



Banks Peninsula Water Management Zone Committee AGENDA

Notice of Meeting:

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

Date: Tuesday 16 April 2019

Time: 5pm

Venue: Okuti Hall, Okuti Valley, Little River

Membership

Chairperson 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 Elizabeth Cunningham - Councillor Environment Canterbury

Manaia Cunningham - Te Runanga o Koukourarata

Pere Tainui - Te Runanga o Onuku

Aurora Smith - Te Hapū o Ngāti Wheke/Rapaki

10 April 2019

Committee Advisor

Liz Ryley Tel: 941 8153

Christchurch City Council

Principal Advisor

Peter Kingsbury Principal Advisor Natural Resources

Tel: 941 8487

Christchurch City Council

Zone Facilitator

Shelley Washington Zone Facilitator Tel: 027 294 5219

Environment Canterbury





Banks Peninsula Zone Action Plan 2018-2021 - Finalised 16 October 2018

This 3-year plan includes the key actions to be delivered by councils, agencies and the community to help make progress toward achieving the priority outcomes from the Banks Peninsula ZIP. The Zone Committee play a key role in supporting the delivering this action plan through:

- **Engaging the Banks Peninsula community** make connections, be a contact for community members to discuss issues/solutions, be a community voice.
- **Hosting events, workshops, public meetings, fieldtrips** to share information, seek input/feedback, and celebrate success.
- Using media to build the profile of the committee, share information and celebrate success.
- **Supporting and celebrating** the work of landowners and community groups.
- Allocating the IMS biodiversity fund.
- Making recommendations to councils to influence work programmes and influence the priorities of agencies.
- **Reporting** to Councils, Ngai Tahu and the Banks Peninsula Community Board.

ZIP and ZIPA Outcomes		Priority actions for 2018-2021	
		1.	Support the implementation of the Whakaraupō Catchment Management Plan project to complete riparian planting on four streams Ki Uta Ki Tai. ZC Role: To be advised once more certainly about the structure for implementing the WCMP plan.
1.	All waterbodies in Banks Peninsula have Kaitiakitanga as an overarching value and reflect Ki Uta Ki Tai, Mauri, mahinga Kai, Wahi Tapu and Waihi Tonga. Wairewa ZIPA Outcome -All streams that flow into the lake are flourishing ecosystems reflecting mauri, kaitiakitanga and mahinga kai values.	3.	Mahinga Kai is used as an indicator to help monitor the health of Banks Peninsula Waterways Contributors: Rūnanga, Ecan ZC Role: Recommend that Ecan integrate this into the science monitoring programmes. Increase community understanding of Mahinga kai through FEP workshops, Nature Agents Programme, landowner advice and public events. Contributors: Rūnanga, ZC, landowners, ZC Role: Rūnanga reps input to FEP workshops and nature agents programme, ZC promote info card, share new research e.g. Whakaraupō Mahinga Kai research.
		4.	Each year, showcase an example of a Ki Uta Ki tai approach on Banks Peninsula. Contributors: ZC,Rūnanga, landowners ZC Role: Each year ZC select example, advise on communication approach (article, public fieldtrip etc) and contribute to content.





5. Support communities to have safe and secure drinking water sources.

Contributors: CPH, CCC, Ecan,

ZC Role: Help advocate with communities where required/appropriate.

6. Assessment of BP marae drinking water supplies and actions plans to address issues.

 ${\it Contributors:} \ {\it Runanga, CPH, Ecan Tuia Team.}$

ZC Role: Receive regular updates

7. Share in depth annual water quality and ecosystem health monitoring results and relevant research with the Banks Peninsula community.

Contributors: Councils, DOC, Nature Agents, Research Institutes, Industry Groups, Community

ZC Role: Share information with communities, advise research institutes of local research gaps/opportunities.

8. Host two FEP workshops per year which effectively incorporate biodiversity and mahinga kai.

Contributors: Beef and Lamb, CCC, Ecan
ZC Role: Host workshop with Beef and Lamb and encourage landowners to attend using your network of contacts.

