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## **Banks Peninsula Water Management Zone Committee AGENDA**

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### **Notice of Meeting:**

A meeting of the Banks Peninsula Water Management Zone Committee will be held on:

**Date:** Tuesday 17 March 2020  
**Time:** 4pm  
**Venue:** Akaroa Sports Pavilion, 28 Rue Jolie, Akaroa

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### **Membership**

Chairperson	Dr Benita Wakefield - Te Rūnanga o Wairewa
Deputy	Gina Waibl - Community Representative
Chairperson	
Members	Rima Herber - Community Representative
	Elizabeth Macpherson - Community Representative
	Ben Manson - Community Representative
	Paula Smith - Community Representative
	Garrick Thorn - Community Representative
	Andrew Turner - Deputy Mayor Christchurch City Council
	Lan Pham - Councillor Environment Canterbury
	Erana Riddell - ECan Youth Rōpū
	Manaia Cunningham - Te Runanga o Koukourarata
	Rik Tainui - Te Runanga o Onuku
	Aurora Smith - Te Hapū o Ngāti Wheke/Rapaki

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**12 March 2020**

**Zone Facilitator**  
Shelley Washington  
Tel: 027 294 5219  
**Environment Canterbury**

**Committee Advisor**  
Liz Ryley  
Tel: 941 8153  
**Christchurch City Council**

**Principal Advisor**  
Peter Kingsbury  
Principal Advisor Natural Resources  
Tel: 941 8487  
**Christchurch City Council**

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## **Banks Peninsula Water Management Zone Committee**

### **Members' Register of Interests at 24 February 2019**

<b>Representative's Name and Interests</b>	
Paula Smith, Community Representative	<ul style="list-style-type: none"> <li>• Member of the Canterbury Aoraki Conservation Board Te Rūnanga Papa Atawhai o Waitaha me Aoraki</li> <li>• Chair of Stoddart Cottage Trust, Diamond Harbour</li> <li>• Friend of Orton Bradley Park</li> <li>• Residential landowner, Diamond Harbour</li> </ul>
Gina Waibl, Community Representative	<ul style="list-style-type: none"> <li>• Owner of a forestry block with a number of springs (67ha) and a small flock of sheep</li> <li>• Predator Free Port Hills Steering Committee</li> <li>• Resident of Lyttelton Harbour</li> </ul>
Garrick Thorn, Community Representative	<ul style="list-style-type: none"> <li>• Resident of Sumner</li> <li>• Operations Engineer, Department of Chemical and Process Engineering, University of Canterbury,</li> <li>• Experienced: Researcher, Project manager, Process engineer, Environmental engineer (wastewater treatment)</li> <li>• Passionate about science/engineering outreach, engagement and education.</li> </ul>
Elizabeth Macpherson, Community Representative	<ul style="list-style-type: none"> <li>• Property owner in Lyttelton</li> <li>• Property owner in Cass Bay</li> <li>• Senior Lecturer at the University of Canterbury</li> <li>• Principal Cumulus Consulting</li> <li>• Research funded by New Zealand Law Foundation</li> <li>• Research funded by MBIE</li> <li>• Project co-lead Sustainable Seas National Science Challenge</li> <li>• UN Harmony with Nature Knowledge Network</li> <li>• World Commission on Environmental Law</li> <li>• Lawrence Anthony Earth Organisation Advisory Board</li> </ul>
Rima Herber	<ul style="list-style-type: none"> <li>• Do occasional contract work on restoration planting sites in the Wairewa catchment</li> <li>• Tenant on the Oashore property on Banks Peninsula with husband, John Stroh</li> <li>• Zone representative on the Regional Water Committee</li> <li>• Husband, John Stroh, has worked on various restoration projects in the Wairewa catchment</li> </ul>
Manaia Cunningham, Te Rūnanga o Koukourārata	<ul style="list-style-type: none"> <li>• Regenerate Christchurch – Board member</li> <li>• Te Rūnanga o Koukourārata – Board member</li> </ul>

Councillor Lan Pham, ECan	<ul style="list-style-type: none"> <li>Trustee of the Working Waters Trust</li> </ul>
Deputy Mayor Andrew Turner, CCC	<ul style="list-style-type: none"> <li>Christchurch City Council - Councillor (Banks Peninsula), Deputy Mayor</li> <li>Appointed to Banks Peninsula Community Board</li> <li>Christchurch City Holdings Ltd – Director</li> <li>ChristchurchNZ Holdings Ltd – Director</li> <li>Rod Donald Banks Peninsula Trust - Trustee</li> <li>Banks Peninsula War Memorial Society Incorporated – Board Member</li> <li>Lyttelton Harbour Information Centre - Trustee</li> <li>Lyttelton Returned Services Association - Trustee</li> <li>Okains Bay Maori and Colonial Museum Trust - Trustee</li> <li>The Christchurch Foundation - Trustee</li> <li>Christchurch Heroes LGBTQI + inclusive sports teams Charitable Trust – Trustee &amp; Co-Chair</li> <li>Harbour Wind Ltd - Shareholder</li> <li>Purple Cow Ltd - Shareholder</li> <li>Harbour Co-op - Shareholder</li> </ul>

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### Karakia Whakamutunga

The meeting will be opened with a Karakia/Timatanga and closed with a Karakia/Whakamutunga

## **1. Apologies**

At the close of the agenda no apologies had been received.

## **2. Declarations of Interest**

Members are reminded of the need to be vigilant and to stand aside from decision making when a conflict arises between their role as an elected representative and any private or other external interest they might have.

## **3. Updates from Banks Peninsula Zone Committee Members**

An opportunity for members to highlight events/meetings/issues relevant to the Zone Committee.

A presentation will be given by Rik Tainui about Ōnuku Runanga.

## **4. Confirmation of Previous Minutes**

That the minutes of the Banks Peninsula Water Management Zone Committee meeting held on [Tuesday, 11 February 2020](#) be confirmed (refer page 6).

## **5. Matters Arising from the Minutes**

## **6. Deputations by Appointment**

There were no deputations by appointment at the time the agenda was prepared.

## **7. Identification of Urgent Items**

## **8. Identification of General Public Contributions**

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## **Banks Peninsula Water Management Zone Committee OPEN MINUTES**

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**Date:** Tuesday 11 February 2020  
**Time:** 5.15pm  
**Venue:** Old Stone House, 30 Shalamar Drive, Cracroft

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### **Present**

Chairperson	Dr Benita Wakefield - Te Rūnanga o Wairewa
Deputy	Gina Waibl - Community Representative
Chairperson	Rima Herber - Community Representative
Members	Elizabeth Macpherson - Community Representative
	Ben Manson - Community Representative
	Paula Smith - Community Representative
	Garrick Thorn - Community Representative
	Andrew Turner - Deputy Mayor Christchurch City Council
	Lan Pham - Councillor Environment Canterbury
	Manaia Cunningham - Te Rūnanga o Koukourārata
	Rik Tainui - Te Rūnanga o Ōnuku
	Aurora Smith - Te Hapū o Ngāti Wheke/Rapaki

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Attendees: Banks Peninsula Community Board - Philipa Hay; ECan - Brad Waldon-Gibbons, Harry Millar, Andy Barbati-Ross, Gill Jenkins; DOC - John Benn; Farmers - George Masefield and Evan Marshall; ECan Youth Rōpū - Erana Riddell

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**7 February 2020**

**Zone Facilitator**  
Shelley Washington  
Tel: 027 294 5219  
**Environment Canterbury**

**Committee Advisor**  
Liz Ryley  
Tel: 941 8153  
**Christchurch City Council**

**Principal Advisor**  
Peter Kingsbury  
Principal Advisor Natural  
Resources  
Tel: 941 8487  
**Christchurch City Council**

Unconfirmed

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Manaia Cunningham opened the meeting with a Karakia/Timatanga.

The agenda was dealt with in the following order.

## **1. Apologies**

### **Committee Resolved BPZC/2020/00001**

That the apologies for lateness received from Deputy Mayor Andrew Turner be accepted.

Dr Benita Wakefield/Gina Waibl

**Carried**

## **2. Declarations of Interest**

There were no declarations of interest recorded.

