorities. The next step being to create an action plan.

## 9.5 Private Drinking Water Supplies - Surface Water, Groundwater and Rainwater

The Committee was provided with a draft campaign proposal to raise awareness among private landowners to regularly test and manage the risks associated their drinking water supplies.

There are two Zone Committees that are looking at bore water, with the plan being to help people test their own water. This would involve showing how to undertake the test correctly, but also what to test for and to assist with solutions.

Private drinking water is connected to outcomes in the ZIPA, raising awareness for people to think about their own private water supplies, bores and water collection from roofs.

The intention is to find the right way to get this information out to the target audience, including the possibility of attending several farmers’ markets with information.

ECan staff will be running this project and will provide advice, with some support being sought from the OTOP Committee.

The Committee supported and endorsed ECan staff to continue with the planning of phase 1 of this project.

The OTOP Zone Committee receives the report from and:

1. **Agreed** to develop an awareness raising campaign for domestic drinking water supplies in order to ensure the OTOP community has “safe and reliable drinking water for community and domestic supplies both now and in the future”.

(ZIPA Community Outcome page 13)

2. **Agreed** that phase 1 of the campaign will be to;

- (a) Disseminate existing information to committee member's networks and catchment groups;
  - (b) Discuss existing information with community members at four farmers markets to determine what they know, what they would like to know and what they see as the barriers to ensuring their drinking water is safe.
3. **Agreed** that phase 2 of the campaign will address the information gaps and barriers that have been identified through the discussions at farmers markets. This may include a community meeting with representatives of registered testing laboratories, South Canterbury District Health Board and district and regional council as well as preliminary screening of samples for nitrate levels.
4. **Agreed** that phase 3 will evaluate the campaign and decide on what next.

## 9.6 Facilitator's Update

The Facilitator sought confirmation on the Committee's wish to have a meeting on 8 December.

It was decided that there were sufficient agenda items to hold the meeting. The timing of the meetings for next year need to be considered, especially once new members come onto the Committee next year.

The items to be on the next Agenda:

- Background around Monitoring
- Slow Water
- Update on drinking water
- Essential fresh water
- Pareora River – Status of Allocation Regime
- Government Three Waters Review
- Resource Management Act.

Discussion was held as to whether the issues that were not agreed in the ZIPA should be brought back to the table and whether the Committee has any influence over decisions.

The Committee decided that these issues could be discussed with new members and possibly with education provided.

The report was received.

## 10 Consideration of Urgent Business Items

There were no urgent items.

## 11 Consideration of Minor Nature Matters

There were no minor nature matters.

## **12 Closure Karakia**

John Henry provided a closing Karakia for the Committee.

**The Meeting closed at 12.24pm.**

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**Chairperson**

Unconfirmed

## 9 Reports

### 9.1 Updates for Committee

**Author:** Lesley Woudberg, Team Leader Zone Facilitator

**Authoriser:**

#### Recommendation

For information

#### Purpose of Report

- 1 To provide the OTOP zone committee with an opportunity to inform each other of the activities they have been involved in over the last month that contributes to the implementation of the CWMS in the OTOP zone

#### Discussion

- 2 Chairs verbal update
- 3 Cr Barb Gilchrist becomes Timaru's "biodiversity champion" (Cr Gilchrist)
- 4 Private drinking water awareness campaign – verbal update (Cr Mackenzie)
- 5 "Slow Water" – verbal update (Phil Driver)

## Cr Barbara Gilchrist becomes Timaru's 'biodiversity champion'

Matthew Littlewood 13:39, Oct 28 2020

Barbara Gilchrist is looking forward to helping the Timaru District Council's quest to identify and improve the region's biodiversity.

"It's really exciting," the Timaru district councillor said about her appointment as a "biodiversity champion" at Tuesday's council meeting.

The idea for the role came from the Canterbury Mayoral Forum that recommended each council nominate an elected member as a biodiversity champion to work with Environment Canterbury and other biodiversity champions to discuss, shape and co-ordinate biodiversity commitments in the 2021-31 Long Term Plans. "Hopefully by all working together, we can achieve the best bang for our buck," Gilchrist said.

"It's still yet to be determined as to how this will actually work but across the councils we all want the same thing, and that's to identify, protect and enhance our biodiversity."

Gilchrist, who prior to becoming a councillor was a zone facilitator for ECan, said she was particularly interested in areas close to her such as the Washdyke Lagoon and Saltwater Creek.

