

# **AGENDA**

## **Orari-Temuka-Opihi-Pareora Water Zone Committee Meeting Monday, 4 July 2022**

**Date** Monday, 4 July 2022

**Time** 1pm

**Location** Meeting Room 1  
Timaru District Council  
King George Place  
Timaru

**File Reference** 1510602

## **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 Meeting Room 1, Timaru District Council, King George Place, Timaru, on Monday 4 July 2022, at 1pm.**

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

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

Quorum – no less than 5 members

**Order Of Business**

<b>1</b>	<b>Opening Karakia .....</b>	<b>5</b>
<b>2</b>	<b>Apologies .....</b>	<b>5</b>
<b>3</b>	<b>Public Forum .....</b>	<b>5</b>
<b>4</b>	<b>Identification of Items of Urgent Business.....</b>	<b>5</b>
<b>5</b>	<b>Identification of Matters of a Minor Nature .....</b>	<b>5</b>
<b>6</b>	<b>Declaration of Conflicts of Interest .....</b>	<b>5</b>
<b>7</b>	<b>Chairperson's Report.....</b>	<b>5</b>
<b>8</b>	<b>Confirmation of Minutes .....</b>	<b>6</b>
8.1	Minutes of the Orari-Temuka-Opihi-Pareora Water Zone Committee Meeting held on 2 May 2022 .....	6
<b>9</b>	<b>Reports .....</b>	<b>13</b>
9.1	Waitaha Action to Impact Fund .....	13
9.2	Waitarakao Strategy.....	15
9.3	Well Water Check - Event Review .....	16
9.4	OTOP Action Plan & Budget Update .....	23
9.5	Zone Facilitators Report July 2022 .....	28
<b>10</b>	<b>Consideration of Urgent Business Items.....</b>	<b>31</b>
<b>11</b>	<b>Consideration of Minor Nature Matters.....</b>	<b>31</b>
<b>12</b>	<b>Closing Karakia .....</b>	<b>31</b>



- 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 2 May 2022**

**Author:** Andrew Feary, Governance Advisor

#### **Recommendation**

That the Minutes of the Orari-Temuka-Opihi-Pareora Water Zone Committee Meeting held on 2 May 2022 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 May 2022**

# **MINUTES**

## **Orari-Temuka-Opihi-Pareora Water Zone Committee Meeting Monday, 2 May 2022**

**Minutes of Timaru District Council  
Orari-Temuka-Opihi-Pareora Water Zone Committee Meeting  
Held in the Taniwha Gully, Totara Valley  
on Monday, 2 May 2022 at 3.15pm**

**Present:** Lucy Millar (Chairperson), Suzanne Eddington, Cr Anne Munro, Cr Elizabeth McKenzie, Glen Smith, Cr Barbara Gilchrist, Bailey Lissington

**In Attendance:** Janine Roux (Zone Facilitator - Environment Canterbury), Jane Batchelor (Burkes Pass Heritage Trust), Graeme Batchelor (Burkes Pass Heritage Trust), Michael McMillan (Te Rūnanga o Arowhenua), Falcit McMillan (Te Rūnanga o Arowhenua), Paul Cooper (Group Manager Environmental Services – Timaru District Council), Lex Evans (Te Kete Tipuranga O Huirapa Ltd), Chris Eccleston (Environment Canterbury).

**1 Opening Karakia**

Mr Michael McMillan of Te Rūnanga o Arowhenua conducted the opening Karakia

**2 Apologies**

There were no apologies from members to be accepted.

**3 Public Forum**

There were no items of Public Forum.

**4 Identification of Items of Urgent Business**

There were no items of urgent business to be received.

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

Cr Anne Munro raised an issue of river works being conducted in the Opihi at Kerrs Crossing and the communication of river work.

**6 Declaration of Conflicts of Interest**

**Declaration of Interests Register – as of 4 April 2022**

Keeping a Zone Committee Members' declarations of interest register allows Zone Committees to identify and manage a conflict of interest when it arises.

The Office of the Auditor General notes a conflict of interest can arise when: "A member's or official's duties or responsibilities to a public entity could be affected by some other interest or duty that the member or official may have."<sup>1</sup>

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<sup>1</sup> Office of the Auditor General Good Practice Guide – Managing Conflicts of Interest: Guidance for public entities



If a member is in any doubt as to whether or not they have a conflict of interest, then the Member should seek guidance from Catherine Schache (General Counsel, Environment Canterbury), the Zone Facilitator and/or refer to the following guidance: <https://oag.parliament.nz/2020/lamia>

Types of Interest to be documented in the register:

- Employment, trade or profession carried on by the Member or the Member's spouse for profit or gain
- Company, trust, partnership etc for which the Member or their spouse is a director, partner or trustee, or a shareholder of more than 10% shares
- Address of any land in which the Member has a beneficial interest and which is in the area of the Zone Committee
- The address of any land where the landlord is Environment Canterbury, Mackenzie District Council, Timaru District Council or Waimate District Council and:
  - The Member or their spouse is a tenant;  
Or
  - the land is tenanted by a firm in which the Member or spouse is a partner, a company of which the Member or spouse is a director, or a Trust of which the Member or spouse is a Trustee.
- Any other matters which the public might reasonably regard as likely to influence the Member's actions during the course of their duties as a Member.
- Any contracts held between the Member or the Member's spouse and Environment Canterbury or Mackenzie District Council, Timaru District Council or Waimate District Council. Including contracts in which the Member or their spouse is a partner, a company of which the spouse is a director and/or holds more than 10% in shares, or a Trust of which the Member or their spouse is a trustee (noting that no committee member should be a party to a contract with Environment Canterbury or the relevant TLA if that value is more than \$25,000 per annum)

Zone Committee members are to ensure that the information contained in this register is accurate and complete.