Note: Item 10 Canterbury Water Management Zone Committee – Management of Conflicts of Interest emphasises the issue regarding perceived conflicts of interest.

## **3. Updates from Banks Peninsula Zone Committee Members**

Members highlighted events/meetings/issues relevant to the Zone Committee, including the following points:

**Ben Manson** – Ben introduced George Masefield and Evan Marshall, landowners in the Duvauchelle catchment zone who were in attendance to express their concerns regarding the matter in Item 15 of the Facilitator's Update Report about the topdressing impact on drinking water. Peter Kingsbury and Harry Millar will follow up with the landowners.

### **Committee Resolved BPZC/2020/00002**

That the Banks Peninsula Water Management Zone Committee request the appropriate Christchurch City Council staff to:

1. Inform the Zone Committee about the background and reasons for the proposal to change the water protection zones.
2. Clarify the role of Emma Manhart and issue of conflict of interest.

Paula Smith/Dr Benita Wakefield

**Carried**

**Garrick Thorn** – Reported on the bank stabilisation programme and the One Billion Trees Fund project plan that will be presented soon.

**Manaia Cunningham** – Advised that the topic of water was a big issue with whanau having to buy in water due to the lack of rainfall. A citizenship ceremony was held on Waitangi Day at Okains Bay.

**Lan Pham** – Reported on the Banks Peninsula Conservation Trust end of year hui, and advised that Mark Christensen, Chairperson of the Trust would brief the Committee at its next meeting on areas such as the Trust's ecological vision. Before the next meeting please advise Lan any issues regarding Whakaraupō/Lyttelton Harbour, as a strategic setting meeting will be held.



**Paula Smith** – Reported that the World Fish Migration Day is on 16 May 2020.  
<https://www.worldfishmigrationday.com/>. She referred to an article titled “Water Plan for City Needs Work” by the Governance Group for Whaka-Ora Healthy Harbour.

**Liz Macpherson** – Advised that she was planning regarding the Sustainable Seas National Science Challenge.

**Aurora Smith** – Reported on the very informative visit by Nature Agents to Rāpaki Marae, a meeting attended in relation to Wairewa funding, and about Paul Horgan, Natural Resources Advisor for Rāpaki. Aurora also attended a noho marae at Ōnuku. Aurora noted the need for flat land for land based wastewater treatment.

**Rima Herber** – Advised she was working on the Oashore property predator control and restoration project, and on removal of horned poppy. She suggested inviting Iaeen Cranwell to a meeting to discuss Lake Roto o Wairewa and the bund.

**Rik Tainui** – Introduced himself to the meeting and advised he was on the Te Rūnanga o Ngai Tahu Board, Chair of Ōnuku Marae, and on the Pest Free Governance Committee. He advised he was pleased to be part of and contributing to the Zone Committee. He has been involved with the Akaroa Wastewater Project.

**Benita Wakefield** – Advised she appreciated Rik covering the Akaroa area. She mentioned she would like to see a Peninsula wide strategic plan on climate change with everyone involved. Funding for capacity building was being considered.

**Paula Smith** – Suggested that because the Zone Committee’s focus was freshwater, that perhaps the Community Board may be better placed to consider the strategic plan on climate change.

It was noted that an update will be provided to the April meeting about the Christchurch City Council’s Climate Smart Strategy.

**Gina Waibl** – Reported on her attendance at the Whaka-Ora Advisory Group meetings, a public open day at the Rāpaki Marae on 26 July, stall at the Banks Peninsula Festival at Orton Bradley Park on 22 February 2020, field trip to Cass Bay regarding catchment planting, and a Biosecurity Advisory meeting. Gina is also attending the Whaka-Ora Noho Marae.

Philipa Hay, Community Development Advisor for the Lyttelton/Mt Herbert Subdivision of the Banks Peninsula Community Board was welcomed. She advised she was attending the meeting as the Board wanted to form a closer relationship between the two groups. Suggestions to be investigated by staff are the Zone Committee minutes published with the Community Board agenda, and by inviting the Committee to provide regular briefings to the Board.

#### **4. Confirmation of Previous Minutes**

**Committee Resolved BPZC/2020/00004**

That the minutes of the Banks Peninsula Water Management Zone Committee meeting held on Tuesday, 19 November 2019 be confirmed, subject to the following amendments:

- Page 6 – Nature Agents Diamond Harbour School, amend the beginning of the first paragraph to read “Ian Lloyd, former Banks Peninsula Zone Committee member, and Jill Pears, Principal,....”
- Ensure Erana Riddell’s name is in full wherever mentioned in the minutes.
- Page 9 Item 10 Water Quality and Ecosystem Health Monitoring – correct the spelling of Te Roto o Wairewa.

Manaia Cunningham/Paula Smith

**Carried**

## **5. Matters Arising from the Minutes**

Liz Macpherson advised that the new Director appointed to the Waterways Centre for Freshwater Management, Professor James Brasington has commenced in his role and she suggested contact with him. Councillor Pham advised that Professor Brasington will be making a presentation to ECan, and she would provide members of the Zone Committee with feedback on this.

## **6. Deputations by Appointment**

There were no deputations by appointment.

## **7. Identification of Urgent Items**

Nil.

## **8. Identification of General Public Contributions**

Refer to Ben Manson’s earlier update under Item 3 where he introduced George Masefield and Evan Marshall.

## **9. Working of the Zone Committee 2020**

### **Committee Comment**

1. The Committee Advisor called for nominations for the following positions.  
Chairperson
  - Paula Smith nominated Benita Wakefield, seconded by Rima Herber  
There being no other nominations, Benita Wakefield was elected as Chairperson.
2. Deputy Chairperson
  - Benita Wakefield nominated Gina Waibl, seconded by Rima Herber  
There being no other nominations, Gina Waibl was elected as Deputy Chairperson.
3. Regional Representative
  - Benita Wakefield nominated Rima Herber, seconded by Lan Pham  
Rima Herber was elected as Regional Representative.

### **Committee Resolved BPZC/2020/00005**

That the Banks Peninsula Water Management Zone Committee decide to:

1. Elect:
  - a. Benita Wakefield as Chair for 2020
  - b. Gina Waibl as Deputy Chair for 2020
  - c. Rima Herber as Regional Representative for 2020
2. Meet 4pm - 8pm on the following Tuesdays:
  - a. 11 February – Old Stone House, Cracroft (5pm)
  - b. 17 March – Akaroa Sports Pavilion
  - c. 21 April (subsequently moved to 28 April)
  - d. 19 May
  - e. 23 June (subsequently moved to 30 June)
  - f. 21 July
  - g. 18 August
  - h. 22 September
  - i. 20 October
  - j. 17 November.

Gina Waibl/Garrick Thorn

**Carried**

Deputy Mayor Turner arrived at 6.04pm.

## **10. Canterbury Water Management Zone Committee - Management of Conflicts of Interest**

### **Committee Comment**

1. Shelley Washington reminded members of the process that should occur at the commencement of each meeting for declaring conflicts. Also that if a conflict arises for a member through discussion during a meeting, they should declare the conflict at that point.

### **Committee Resolved BPZC/2020/00006**

That the Banks Peninsula Water Management Zone Committee:

1. Receive the information in the Management of Conflicts of Interests report.

Dr Benita Wakefield/Gina Waibl

**Carried**

## **11. Contribution of Young People to the Zone Committee**

### **Committee Comment**

1. Members thanked Erana Riddell for working with the Zone Committee.

### **Committee Resolved BPZC/2020/00007**

That the Banks Peninsula Water Management Zone Committee:

1. Recommends that an Environment Canterbury Youth Rōpū member, Erana Riddell, is co-opted to the Banks Peninsula Zone Committee on a 12 month trial.

Paula Smith/Andrew Turner

**Carried**

An adjournment was taken from 6.19pm to 6.49pm.