She is also the council's representative on the Orari-Temuka-Opihi-Pareora (Otop) zone committee, and is the chairperson of the council's environmental services committee.

“But the great thing about biodiversity is that it doesn’t observe any boundaries, so any work we do on one site could hopefully benefit another.”

Gilchrist said during her time as zone facilitator, she learned a lot about what private landowners and farmers were doing to help enhance the environment.

“It can be anything from fencing off your property to protecting a wetland. We need to celebrate them and tell their stories,” she said.

“However, the challenge for many projects will be financial, but if we could all work together we might be able to do something really great.”

Gilchrist said the council was keen to work with its fellow territorial authorities, and this was just one another example of this.

“We’ve seen it with the waste management contract, where Timaru joined with Waimate and Mackenzie district councils to get a really good result.”

### **Attachments**

**Nil**

## 9.2 Swimming Water Quality Update

**Author:** Shirley Hayward, Senior Water Quality Scientist

**Authoriser:**

### **Recommendation**

**For information to enable members to facilitate informed discussions in the OTOP community.**

### **Purpose of Report**

To provide more detailed information on the background of the swimming site monitoring programme and the trends over time as the committee requested 2 November 2020.

### **Discussion**

Our summertime monitoring programmes are now in full swing. We will be sampling 16 sites in the OTOP zone on a weekly basis for faecal indicator bacteria (*E. coli* or enterococci) and checking for cyanobacterial blooms. We will also monitor an additional five sites for cyanobacterial blooms only.

#### **Suitability for Swimming grades**

Each year we recalculate the 'suitability for recreation grades' of our popular swimming sites based on the previous 5 years of microbial data. We follow the Ministries of Health and for the Environment (MoH/MfE) protocols for sampling and grading popular swimming sites, and for responding to contamination events.

Table 1 below provides the updated grades for sites in the OTOP zone as well as the previous 9 years grades. The full report for 2019/20 is available at:

<https://www.ecan.govt.nz/document/download?uri=3985866>

There are couple of changes to swimming gradings in the OTOP zone this year. The Waihi River Gorge site has continued to improve over the past few years and now has a grade of 'Good'. This is compared to its grade of 'Fair' last year, but the recommendation remains to avoid swimming after rainfall.

Poor microbial water quality results in the Pareora River at the huts during the 2018/19 swimming season resulted in a drop in SFRG at the site from 'Fair' (swimmable) to 'Poor' (unswimmable). Consultation was undertaken with the huts community and subsequently an investigation was undertaken to test for both the location and animal-source of the faecal contamination. *E. coli* samples were collected from the mainstem of the Pareora River and the inflows of tributaries within a few kilometres upstream of the bathing site. Faecal source tracking (FST) samples were also collected and stored for analysis to determine the animal source of any contamination leading to MfE & MoH (2003) guideline exceedances in the river.



The investigation found no high contamination events during the 2019/20 bathing season and therefore findings were inconclusive. The SFRG at the Pareora River at huts has now returned to 'Fair' but with the recommendation to avoid swimming after rainfall.

The Waihi River at Wilson St footbridge (Geraldine) was first included in the summertime monitoring in 2013/14 but was only monitored for cyanobacterial blooms. This was until 2017/18 when sampling for *E. coli* was initiated at the request of the Waihi Catchment Group. A minimum of three years of data is needed for calculating a 'suitability for recreation grade' therefore this is the first year a grade has been determined for the Waihi River at Wilsons St footbridge. The grade of 'Poor' was driven by reoccurring high concentrations of *E. coli* during the 2017/19 and 2018/19 summers. This summer we are investigating three additional monitoring sites upstream of the footbridge site to identify if there are any identifiable hotspots of *E. coli* contamination. We are also collecting samples for FST PCR analysis by ESR<sup>1</sup>, in case any high *E. coli* results are found.

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<sup>1</sup> **Analyses for PCR markers.** A range of microorganisms are present in faeces, which are specific to their animal hosts. Total DNA is extracted from a water sample and the sample is examined using the polymerase chain reaction (PCR) for DNA from source-specific organisms. The presence of certain microorganisms indicates the source of the faecal contamination. Assays specific for humans, herbivores, dogs and wildfowl are available.