9. **Support all Wairewa landowners to exclude stock from waterways** by 2020.

Contributors: Ecan, landowners

ZC Role: Strategies a way to best influence CCC and provide advice on how to communicate these new requirements to ensure people understand the reason why.

3. Water Quantity

2. Water Quality

restoration.

drinking water.

People have access to safe

Water quality is monitored, and

rules are developed to maintain

Wairewa ZIPA Outcome -Te Roto

significant project showcasing

outstanding environmental

o Wairewa is a nationally

and improve it where appropriate

There is enough water available in the Banks Peninsula Zone to meet the needs of daily living, stock water, and fore fighting storage as a priority, and allow allocation for other uses where these priority needs are already being met.

Allocation of water required to meet these needs is subject to flow and allocation limits so that the unique values of the Banks Peninsula streams are protected. 10. Promote water efficiency and provide advice to ensure people understand how they can be more efficient and the reasons why water efficiency is important.

Contributors: landowners CCC Ecan,

ZC Role: Provide advice on an effective communication approach to engage community and share messages through networks. Consider public opportunities/events to promote messaging over summer.

- 11. Encourage landowners to develop stock water systems. *ZC Role: Help promote information and advice.*
- 12. Continue investigations into minimum and environmental flows on Banks Peninsula and their relationship to consented and permitted water takes.

ZC role: Recommend that Ecan undertake this work.

4. Biodiversity

Banks peninsula is recognised in the region for showcasing flourishing biodiversity. Protection of biodiversity is promoted, supported and celebrated and enhancement undertaken where appropriate. Flag projects are showcased as 13. IMS biodiversity fund is strategically allocated and progress celebrated.

Contributors: ZC, Ecan, landowners

ZC Role: Approve projects, encourage and support landowners and celebrate projects.

14. Improve and update the IMS Project Booklet annually with a coordinated map showing all biodiversity projects and reserves on Banks Peninsula (including IMS, CCC, Trust, DOC reserves etc).





Contributors: Ecan, CCC, DOC, BPCT, QEII examples of excellent biodiversity achievement. ZC Role: Use the booklet to celebrate success and utilise the map for helping prioritise projects. 15. Address native fish barriers on public land and educate landowners. Contributors: Ecan, DOC, CCC, NZTA ZC Role: Work with Council staff to ensure that new barriers are not constructed, and that existing infrastructure is upgraded to 'best fish passage practice'. 16. Complete the Whakaraupō Road Cutting Trial by 2021 to determine effective erosion control techniques Contributors: CCC, Ecan, Eos Ecology ZC Role: ZC representative on working group. 17. The Wairewa bank stabilisation pilot project is completed by 2021 and funding is secured to extend the pilot. Contributors: Rūnanga, Ecan, DOC, landowners 5. Erosion and Sediment ZC Role: Encourage landowners to participate in project and work with Sediment discharge into rūnanga to secure funding to scale up the project. waterways are minimised. 18. Support forestry landowners and operators to understand the Sediment build in the harbours is National Environmental Standard for Plantation Forestry and managed sustainably to prevent ensure that erosion susceptibility is integrated into any forestry damage to mahinga kai and Kai resources. Moana from erosion and Contributors: ZC, Industry, Ecan, CCC sedimentation. ZC Role: Engage community and provide advice to industry/councils on how to best communicate requirements with the local community. Wairewa ZIPA Outcome-19. Forestry activities and high-risk construction sites are prioritised Sediment discharges into for monitoring. waterways is reduced. Contributors: Ecan ZC Role: Influence Ecan monitoring programme and receive regular updates on compliance. 20. Continue to undertake soil mapping on Banks Peninsula. Contributors: Ecan, CCC, Landcare Research ZC Role: Receive updates on project progress and help build community awareness about work. 21. Complete a research project on the impacts of onsite domestic wastewater systems on Wainui waterways. Consider research findings and develop an action plan. Contributors: Waterways Centre and Wainui community. ZC Role: Support researcher with contacts, encourage community 6. Wastewater participation, consider research findings and suitable actions. Wastewater us not discharged to 22. Raise public awareness about the need to regularly maintain the harbour but reclaimed to onsite wastewater systems land. Wastewater is treated to a Contributors: ZC, Ecan, community high quality and promoted as an ZC Role: Provide advice on how to best communicate this message innovative water and irrigation locally, share information through networks, and recommend Ecan source for the Peninsula. prioritise consent monitoring. 23. Advocate for a successful resolution of the Akaroa Wastewater Scheme. Contributors: CCC, community ZC Role: Provide input/advice where appropriate.