## **12. Action Plan 2020-2022**

### **Committee Comment**

1. Committee members listed their priority actions relating to the Action Plan:
  - a. Run a public event regarding carbon farming
  - b. Community is aware – and can have a say
  - c. Education on freshwater
  - d. Successful relationships with landowners regarding Wairewa bank stabilisation
  - e. Build relationship with Selwyn District youth for engagement to the Zone Committee
  - f. Catchment management plan implementation
  - g. Fund road cutting trial
  - h. Continue to investigate environmental flows and minimum flows on Banks Peninsula streams, and consider impacts on stream ecology
  - i. Immediate Steps Biodiversity Fund:
    - i. is strategically allocated, including consideration of climate change effects on all actions as a matter of course
    - ii. broad thinking regarding fencing and planting
  - j. Mahinga kai is built into all decision making
  - k. Public understanding to inspire support on sediment education
  - l. Te Roto o Wairewa/Lake Forsyth is communicated and supported
  - m. Support removal of wastewater from Akaroa Harbour
  - n. Mahinga kai within kaitiakitanga
  - o. Work to develop meaningful water quality monitoring results
  - p. Funding for Wairewa bank stabilisation
  - q. Issue of wastewater to Harbour
  - r. Increase rangatahi understanding of mahinga kai through hui
  - s. Native fish barriers addressed with landowners
  - t. Progress on reduction of sediment to Whakaraupō/Lyttelton Harbour
  - u. Communicate monitoring results and State of Waterways to individual catchments
  - v. Advocate for more monitoring and investigation into results
  - w. Stock fencing well underway across the Peninsula
  - x. Mahinga kai is a widely used term across community
  - y. Improve drinking water quality at marae
  - z. Coastal management/climate change
  - aa. Address antibiotic resistance in drinking water with community.

3. The Committee then voted on their top two priorities each for 2020. These were to facilitate community involvement; and implementation that gives effect to the Canterbury Water Management Strategy in Banks Peninsula. The Zone Facilitator will compile the results of this and share with the Committee.

**Committee Resolved BPZC/2020/00008**

That the Banks Peninsula Water Management Zone Committee:

1. Note the Three Year Action Plan for 2020-2022.

Dr Benita Wakefield/Gina Waibl

**Carried**

### **13. Canterbury Water Management Strategy Updates**

**Committee Comment**

1. Brad Waldon-Gibbons provided a presentation titled “Fit for Future Targets & Goals: (Kaitiakitanga & Mahinga Kai)”. This provided an agreed way to measure progress against the vision, priorities and principles of the Canterbury Water Management Strategy, with goals/targets for 2020, 2025, 2030 and 2040.

**Committee Resolved BPZC/2020/00009**

That the Banks Peninsula Water Management Zone Committee:

1. Receives the information on the Canterbury Water Management Strategy Targets and Goals on Kaitiakitanga and Mahinga Kai.

Note: Brad Waldon-Gibbons, Irai Weepu and Mananui Ramsden will support the Committee with this.

Lan Pham/Paula Smith

**Carried**

### **14. Wairewa ZIP Addendum - A Draft Summary**

**Committee Resolved BPZC/2020/00010**

That the Banks Peninsula Water Management Zone Committee:

1. Note the Wairewa ZIP Addendum – A Draft Summary that will be discussed at a future meeting.

Gina Waibl/Aurora Smith

**Carried**

Councillor Pham departed at 8.15pm during Item 15.

### **15. Facilitator's Update - 11 February 2020**

**Committee Comment**

1. The following additional matters were noted by Shelley Washington:

- a. Regional Youth Voices Hui – date to be confirmed at Wairewa Marae.
- b. Fact sheet on the Great Willowherb.
- c. Stormwater consent appeal process completed – regular monitoring reports/alerts requested.
- d. Immediate Steps Biodiversity Fund – update provided by Gillian Jenkins and information about three projects that will not go ahead. The remaining projects will be presented to the April 2020 meeting for decision.
- e. The issue about vehicles on beaches was noted.

**Committee Resolved BPZC/2020/00011**

That the Banks Peninsula Water Management Zone Committee:

1. Receive the information in the Facilitator's Update Report – 11 February 2020.

Manaia Cunningham/Dr Benita Wakefield

**Carried**

Manaia Cunningham closed the meeting with a Karakia/Whakamutunga.

**Meeting concluded at 8.24pm.**

**CONFIRMED THIS 17TH DAY OF MARCH 2020**

**BENITA WAKEFIELD  
CHAIRPERSON**

## **9. Committee Role in Priorities for 2020**

Reference / Te Tohutoro: 20/265238

Report of / Te Pou Shelley Washington – shelley.washington@ecan.govt.nz

Matua: Item Timing: 30 minutes

### **1. Purpose of Report / Te Pūtake Pūrongo**

- 1.1 The purpose of this report is for the Banks Peninsula Water Management Zone Committee to discuss and decide on their role and influence with each of the highest priorities (those receiving two or more votes) that were identified at the 11 February 2020 meeting, as listed in the recommendation and as Attachment A.

### **2. Officer Recommendations / Ngā Tūtohu**

That the Banks Peninsula Water Management Zone Committee:

1. Decides the role and influence they wish to have during 2020 with each of the highest priorities (those receiving two or more votes) that were identified at the 11 February 2020 meeting. These were:
- Mahinga kai built into all decision-making
  - Whaka-Ora Healthy Harbour Plan Implementation – especially sediment components
  - Investigate minimum flow and environmental flows and impacts on stream ecology and water supply
  - Removing wastewater from Akaroa Harbour
  - Coastal management and climate change.
  - Strategically allocate Immediate Steps Funding and a strategic approach to freshwater related biodiversity.

### **3. Report**

- 3.1 Attached is the list of priorities the Zone Committee identified.

### **Attachments**

No.	Title	Page
A <a href="#">↓</a>	Zone Committee priorities identified for 2020	16



Below are the priorities the Zone Committee identified, with some suggestions for way to analyse and discuss further.

Table 1 - Sets out the priorities

Table 2 - Groups priorities into logical themes/topics

Table 3 - List of the notes from the discussion

Table 1 - Notes from Action Plan 2020 priority setting at BPZC meeting 11 February 2020

<u>Priority</u>	<u>Votes</u>	<u>Zone Committee role/influence</u>	<u>Draft comments – next steps in thinking/questions</u>	<u>Impact on action plan?</u> # = priority action in action plan, not in prioritised order	<u>Impact on draft forward meeting schedule/agendas</u>
Mahinga kai built into all decision-making	5	Working Group and ZC to figure out role/influence.	Working Group will need to figure out what they mean by mahinga kai being built into all decision-making and what additional steps are required that ZC can take a role in or influence, to make this happen (in addition to actions already underway).	Currently refers to mahinga kai used as indicator to help monitor health of BP waterways + potential future Mātauranga Māori project + Mahinga Kai education + show case Ki Uta Ki Tai. These still appear appropriate items to be in action plan. However education aspects might be actioned by Community Education and Education working group?	Put on agenda once Working Group has some recommended actions/approach and when Irai and Brad are ready to discuss Rūnanga projects with ZC.
Whaka-Ora Healthy Harbour Plan Implementation – especially sediment components	4	In Action plan the ZC currently says they will promote what is happening rather than take an active role. And that WZC Rep (Gina) to inform WZC when opportunities to contribute arise.	Does this role/influence remain same or do they wish to change? If change, how? The Whaka-Ora Healthy Harbour Plan already has its own governance group, community advisory group, 2+ staff employed and support from Ngāti Wheke, CCC, LPC & ECan.	Currently in action plan #1 though wording currently focuses on riparian planting, however this is a sediment component. Any change in role/influence?	Fine. Currently planned for May and this is still appropriate.
Investigate minimum flow and environmental flows and impacts on stream ecology and water supply	4	Depends on outcome of March agenda item.	Depends on outcome of March agenda item.	Depends on outcome of March agenda item. Currently in action plan #12. Education component currently in action plan #10.	Fine. Currently planned for March.
Getting wastewater out of Akaroa Harbour	3	In action plan ZC chosen to have a passive role, receive updates. ZC has taken more active role in Wainui by requesting a research project which is nearly complete.	This this role/influence remain same or do they wish to change? If change, how? What does Rik Tainui think would be a useful role for ZC to play? This is already part of a process underway involving Rūnanga, community and statutory processes. ZC can't make submissions.	Partly covered by action #21 and #22 and #23.	Fine. Tentatively planned for August.
Coastal management and climate change	3	ZC to figure out role/influence for each.		Partly covered by action #24. And #29.	Currently planned for April. May require further follow up at a later meeting also.