Name	Committee Member Interests
<b>Clr Anne Munro</b>	Trustee - P C & A P Munro Family Trust
<b>Clr Barbara Gilchrist</b>	Buzzword (partnership) Ngai Tahu Māori Rock Art Trust.
<b>Cr Elizabeth McKenzie</b>	Member of Climate Action Timaru group and member of the Alliance of World Scientists

<b>Glen Smith</b>	Rangitata Dairies Ltd Partnership Mowata Ltd Partnership Trustee - Glenstruan Trust Member - Geraldine High School/Carew Peel Forest Combined Board of Trustees Member – Federated Farmers
<b>John Cruden</b>	
<b>John Henry</b>	
<b>Lucy Millar</b>	Secretary - Temuka Catchment Group Inc. Administrator - Geraldine Water Solutions Member - INZ Member - NZARM
<b>Luke Reihana</b>	
<b>Clr Tom O'Connor</b>	Member - St Andrew Residents Assn Fairfax political columnist; Political comments for Stuff (Waikato Times) Freelance author Member Waimate RSA

## 7 Chairperson's Report

## 8 Confirmation of Minutes

### 8.1 Minutes of the Orari-Temuka-Opihi-Pareora Water Zone Committee Meeting held on 4 April 2022

#### Resolution 2022/3

Moved: Glen Smith

Seconded: Barbara Gilchrist

That the Minutes of the Orari-Temuka-Opihi-Pareora Water Zone Committee Meeting held on 4 April 2022 be confirmed as a true and correct record of that meeting and that the Chairperson's electronic signature be attached.

**Carried**

## **9 Reports**

### **9.1 Canterbury Water Management Strategy Action Plan Budget**

Janine Roux, Zone Facilitator presented this report following on from Zone Committee workshops held in November 2021 and April 2022. It provides updated recommendations on the allocation of the CWMS Action Plan Budget for the 2021/2022 financial year. This report outlines projects to the sum of \$44,156.

Jane Batchelor (Burkes Pass Heritage Trust), Graeme Batchelor (Bures Pass Heritage Trust), Michael McMillan (Te Rūnanga o Arowhenua) & Lex Evans (Te Kete Tipuranga O Huirapa Ltd) spoke to the Committee of the Burkes Pass Heritage Trust proposal for support for the restoration of Te Kopi-O-Te Opihi in Burkes Pass. The discussion from the Committee members included the effect on enabling other similar projects, impact or non-impact on water quality, the proposal's fit within the CWMS Action Plan, monitoring of water quality onsite, adding value & importance to the connection of Te Manahuna with Rūnanga.

#### **Resolution 2022/4**

Moved: Barbara Gilchrist

Seconded: Lucy Millar

1. That the OTOP Zone Committee recommends to Environment Canterbury that The Burkes Pass Heritage Trust receive \$13.8k from the CWMS Action Plan Budget.

**Carried**

#### **Resolution 2022/5**

Moved: Anne Munro

Seconded: Barbara Gilchrist

2. That the OTOP Zone Committee recommends to Environment Canterbury that the Men's Shed Trust Geraldine receive \$7,656 from the CWMS Action Plan Budget.

**Carried**

#### **Resolution 2022/6**

Moved: Glen Smith

Seconded: Lucy Millar

3. That the OTOP Zone Committee recommends to Environment Canterbury that the budget alterations noted in the OTOP CWMS Action Plan Budget updated April 22 are accepted.

**Carried**

### **9.2 Zone Facilitators Report**

The Zone Facilitator spoke to this report to provide information that may be of interest to the Zone Committee that is not covered elsewhere in the agenda.

Well Water testing has been organised for 16<sup>th</sup> May in Temuka and in Fairlie, respectively.

Tiriti o Waitangi training has been confirmed for the 13<sup>th</sup> – 14<sup>th</sup> June.

**Resolution 2022/7**

Moved: Lucy Millar

Seconded: Barbara Gilchrist

That the report be received by the Zone Committee.

**Carried**

**10 Consideration of Urgent Business Items**

There were no items of urgent business to be received.

**11 Consideration of Minor Nature Matters**

Environment Canterbury staff will investigate the river works reported at Kerrs Crossing and other reported locations; with particular focus on the communication / consultation with local landowners

**12 Closure Karakia**

Mr Michael McMillan of Te Rūnanga o Arowhenua conducted the closing Karakia

**The Meeting closed at 4.04pm.**

.....  
**Lucy Millar**  
**Chairperson**

## 9 Reports

### 9.1 Waitaha Action to Impact Fund

**Author:** Janine Roux, Zone Facilitator

**Authoriser:**

#### **Recommendation**

That the OTOP Zone Committee receives these updates for its information and with consideration to the committee's 2021-2024 Action Plan priorities.

#### **Purpose of Report**

- 1 This presentation is by Alison Bower, Community Partnerships Coordinator, and Environment Canterbury. To provide the OTOP Water Zone Committee with an update on the Waitaha Action to Impact Fund as confirmed through Environment Canterbury's 2022-23 Annual Plan.