**Table 1 Suitability for contact recreation grades for OTOP swimming sites over past 10 years**

Site	Suitability for Recreation Grade (*excludes rainfall data)										Change in grade from last year
	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	
<b>OTOP zone</b>											
Orari River at Gorge	Good	Good	Good	Fair	Fair	Fair	Fair	Good	Good*	Good*	↑ New grade
Wahi River at Gorge	Poor	Very Poor	Very Poor	Very Poor	Poor	Poor*	Fair*	Fair*	Fair	Good*	
Wahi River at Wilson St footbridge								Insufficient data	Insufficient data	Poor	
Hae Hae Te Moana River at Gorge	Fair	Fair	Fair	Fair	Fair	Fair	Fair	Fair	Good*	Good*	
Temuka River at SH1	Fair	Good*	Good*	Good*	Good*	Good*	Fair*	Good*	Fair*	Fair*	
Opihi River at SH79, Fairlie									Insufficient data	Insufficient data	
Opihi River at Saleyards Bridge	Fair	Fair*	Fair*	Good*	Good*	Fair	Good*	Good*	Good*	Good*	
Opihi River at SH1	Good*	Good*	Good*	Fair	Fair	Fair	Good	Good	Good	Good	
Opihi River at Waipopo Huts	Good*	Good*	Good*	Fair	Fair	Fair	Good	Good	Good*	Good*	
Lake Opiha at Ew arts Corner Boatramp	Poor	Fair	Fair	Fair	Fair	Good	Good	Good	Fair	Fair	
Lake Opiha at Recreation Reserve	Very Good	Very Good	Good	Good	Very Good	Good	Very Good	Very Good	Very Good	Very Good	↑
Pareora River at Evans Crossing	Fair*	Fair*	Fair*	Good*	Fair*	Good*	Good*	Fair	Fair*	Fair*	
Pareora River at Huts	Fair*	Fair*	Fair*	Fair*	Fair*	Fair*	Fair*	Fair*	Poor	Fair*	
Caroline Bay mid beach	Good	Good	Good	Good	Good	Good	Good	Good	Good*	Good*	
Timaru Coast Yacht Club	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good*	Very Good*	
West Caroline Bay	Fair	Fair	Good	Fair	Fair	Fair	Good	Fair	Fair*	Fair*	

\* indicates that swimming is not advised for up to 48 hours after moderate rainfall.

## **Cyanobacteria monitoring**

The proliferation of cyanobacteria blooms is sporadic and varies between summers due to changing climatic conditions. Rivers had more cyanobacteria bloom events in 2019/20 compared to the previous 2018/19 monitoring season. Prolonged fine weather and stable river flows during summer and autumn meant blooms progressed well into March and April. Unusual autumn-to-winter blooms occurred in the Ashley/Rakahuri, Opihi and Temuka rivers, and Lake Opuha. Table 2 below lists the sites in OTOP zone for which cyanobacterial warning were issued over the 2018/19 season.

At the end of the 2018/19 swimming site monitoring, several sites across Canterbury remained in warning for cyanobacteria cover, and therefore we extended our cyanobacterial monitoring programme until all sites came off warning notice, some of which did not come off warning until well into winter. This was uncommon and related to the mild warm autumn period in 2019.

**Table 2 Swimming sites within the OTOP zone that were put into warning because of cyanobacterial blooms in 2019/20**

Site	Warning	Date	Reason
Timaru District			
Opihi River at Waipopo Huts	Action	8/01/2020	21% algae coverage, detaching mats
		13/03/2020	25% algae cover. Warning remained in place at time of COVID-19 lockdown.
	Alert	15/05/2020	15% algae cover, detaching mats
	Warning removed	July 2020	Algae cover consecutively <20%
Opihi River at SH1	Action	27/11/2019	22% algae coverage, detaching mats
	Warning removed	13/03/2020	Algae cover consecutively <15%
	Alert	15/05/2020	20% algae coverage, detaching mats
	Warning removed	July 2020	Algae cover consecutively <20%
Opihi River at Saleyards Bridge (Pleasant Point)	Alert	8/01/2020	19% algae coverage.
	Action	15/01/2020	24% algae coverage, detaching mats
	Warning removed	12/02/2020	Algae cover consecutively <13%
	Action	18/02/2020	29% algae coverage, detaching mats
	Warning removed	18/03/2020	Algae cover consecutively <20%
Temuka River at SH1	Alert	28/02/2020	25% algae coverage
	Action	6/03/2020	23% algae coverage, detaching mats. Warning remained in place at time of COVID-19 lockdown.
	Warning removed	July 2020	Algae cover consecutively <20%
Temuka River at Manse Bridge	Action	15/01/2020	24% algae coverage, detaching mats
		6/03/2020	24% algae coverage, detaching mats. Warning remained in place at time of COVID-19 lockdown.
	Warning removed	July 2020	Algae cover consecutively <20%
Waihi River at Wilson Street footbridge	Alert	8/01/2020	41% algae coverage
	Action	15/01/2020	39% algae coverage, detaching mats
	Warning removed	17/02/2020	Algae cover consecutively <9%
Te Nga Wai/Te Ana a Wai River at Te Nga Wai Rd	Action	5/03/2020	27% algae coverage, detaching mats. Warning remained in place at time of COVID-19 lockdown.
	Warning removed	June 2020	Algae cover consecutively <20%

