
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 11 February 2020**
4pm – Field Trip to Christchurch Adventure Park (meet in the carpark close to facilities)

Time: **5pm – Formal Meeting**
Venue: **Old Stone House, 30 Shalamar Drive, Cracroft**

Membership

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 Runanga o Koukourarata
	Rik Tainui - Te Runanga o Onuku
	Aurora Smith - Te Hapū o Ngāti Wheke/Rapaki

4 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

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Banks Peninsula Water Management Zone Committee

Members' Register of Interests at 9 September 2019

Representative's Name and Interests	
Paula Smith	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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.
Manaia Cunningham	<ul style="list-style-type: none"> • Regenerate Christchurch – Board member • Te Rūnanga o Koukourārata – Board member
Elizabeth Macpherson	<ul style="list-style-type: none"> • Property owner in Lyttelton • Property owner in Cass Bay • Senior Lecturer at the University of Canterbury • Principal Cumulus Consulting • Research funded by New Zealand Law Foundation • Research funded by MBIE • Project co-lead Sustainable Seas National Science Challenge • UN Harmony with Nature Knowledge Network • World Commission on Environmental Law • Lawrence Anthony Earth Organisation Advisory Board

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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.

Item 9 to be dealt with at this time

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.

4. Confirmation of Previous Minutes

That the minutes of the Banks Peninsula Water Management Zone Committee meeting held on [Tuesday, 19 November 2019](#) be confirmed (refer page 5).

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

Banks Peninsula Water Management Zone Committee OPEN MINUTES

Date: Tuesday 19 November 2019
Time: 4.10pm
Venue: Orton Bradley Park, Marine Drive, Charteris Bay

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
	Lan Pham - Councillor Environment Canterbury
	Manaia Cunningham - Te Rūnanga o Koukourārata
	Aurora Smith - Te Hapū o Ngāti Wheke/Rapaki

19 November 2019

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

In Attendance: Erana Riddell, Charlotte O'Sullivan, Brad Waldon-Gibbons, Annabel Barnden, Tina Bayer, Kate Hunt, Helen Greenep, Gill Jenkins, Karen Banwell, John Benn, Tim Davie, Alice West

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

Manaia Cunningham opened the meeting with a Karakia/Timatanga.

The agenda was dealt with in the following order.

A round of introductions was undertaken. Erana was welcomed to the meeting.

Nature Agents – Diamond Harbour School

Ian Lloyd, the Principal, teacher and students from Diamond Harbour school were acknowledged and welcomed. A presentation was given by Kirsty Brennan, EOS Ecology about Nature Agents of Change, a long-term science participation programme being run in schools. In Canterbury, Nature Agents comprise 623 students, 52 teachers, with 1,350 students to be trained by the end of 2020.

Students of Diamond Harbour School outlined their Nature Agents project and displayed the signage they had created to have erected at Orton Bradley Park. The three signs related to “Welcome to Te Wharau Stream”, “Working Together” and “Is Your Stream Healthy”. The signs were illustrated by the students. The signs will attract people to find out more information. A fun day at Orton Bradley Park will be held soon to unveil the signs.

9. Nature Agents - Diamond Harbour School

Committee Comment

1. The Committee had received the presentation about the Nature Agents programme at Diamond Harbour School.
2. An invitation will be extended in relation to the Omaru Stream in Rapaki on 29 November 2019.

Committee Resolved BPZC/2019/00031

That the Banks Peninsula Water Management Zone Committee:

1. Receive the progress update on the Nature Agents programme.

Dr Benita Wakefield/Gina Waibl

Carried

3. Updates from Banks Peninsula Zone Committee Members

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

Gina Waibl – reported the following:

- a) Thank you to the stall participants at Loudon Farm.
- b) Spotighting at the Wainui Stream following the last meeting highlighted the fact that the fish were plentiful.
- c) Attended a Beef and Lamb field day at Port Levy where the main theme was sheep breeding.
- d) Attended the Christchurch West Melton Water Management Zone Committee workshop on 24 October that dealt with Port Hills and Cashmere Catchment erosion and stability.

Lan Pham – Lan outlined her background and advised this is her second term as Councillor for Environment Canterbury. In that role she is a member of the Whaka-Ora Governance Group, and the Banks Peninsula and Christchurch Biosecurity Advisory Groups.