7.	Climate Change Climate change effects are taken into account in all infrastructure upgrades and planning on Banks Peninsula. As the Climates changes there is adequate water available and flooding is mitigated. Wairewa ZIPA Outcome- Risks of flooding are known and understood and flood hazards reduced.	 24. Consider climate change effects on all actions. 25. Promote the development of a contestable fund for flood management. Contributors: ZC, Ecan, community ZC Role: Recommend to Ecan that a contestable fund be established as part of LTP and provide advice on how this could work.
8.	Education and Communication The Banks Peninsula community is empowered by education in environmental management. Environmental success in the zone are appropriately recognised and publicised.	 26. Develop and implement 6 monthly zone communication plans. This is to include a range of communication channels including social media. Contributors: ZC, Ecan, CCC ZC Role: Input to plan and assist with the content and delivery. 27. Support and promote freshwater education programmes and community led projects. ZC Role: Support groups through attendance at events, raise profile in community through inviting to ZC meeting and sharing information/photos using social media. 28. Zone Committee to provide updates to CCC, Ecan, Community Boards and the wider community. ZC Role: Quarterly reporting to CCC, annual reporting to Ecan, initiate regular reporting to community board. 29. Recommend that 15 streams on Banks Peninsula are labelled. Contributors: CCC ZC Role: Effectively influence CCC priorities to fund signage.
9.	Coastal The harbours are a natural extension of the rivers and streams. The marine biodiversity of the harbours is protected and restored.	30. Ongoing research in the coastal environment to inform the Coastal Plan Review. Contributors: DOC, Ecan, CCC, Universities ZC Role: Revise and share updates on research where appropriate. ZC participate and contribute to the development of the Plan.





Members' Register of Interests at 17 December 2018

Representative's Name and Interests					
Updated:	13 February 2019				
Paula Smith	 Member of the Canterbury Aoraki Conservation Board Te Rūnanga Papa Atawhai o Waitaha me Aoraki Chair of Stoddart Cottage Trust, Diamond Harbour Friend of Orton Bradley Park Residential landowner, Diamond Harbour 				
Gina Waibl	 Owner of a forestry block with a number of springs (67ha) and a small flock of sheep Predator Free Port Hills Steering Committee Resident of Lyttelton Harbour 				
Garrick Thorn	 Resident of Sumner Operations Engineer at Dept of Chemical and Process Engineering, University of Canterbury, Experienced: Researcher, Project manager, Process engineer, Environmental engineer (wastewater treatment) Passionate about science/engineering outreach, engagement and education. 				





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Kar	rakia Whakamutunga	





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

1. Apologies

An apology was received from Andrew Turner.

2. Updates from Banks Peninsula Zone Committee Members

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

3. Confirmation of Previous Minutes

That the minutes of the Banks Peninsula Water Management Zone Committee meeting held on <u>Tuesday</u>, <u>19 March 2019</u> be confirmed (refer page 9).

4. Matters Arising from the Minutes

5. Deputations by Appointment

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

6. Identification of Urgent Items

7. Identification of General Public Contributions





Environment

Banks Peninsula Water Management Zone Committee OPEN MINUTES

Date: Tuesday 19 March 2019

Time: 4.05pm

Venue: Lyttelton Community Boardroom, 25 Canterbury

Street, Lyttelton

Present

Members Gina Waibl - Community Representative

Rima Herber - Community Representative

Elizabeth Macpherson - Community Representative

Ben Manson - Community Representative Paula Smith - Community Representative Garrick Thorn - Community Representative