**Attachments**

**Nil**

### 9.3 Water Management - The Changing Context

**Author:** Lesley Woudberg, Team Leader Zone Facilitator

**Authoriser:**

**Recommendation**

That the OTOP Zone committee ;

**Notes** the report.

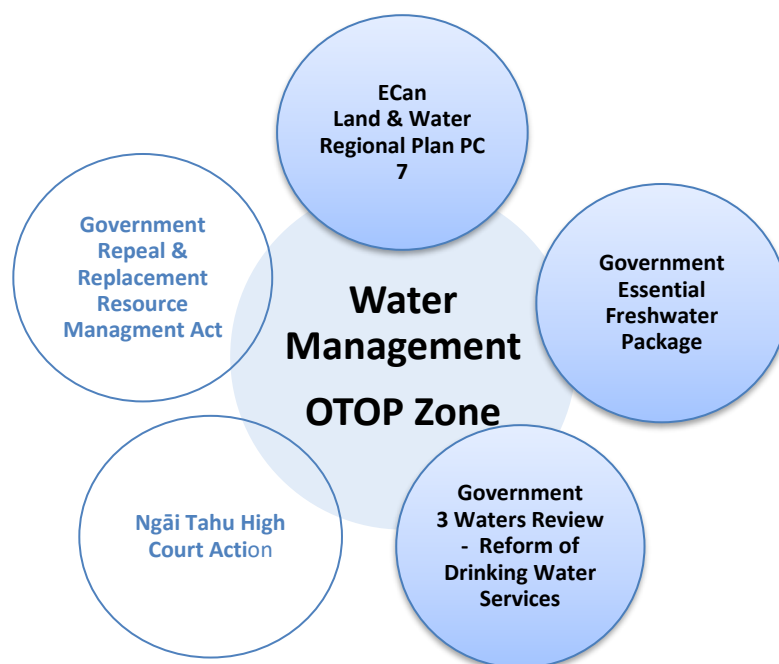
**Supports** communities to have informed discussions about how water management in the OTOP zone is likely to change.

**Purpose of Report**

- 1 To inform the committee of the changes to water management that are underway across New Zealand, Canterbury and the OTOP zone so that members can help their community navigate what is going to be a complex and uncertain environment for the next couple of years.

**Discussion**

- 2 Over the five years water management in New Zealand and Canterbury will change significantly. This report aims to provide a map of the certain and less than certain changes to water management that is being rolled out across the country that will impact the OTOP zone.
- 3 These changes will be uncomfortable for some in the community and an opportunity for others. The OTOP zone committee can play an important leadership role in helping communities navigate and adapt to the complexity and uncertainty of the new water management framework.

**Figure 1. Drivers of Change****Plan Change 7 to the *Land and Water Regional Plan***

<https://www.ecan.govt.nz/your-region/plans-strategies-and-bylaws/canterbury-land-and-water-regional-plan/change-7/>

Plan Change 7 was developed to respond to emerging resource management issues, to give effect to relevant national direction, to implement recommendations from the Hinds Drains' Working Party, and to implement recommendations in the Waimakariri and Orari-Temuka-Opihi-Pareora (OTOP) Zone Implementation Programme Addenda (ZIPA).

The Plan Change was developed in the context of the 2014 National Policy Statement on Freshwater, the National Environment Standards and Regulations and the 2017 Amendment. The Hearing, however, is being heard in the context of the 2020 National Policy Statement on Freshwater and the 2020 National Environmental Standards and Regulations.

The Hearing is expected to be completed before the end of the year and draft decisions released February/March 2021. The draft decisions are then submitted to Environment Canterbury for adoption. Once adopted by the Council the decisions are able to be appealed on points of law.