#### **Background**

- 2 The Waitaha Action to Impact (WAI) Fund is a contestable fund held by Environment Canterbury for community organisations in Canterbury. The fund aims to build community engagement and action for a better environment in the region.
- 3 The 2021 funding round was a pilot and was open for applications from 30 August until 11 October 2021. There were 46 applications, totalling over \$810,000, far exceeding the funding available. The timing and processes for next year (2022/23) are currently being reviewed
- 4 All applications were assessed against criteria and twenty applicants were selected to receive funding for 2021/22. In total, \$215,190 was allocated.
- 5 As part of the criteria, successful recipients must provide a minimum of 30% of the total project budget; this may come from funding or equivalent in-kind contributions, such as volunteer hours.
- 6 In the 2021/22 financial year the following projects were funded:

##### **Mackenzie Community Enhancement Board**

- Opihi River Revegetation Project – native vegetation planting alongside the Opihi River, partnering with the Fairlie Lions Club to create a community project that will involve all the schools in the Fairlie District and any interested groups and individuals. Awarded \$4,560

##### **Orari River protection Group Inc Soc.**

- Trapping predators and weed eradication – increasing the automatic trap assets to increase efficiency and uptake of traps by stakeholders in the upper and lower catchments of the Orari, and maintaining / increasing weed eradication to help sustain a safe environment for rare reptiles and other flora and fauna. Awarded \$6,500

##### **Peel Forest Outdoor Pursuits Charitable Trust**

- Peel Forest river corridor trapping project – pest animal control, utilising technical expertise from biosecurity specialists, and engaging community in restoration activities to provide riparian habitat protection to promote local flora and fauna recovery in the wider landscape. Awarded \$11,080

7 Environment Canterbury’s 2022/23 Annual Plan, which was adopted by Council on 16 June 2022, has two significant changes relevant to the Zone Committee:

**CWMS Action Plan Budget for Implementation to stay at \$500,000 in 2022/23**

- “Removing the increase in investment planned for the Working together for healthy water and land programme. This means that the funding for each zone committee to implement their Action Plans will stay at the same level as 2022/23 [\$50,000 per zone] rather than increase, as set out in the Long-Term Plan.” (Page 32 of the Environment Canterbury 2022/23 Annual Plan)

**The Waitaha Action to Impact Fund to increase to \$600,000 in 2022/23**

- “In the Engagement and Influence programme, we are increasing the amount of funding available for community-led initiatives through our Waitaha Action to Impact Fund. There will be a total of \$600,000 to be allocated in 2022/23.” (Page 88 of the Environment Canterbury 2022/23 Annual Plan)

**Discussion**

8 How would the Zone Committee like to receive information on any relevant unsuccessful Waitaha Action to Impact Fund applications that fit within the 2021-2024 OTOP Action Plan priorities?

**Attachments**

Nil

## 9.2 Waitarakao Strategy

**Author:** Janine Roux, Zone Facilitator

**Authoriser:**

### Recommendation

1. That the OTOP Zone Committee receives the report.
2. That the OTOP Zone Committee recommends a Zone Committee member to continue attending Waitarakao/Washdyke Working Group meetings.

### Purpose of Report

- 1 This presentation is by Chris Fauth, Senior Scientist - Natural Hazards, Environment Canterbury and follows on from the Zone Committee field trip held in December 2021. It provides an update on the Waitarakao/Washdyke Working Group and Strategy.

### Background

- 2 On 17 June 2021 Environment Canterbury adopted its 2021 – 2031 Long Term Plan (LTP). This LTP includes funding for the development of a Waitarakao/Washdyke Strategy, beginning Financial Year 2021/22.
- 3 It is understood that Timaru District Council also has funding in its LTP that can potentially be used for Waitarakao related activities.
- 4 This is the first time since the Waitarakao Working Group was formed under the mandate of Environment Canterbury Commissioners and Timaru District Councillors in 2016 that dedicated resourcing is available to further the work of the group to fulfil aspirations for the Waitarakao catchment.
- 5 In December 2022, the OTOP Zone Committee visited the Waitarakao/Washdyke lagoon and initial discussions were held about the strategy with Chris Fauth.

### Discussion

- 6 The Working Group is committed to working collaboratively to achieve positive outcomes for Waitarakao lagoon, the rūnanga, and the community. With the availability of funding, we need to collectively agree on the next steps for developing a Waitarakao Strategy (via the working group) as well as identify some 'quick win' actions that could be undertaken while the strategy is in development.

### Attachments

Nil

### 9.3 Well Water Check - Event Review

**Author:** Janine Roux, Zone Facilitator

**Authoriser:**

#### Recommendation

That the report be received by the OTOP Zone Committee.

#### Purpose of Report

- 1 This report is from Janine Roux, Zone Facilitator, Environment Canterbury. It provides information on the Well Water Check events held in Temuka and Fairlie on 16 May 2021.

#### Background

- 2 The OTOP Water Zone Committee included an action in its 2021-24 Action Plan to “Host at least one community session offering on-site indicative private drinking water testing. Include presentations of possible solutions and research on reducing high nutrient levels.”
- 3 Two community drop-in sessions were organised and delivered on 16 May 2022 by the zone committee. Members of public were offered on-site indicative well drinking water testing and could spent time talking to zone committee members and scientists about water quality issues.
- 4 The sessions were supported by Waterwatch and NZ Federation of Freshwater Anglers who undertook the tests as well as Aqualinc and Environment Canterbury who offered expert advice. Approximately 65 samples in Temuka and 21 samples in Fairlie were analysed for nitrate concentrations.
- 5 \$5,000 excl. GST was recommended from the CWMS Action Plan Budget to cover overall event costs, however, there was an under spend on this project as a third session meant for the Waimate area did not occur due to availability of the zone committee members. The total cost was \$ 3,328.97 excl. GST.