Manaia Cunningham – Manaia gave his apologies for missing recent meetings.

Paula Smith – Paula referred to Environment Canterbury's Proposed Plan Change 7, relating to resource management issues. It was identified that there were habitats of indigenous species. If there are high value habitats of indigenous freshwater species in those areas they require consent. On Banks Peninsula there are two habitats in Wairewa, at Okana and the Reynolds Valley.

Action: Check why these two sites have been chosen. Tim Davies advised one site was for kanakana and otherwise they are known sites of spawning.

Aurora Smith – Aurora advised that at the Orton Bradley Sculpture day she handed out leaflets to people attending, about copper free brake pads. Feedback received was "well done, keep up the good work".

A flyer for future use will be helpful.

Erana was invited to provide an update. She advised she was studying at the University of Canterbury, and was involved in Environment Canterbury's Youth Hui at Ōnuku Marae that was based on mahinga kai.

Action: Erana Riddell and Hannah Dunlop to report back to the Zone Committee with a plan of how Erana or other Youth Roopu members wish to interact with the Zone Committee.

Ben Manson – Ben advised that he and Harry would be attending a meeting in the Little River catchment and that local community members had been invited to discuss the rules for excluding stock out of waterways in the valley floor, that came out of the ZIPA and come into effect in January 2020.

Liz Macpherson reported the following:

- There is a lot of activity around water reform at the national level which may impact on water management in Banks Peninsula.
- The EDS has just released its second stage report on RMA reform, which may be of interest to Committee members – it suggests institutional change including a 'Water Commission'.
- The Waterways Research Centre has just appointed a new director, which may provide new opportunities for engagement and aligned strategy – we may wish to invite the new Director to a meeting next year.
- Liz advised she has caught up with Mark Christensen from the Banks Peninsula Conservation Trust who mentioned that work is progressing with the project to reforest Banks Peninsula and they would like to update us on this work and seek opportunities for collaboration (next year).

Benita Wakefield – Advised she has attended meetings relating to freshwater matters. She suggested receiving updates on recent submissions on biodiversity, Plan Change 7, the RMA, freshwater and climate change. This would be particularly in relation to freshwater matters.

Ian Luxford, Manager of Orton Bradley Park welcomed everyone to the park. He thanked the Zone Committee for funding that covered freshwater projects last year. He listed these as:

- the bottom end of Magnificent gully fenced and planting begun;
- wetland fenced for regeneration;
- working with the Christchurch City Council regarding fencing of 15 hectares of Hunters Gully, and working with our lessee regarding biodiversity;
- still issues in the upper valley but the main stream valley is almost completely fenced.

Ian invited any of the members to contact him if they wanted to walk up the valley at any time.

1. Apologies

Committee Decision

That the apologies from Andrew Turner and Garrick Thorn, and for lateness from Rima Herber, be accepted.

2. Declarations of Interest

There were no declarations of conflicts of interest recorded.

4. Confirmation of Previous Minutes

Committee Resolved BPZC/2019/00032

That the minutes of the Banks Peninsula Water Management Zone Committee meeting held on Tuesday, 20 August 2019 be confirmed, subject to noting that workshops were held on particular topics.

Gina Waibl/Paula Smith

Carried

5. Matters Arising from the Minutes

Nil.

6. Deputations by Appointment

There were no deputations by appointment.

7. Identification of Urgent Items

Nil.

8. Identification of General Public Contributions

Nil.

Rima Herber arrived at 5.22pm.

10. Water Quality and Ecosystem Health Monitoring

Committee Comment

1. A presentation was given at the meeting by Tina Bayer and Annabel Barnden, of the ECan Surface Water Science team, about monitoring results of the Environment Canterbury water quality and ecosystem health programme for the 2018-2019 year.
2. Regular water quality monitoring is undertaken on streams and Te Wairewa at monthly or quarterly intervals. Macroinvertebrates and habitat quality is monitored once a year in summer, and contact recreation monitoring includes beaches and Te Wairewa weekly over the summer months.
3. Tina and Annabel responded to queries of clarification. Paula requested the ECan Surface Water scientists look at the correlation between lake levels and water quality.
4. Discussion was held about the Committee identifying streams of importance for further investigation.
5. Zone Committee members reiterated their desire that the ECan surface water team include mahinga kai in their monitoring. Simple observations on watercress and fish seen can be carried out.