**Figure 2 Steps to develop OTOP Provisions - Plan Change 7**

CWMS community engagement/ collaboration	Resource Management Act – legal process							
	OTOP ZIPA	Draft OTOP plan change	PC 7 Public notification	PC7 560 submissions	PC7 Hearing	PC7 Decisions	PC7 Appeals	PC7 Operative
	2014 – Dec 2018	Jan-July 2019	July 2019	July-Sept 2019	Sept–Dec 2020	March 2021 (TBC)		



Government's Essential Freshwater Package  
includes the 2020 National Policy on Freshwater,  
National Regulations and National Environmental  
Standards (Aug 2020)

### Government's Essential Freshwater Package (August 2020)

Ministry for the Environment <https://www.mfe.govt.nz/fresh-water/freshwater-and-government/essential-freshwater-work-programme>  
<https://www.mfe.govt.nz/fresh-water/freshwater-and-government/essential-freshwater-work-programme>

#### 2020 National Policy Statement on Freshwater (NPS-FM)

- Concept of **Te Mana o Te Wai** is elevated
  - Hierarchy of obligations
    1. Health and wellbeing of water
    2. Health needs of people (ie. drinking water)
    3. Ability of people and communities to provide for their social, economic and cultural wellbeing
  - Prescribes how councils are to work with Tangata Whenua to give effect to Te Mana o Te Wai in their takiwā.
- Wetlands / Streams / Fish Passage
  - Identify fish barriers – enable fish passage
  - Avoid “net loss” of streams (eg. piping / culverting)
  - Encourage restoration
  - Map wetland maintain an inventory, monitor condition, respond when deterioration is detected
  - Incorporate Mātauranga Māori knowledge
- New values to take into account when preparing plans
  - Mahinga kai
  - Threatened species habitat



- New freshwater attributes for councils to manage/monitor/ and set limits
- New bottom lines for ammonia (0.24mg/L) and nitrate (2.4mg/L)

Requires regional councils to notify freshwater plans that give effect to the NPS-FM by 2024

### **2020 National Regulations**

- Stock exclusion regulations (“wide river” and lakes, natural wetlands)
- Consented water takes – more frequent measuring and reporting

### **2020 National Environmental Standards**

- **Farming** (livestock control, intensive winter grazing, intensification, nitrogen cap)
- **Wetland** modification (drainage, water takes, vegetation disturbance)
- Work in **riverbeds** (reclamation, piping, culverts, dams, weirs)

### **Environment Canterbury Approach**

Environment Canterbury advice <https://www.ecan.govt.nz/your-region/your-environment/water/canterburys-water/essential-freshwater-package-our-advice/>

- The new framework applies to
  - Plan Change 7
  - Consents in process
  - Compliance and enforcement
- Environment Canterbury is working with;
  - Ministry for the Environment and other regional councils on how to interpret and apply the of provisions
  - Rūnanga and Te Rūnanga o Ngai Tahu on how to apply Te Mana o Te Wai
- Providing resources in the draft Long-Term Plan 2021 – 2031 for the implementation of the Essential Freshwater package.

Frequently asked Questions and Answers <https://www.ecan.govt.nz/your-region/your-environment/water/canterburys-water/essential-freshwater-package-our-advice/essential-freshwater-package-faqs/>

### **Three Waters Reform Programme (stormwater, waste water and drinking water)**

<https://www.dia.govt.nz/Three-waters-review#progress-update-july-2020>

Source: Department of Internal Affairs

*Over the past three years, central and local government have been considering solutions to challenges facing delivery of three waters services to communities. This has seen the development*

of new legislation and the creation of Taumata Arowai, the new Water Services Regulator, to oversee and enforce a new drinking water regulatory framework, with an additional oversight role for wastewater and stormwater networks. While addressing the regulatory issues, both central and local government acknowledge that there are broader challenges facing local government water services and infrastructure, and the communities that fund and rely on these services.

There **has been underinvestment in three waters infrastructure in parts of the country** and persistent affordability issues; along with the need for additional investment to meet improvements in freshwater outcomes, increase resilience to climate change and natural hazards, and enhance community wellbeing. In July 2020, the Government announced a funding package of \$761 million to provide immediate post-COVID-19 stimulus to local authorities to maintain and improve three waters (drinking water, wastewater, stormwater) infrastructure, and to support reform of local government water services delivery arrangements.