#### Discussion

- 6 Some points for discussion:
  - Did these events meet the zone committees’ action noted in the OTOP 2021-24 Action Plan?
  - Were the venues appropriate for the events? Consider accessibility, parking etc. (Temuka / Fairlie).
  - Was the timing (i.e May), length of time (i.e. 2 hours) and time of day appropriate?
  - Was there sufficient information provided to participants prior to and on the day of the event?
  - Did the zone committee see benefit in running these events and is there a need for future events? If so, when?



## Attachments

1. Well Water Check Report May 2022 [!\[\]\(38441ceaa711016e0bf2ad46ad394ff4\_img.jpg\) !\[\]\(6e027340d4263908f264926b1ad81c5e\_img.jpg\)](#)

## OTOP Zone Committee Well Water Check Report

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The OTOF Water Zone Committee included an action in its 2021-24 Action Plan to “Host at least one community session offering on-site indicative private drinking water testing. Include presentations of possible solutions and research on reducing high nutrient levels.” This event was confirmed for **16 May 2022**.

- *Purpose of event:* To raise awareness in the OTOF Zone about private drinking water supplies – quality and risk. To provide information about well water quality results and what to do about them. To encourage uptake of well water supply testing.
- *Problem/challenge:* Individual households on private water supplies must arrange and pay for their own well water tests. However, community members have told the zone committee that the importance of testing, how to do it, or what to do about test results is not well known or understood.
- *Reason it's important right now:* With high nitrate, e-coli and other contaminants in groundwater in some places in Canterbury, it is important that regular testing is undertaken by well-owners to prevent health issues. (This was discussed at an OTOF Zone Committee meeting in September 2021 - *Annual Groundwater Quality Survey for 2020*; <https://www.ecan.govt.nz/document/download?uri=4129715>)
- *Local and national view:* This problem is continually being seen in the media, with councils and health boards all over the country grappling with the possible health risks of high nitrates and other contaminants in groundwater.
- *Previous work:* Selwyn Waihora Zone Committee held a similar event in 2021. Intention is to continue sharing material and feedback with other water zone committees in the future. This will help alleviate work duplication and keep consistent messaging throughout Canterbury.
- *Measuring success:* The number of people who attend testing opportunities. Improved awareness of where and how to test private water supply. Feedback from those who attend testing sessions


### Engagement methods for the event

- Adverts in print: Timaru Courier (Thu 12 May)
- Word of mouth – Zone Committee members to assist
- Facebook engagement – Zone Committee members to assist. Two paid adverts reached 1771 people prior to the event.
- Social media post boosts
- Set up on event websites: eventfinda and southcanterbury.org.nz
- Foot path sign for venue entrance

Methods not used for the OTOF events but should be considered for future events:

- Simple feedback form for those who attended the events to complete on the day
- Communicate with filtration suppliers / well drillers to help promote the event.

## Examples of Facebook posts used:

 **OTOP Water Zone Committee**  
Published by Kate Doran · May 6 at 1:13 PM · 🌐

If your drinking water comes from a private well, come along to a Well Water Check to test your water quality in Temuka or Fairlie on Monday 16 May.

Our water zone committee (Orari Temuka Opihi Pareora) is organising the events to offer a free check of nitrate concentrations and further information about monitoring your private drinking supply. Book your testing slot now - Call Janine Roux on 027 359 3426 or email [janine.roux@ecan.govt.nz](mailto:janine.roux@ecan.govt.nz).

If you live rurally, there's potential for a range of contaminants to reach your private well and, unlike council drinking water systems, it's your responsibility to check your water is safe to drink.

Well water check event details

Temuka session  
When: Monday 16 May 2022, 10am – 12:30pm  
Where: Alpine Energy Community Centre at Temuka Domain

Fairlie session  
When: Monday 16 May 2022, 3pm – 5:30pm  
Where: Fairlie Golf Club, Talbot Road



 **OTOP Water Zone Committee**  
Published by Kate Doran · May 12 at 7:29 PM · 🌐

Here's a little more about our upcoming 💧 Well Water Checks 💧 from our Chair, Lucy Millar. Event details are also here: [Free Well Water Check \(Fairlie session\) - OTOP Water Zone Committee](#) [Free Well Water Check \(Temuka session\) - OTOP Water Zone Committee](#)



ECAN.GOV.T.NZ

**Well water testing - well worth it**  
Orari Temuka Opihi Pareora (OTOP) Water Zone Committee Chair, L...

## Event logistics on the day

Session one: Temuka – Alpine Energy Community Centre Meeting Room 10am – 12.30pm

Session two: Fairlie – Fairlie Golf Club, 3pm – 5.30pm

Members of public asked to rsvp to ensure appropriate number of test machines and staff were available on the day. Three slots were available every 15 minutes for people to choose from and they were asked to bring at least 100ml of water and wait for test result.

