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

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**Date:** Tuesday 22 September 2020  
**Time:** 4.06pm  
**Venue:** Wainui Community Hall, 3 Wainui Valley Road, Wainui,  
Banks Peninsula

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### **Present**

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| Chairperson        | Dr Benita Wakefield - Te Rūnanga o Wairewa  |
| Deputy Chairperson | Gina Waibl - Community Representative       |
| Members            | Rima Herber - Community Representative      |
|                    | Ben Manson - Community Representative       |
|                    | Paula Smith - Community Representative      |
|                    | Garrick Thorn - Community Representative    |
|                    | Rik Tainui - Te Rūnanga o Ōnuku             |
|                    | Aurora Smith - Te Hapū o Ngāti Wheke/Rapaki |
|                    | Erana Riddell - ECan Youth Rōpū             |

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**21 September 2020**

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

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

**Principal Advisor**  
Marion Schoenfeld  
Senior Advisor Natural Hazards  
Tel: 941 5079  
**Christchurch City Council**

Rik Tainui opened the meeting with a Karakia/Timatanga.

The agenda was dealt with in the following order.

## **1. Apologies**

### **Committee Resolved BPZC/2020/00023**

That apologies received from Deputy Mayor Andrew Turner and Councillor Lan Pham, and for lateness on behalf of Aurora Smith, be accepted.

Dr Benita Wakefield/Gina Waibl

**Carried**

## **2. Declarations of Interest**

There were no declarations of interest recorded.

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

Members highlighted events/meetings/issues relevant to the Zone Committee, briefly outlined as:

**Gina Waibl** – Gina has presented the Zone Committee’s report to the Christchurch City Council (CCC) where the main issue outlined was about the roadside cutting trial, attended a Te Tiriti o Waitangi (Treaty of Waitangi) course and advised that there is a carbon farming event on 9 October in Duvauchelle.

**Garrick Thorn** – Reported on an Environment Canterbury (ECan) meeting regarding the Wairewa Bank Stabilisation Project regarding plantings and funding. Met with Ed Challies regarding the Land and Science Water Challenge around water goals. Going to meet with David Norton from University of Canterbury about the benefits from environmental plans – Garrick advised he would forward reports to members.

**Erana Riddell** – Has participated in a talk to ECan Councillors regarding public transport.

**Ben Manson** – Is working with Harry Millar on carbon farming issues.

**Paula Smith** – The students undertaking the water quantity project will present as part of the Geography 309 projects on 3 October at 11.30am, C-Block Lecture Theatre, University of Canterbury.

**Rik Tainui** – Advised that submissions to the Christchurch City Council on the Akaroa Wastewater Treatment Options have closed and hearings will be held on 12, 13, 16 and 28 October. Reported on a discussion with the City Council’s Three Waters Unit about inflow and infiltration reduction.

**Rima Herber** – Attended a meeting about catchment groups to inform the possibility of starting a catchment group for Wairewa. Information gathering is happening on this.

**Benita Wakefield** – Attended a regional workshop on climate change in Timaru.

Benita introduced and welcomed Marion Schoenfeld to the Committee. Marion has taken on the role of Principal Advisor for the Committee, replacing Peter Kingsbury, and is part of the City Council's Natural Environment Team.

**Community member, Pam Richardson** - Advised that there would be a regenerative farming meeting shortly and she will provide information about that to the Committee.

Aurora Smith arrived at 4.15pm.

**Aurora Smith** – Reported on inaka spawning funding received and fish passage pūtea. She has met with the Department of Conservation staff regarding a fish passage assessment tool and referred to NIWA's app on Citizen Science, available at the link: <https://fishpassage.niwa.co.nz/>

## **10. Wainui Stream Water Quality Analysis and Survey of Onsite Wastewater Management Systems**

Ed Challies, University of Canterbury, and Mike Bourke, Christchurch City Council, provided the Committee with a summary of the findings of research done over the 2019-2020 summer on the Wainui Stream water quality analysis and survey of onsite wastewater management systems (OWMS).

This survey was carried out on 119 properties covering the age of the wastewater systems and water use. In total 63 people were spoken to. The findings were outlined and included:

- Certain properties have very high occupancy over peak summer season with an increase in pressure on the OWMS.
- Many OWMS are relatively old and would not meet modern standards.
- Some residents reported issues with systems at busy times and with heavy rainfall.

Ed and Mike responded to questions from Committee members. Discussion was held about the suggestion of undertaking one-off sampling after rain events, the fact that bovine and avian are a bigger concern contributing to poor water quality results than human contamination, particularly avian, and the issue of water quality in the loop channel.

Jarred Arthur, ECan, spoke about the recreational water quality monitoring in Wainui Bay that shows water is generally suitable for swimming except after heavy rain. He spoke about monitoring of the water overlying shellfish and this is unsuitable for eating. Jarred also mentioned an issue in Sandy Bay in Lyttelton Harbour/Whakaraupō that will require further investigation. John Benn, DOC, noted that ducks were a bigger contributor of *E.coli* than Canada geese.

The community wants assurance about when reticulated wastewater systems will be in place and Mike Bourke advised this was currently planned for the financial year 2027/2028, but could be further delayed. It was suggested that the community should submit to the Council's Long Term Plan and lobby the Community Board on the matter.

The next steps discussed included the possibility of a staff member to support and advise landowners about effective management of onsite wastewater systems on Banks Peninsula.