Manaia Cunningham - Te Runanga o Koukourarata

Benita Wakefield - Te Runanga o Wairewa

Pere Tainui - Te Runanga o Onuku

June Swindells - Te Hapū o Ngāti Wheke/Rapaki

In Attendance: Lesley Woudberg, Shelley Washington, Tania Butterfield and Karen Banwell, ECan; John Benn, Department of Conservation; Aurora Smith, Te Hapū o Ngāti Wheke/Rapaki; Shelley McMurtrie, **EOS Ecology**

19 March 2019

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

Principal Advisor Peter Kingsbury Principal Advisor Natural Resources Tel: 941 8487

Christchurch City Council

Zone Facilitator Olivia Smith **Zone Facilitator** Tel: 027 886 3949 **Environment Canterbury**

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www.ccc.govt.nz/the-council/meetings-agendas-and-minutes/ www.ecan.govt.nz/news-and-notices/minutes/Pages/Default.aspx





A Minute's Silence in Memory of the Christchurch Mosque Attack

The Zone Committee acknowledged the tragedy that had occurred at the Christchurch Mosques and expressed aroha to the families and friends of the victims.

A minute's silence was observed in honour of those who had died.

Manaia Cunningham opened the meeting with a Karakia/Timatanga.

The agenda was dealt with in the following order.

7. Zone Committee Election of Chairperson, Deputy Chairperson and Regional Representative

- The Committee Advisor called for nominations for the following positions.
 Chairperson
 - Gina Waibl nominated Paula Smith, seconded by June Swindells
 - Manaia Cunningham nominated Benita Wakefield, seconded by Rima Herber

Benita Wakefield was elected as Chairperson on a show of hands 5-4.

2. Deputy Chairperson

• Benita Wakefield nominated Gina Waibl, seconded by Paula Smith

There being no other nominations, Gina Waibl was elected as Deputy Chairperson.

- 3. Regional Representative
 - Benita Wakefield nominated Rima Herber, seconded by Gina Waibl
 - Garrick Thorn nominated Paula Smith who declined the nomination.

Rima Herber was elected as Regional Representative.

Manaia Cunningham paid homage to and thanked Paula for her leadership, expertise and work carried out in her role as Chairperson for the Committee. He welcomed Benita to the role.

1. Apologies

Committee Resolved BPZC/2019/00009

That apologies from Elizabeth Cunningham and Andrew Turner be accepted.

That an apology for lateness from Garrick Thorn be accepted. Garrick arrived during the election of the Chairperson.



2. Confirmation of Previous Minutes

Committee Resolved BPZC/2019/00010

That the minutes of the Banks Peninsula Water Management Zone Committee meeting held on Tuesday, 19 February 2019 be confirmed.

Manaia Cunningham/Elizabeth Macpherson

Carried

Carried

3. Matters Arising from the Minutes

- Note that the Annual Report has been finalised and will be distributed to members.
- Any member who has an interest to declare should email the Committee Advisor to update the Register of Interests.

4. Deputations by Appointment

There were no deputations by appointment.

5. Identification of Urgent Items

• June Swindells informed members that this would be her final meeting representing Te Hapū o Ngāti Wheke/Rapaki on the Zone Committee. She introduced Aurora Smith who will be her replacement on the Committee.

6. Identification of General Public Contributions

Nil.

Item 7 was dealt with at the commencement of the meeting.

8. Whakaraupō Roadside Cutting Project Update

Committee Comment

- 1. Power point presentations were given by Shelley Washington, ECan and Shelley McMurtrie, EOS Ecology.
- 2. Shelley Washington outlined the project stages for the erosion and sediment control.
- 3. Shelley McMurtrie's presentation was titled "Erosion and Sediment Control on Lyttleton Harbour/Whakaraupō roadside cuttings". Shelley responded to questions of clarification about the project. A copy of this presentation is included below.