The Government has indicated that its **starting intention is public multi-regional models for water service delivery** to realise the benefits of scale for communities and reflect neighbouring catchments and communities of interest. There is a preference that entities will be in shared ownership of local authorities. Design of the proposed new arrangements will be informed by discussion with the local government sector.

### **Design features**

- **Water service delivery entities** that are:
  - of significant scale (most likely multi-regional) to enable benefits from aggregation to be achieved over the medium- to long-term;
  - asset-owning entities with balance sheet separation, to support improved access to capital, alternative funding instruments and improved balance sheet strength; and
  - structured as statutory entities with appropriate and relevant commercial disciplines and competency-based boards.
- **Delivery of drinking water and wastewater services as a priority**, with the ability to extend to stormwater service provision only where effective and efficient to do so.
- **Publicly owned entities**, with a preference for collective council ownership.
- **Mechanisms for enabling iwi/Māori and communities to provide input in relation to the new entities.**

Three Water Reform Programme [https://www.dia.govt.nz/diawebsite.nsf/Files/Three-waters-reform-programme/\\$file/Three-Waters-Reform-Programme-A3.pdf](https://www.dia.govt.nz/diawebsite.nsf/Files/Three-waters-reform-programme/$file/Three-Waters-Reform-Programme-A3.pdf)

### **Ngāi Tahu High Court Action**

<https://ngaitahu.iwi.nz/environment/ngai-tahu-rangatiratanga-over-freshwater/>

Source: Te o Rūnanga o Ngāi Tahu

Ngāi Tahu has lodged a statement of claim in the High Court at Christchurch seeking recognition of its rangatiratanga over the freshwater in the Ngāi Tahu takiwā (area). Its statement of claim is to address the ongoing degradation of awa (rivers) and moana (lakes) caused by environmental mismanagement.

### **Resource Management Act (1991)**

#### **Proposal to Repeal and Replace**

In July the Government announced the comprehensive review of the resource management system, including the RMA - the first such review in 30 years. A panel, Chaired by Hon Tony Randerson QC, is undertaking has been undertaking the review and has released an issues and options report.

This report can be found at <https://www.mfe.govt.nz/rmreview>

### **Attachments**

**Nil**

#### 9.4 Facilitator's Update

**Author:** Lesley Woudberg, Team Leader Zone Facilitator

**Authoriser:**

##### **Recommendation**

For information

### **Actions from Zone Committee Meeting – 5 October 2020**

#### **ZIPA recommendation 4.8.2**

#### **Waitarakao/Washdyke - Stormwater**

The committee asked for stories to highlighting businesses doing the right thing in the Waitarakao/Washdyke business zone

#### **Native ‘neighbours’ top of mind for Washdyke businesses**

**Date:** 27 Nov 2020

Keeping on good terms with the neighbours is a top priority for businesses in Washdyke – even when they’re fowl, squawky and prone to a bit of trespassing.

More than 60 different types of birds live, breed and visit [Waitarakao Lagoon](#) in Washdyke each year and serve as a visual reminder of why it’s important for businesses in the area to carefully manage their environmental impact.

#### **Hilton Haulage takes steps to protect Lagoon**

Scott McAuley from Hilton Haulage talks to Environment Canterbury's Michael Nolan about stormwater management on site

Large transport business, [Hilton Haulage](#), is one such business that has been planning ahead for many years to manage its 23-hectare site in a way that carefully considers dust, drainage and run-off.

Transport manager for the Southern Region, Scott McAuley, said the extra measures Hilton Haulage has put in place, including a large voluntary set-back area between the business and lagoon and additional riparian planting, makes good sense to the business and the locals that work there.

“Our team live locally, many with young families, and want to look after the lagoon and all its wildlife right on our doorstep – we have frequent visits from the local birds like the shags and gulls. Proactively improving our [stormwater management](#) means we’re meeting our current consent conditions and also planning for a future that has higher environmental standards.”

Key voluntary measures undertaken include the large amount of land left as a natural filtration area between the business and the main drain and lagoon. Riparian planting has also been carried out along swales (drainage waterways).

### **Creating awareness of industrial impacts on water quality**

The site, which is the national head office for Hilton Haulage, is one of 200 Washdyke businesses targeted as part of a joint project with [Timaru District Council](#) (TDC) to increase awareness of industrial impacts on water quality at Waitarakao Washdyke Lagoon.

Zone lead Brian Reeves said properties that have existing consents for discharge, as well as those that don't, will all be part of the project, which has a focus on education around best stormwater practices.