List of responsibilities given to those helping on the day:

- **Zone Committee** – Hosts. Welcomed attendees, talked through process for the drop-in session, directed people to key personnel at the event and handed out relevant brochures.
- **Waterwatch / NZ Federation of Freshwater Anglers** – Ran testing machines - Portable colorimeter (Waterwatch) and spectrometer (NZFFA). Results given were comparable to Maximum Acceptable Level drinking water standard of 11.3mg/l nitrate-nitrogen.
- **Environment Canterbury and Aqualinc (Science)** - Helped people understand the results. Answered any general groundwater questions. Discussed options for further testing and solutions to decreasing levels in drinking water. Talked through Hill Laboratories test boxes that were brought to the event by Aqualinc.
- **Zone Committee Facilitator** – oversight of pre-event logistics, venue set up and general event management. Set up and provided tea, coffee and food.

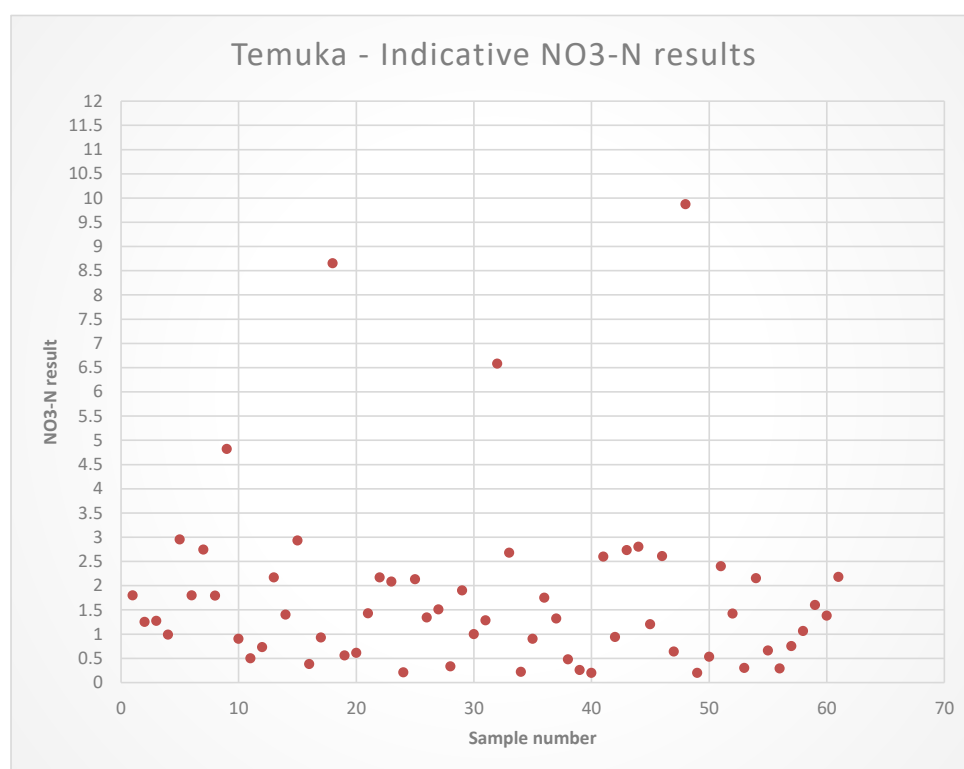
Roles and organisations that should be consider for future events:

- **Taumata Arowai** – Help answer any general drinking water questions. Talk to handout information that was previously provided by Community and Public Health info - <https://www.cph.co.nz/wp-content/uploads/drinkwaterfaqnitrates.pdf>
- **District Council staff member** - Help people work out if they can connect to a community supply/answer any community supply questions.
- **Local filtration suppliers / well drillers** – available for people to talk to if high results are found. Consider conflict of interest and whether one supplier can be promoted above another and whether they are offering the most cost effective and efficient option.
- Consider linking into Canterbury or NZ studies (e.g. Dr Tim Chamber's at Otago University) – permission will be required from attendees to share their data.

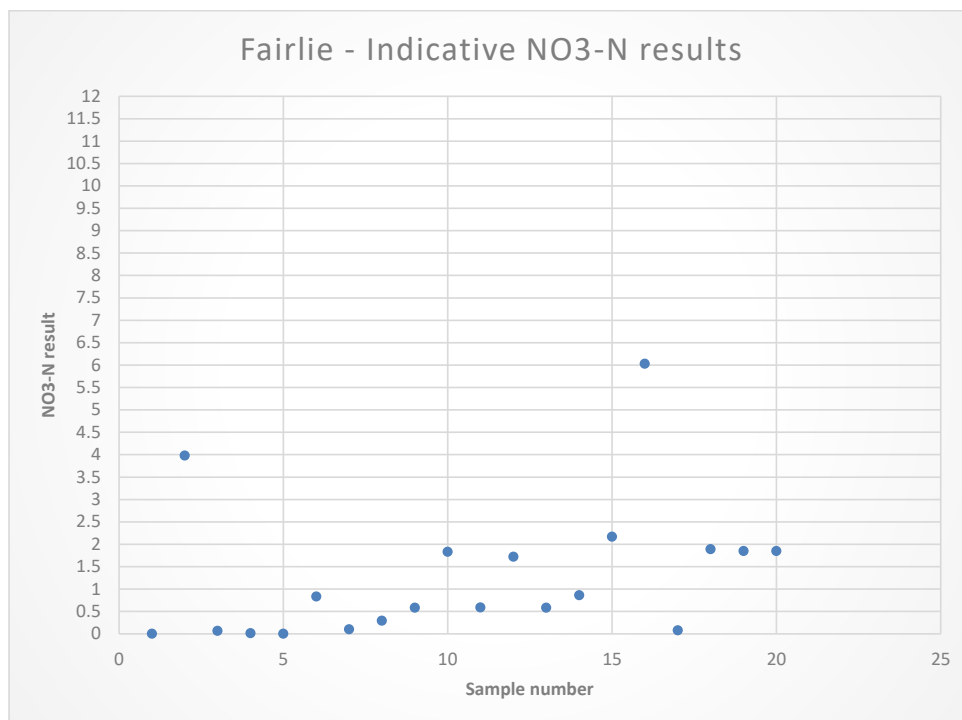
## Post event

The location of where each sample was taken was not recorded nor were test results linked to any specific person.