Committee Resolved BPZC/2019/00011

That the Banks Peninsula Water Management Zone Committee:

1. Receive the Whakaraupō Roadside Cutting Project update.

Paula Smith/Pere Tainui

Carried

9. Monitoring Using Mātauranga

Committee Comment

- 1. Manaia spoke about the use of mātauranga Māori and additional monitoring to report on outcomes on mahinga kai in the National Policy Statement for Freshwater Management. An update on this project will be provided by ECan's Science Team to the Zone Committee toward the end of 2019.
- 2. Benita referred to a report prepared for the Ministry for the Environment by Gail Tipa and Laurel Teirney titled "A Cultural Health Index for Streams and Waterways: A Tool for nationwide use" (CHI). The CHI involves a range of indicators such as water cress, birdlife and mudfish.
- 3. Additional mahinga kai monitoring will be undertaken at Banks Peninsula sites from the start of the 2019-20 financial year and be carried out monthly. A map of sites will be emailed to Zone Committee members. It was suggested that Rūnanga representatives to be involved in some of the monitoring to share knowledge.

Committee Resolved BPZC/2019/00012

That the Banks Peninsula Water Management Zone Committee:

1. Accepts the information paper on Monitoring Using Mātauranga in response to Action 2 in the Zone Committee's 3-Year Action Plan.

Benita Wakefield/Garrick Thorn

Carried

10. Okains Bay Drainage Matters - Verbal Update

Peter Kingsbury provided a verbal update to the Committee about Okains Bay drainage matters. This was requested by the Committee at its meeting on 19 February 2019, as noted in italic below:]

- 2 Request information from the Christchurch City Council on:
 - a. clarification of the land ownership and management of a parcel of land identified in the map on page 24 of the agenda;
 - b. the period that the targeted rate for drainage at Okains Bay applied;
 - c. an account of income and expenditure for that targeted rate, and any resulting unexpended balance;





d. what the rate is or was spent on, or is proposed to be spent on, and if there is currently a targeted rate;

Report the information received from the Christchurch City Council on the targeted drainage rate back to the Banks Peninsula Water Management Zone Committee.

2(a) land ownership - the parcels of land in question are further up the valley and owned by the Christchurch City Council. The area of the stream is Crown land running through the middle of the property. It was noted that Council could apply for easement on the Crown land to riparian plant etc.

Ben advised that he had been onsite and that there was a fence next to the river that created flooding issues, as well as road safety issues in relation to overgrown trees. Ben will provide the detail to Peter.

2(b) period of targeted rate – Peter advised this dated back to the early 1980s when the scheme was in operation, under the Akaroa County Council. There is no longer a special rating district. Currently property owners in Okains Bay, and one other bay on the Peninsula, pay a drainage rate however it is understood that perhaps they are not required to given they are rural property owners. This matter will be investigated further.

2(c) income and expenditure – the level of income and expenditure from the previous targeted rate, which dates back to the early 1980s, is unknown. However, it was noted that there are no excess funds in relation to this.

2(d) what the rate is or was spent on – the previous targeted rate was spent on a series of drainage channels for water from the hills to the river. Over time the channels have filled with sediment and in some places have been altered by landowners. The Christchurch City Council is committed to resurveying the area at some time in the future.

Discussion was held about the relevance of Action Plan number 25, to promote the development of a contestable fund for flood management. The Committee seek written advice from Council staff in relation to this matter.

Committee Resolved BPZC/2019/00013

That the Banks Peninsula Water Management Zone Committee:

- 1. Ask the Christchurch City Council for clarity on why Okains Bay, plus one other bay, pays a drainage rate.
- 2. Defer discussion on Action 25 from the Zone Committee's Action Plan to the next meeting.

Elizabeth Macpherson/Pere Tainui

Carried

An adjournment was taken from 5.54pm to 6.27pm.

Aroha Smith was welcomed to the table.