"Our team, and our colleagues at TDC, have already visited about 50 sites and, so far, the response has been very positive.

"There's been a good understanding of what's required to manage the risk of pollutants getting into the waterways, but we've also been able to help offer some simple opportunities and solutions to make voluntary improvements.

"These include ideas like adding rumble strips to internal roads to shake off excess mud that could track onto the roads and run-off into waterways, keeping chemicals bundled and well away from stormwater drains in case of a spill, and adding riparian planting to help filter run-off and increase habitat for wildlife."

### **Pollution prevention to meet community expectations**

Waitarakao is a wildlife refuge, home to more than 60 species of birds, aquatic life, and an important recreational spot for walkers and nature enthusiasts. It is also an important place for traditional [mahinga kai](#) food gathering.

It is through the Washdyke stormwater system that contaminants such as oil, grease, paint, metal particles, sediment and other spilt substances are able to reach the lagoon. Similarly, air discharges can also impact the environment and air we breathe.

The pollution prevention initiative is part of our role to meet the Timaru community's expectations for water and air quality.

## **Actions from Zone Committee Meeting – 2 November 2020**

### **1 Immediate Steps Projects**

#### **ZIPA Recommendation 4.5.0**

The committee asked for *further information on the spray used for willow and canary grass control* in the Ohapi Creek and Spider Lagoon restoration project and the Serpentine Creek project.

- The spray used in the Ohapi Creek and Spider Lagoon project is mostly Grazon but some areas may need to be done by Glysophate.
- The spray used in the Serpentine Creek project is Grazon.

The committee asked for the *Arowhenua Rūnanga office be used as the point of contact for review of Immediate Steps proposals - Ohapi Creek and Spider Lagoon restoration project.*

- Ohapi Creek and Spider Lagoon has had a memo sent out to rūnanga for review.

## 2. Pareora Catchment

### ZIPA Recommendation 5.5

The committee asked “*..when will the flow and allocation plan for the Pareora catchment be reviewed.*” **The flow and allocation regimes in the OTOP zone are currently being assessed as part of the hearing underway for Plan Change 7. Plan Change 7 includes methods to address over allocation. Plan changes under the Resource Management Act are reviewed every ten years.**

The timeline is set out below.

Time	Action	
July 2012	<p>The <b>environment flow and allocation regime of the Pareora catchment became operative in July 2012.</b></p> <p><a href="https://www.ecan.govt.nz/your-region/plans-strategies-and-bylaws/pareora-catchment-plan/">https://www.ecan.govt.nz/your-region/plans-strategies-and-bylaws/pareora-catchment-plan/</a></p> <p>All abstractions of surface water and stream depleting groundwater takes were subsequently reviewed and conditions on these consent (eg. add minimum flows) were changed to ensure their consistency with the operative (2012) Pareora catchment flow and allocation regime.</p>	Resource Management Act legal process

Dec 2018	<p><b>OTOP ZIPA Recommendation</b></p> <p><b>5.5 PAREORA FRESHWATER MANAGEMENT UNIT</b></p> <p><i>The recommendations for the Pareora Freshwater Management Unit are in addition to those that apply across the OTOZ zone.</i></p> <p>The Pareora FMU is the southern-most in the OTOZ zone, and the community have been engaged in recent years addressing issues of flow and allocation. Water quality is generally in good condition, and the implementation of Farm Environment Plans and Good Management Practice on farm are expected to achieve the water quality outcomes recommended in this addendum.</p> <p>An Environmental Flow and Allocation Regime for the Pareora FMU became operative in July 2012 in the form of the Pareora Catchment Environmental Flow and Water Allocation Regional Plan. All water permits in the Pareora FMU have been reviewed so that abstractions of surface water and stream depleting groundwater align with the regime in this plan. The Zone Committee recognise that there have been no significant changes in values since the previous flow review, and that the benefit of the current flow and allocation regime is yet to be observed. Therefore, the Committee have recommended no substantive changes to the regime with the exception that a regime be developed for the remaining surface water bodies in the Pareora FMU.</p> <p>When the regime for the Pareora River and its tributaries was developed, it was acknowledged that the shift to the full ecological flow preference (660 L/s) would have a significant impact on reliability of supply for existing abstractors. The minimum flow for the Pareora River was instead set at 400 L/s, an increase of 100 L/s from the previous minimum flow restriction. The Committee acknowledge the increase in minimum flow and maintains its position that the cultural flow preference is the long-term aspiration for minimum flows in the zone. In the Pareora River, the cultural flow preference aligns with the ecological flow preference of 660 L/s.</p> <p><b>5.5.1 Recommendations: Environmental Flow Regime and Allocation Regime</b></p> <p>The environmental flow and allocation regime for the Pareora Catchment specified in the Pareora Catchment Environmental Flow and Water Allocation Regional Plan, is retained subject to the following additions:</p> <ol style="list-style-type: none"> <li>1. Environmental flow and allocation regimes are established for Pig Hunting Creek, Lyalldale Creek, and Springbrook Creek.</li> </ol>	Canterbury Water Management Strategy collaborative process
July 2020	<p><b>Plan Change 7 notified</b></p> <p>Submission and further submissions</p>	Resource Management Act legal process
3 Sept	<p><b>Governments Essential Freshwater Package</b> comes into force including a new National Policy Statement of Freshwater (elevating the concept of Te Mana O Te Wai), National Regulations and National Environmental Standards</p> <p><b>Note</b> regional policy statements and plans must be consistent with the National Policy Statement, National Regulations and National Environmental Standards</p>	