Strategically allocate Immediate Steps Fund and a strategic approach to freshwater related biodiversity	2			Currently in action plan #13 and these also relate #14.	Fine. Currently planned for April and Mahinga Kai and Biodiversity Working Group are meeting 17 March 2020.
Whakaraupō Roadside Cutting Project	1			Currently in action plan #16. Is a priority project in Whaka-Ora Catchment Plan so though 1 vote it is also part of the topic with 4 votes.	Fine. Currently planned for May. Field visit done Feb.
Community aware of what ZC up to and has input	1			Currently in action #25, #27.	Communications & Engagement Working Group could work on this.
Freshwater Education	1			Currently in action #26 and partly via other action plan items.	Communications & Engagement Working Group could work on this.
Drinking water quality for Marae that are not on supply	1	Currently a passive role of being updated. (refer action plan actions underway)	ZC to consider if any further role or action required?	Currently in action plan (#4). Action plan also includes #5 safe and secure drinking water for communities, which has similar ZC role.	Fine. Currently tentative theme for September meeting – drinking water.
Native fish barriers addressed	1			Currently in action plan #15.	Mahinga Kai and Biodiversity Working Group could work on this.
More monitoring (water quality and ecosystem health)	0			ECan currently following up requests for mahinga kai addition to monitoring and to focus on 1-2 streams for follow-up.	
Public event about carbon farming	0			Currently in action plan #18.	Communications & Engagement Working Group could work on this. Gina likely lead for this event.
Relationships with landowners for Wairewa Bank Stabilisation Project	0			Currently in action plan #17. While only getting 0 votes this project has already been committed to community, Rūnanga by ZC already and required by ZiPA.	Fine. Currently planned for June.
Sediment education	0				Communications & Engagement Working Group could work on this
Te Roto o Wairewa management well communicated to community and supported	0				Fine. Currently planned for June.
Work with science staff to meaningfully use water quality and ecosystem health data. Communicate to community. Focus on catchments.	0			Currently in action plan #7.	
Relationship with Selwyn Youth	0				

Climate change a matter of course – in all decision making	0				
Funding for Wairewa Bank Stabilisation Project	0			Currently in action plan #17. While only getting 0 votes this project has already been committed to community, rūnanga by ZC already and required by ZiPA.	
Increase rangatahi understanding of mahinga kai, and public	0			Partly currently in action plan #8.	
Stock exclusion on Banks Peninsula	0			Partly currently in action plan #9. Action plan should be expanded as good to get stock out of all waterways, not just Wairewa. Also relates to #11 in action plan.	
Address antibiotic resistance in drinking water with community	0				

**Table 2 - Possible groupings of priorities and possible working groups established for one year**

<u>Theme</u>	<u>Components receiving 2 or more votes</u>		<u>Components 1 vote</u>	<u>Components 0 votes (NB: but were deemed to be a top 3 priority for 2020 by at least one ZC member)</u>					<u>Working Group Suggestions</u>
Mahinga Kai and Biodiversity	<b>Mahinga kai built into all decision-making (5)</b>	<b>Strategically allocate Immediate Steps Fund and a strategic approach to freshwater related biodiversity (2)</b>	Native fish barriers addressed (1)		Stock exclusion on Banks Peninsula (0)				Mahinga Kai and Biodiversity
Sediment	<b>Whaka-Ora Healthy Harbour Plan Implementation – especially sediment components (4)</b>		Whakaraupō Roadside Cutting Project (1)	Sediment education (0)	Relationships with landowners for Wairewa Bank Stabilisation Project (0)	Funding for Wairewa Bank Stabilisation Project (0)	Te Roto o Wairewa management well communicated to community and supported (0)	Public event about carbon farming (0)	Sediment
Water Quantity and Water	<b>Investigate minimum flow and</b>			Work with science staff to meaningfully use					Depends on decision at March meeting about whether ZC wants to pursue this or not. If they choose an education pathway

Quality science	<b>environmental flows and impacts on stream ecology and water supply</b> (4)			water quality and ecosystem health data. (0)					this can sit with Community Engagement and Education working group. If wish to take the more formal planning route this may require a small working group.
Wastewater	<b>Getting wastewater out of Akaroa Harbour</b> (3)								Does not require a working group.
Coastal management and climate change	<b>Coastal management and climate change</b> (3)		Climate change a matter of course – in all decision making (0)						Depends on outcome of discussions by ZC at April or later meetings. If there is consensus they want to focus on this and have rationale for it then a Coastal management and climate change working group
Community engagement and education	Community aware of what ZC up to and has input (1)	Freshwater Education (1)	Communicate water quality and ecosystem health data to community. Focus on catchments. (0)	Relationship with Selwyn Youth (0)	Increase rangatahi understanding of mahinga kai, and public (0)				Community engagement and education. Given that the #1 purpose and function of ZC is to “facilitate community involvement” that gives effect to CWMS, a working group on this may be useful.
Drinking Water			Drinking water quality for Marae that are not on supply (0)	Address antibiotic resistance in drinking water with community (0)					Does not require Working Group.

**Table 3 – Notes taken from discussion:**

- a. Run a public event regarding carbon farming
- b. Community is aware – and can have a say
- c. Education on freshwater
- d. Successful relationships with landowners regarding Wairewa bank stabilisation
- e. Build relationship with Selwyn District youth for engagement to the Zone Committee
- f. Catchment management plan implementation
- g. Fund road cutting trial
- h. Continue to investigate environmental flows and minimum flows on Banks Peninsula streams, and consider impacts on stream ecology
- i. Immediate Steps Biodiversity Fund:
  - i. is strategically allocated, including consideration of climate change effects on all actions as a matter of course
  - ii. broad thinking regarding fencing and planting

- j. Mahinga kai is built into all decision making
- k. Public understanding to inspire support on sediment education
- l. Te Roto o Wairewa/Lake Forsyth is communicated and supported
- m. Support removal of wastewater from Akaroa Harbour
- n. Mahinga kai within kaitiakitanga
- o. Work to develop meaningful water quality monitoring results
- p. Funding for Wairewa bank stabilisation
- q. Issue of wastewater to Harbour
- r. Increase rangatahi understanding of mahinga kai through hui
- s. Native fish barriers addressed with landowners
- t. Progress on reduction of sediment to Whakaraupō/Lyttelton Harbour
- u. Communicate monitoring results and State of Waterways to individual catchments
- v. Advocate for more monitoring and investigation into results
- w. Stock fencing well underway across the Peninsula
- x. Mahinga kai is a widely used term across community
- y. Improve drinking water quality at marae
- z. Coastal management/climate change
- aa. Address antibiotic resistance in drinking water with community.

## 10. Facilitator's Update - 11 February 2020

Reference / Te Tohutoro: 20/266495

Report of: Shelley Washington – shelly.washington@ecan.govt.nz  
Item Timing – 5 minutes

### 1. Purpose of Report / Te Pūtake Pūrongo

The purpose of this report is to inform the Zone Committee of community engagement events/relevant updates and actions from previous meetings.

### 2. Officer Recommendations / Ngā Tūtohu

That the Banks Peninsula Water Management Zone Committee:

1. Receive the information in the Facilitator's Update Report.

### 3. Report

#### 3.1 RECENT EVENTS

Event	Target Audience
<b>Whaka-Ora Healthy Harbour Noho Marae, 18-19 February 2020</b>	<p>Governance, management and on-ground staff representatives of the partners to the Whaka-Ora Healthy Harbour Plan. These include: Te Hapu o Ngati Wheke; Te Rūnanga o Ngāi Tahu; Lyttelton Port Company; Christchurch City Council; and Environment Canterbury. Representatives also attended from Whaka-Ora Community Advisory Group and Whaka-Ora staff.</p> <p>Those who attended who are also involved in the Banks Peninsula Zone Committee were: Gina Waibl, Cr Lan Pham, Cr Andrew Turner, Aurora Smith.</p> <p>The Noho Marae included Governance speaking about their commitment to Whaka-Ora and focusing on possible next actions for implementation. These draft actions will be presented to the Whaka-Ora Governance Group on 13 March 2020 for consideration on how to implement them.</p> <p><b>Key Themes for Actions from the Noho Marae:</b></p> <ul style="list-style-type: none"><li>- Practical actions e.g. removing barriers</li><li>- Regulatory instruments and using them better</li><li>- Data and monitoring and the collation/alignment of it, needed for telling the story of the Whaka-Ora journey</li></ul>