**Temuka** - Approximately 65 sample tests were completed between 10am and 12.30pm. There were 28 people who registered prior to the testing session and a further 25 people dropped in on the day. Some members of public brought multiple samples in for testing. Four results were not captured on the day.



**Fairlie** - Approximately 21 samples were completed between 3pm and 5.30pm. There were 5 people who registered prior to the testing session and a further 7 people dropped in on the day. Most brought multiple samples in for testing. One sample was brought in that tested at 23.0 NO<sub>3</sub>-N. However, the well that this sample originated from was not being used for drinking water supply so is not included in the graph below.



### Overall budget

	Excl GST	Incl GST
Timaru Courier	\$ 535.68	\$ 646.03
Timaru Signs Graphix	\$ 367.30	\$ 422.39
Fairlie Venue	\$ 139.13	\$ 160.00
Tests - 86 @ \$10	\$ -	\$ 860.00
Tester contribution	\$ -	\$ 900.00
Food (tea, coffee, cups, lunch)	\$ 329.78	\$ 379.25
Printing	\$ 169.25	\$ 194.64
Facebook ad boost	\$ 27.83	\$ 32.00

<b>Total \$ 3,328.97 excl. GST</b>
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Portable colorimeter testing samples in Temuka and handout ready to record sample result.

#### 9.4 OTOP Action Plan & Budget Update

**Author:** Janine Roux, Zone Facilitator

**Authoriser:**

##### **Recommendation**

That the OTOP Zone Committee receives the report.

##### **Purpose of Report**

- 1 This report is by Janine Roux, Zone Facilitator, Environment Canterbury and provides an update on progress in relation to the OTOP Action Plan 2021 – 24 and the CWMS Action Plan Budget.

##### **Attachments**

1. OTOP Action Plan Report June 2022  

**OTOP Zone Committee 2021-24 Action Plan – Report (as of 24 June 2022)****For period July 2021 to June 2022**

Priority and action points from OTOZ Zone Committee 2021-24 Action Plan	Progress <b>green</b> = on track, <b>orange</b> = started, <b>red</b> = no progress	Comments / Progress
<p>We commit to protecting, enhancing, and restoring mahinga kai and tuhituhi neherā sites:</p> <ul style="list-style-type: none"> <li>Zone committee to attend a session at the Te Ana Maori Rock Art Centre and host a field trip to Taniwha Gully with invited catchment group members. Focus on tuhituhi neherā sites and mahinga kai and how best to manage these.</li> </ul>		<p>a. Immediate Steps biodiversity funding recommended by the Zone Committee from FY21 was used by Te Ana Ngāi Tahu Māori Rock Art Trust to part fund a large planting day at their Opihi river tuhituhi neherā (rock art) site in March 2022. The planting day was attended by Timaru District Council, Environment Canterbury, local businesses and zone committee and community members.</p> <p>b. The Zone Committee organised and attended an education session at the Opihi tuhituhi neherā site in May 2022. The field trip aimed to improve the community's understanding of how to protect rock art particularly related to farming, the history and significance of the art and surrounding area, and discuss the planting and restoration of the site's biodiversity/mahinga kai. 27 people attended the session including members of public, Catchment Collective South Canterbury and Te Rūnanga o Arowhenua. \$3,000 from the CWMS Zone Committee Action Plan Budget was recommended by the Zone Committee to cover the guided tour as well as further plants and maintenance to continue ongoing restoration.</p> <p>No related action but relevant to Action Plan priority:</p> <p>c. The Men's Shed Geraldine were recommended funding (\$7,656) to construct and assemble pest trap boxes. The assembled traps will be used by the Geraldine Trapping Alliance, Department of Conservation, and any other community-based predator trapping projects in the area. This project also supports Aotearoa's Predator Free 2050 strategy and the enhancement and protection of breeding populations of indigenous birds and native long-tail bats in the area.</p>