### **Committee Resolved BPZC/2020/00024**

That the Banks Peninsula Water Management Zone Committee:

1. Receive the report on the Wainui Stream water quality analysis and survey of onsite wastewater management systems, and consider the research findings.
2. Recommend:
  - a. To ECan that the Land Management Advisor work with landowners to encourage reticulated stockwater and water fowl control.
  - b. Asking ECan to consider the research when it presents the annual water quality results for BP and provide advice to the Committee about possible next steps.
  - c. That the Zone Committee, with support from Environment Canterbury and Christchurch City Council, develop and implement a community engagement plan to raise awareness of residents about effective on-site wastewater management.
  - d. That the Christchurch City Council (via the Community Board) provide greater certainty to the Wainui community about timeframes for a reticulated wastewater system.
  - e. To the appropriate body that consideration be given to directing a staff member to support and advise landowners about effective management of onsite wastewater systems on Banks Peninsula.

Paula Smith/Gina Waibl

**Carried**

## **11. Fish Passage Update**

The Committee received an update by Chloe Armour on the progress of fish passage barrier work by ECan and CCC, and an update on the Wainui weir by Harry Millar. Harry highlighted the following points about the Wainui weir:

- The weir is in the main stem to direct water to the loop channel.
- The intake has collected sediment and debris, causing health hazards and affecting the aesthetic values.
- A solution for the loop is required before being able to undertake action on the weir.
- Options being progressed are:
  - manipulate the weir for more flow
  - remove the weir and seal off the loop channel.
- Note the loop channel is part of the stormwater channel.
- Next steps will be to discuss the options with landowners.

A resident attending the meeting talked about Crown ownership of the land that the loops sits on. He suggested that the land ownership requires legal clarification. Further discussion was held on options for the loop channel.

### **Committee Resolved BPZC/2020/00025**

That the Banks Peninsula Water Management Zone Committee:

1. Receive the updates on the progress of fish passage barrier work, and on finding solutions for Wainui Weir.

Erana Riddell/Rik Tainui

**Carried**

#### **4. Confirmation of Previous Minutes Committee Resolved BPZC/2020/00026**

That the minutes of the Banks Peninsula Water Management Zone Committee meeting held on Tuesday, 18 August 2020 be confirmed subject to the following amendments:

- Page 8, Rima Herber update – line 2 add Ōtamahua/Quail Island.
- Page 9 Bay Harbour News story – line 2 change “historic landfills” to “Historic Landfills Risk”.

Paula Smith/Rima Herber

**Carried**

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

There were no matters arising from the minutes.

#### **6. Deputations by Appointment**

There were no deputations by appointment.

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

No items of urgent business were identified.

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

No additional public contributions were made.

#### **9. Correspondence - Cut Slope Erosion Trial**

The response from the Christchurch City Council to the Committee’s letter about roadside cutting trials and concerns relating to funding was noted. Aurora Smith advised she was pleased with Deputy Mayor Turner’s support from his comments at a recent Whaka Ora meeting about focusing on the source of the issue.

Tami Woods noted it was important for CCC to follow up budgeting for the trials and implementation, and it was the Transport Unit team dealing with roading that it was important to deal with.

#### **Committee Resolved BPZC/2020/00027**

That the Banks Peninsula Water Management Zone Committee:

1. Note the correspondence from the Christchurch City Council on the cut slope erosion trials.
2. Ask the City Council to advise the Zone Committee about what moves are being made to reduce sediment from the road corridor entering Whakaraupō;

3. Seek assurance that there is funding for implementation or further research.

Paula Smith/Aurora Smith

**Carried**

## **12. Facilitator's Update - 22 September 2020**

Shelley spoke to her report about community engagement events, relevant updates and actions from previous meetings. Paula suggested a presentation from the University of Canterbury students about their programme of Geography 309. Staff will check if the students are able to attend a meeting.

### **Committee Resolved BPZC/2020/00028**

That the Banks Peninsula Water Management Zone Committee:

1. Receives the information in the Facilitator's update report.

Garrick Thorn/Rima Herber

**Carried**

An adjournment was taken at this time.

## **13. Biodiversity and Land Management Ki Uta Ki Tai Catchment Approach - Next Steps for Selecting Priority Catchments**

A presentation was given by Kate Hunt and Harry Millar about the Ki Uta Ki Tai catchment approach for biodiversity and land management advice and funding, and the process for selecting priority catchments. The matrix was outlined and Zone Committee comments and views were noted:

- Should the focus be on degraded catchments or those that are good to prevent their decline, or a mix? - Note some catchments are still vulnerable even with higher values, and there could be other funding streams available.
- Zone Committee focus is mainly about freshwater ecosystems, where the matrix is weighting toward land values.
- Rūnanga needs to be included on the matrix – following discussion on this, agreed there should be an addition at the beginning of the matrix to explain how Rūnanga are engaged with as part of the process of selecting priority catchments and a definition of Ki Uta Ki Tai
- Community showcase.

A shortlist (including a top three) will be provided to members containing additional information, to enable discussion and decision-making. Other comments were noted as:

- Review priority catchments regularly.
- Consider the Immediate Steps biodiversity funding split, and length of prioritisation.
- Reflect the level of community interest in being part of catchment groups.
- Include story/criteria.
- Open to community feedback.
- A column of ecosystem health gradings/instream health.
- Use of traditional Rūnanga boundaries.

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**Committee Resolved BPZC/2020/00029**

That the Banks Peninsula Water Management Zone Committee:

1. Receive the information in the Biodiversity and Land Management Ki Uta Ki Tai Catchment Approach report.

Dr Benita Wakefield/Gina Waibl

**Carried**

The meeting closed with a Karakia/Whakamutunga.

**Meeting concluded at 7.53pm.**

**CONFIRMED THIS 20TH DAY OF OCTOBER 2020**

**BENITA WAKEFIELD  
CHAIRPERSON**