	<ul style="list-style-type: none"> <li>- Social process, behaviour change is key for multiple groups, building capability and capacity amongst communities etc.</li> </ul>
<b>Banks Peninsula Festival, 22 February, Orton Bradley Park</b>	Public. Gina participated in a stall.
<b>Zone Committee Annual Report presented to Environment Canterbury Councillors, 12 March</b>	<p>Environment Canterbury Councillors</p> <p>This verbal presentation occurred on Thursday 12 March, based on the content of the Annual Report and discussion/questions.</p>

### 3.2 UPCOMING EVENTS

Event	Target Audience & Notes
<b>Zone Committee Annual Report presentation and Quarterly Report to CCC Three Waters Infrastructure and Environment Committee, 25 March</b>	<p>Christchurch City Council Councillors</p> <p>This verbal report will happen on Wednesday 25 March, based on the content of the Zone Committee Chair's Quarterly Report, Annual Report and discussion/questions.</p>
<b>Zone Committee Annual Report</b>	Once presented to CCC Council and ECan Council it will be shared more widely and some hard copies produced.
<b>Grow Ō Tautahi, 20-22 March 2020, Botanic Gardens</b>	<p>Public</p> <p>Christchurch Garden Festival. A vibrant, contemporary garden festival showcasing creativity, innovation and the region's love of gardens, design and outdoor living.</p> <p>Mananui Ramsden will be giving a talk about mahinga kai each day.</p> <p>The Christchurch West Melton Zone Committee and Environment Canterbury staff will be having an educational stormwater display for children in the children's area.</p>
<b>2020 Regional Youth Voices Hui, Tentative: 20-22 April 2020. Wairewa Marae.</b>	<p>Environment Canterbury Youth Rōpū group, young people (15-24yrs) from across Canterbury. Outcome: provide engagement and education for young people to grow their leadership, knowledge and action around sustainable environmental management and regional leadership issues.</p> <p>Day 1: Pōwhiri and whanaungatanga. Intro to decision making.</p>

	<p>Day 2: Field trip/activity in Wairewa Catchment. Learning about issues facing the zone.</p> <p>Day 3: Action focus.</p> <p>The morning of Day 3 ( Wednesday 22 April) includes a “mock” Zone Committee meeting where the youth participants will play the role of Zone Committee members, presenters, facilitator, public and agency supporters. Currently Gina has put up her hand to chair this meeting. Zone Committee members welcome to attend. For enquiries about this contact Shelley Washington. For enquiries about the overall event contact Jocelyn Papprell at <a href="mailto:jocelyn.papprell@ecan.govt.nz">jocelyn.papprell@ecan.govt.nz</a></p> <p>Erana Riddell will be taking part and will update the Zone Committee further.</p>
<p><b>Mother of All Clean Ups event, Saturday 9 May. This is the fifth year of this event.</b></p> <p><b>and</b></p> <p><b>World Fish Migration Day, Saturday 16 May 2020.</b></p>	<p>Public</p> <p>Picking up rubbish event along the rivers of Christchurch and Avon Heathcote Estuary/Ihutai on 9 May.</p> <p>Then some displays, talks and story times, focussed on freshwater fish and fish passage, at Tūranga (Christchurch Central Library) during 11 to 15 May. Ending with a multi-agency advocacy event for the public of Christchurch at the Tūranga Library from 10-2pm on Saturday, 16th May.</p> <p>TBC – any Banks Peninsula events?</p>
<p><b>WaterShed 2020, Monday 8 and Tuesday 9 June 2020</b></p>	<p>Zone Committee Members</p> <p>WaterShed 2020 – Inspiring Action. A CWMS symposium, dinner and field trip. Addington Event Centre, Christchurch. Programme and full details available in April. Enquiries to <a href="mailto:corinne.paine@ecan.govt.nz">corinne.paine@ecan.govt.nz</a></p>
<p><b>Whaka-Ora public open day, 26 July, Rāpaki Marae</b></p>	<p>Public</p> <p>Update on Whaka-Ora Healthy Harbour Plan implementation and getting involved.</p>

### 3.3 UPDATE ON MATTERS RAISED AT PREVIOUS MEETINGS

See Attachment A for details.



### **3.4 FOR YOUR INFORMATION AND INSPIRATION**

#### **Seeking Banks Peninsula Zone Committee input on Zone Committee function (role) and form**

#### **Canterbury Water Management Strategy Zone and Regional Committee Paper**

<b>Report to</b>	Banks Peninsula Zone Committee
<b>Date of meeting</b>	17 March 2020
<b>Subject matter</b>	Enhancing CWMS Implementation: Role of CWMS Water Management Committees
<b>Prepared by</b>	Caroline Hart, Senior Strategy Manager, Strategy and Planning Management
<b>Action</b>	For information and discussion

#### **Purpose – Zone Committee Feedback**

1. To inform and seek initial input from Canterbury Water Management Strategy (CWMS) Regional and Zone Committees on work underway to ascertain how empowered zone committees can continue to promote community engagement and support the ongoing implementation of the CWMS.

#### **Guidance Sought**

2. CWMS committee views are sought on the role zone committees are best placed to play to support CWMS implementation (zone committee function), and how committees can be best supported to fulfil this function (zone committee form).
3. Time will be allocated to allow committee discussion and gather initial feedback from the zone committee on this topic in March and April 2020.

#### **Introduction**

4. The CWMS was adopted by the Canterbury Mayoral Forum in 2009 as a multi-generational strategy to provide for community engagement and collaboration in managing the region's freshwater. The CWMS committees are an essential part of this strategy, as recently endorsed by the Canterbury Mayoral Forum (see more in paragraph 7).
5. The current zone committee terms of reference focus efforts on facilitating community involvement in the development, implementation, review and updating of a Zone Implementation Programme (ZIPs) and monitoring the implementation of those programmes. Zone committees have also been at the centre of community engagement as part of the sub-regional Canterbury Land and Water Regional Plan process, and (for some committees) the associated development of a ZIP Addendum (ZIPA). Additional functions include the allocation of Environment Canterbury's Immediate Steps Biodiversity funding (IMS), and encouraging,



supporting and championing a wide variety of practical projects within each zone, and using your networks within local communities to drive such projects forward.

6. The CWMS Committees' 2019 Annual Reports will soon be presented to Environment Canterbury and all the Territorial Authorities. Environment Canterbury thanks all committee members for your contributions to the impressive array of activities found in these reports; many examples of the activities described in the paragraph above.
7. Over the past decade, with zone committees leading community engagement, the policy, political and social context has changed considerably. Some of these changes include (from most recent):
  - Further central government direction via the Essential Freshwater Package is due in mid-2020, with likely implications for regional planning frameworks
  - Environment Canterbury now has fully democratically elected councillors
  - Ngāi Tahu/Iwi freshwater rights and interests are increasingly on the national agenda.
  - The regulatory framework in Canterbury has been progressively established
  - The establishment of new CWMS 2025 and 2030 intermediary goals across all ten target areas (adopted by the Mayoral Forum in May 2019 as part of the 'Fit for the Future' project). This project also identified a series of strategic implementation matters requiring consideration to ensure the ongoing successful implementation of the CWMS<sup>1</sup>
8. In summary, after ten years of CWMS implementation it is timely that a reconsideration of the zone committees' function and form for the next decade of freshwater management is undertaken. This has been reflected at some recent committee meetings and at the Chair/Deputy Chair annual meetings.

#### **Your Feedback on Empowering next generation Zone Committees**

9. The following questions are provided to guide your feedback on the next decade for Zone Committees. These initial questions are focused on the following themes:
  - Zone Committee function (role)
  - Zone Committee form – how committees can fulfil these roles

#### **Zone Committee function (role)**

10. Possible future aspects of committee function have been identified as:
  - a) **Community engagement** – continuing an active programme of engaging with communities on freshwater management matters and facilitating the provision of advice through to and from councils and others engaged in freshwater management
  - b) **Enhancing the delivery approach - CWMS Implementation – making the boat go faster** – e.g. the role of committees in seeking ways to extend resources available, bring in other parties, leveraging and additional investment etc .