<p>We engage with the community and raise awareness of the impacts of human activity on land and water:</p> <ul style="list-style-type: none"> <li>• Support the Catchment Collective South Canterbury Society Incorporated;</li> <li>• Every zone committee member to be a member of one catchment group and report back regularly to the committee on catchment group needs and initiatives;</li> <li>• Assist in establishing a Washdyke catchment group and help align this with the Waitarakao Washdyke working group.</li> </ul>		<ul style="list-style-type: none"> <li>a. The Zone Committee recommended the Catchment Collective South Canterbury receive \$10,000 funding from the CWMS Action Plan Budget to support their catchment focused Farm Environment Plan workshops as well as Te Tiriti training or similar for members and catchment group representatives.</li> <li>b. A field trip to Waitarakoa lagoon was hosted in December 2021. This was well attended by local businesses as well as members from the newly formed Upper Washdyke catchment group. The purpose was to give the public an opportunity to learn about the upcoming plans for Waitarakao lagoon as well as better understand it's significant biodiversity and all the contributing factors that makes it a complicated area to manage for future generations.</li> </ul> <p>No related action but relevant to Action Plan priority:</p> <ul style="list-style-type: none"> <li>c. An initial update was made available to the public on Plan Change 7 to the Canterbury Land and Water Regional Plan in April 2022.</li> <li>d. An update on the state of the region's groundwater was open to public attendance in September 2022.</li> <li>e. A site visit to Saltwater Creek and the Redruth Ecocentre had members of public attend in December 2022.</li> </ul>
<p>We commit to raising awareness of how to engage in a more positive manner with Rūnanga:</p> <ul style="list-style-type: none"> <li>• Host an annual Te Tiriti o Waitangi workshop for community members to attend;</li> <li>• Work with papatipu rūnanga and relevant landowners to host at least one hikoi for the community. Areas of interest include Waitarakao Washdyke</li> </ul>		<ul style="list-style-type: none"> <li>a. A two-day Te Tiriti course was held in June for members of southern zone committees, local catchment groups and the OTOP community. The workshop aimed to improve locals' knowledge of New Zealand history and to raising awareness on how to better engage with local Runanga. It included a visit to Arowhenua Marae. Funding of up to \$6,500 was recommended to cover the costs of 18 attendees; the final numbers were 14 attendees which meant an underspend on funding.</li> <li>b. A long-term restoration and education project along a segment of the Upper Opihi River adjacent to the Burkes Pass township was recommended to receive \$13,844.00. The first stage of this project known as Te Kopi-O-Te Opihi restoration, will focus on upgrading current fencing to rabbit-proof fencing, willow control and some planting. The work is being supported by the Burkes Pass Heritage Trust, Arowhenua te Runanga and Te Kete Tipuranga O Huirapa Ltd (Arowhenua's commercial nursery). This project</li> </ul>

Lagoon, Te Ahi Tarakihi Reserve and Creek, and Milford Lagoon.		<p>sits well with Arowhenua's values and aspirations to enhance the entirety of the Opihi River. Te Runanga plan to host wananga / hiko and whanau planting days at the site with the landowner's support and inclusion of the Zone Committee.</p> <p>The lower Te Ahi Tarakihi creek restoration forms part of a wider, collaborative programme of work within the Te Ahi Tarakihi catchment (situated in residential Timaru and is a Matakaitai Reserve). Budget was recommended for enhancing the health and amenity values of the wetland area at the lower end of Te Ahi Tarakihi creek. Initial funding (\$4,000) has contributed to fencing to exclude stock from the creek and wetland as well as rubble removal from the creek and surrounding area. This work was completed by Timaru District Council in May 2022.</p>
<p>We champion safe and reliable drinking water for the OTOP community:</p> <ul style="list-style-type: none"> <li>• Host at least one community session offering on-site indicative private drinking water testing. Include presentations of possible solutions and research on reducing high nutrient levels.</li> </ul>		<ol style="list-style-type: none"> <li>A letter of support was written to Dr Tim Chambers for his research into the potential link between nitrates in drinking water and colorectal cancer. Also, recommended to Environment Canterbury that they consider a clinical study with its university partners, to investigate the role of drinking water nitrate in bowel cancer and other related health issues in Canterbury.</li> <li>Two community drop-in sessions were organised and delivered in May by the Zone Committee in 2022. Members of public were offered on-site indicative well drinking water testing and could spent time talking to committee members and scientists about water quality issues. Approximately 65 samples in Temuka and 21 samples in Fairlie were analysed for nitrate concentrations. The sessions were supported by Waterwatch and NZ Federation of Freshwater Anglers who undertook the tests as well as Aqualinc and Environment Canterbury who offered expert advice. \$5,000 was recommended to cover overall costs however, there was an under spend on this project as a third session meant for the Waimate area did not occur.</li> </ol>

<p>We commit to raising awareness of Te mana o te Wai and te mana o te awa in a rural, urban, and industrial context:</p> <ul style="list-style-type: none"> <li>• Host a public forum, combined with other Southern Canterbury zone committees, to assist the public in understanding what Te Mana O Te Wai and te mana o te awa means for them;</li> <li>• Request briefings from Environment Canterbury on the state of our water resources and results from monitoring and share with relevant catchments.</li> </ul>		Nothing to report to date.
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**CWMS Action Plan Budget 2021/22 for the OTOP Zone**

Project Name	Grant Recipient	Budget approved by Zone Committee	Total Cost	Budget / Cost Difference
Catchment Collective South Canterbury Support	Catchment Collective South Canterbury	\$10 000.00	\$10 000.00	\$0
Drinking water road show events	Various	\$5 000.00	\$3 328.97	\$1 671.03
Field trip to Ōpihi taniwha site	Ngai Tahu Maori Rock Art Trust	\$3 000.00	\$3 000.00	\$0
Men's Shed Geraldine Trap project	Geraldine Men's Shed Charitable Trust	\$7 656.00	\$7 656.00	\$0
Te Ahi Tarakihi catchment restoration project	Timaru District Council	\$4 000.00	\$4 000.00	\$0
Te Kopi-O-Te Opihi restoration	The Burkes Pass Heritage Trust	\$13 844.00	\$13 844.00	\$0
Te Tiriti Course	Sharon Annett	\$6 500.00	\$5 497.00	\$1 003.00
<b>TOTAL</b>		<b>\$50 000.00</b>	<b>\$47 325.97</b>	<b>\$2 674.03</b>

## 9.5 Zone Facilitators Report July 2022

**Author:** Janine Roux, Zone Facilitator

**Authoriser:**

### Recommendation

That the report be received by the Zone Committee.