11. Zone Committee Communications

Committee Comment

- Tania Butterfield provided an update on the Draft Six-Month Communications Plan.
 Discussion was held about the ways to increase community awareness. Suggestions included:
 - The use of high-quality photography.
 - Video profiles/interviews of new members to be developed and shared on social media.
 - Showcase an example of "Source to the sea" for example Living Springs or Te Wharau Stream in Orton Bradley Park.
 - Publicising the Immediate Steps Fund timeframes and process.
 - Include a Communications update in each agenda.
- 2. The Zone Committee discussed the invitation received from Alison Evans (Okuti River Project Co-ordinator) to visit the Okuti River to discuss progress with the community project and possibly include a site visit to view earthworks/progress on the Wairewa Bank Stabilisation Project. This field trip could be open to the public to attend and advertised locally.
- 3. The Zone Facilitator will email members the proposed dates/times for the biodiversity workshop and Okuti field trip.

Committee Resolved BPZC/2019/00014

That the Banks Peninsula Water Management Zone Committee note the feedback discussed on:

- 1. the Draft Six-Month Communications Plan;
- 2. a proposed Zone Committee field trip.

June Swindells/Rima Herber

Carried

12. Facilitator's Update - 19 March 2019

Committee Comment

- 1. Olivia Smith's report was taken as read.
- 2. Olivia advised that the Selwyn-Te Waihora Zone Committee was inviting the Banks Peninsula Zone members to their upcoming meeting on 2 April 2019. This will be an overnight stay at Wairewa and includes an information session in the afternoon which focuses on cultural history and mahinga kai. Olivia will send the invitation to members.
- 3. Gina Waibl provided an update to members about the Farm Trees and Carbon workshop she attended, run by Beef and Lamb NZ. This related to the Emissions Trading Scheme and One Billion Trees Fund. She explained the scheme run by the Government for businesses that





emit carbon, and for people who sequester carbon. The One Billion Trees Fund includes natives and exotics.

4. Paula requested an update on the Wainui wastewater research project that was to be undertaken by a student.

Committee Resolved BPZC/2019/00015

That the Banks Peninsula Water Management Zone Committee:

- 1. Note the Facilitator's update.
- 2. Receive the verbal update from Gina Waibl on the Emissions Trading Scheme and One Billion Trees Fund workshop.

Manaia Cunningham/Elizabeth Macpherson

Carried

13. Resolution to Include Supplementary Reports

Committee Resolved BPZC/2019/00016

That the report be received and considered at the Banks Peninsula Water Management Zone Committee meeting on Tuesday, 19 March 2019.

Open Items

14. Christchurch City Council - Draft Annual Plan Process 2019-20

June Swindells/Paula Smith

Carried

14. Christchurch City Council - Draft Annual Plan Process 2019-20 Committee Comment

- 1. Peter Kingsbury referred to the Supplementary Report that provided the Zone Committee with an opportunity to discuss the Christchurch City Council's Draft Annual Plan 2019-20.
- 2. Peter explained that Zone Committee members were able to submit to the Council's Annual Plan as individuals. The link on the Council's website to the Draft Annual Plan is https://www.ccc.govt.nz/the-council/consultations-and-submissions/haveyoursay/.
- 3. It was noted that items on the Zone Committee's Action Plan are already funded, and that the Zone Committee reports four times per year to the Council which was another opportunity to highlight issues.

Committee Resolved BPZC/2019/00017

That the Banks Peninsula Water Management Zone Committee:

- 1. Note the information in the report.
- 2. Note any matters the Zone Committee would wish to have raised by the Zone Committee's Elected Member representative during the Christchurch City Council's Draft Annual Plan 2019-20 deliberations.

Rima Herber/Garrick Thorn

Carried

Item 3 - Minutes of Previous Meeting 19/03/2019

Banks Peninsula Water Management Zone Committee 16 April 2019





At this time Zone Committee members were informed that this was the final meeting for Olivia Smith, Zone Facilitator. Olivia was presented with flowers and members wished her well for her future.

June farewelled the Committee and highlighted the importance of understanding and protecting our water. She reiterated that it is a precious resource and one that should be looked after for future generations in New Zealand.

Manaia Cunningham closed the meeting with a Karakia/Whakamutunga.

Meeting concluded at 7.30pm.

CONFIRMED THIS 16TH DAY OF APRIL 2019

BENITA WAKEFIELD CHAIRPERSON