- c) **“Coalition of the willing”**, i.e. zone committee role in supporting and encouraging those who are doing good work, for example – bringing people together and making connections e.g. supporting catchment-based initiatives in the future.
- d) **Setting direction through ZIPs/ZIPAs** - consideration of their role in priority setting and in responding to the Essential Freshwater Package requirements and associated zone committee role.
- e) **Monitoring and measuring progress** including matauranga Māori and State of the Takiwa monitoring.

**11. Your input is sought on the following questions related to Zone Committee role:**

- a) **What is the role that zone committees are best placed at playing to support the implementation of the CWMS?**
- b) **What aspects of your current role are challenging and require more support?**
- c) **If your role was to change, how could councils support committees to a) understand your new role and b) fulfil your new role**

**Zone Committee form – how committees can fulfil these roles**

12. Clarity on the role of zone committees will lead to further assessment of any changes required to enable this role to be fulfilled.
13. An early assessment based on committee viewpoints to date and discussions with Environment Canterbury councillors and staff, and CWMS Rūnanga representatives, indicates a number of areas where improvements could be made:
- a) Processes used for setting priorities
  - b) Potential use of zone committee Action Plans or work plans to help progress priorities each year
  - c) Enhanced support for Rūnanga representatives
  - d) Improving aspects of committee membership, appointment and recruitment processes, and training/support
  - e) Consideration of meeting frequency and logistics
  - f) Careful consideration of committee involvement in planning processes
- 14. Your input is sought on the following questions related to Zone Committee form:**
- a) **What aspects of current CWMS committee processes do you wish to retain and why?**
  - b) **What form/process improvements are required to help committees support the implementation of the CWMS?**

**Timeframes, opportunities for input and next steps**

15. The CWMS Facilitators and Chairs/Deputy Chairs will enable each committee time to discuss this and provide feedback in March and April (the process may be different for each depending on workshop and meeting agendas timeframes).

16. This will not be the only opportunity to express your views on the topic of your role – other opportunities include the Watershed event (for all CWMS committee members in June) following the Mayoral Forums consideration of initial advice in May. Details on further opportunities for input following Watershed will be clarified once direction the Mayoral Forum has been confirmed.
17. In May 2020, as requested by the Mayoral Forum, Environment Canterbury will take high-level advice on potential changes to the form and function of CWMS to the Chief Executives Forum and Mayoral Forum. The development of this advice will be informed by conversations with, and feedback from, zone committees, and Rūnanga representatives in March and April 2020.

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## **Christchurch City Council Water Conservation Communications 2019-20 Summer**

### **Campaign launched on 16 December 2019 ‘Water like you oughta’**

- **Flyer.** Water conservation flyer delivered to all households on Banks Peninsula. *Copy below.*
- **Website.** CCC keeps up to date information about water restrictions on their website: <https://ccc.govt.nz/services/water-and-drainage/water-supply/about-the-water-supply/waterrestrictions/>
- **Signage.** There has been electronic signage in place at Duvauchelle and Akaroa to advise people of the water restrictions. They have also had news coverage in (at minimum) The Press, Bay Harbour News and Akaroa Mail
- **Radio.** Radio advertising is also running: “Kia ora! Water restrictions are currently in place for Christchurch and parts of Banks Peninsula. This is so we can keep supplying a fair amount of water for everyone this summer, and also keep enough in reserve in case we need to fight fires. You can check the current restrictions level at [ccc.govt.nz/WaterRestrictions](https://ccc.govt.nz/WaterRestrictions)”
- **Newsline article.** Copy Below.
- **Questions and answers.** Copy below.
- **Key contact:** Will Rowson, Manager Technical Services, Three Waters & Waste. Key communications contact: James Richardson.

### **Key messages:**

- We want people to water like they oughta this summer.
- To avoid water restrictions and to ensure a fair water supply for everyone, we’re asking people to think carefully about their water use, especially when it comes to gardens.
- Sprinklers and garden irrigation systems use the most household water by far.
- Most summers the household demand for water in Christchurch doubles compared with winter. On average, we use more water than Auckland residents.
- Just because we can use a lot of water doesn’t mean we should; we all share and value our clean, fresh water in Christchurch, and we need everyone to do their bit.
- Water your garden with a hand-held hose before 7am or after 9pm, when it’s cooler.

- Gardens don't need watering every day; watering for several minutes every second day is fine.
- Lawns especially don't need watering – grass is tougher than most people think. If it turns brown, it'll go green again in Autumn.
- If people use too much, there could be a pressure loss in the system, shortages, or not enough to fight fires.
- If the Water Dial spends too many days in the red, we may need to impose water restrictions.
- We're doing our best to lead by example; we're aiming to save water by only watering parks and sports fields after 9pm and before 7am.
- The Botanic Gardens has its own private well so it is not drawing water from the public water supply, but it is supporting our conservation campaign by not watering during the day.
- It's not that we're going to run out of water, it's that when demand for water is high, we can only supply so much through the network. The pumps, pipes and reservoirs can only carry a certain amount at any one time.
- You can check out our water-saving tips online: [ccc.govt.nz/savewater](http://ccc.govt.nz/savewater)

#### **Newsline article 3 February 2020**

##### **Level 4 water restrictions for parts of Banks Peninsula**

Level 4 water restrictions are now in place for Akaroa, Duvauchelle and Takamatua on Banks Peninsula as very dry conditions put pressure on water supplies.

Level 4 restrictions are a total hosing ban, meaning people cannot use water outside their homes. The use of hand-held hoses, unattended hoses, sprinklers, and garden irrigation systems is not allowed. Using water to fill pools or paddling pools is also not allowed.

Christchurch City Council Head of Three Waters and Waste Helen Beaumont says a rapid drop in the streams that supply water to parts of Banks Peninsula has prompted the highest level of restrictions. "The streams that supply drinking water to Akaroa, Duvauchelle and Takamatua have dropped very suddenly following the recent extreme temperatures and drying north-westerly winds, and similar conditions are forecast to continue this month," she says.

"We've introduced restrictions to help maintain a water supply to people living, working and visiting in these areas.

"By reducing the demand for water, we can hopefully ensure a fair supply for everyone over the coming weeks."

The Council has set up electronic signs at the entrances to Akaroa, Duvauchelle and Takamatua to advise residents and visitors about the water restrictions and will also be delivering flyers in the areas. Gardens can still be watered by collecting indoor water already used for washing vegetables, dish washing or bathing.

Level 4 restrictions will remain in place until further notice.

For updates, visit [ccc.govt.nz/WaterRestrictions](http://ccc.govt.nz/WaterRestrictions) or call 0800 800 169.

Check out the Council's tips for saving water.

## **CCC Q&As**

### **Water conservation – Summer 2019–20**

#### **1. Why do I need to conserve water?**

We're asking people to conserve water so we can keep supplying a fair amount of water for everyone throughout summer. Most summers the residential demand for water in Christchurch doubles compared with the winter months. It's not that we're going to run out of water, it's that when demand for water is high, we can only supply so much through the network – the pumps, pipes and reservoirs can only carry a certain amount at any one time. If people use too much water, there could be a pressure loss in the system, shortages, or not enough to fight fires.

If we can keep the water use down, then hopefully we won't have to impose water restrictions early next year.

#### **2. Wasn't last year's conservation campaign about getting the well-heads fixed and the chlorine out?**

Yes, we were encouraging people to use less water so we could work on upgrading our well heads faster and getting chlorine out of the water sooner. We have since upgraded most of our well heads; however, we've needed to keep chlorinating about 70 per cent of the city on a low dose until health officials are satisfied with our new water safety plan, which is currently under review.

#### **3. What about rural irrigators? It hardly seems fair I'm being asked to cut back when they use so much water.**

Rural irrigators don't use the Council's water supply network (they have their own water sources), so they don't affect the public supply.

#### **4. Is the Council conserving water on its sports fields, parks and Botanic Gardens?**

We are doing our best to lead by example. We're trying to conserve water by only watering parks and sports fields after 9pm and before 7am. However, some of our fields have a sand base, which must be watered during the day to prevent the turf from dying. If the turf died, it would be very expensive to replace. The Botanic Gardens has its own private well so it is not drawing water from the public water supply, but it is supporting our conservation campaign by not watering during the day.