### Purpose of Report

- 1 This report is from Janine Roux, Zone Facilitator, Environment Canterbury. It provides information that may be of interest to the Zone Committee that is not covered elsewhere in the agenda.

### Discussion

#### Cyanobacteria

- 2 Lake Opuha (updated 27 May 2022) - Scums of blue-green algae (planktonic cyanobacteria) have been observed to form intermittently in various locations in Lake Opuha. Contact with the water is not advised when scums are present. Lake Opuha is being monitored on a regular basis and the public will be advised of any changes in water quality.

#### Implementing Overseer Interim Solution

- 3 Following on from the Plan Change 7 update in April, an answer was given to the chair's questions: "When is the interim solution for use of Overseer to allow auditing and consent processing in OTOP to recommence?"

The consent processing for land use applications has now recommenced in OTOP. Due to the backlog, Environment Canterbury are currently prioritising the list of consents. Consent applicants can expect to be contacted regarding next steps over the next month.

An Overseer budget is still required for a new consent however an existing budget may be sufficient. It should be noted that new consents and existing consents will now use a mixture of inputs (such as irrigation area, winter grazing area, farm system category) and outputs (nitrogen loss risk, for example) to assess any current or baseline nutrient budget in order to determine the farm system category and any increased nitrogen loss risk. The Overseer budget will be just one line of evidence and will need to be supported with other evidence.

FEP Auditing has also recommenced as of 5 May in the OTOP Zone with a small number of exceptions.

#### Permitted activity relating to stock water takes / shed wash down etc/ now requiring consent

- 4 The chair raised a question on permitted activities relating to stock water takes / shed wash down etc. that now requiring consent and how this is being handled by Environment Canterbury. The following answer was given:

These are being considered on a case-by-case basis:

- Some can add these uses onto a consent renewal providing there is no proposed increase in annual volume (AV) (therefore no increase in overall allocation). A proposed increase would need to be processed as a new consent.

Some could be put it in as a change of conditions to the current consent (again providing no proposed increase in AV). Consent holders would need to provide an estimate of their water use on the property and there may be restrictions added that they did not have previously.

### **Kerrs Crossing – river works**

- 5 A question was raised at the May zone committee meeting about works in the river near Kerrs crossing. Environment Canterbury have provided the following update:

There is an extraction site below Kerrs Crossing issued to Road Metals Ltd (under consent CRC221760). A permitted activity was confirmed under Rule 5.149 of the Land and Water Regional Plan, in conformance with the Gravel Management Strategy for 29 Oct 2021 to 28 Oct 2022. The fully consented volume was extracted as per return data for Quarter ending 31 Dec 2021 – this consent has now been surrendered.

In addition, Environment Canterbury have been completing regular maintenance of the river fairway. This work included pushing up gravel bunds/banks, snagging the islands of large trees and opening dry cuts for the flow to take during flood events.

Environment Canterbury have an interactive map where you can find more information about our flood recovery works, including finished works.  
<https://apps.canterburymaps.govt.nz/FloodRecovery/>

### **Ministry for the Environment updates**

- 6 Published an updated factsheet covering the intensive winter grazing regulations in the National Environmental Standards for Freshwater has been published - <https://environment.govt.nz/publications/intensive-winter-grazing-factsheet/>
- 7 Released a National Policy Statement for Indigenous Biodiversity (NPSIB) exposure draft for targeted consultation. <https://environment.govt.nz/publications/national-policy-statement-for-indigenous-biodiversity-exposure-draft/>

### **Zone Committee Community Member Refresh**

Four community members have been put forward for the OTOP Zone Committee as community representatives following recommendation from the workshop selection panel.

These appointment recommendations will now be put forward to Environment Canterbury on 28 July, Timaru District Council on 9 August, Mackenzie District Council on 23 August and Waimate District Council on 23 August. They will become fully appointed members from September 2022.

### **Resignation**

A formal resignation has been received by John Cruden, community member representative. His term was to be completed in 2024.

### **Updated Action List**

The Action List below updates the committee on progress on items identified at previous zone committee meetings in 2021 and 2022. Items that have now been completed are not included in this list.

#### OTOP Zone Committee – April 2022 Action list

Date of meeting	Action	Who	Status
Sept 2021	Follow up whether remedial work has taken place at Rangitata Huts following high E.Coli results in ground water survey	Carlos Rosado / Janine Roux (ECan)	Completed - reports and update sent to committee on 17 June 2022
Sept 2021	Provide map showing Nitrate nitrogen concentration trends with well depth and overlay drinking water protection zones.	Carlos Rosado / Janine Roux (ECan)	
Sept 2021	Circulate the arsenic report to the committee when available.	Carlos Rosado / Janine Roux (ECan)	
Sept 2021	Circulate the cadmium report to the committee when available.	Carlos Rosado / Janine Roux (ECan)	

#### Attachments

Nil

- 10      Consideration of Urgent Business Items**
- 11      Consideration of Minor Nature Matters**
- 12      Closing Karakia**