28 Sept	<b>Plan Change 7 Hearings begin</b>  <b>Intension:</b> to cap allocation at current levels and increase minimum flows. Where catchments are overallocated the Plan Change requires efficient use and reduce allocation on consent renewal or transfer  Hearings scheduled to be completed 4 December <a href="https://ecan.govt.nz/your-region/plans-strategies-and-bylaws/canterbury-land-and-water-regional-plan/change-7/">https://ecan.govt.nz/your-region/plans-strategies-and-bylaws/canterbury-land-and-water-regional-plan/change-7/</a>  Draft Hearings Panel decisions February/March 2021 Adoption by Environment Canterbury March/April 2021 Appeals and their resolution ... Operative???	
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**Note:** The Essential Freshwater package (new National Policy Statement on Freshwater, National Regulations and National Environment Standards) will require further changes to the freshwater management framework in Canterbury to ensure they are consistent. The work programme for any required plan changes to implement the Essential Freshwater package is currently being developed.

### Next year

#### Draft zone committee new role and purpose

The committee functions include:

- Facilitating community engagement and collaboration** – continuing an active programme of engaging with communities on freshwater management matters and
- Facilitating the provision of advice** through to councils (relevant Territorial Authorities and Environment Canterbury) and others (eg. private sector) contributing to freshwater management;
- Enhancing delivery capability and coalition of the willing** – working with stakeholders across all sectors to extend the resources available to implement the CWMS, including connecting others to additional resources and seeking opportunities to promote, support, leverage and expand catchment-based initiatives that deliver the CWMS;

**Progress Reporting** – annual progress reporting to Councils on progress towards delivery of the zone-specific priorities and CWMS target areas identified in the Zone Committee Action Plan.

#### Draft Schedule 2021

December 2020/March 2021

- Councils sign off their Letters of Share Priorities, new Zone Committee Terms of Reference and Code of Conduct

February/May

- Zone committee 2020 Annual Reports presented to councils

March 2021

- Community membership refreshed (members whose appointments expire 31 December are invited)



to continue to 30 April).

April/May

- New members appointed

April

- zone committees begin implementing their Action Plans

### **Draft OTOP 2021 meeting schedule;**

#### **Note:**

The current draft meeting schedule will change as formal meetings are replaced by community engagement activities of the committee as they move from a policy and planning focus to on the ground action.

The committee may wish to consider meeting and hosting events in other locations in order to engage with different local communities around the zone.

1 <sup>st</sup> March	9:30am – 11:30am
12 <sup>th</sup> April	9:30am – 11:30am
3 <sup>rd</sup> May	9:30am – 11:30am
14 <sup>th</sup> June	9:30am – 11:30am
5 <sup>th</sup> July	9:30am – 11:30am
2 <sup>nd</sup> August	9:30am – 11:30am
6 <sup>th</sup> September	9:30am – 11:30am
4 <sup>th</sup> October	9:30am – 11:30am
1 <sup>st</sup> November	9:30am – 11:30am
6 <sup>th</sup> December	9:30am – 11:30am

### **Attachments**

**Nil**

**10      Consideration of Urgent Business Items**

**11      Consideration of Minor Nature Matters**

**12      Closing Summary, Best Wishes for the Summer Break and Closing Karakia**