**5. Are privately owned parks or sports clubs allowed to water their grounds?**

If sports clubs or privately owned parks have their own wells, then they are allowed to water their grounds at any time because this will not impact on the Council's ability to supply water to the community.

**6. How can I save water?**

There are lots of ways you can help conserve water this summer, including:

- Check all of your taps for leaks (indoor and outdoor taps)
- Water your garden when it's cool, ideally before 7am or after 9pm
- Water only in still conditions, as strong winds cause water to evaporate quickly
- Water with a hand-held hose instead of a sprinkler or irrigation system
- Don't worry about watering your lawn – if it goes brown, it'll green up again in Autumn anyway
- Please don't water grass berms
- If you're washing your car, do it on your lawn so you're watering the lawn at the same time
- Keep children's paddling pools covered with a tarpaulin when not in use, to keep rubbish out, so you can use the water for several days in a row. When you need to change the water, use a bucket to empty the water from the paddling pool into your garden.
- Keep showers to five minutes to save up to 3,700 litres of water a month
- Up to 20 per cent of household water is used for washing clothes. Cutting one load a week could save 50 litres, so wait until you have a full load before turning the washing machine on.

**7. Is it likely we'll need to conserve water next summer too?**

Yes, it is likely. Most summers the residential demand for water in Christchurch doubles compared with the winter months. This means it's always a good idea to try to use less water, otherwise there could be pressure losses in the system, shortages, or not enough to fight fires.

**8. What sort of enforcement policy is in place?**

There is currently no enforcement policy in place because the Council hasn't introduced formal water restrictions (and we hope we won't need to).

When water use exceeds the rate at which we can fill the reservoirs, we may impose restrictions. For example, if we go three days in a row without being able to completely fill the reservoirs, we will need to impose restrictions. Keeping the reservoirs full helps maintain pressure, which is especially important for firefighting.

We would encourage people not to confront neighbours about excessive water use. It would be better to check whether they know *why* we're trying to save water. If people do report problems to us, our first step is to look into it and provide information to educate people about

why we're asking them to conserve water. In extreme situations, we could take steps to limit the supply at a property or prosecute, but that would be a last resort.

**9. How am I meant to keep my lawn and/or vegetable garden growing?**

We understand saving water can be frustrating, however it's important we each do our bit to help the situation.

Lawns don't *need* to be watered – grass is tougher than most people think. Even if your lawn does turn brown, it'll green up again in Autumn.

There are some things you can do to keep your vegetable garden growing. For example:

- Use mulches and composts to retain as much water in the soil as possible
- Rainwater tanks are a cost-effective and easy way to capture rainwater. This water can accumulate quite quickly if the weather is wet and is ideal for using on vegetable gardens and pot plants.
- Look into ways to use grey water (relatively clean water from sinks, showers, and laundry) for gardens.

You can find more water-saving tips on our website – [ccc.govt.nz/savewater](https://ccc.govt.nz/savewater) – or you can ask for advice from your local nursery, garden centre or hardware store.

**10. How long will we have to use less water?**

We're asking people to use less water over summer, when water demand is highest. If we can keep the usage down, then we can make sure there's a fair supply for water everyone and hopefully avoid having to impose water restrictions early next year.

**11. How do I report a water leak on the footpath or street?**

You can phone us on 03 941 8999, or report the leak on our website:

<https://ccc.govt.nz/services/water-and-drainage/water-supply/maintenance-and-repairs/water-leaks-and-burst-pipes>

**12. If the Council can't supply enough water over summer, shouldn't it expand the city's water supply network?**

Most of the time our water supply network is more than capable of meeting the demand. In fact, 95 per cent of the time, we only need to use half of the wells and pump stations available in the network. It's only a problem at times during summer, when demand for water is at its highest (generally early evening).

**13. If we were to expand the water supply network, it would mean ratepayers were paying for an oversized system they didn't need 95 per cent of the time. Instead, the Council asks people to use a bit less water over summer.**



#### 14. How's the well-head upgrade programme going?

Work is progressing well on the upgrade programme – 111 of 140 wells have been upgraded since May 2018. We have an interactive map on our website with up-to-date progress info:  
<https://ccc.govt.nz/services/water-and-drainage/water-supply/water-chlorination>

#### 15. When's the chlorine going to be completely removed from the city's water supply?

We can't provide a specific timeframe for the removal of chlorine because the decision and timing isn't entirely within our control. Since the Government's Havelock North inquiry into the drinking-water outbreak, health officials have taken a much more risk-averse approach to drinking water safety. We're working with them to demonstrate we can still provide safe drinking water without the need for chlorine treatment, while at the same time upgrading parts of our water supply network to bring them up to a higher standard for the future.

**Please save water this summer**

Most water supplies in Banks Peninsula are fed by streams, which are usually at their lowest when summer demand is at its highest.

**Right now, streams are very low and expected to keep dropping.** This is putting extra strain on water supplies.

**We need your help to save water this summer. Small changes add up to a big difference.**

- Take shorter showers
- Do one less laundry load per week
- Water plants with a hand-held hose (not a sprinkler or irrigator)
- Only water for several minutes before 7am or after 9pm, when it's cooler
- Avoid watering lawns and grass berms
- Check all taps – inside and outside – for any leaks
- If you spot a water leak on public land, let us know so we can fix it quickly

For more ways to save water, visit:

[ccc.govt.nz/savewater](https://ccc.govt.nz/savewater)

Christchurch City Council



## **Small Oil Spill in Akaroa Harbour**

In early February Environment Canterbury were notified of a small diesel spill around the Akaroa Main Wharf. The Regional On Scene Commander declared a Tier 2 event (Tier 2 is an event that requires a Regional Council response as opposed to an individual (Tier 1) or national (Tier 3) response). The spill is small, diffuse and intermittent and appears to be rising up from the shoreline of the south side of the wharf. Due to the nature of it, our response to date is to monitor and investigate. Our initial investigation was to assess whether a small leak in one of the pipes supplying fuel to the refuelling facility on the wharf was the cause but pressure testing of the fuel line have ruled that out. Monitoring bores around the tank have also not revealed any evidence of a leak.

We are still monitoring and investigating the situation and are still trying to find the cause. Key ECan contacts: Gillian Jenkins, Richard Purdon. Richard is leading the response.

## **Attachments**

<b>No.</b>	<b>Title</b>	<b>Page</b>
A <a href="#">↓</a>	Update on Matters Raised at Previous Meetings	34

**UPDATE ON MATTERS RAISED AT PREVIOUS MEETINGS**

<b>Potential to address impact on drinking water. From 11 February ZC meeting in “Updates” part of meeting with two members of the public in attendance. (originally raised in May 2019)</b>	<p>Peter Kingsbury has followed up to find information about the source of the Duvauchelle water supply and relevant excerpts from the LWRP.</p> <p>Harry Millar has met with the landowners.</p> <p>Peter will provide a further update about the background and reasons for the proposal to change the water protection zones, and clarify roles/potential conflicts of interest.</p>
<b>Farmer responses to mahinga kai engagement and Copy of Brad Waldon-Gibbon’s mahinga kai presentation</b>	<p>Refer report that has been emailed titled “Environment Canterbury Mahinga Kai Research Report July 2019”</p> <p>Brad Waldon-Gibbon’s presentation from 11 February ZC meeting has been emailed out.</p> <p>Irai Weepu, Brad Waldon-Gibbons and Mananui Ramsden to continue supporting ZC with progressing mahinga kai goals and targets and also education for public and ZC.</p>
<b>Wairewa ZIP Addendum update poster</b>	<p>Discussion based on A3 Poster and the ZIPA Recommendation. A list Olivia Smith, previous Zone Facilitator, prepared that Paula Smith has supplied. Currently scheduled for June ZC meeting which has a Wairewa theme.</p>
<b>Asking Kathryn Bates to speak about Head of Harbour project</b>	<p>Currently scheduled for May ZC meeting which has a Whakaraupō theme.</p>
<b>CCC Comprehensive Stormwater Consent Monitoring in relation to Banks Peninsula and updates to ZC</b>	<p>Peter Kingsbury and Gillian Jenkins to provide update on this at a future meeting. Gillian attends regular meetings about this consent.</p>
<b>Climate Change discussion</b>	<p>Discuss views on potential role of ZC in this once ZC has had a chance to hear from CCC about updating its Climate Change Strategy.</p>

<b>Invite Banks Peninsula Conservation Trust to give presentation to Zone Committee</b>	Completed. Currently scheduled for May ZC meeting which has a Whakaraupō theme.
<b>Providing ZC with information and updates about national and regional policy.</b>	Shelley will provide Committee members with Policy Insights newsletter, Environment Canterbury submissions, and other information that strategy staff have about national and regional policy – particularly relating to freshwater, biodiversity and climate change.
<b>ZC 6 monthly communication plan</b>	Fraser Walker-Pearce and Phil Roberts will support the ZC to update their six month communication plan. Charlotte O’Sullivan is currently on maternity leave.
<b>CCC info sheets</b>	Four out of five to final draft stage. Feedback provided back to CCC. Environment Canterbury willing to supply photographs. Peter Kingsbury will provide an update.
<b>ZC brochure for events</b>	Environment Canterbury is providing a pull up banner for use at events for the Christchurch West Melton Zone Committee. Once this has been designed, Shelley Washington can discuss with communications and ZC whether something similar would be useful to Banks Peninsula Zone Committee and discuss brochure or other resource that would be kept by the public, e.g. a bookmark.
<b>Immediate Steps Projects</b>	Kate Hunt will support the Mahinga Kai and Biodiversity Working Group. This Group will meet on 17 March following the formal meeting.
<b>Funding for Wairewa Bank Stabilisation Project</b>	Aurora Smith, Garrick Thorn, Gillian Jenkins and Harry Millar are progressing this and will provide an update.
<b>Wainui Weir</b>	Harry Millar and Chloe Armour are keeping in touch with landowners. Harry Millar held a meeting and field visit with landowners on 4 December 2019.
<b>Relationship with Community Boards</b>	Philipa Hay attended the Zone Committee’s 11 February meeting. Shelley Washington met with CCC Community Governance Managers on 10 March. Spoke with Joan Blatchford at Whaka-Ora Noho Marae. Have contacted Penelepe Goldstone and Liz Carter to seek involvement for March meeting and sharing information. Liz Ryley shares agendas and minutes with Community Board.

<b>Mahinga kai monitoring</b>	The science team at ECan are potentially going to undertake some additional Mahinga Kai monitoring on Banks Peninsula during their monthly water quality sampling. This would be a pilot project. Brad is asking the Rūnanga rep views on this which Shelley will then provide to science staff before identifying next steps.
<b>Follow up on the water quality and ecosystem health presentation</b>	ECan science staff have identified several streams showing signs of stress. The cause is predominately stock access and damage to banks and bed of stream. They have narrowed this down to one or two areas most likely to benefit from Zone Team and Zone Committee focus. The zone team staff are amenable to adding this to their work programme. Data will be received from the science team along with involvement from ZC.
<b>Nature Agents and DOC involvement in meetings</b>	Shelley will follow up about identifying meetings to connect again with: <ol style="list-style-type: none"> <li>1. Nature Agents - Nature Agents might pick a species to profile. Suggest we can help profile this on social media.</li> <li>2. DOC - Tom MacTavish and Shelley will discuss further potential for involvement at the April meeting that has a theme of biodiversity (location Koukourārata Marae) or May meeting that has a theme of Whakaraupō (location TBC)</li> </ol>
<b>Te Roto o Wairewa openings presentation for wider community</b>	Shelley contacted CCC and they confirmed they have not had any change in process or who is involved in relation to openings.  Invite Iaeen Cranwell of Wairewa Rūnanga to the June meeting to give a presentation about the opening and closing of Te Roto o Wairewa and the decision making processes. Invite the wider community with the purpose to dispel some myths and provide a clearer understanding of what the process is, noting that the decisions made by Rūnanga and CCC on the agreed process/levels will remain in place.

<b>Supporting landowners</b>	<p>Spring Farm Environment Plan (FEP) workshop was replaced with Wairewa Stock Exclusion meeting on 20 November 2019. Harry is of the view the landowners do not have a strong need for FEP workshops anymore. He is instead looking into a good way of finding out landowner issues and needs to assist landowners. Harry keeps in touch with Ben Manson and Gina Waibl about this topic.</p> <p>Harry has also arranged to take Adam Forbes (forest ecologist consultant funded by MPE) to visit two landowners who are interested in native forestry. Adam provides a free extension service.</p>
<b>Immediate Steps applications</b>	Kate Hunt has been visiting applicants and doing field visits. Kate will provide an update during the Mahinga Kai and Biodiversity Working Group session.
<b>Plastic coming from quick set concrete bags</b>	Followed up with CCC. Follow up with NZTA pending.
<b>Rabbits</b>	Harry Millar will be introducing a pest control contractor who can reduce the number of rabbits in Wainui. Locals will need to agree they are comfortable with the methods.
<b>Previous discussion about educating tourists about water conservation</b>	Shelley to follow up with Lesley Woudberg, ECan and CCC Communications teams. Have asked CCC Communications team if they have information about this matter. CCC has provided a copy of their summer water conservation key messages and communications plan.
<b>Immediate Steps field trip</b>	Explore opportunity for an Immediate Steps field trip as part of the April Biodiversity themed meeting. A past Immediate Steps project nearby a suitable venue has been found. TBC.
<b>Assess the status of CCC's climate change strategy</b>  <b>Copy of Ngai Tahu and ECan climate change strategies.</b>	<p>Update included in action plan. Shelley to ask a CCC representative to speak to the ZC about this at the April meeting, as it is not possible in March due to timing of the process.</p> <p>Elizabeth Cunningham has already shared Ngai Tahu's strategy with the ZC that is available online. ECan does not have a climate change strategy at this time however once a document has been prepared that has signed off by Council it can be shared with the ZC.</p>
<b>ZC Communications</b>	<p>Fraser Walker-Pearce prepared/preparing a story on:</p> <ul style="list-style-type: none"> <li>• Whakaraupō Roadside Cutting trial visit by Zone Committee.</li> <li>• Whaka-Ora Noho Marae.</li> </ul>

<b>Slowing peak water flow</b>	Ask staff to advise and report to the Committee about the values of measures higher in the catchment to slow peak water flows – pending staff investigation.
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## **11. Options for Undertaking Minimum and Environmental Flow Investigations**

Reference / Te Tohutoro: 20/266007

Report of / Te Pou Tim Davie – tim.davie@ecan.govt.nz

Matua: Item Timing – 30 minutes

### **1. Purpose of Report / Te Pūtake Pūrongo**

- 1.1 The purpose of this report is for the Banks Peninsula Water Management Zone Committee to decide on their preferred option in relation to undertaking minimum and environmental flow investigations.
- 1.2 The meeting will be attended by Tim Davie, from Environment Canterbury who will assist the Committee with their discussion, and answer questions.

### **2. Officer Recommendations / Ngā Tūtohu**

That the Banks Peninsula Water Management Zone Committee:

1. Agrees on a preferred option in relation to undertaking minimum and environmental flow investigations, from the following:
  - a. No further follow up.
  - b. An educational approach.
  - c. A plan change approach.
  - d. A combination of educational and plan change approaches.
2. Recommends to [X] the following next steps [X, Y, Z].

### **3. Report**

- 3.1 At the November 2019 meeting, Tim Davie provided an overview of the Banks Peninsula context and the options for undertaking minimum and environmental flow investigations. He also explained some of the costs and benefits of these options. The Zone Committee decided to have an agenda item to further discuss this topic and make decisions at a meeting in early 2020.
- 3.2 Key context for Banks Peninsula streams:
  - 3.2.1 Banks Peninsula is special. It has small streams that have well-sustained flow, but the summer flow is vulnerable.
  - 3.2.2 Water is also taken for household and stock water use – reasonable amount is permitted by the Resource Management Act. This amount might be significant and therefore if further allocated, it could add extra stress to the river.
- 3.3 Tim Davie will attend to assist the Zone Committee so they can make an informed decision based on the positives and negatives of the options.

### **Attachments**

There are no appendices to this report.