Committee Resolved BPZC/2019/00033

That the Banks Peninsula Water Management Zone Committee:

1. Receive the summary of the monitoring results of the Environment Canterbury water quality and ecosystem health programme for the 2018-2019 year.
2. Agree that these monitoring results form part of the knowledge base that informs decisions on any intervention projects to improve water quality and/or ecosystem health, including mahinga kai.
4. Agree that some form of mahinga kai measurements be incorporated as part of the existing freshwater monitoring programme.

Manaia Cunningham/Dr Benita Wakefield

Carried

11. Invertebrate Species in Banks Peninsula Streams

Committee Comment

1. Alice West, a postgraduate at University of Canterbury gave a summary of her Masters research she has been carrying out, on the distribution of regionally endemic stream invertebrates on Banks Peninsula. The study was to determine if species are actually rare or just data deficient.

Committee Resolved BPZC/2019/00034

That the Banks Peninsula Water Management Zone Committee:

1. Receive the summary of invertebrate species research.

2. Agree that these monitoring results form part of the knowledge base that informs decisions on any intervention projects to improve water quality and/or ecosystem health.

Paula Smith/Aurora Smith

Carried

Rima Herber – On her arrival at the meeting Rima provided a brief update of activities, on a Living Lakes Symposium, and post graduate conference papers.

Committee Resolved BPZC/2019/00035

That the Banks Peninsula Water Management Zone Committee:

1. Ask Wairewa Rūnanga member, Iaeen Cranwell, to attend a Zone Committee meeting to explain the opening and closing of Te Roto o Wairewa and the decision making processes.
2. Agreed this is an issue of interest to the wider community and that it is important to set realistic expectations. The decisions are made by the Rūnanga and CCC together.

Rima Herber/Aurora Smith

Carried

Adjournment taken from 6.40pm to 7pm.

12. Immediate Steps Potential Projects for 2020-2021

Committee Comment

1. Helen Greenep provided an update to the Committee on the potential projects for Immediate Steps funding for the 2020-2021 year.

Committee Resolved BPZC/2019/00036

That the Banks Peninsula Water Management Zone Committee:

1. Receive the overview of the potential projects for Immediate Steps for the 2020-2021 year.
2. Request staff to work on the projects as agreed. These were marked #4 through to #10 in the list presented by Helen Greenep, with any of these seven projects that are in the Whakaraupō Catchment to be prioritised within these.

Paula Smith/Manaia Cunningham

Carried

Committee Resolved BPZC/2019/00037

That the Banks Peninsula Water Management Zone Committee:

1. Agree to support the recommendation to go ahead with the Wairewa 3 Immediate Steps project that replaces the Goughs Bay project agreed to at the May 2019 Zone Committee meeting that cannot go ahead due to landowner removing funding application.

Dr Benita Wakefield/Lan Pham

Carried

13. Options for Undertaking Minimum and Environmental Flow Investigations

Committee Comment

1. Tim Davie, Environment Canterbury, provided an overview of the options for undertaking minimum and environmental flow investigations, and the costs and benefits of these options.
2. Options noted that could be considered to help with minimum flow regimes are:
 - 1.1 Survey the amount of water taken.
 - 1.2 Undertake habitat surveys, what is living instream, how much water the stream contains, how much water is required for stream health.
 - 1.3 Streams identified with consented takes, or many permitted takes, link back to what the water quality was like.

Committee Resolved BPZC/2019/00038

That the Banks Peninsula Water Management Zone Committee:

1. Receive the summary of options for undertaking minimum and environmental flow investigations and the costs and benefits of these options.
2. Agree to have an agenda item to discuss this topic in 2020 and defer the decision about further investigations to this Zone Committee meeting in 2020.

Manaia Cunningham/Gina Waibl

Carried

14. Facilitator's Update - 20 October 2019

Committee Comment

1. Gina referred to an amendment required under "Recent Events", Sculpture on the Peninsula event on 9 and 10 November, that she, Aurora, Benita and Karen had a joint Zone Committee/Whaka-Ora Healthy Harbour stall at the event.
2. Zone Committee meeting dates for 2020 – the dates were agreed to, other than 18 February when staff were unavailable, so changed to 11 February.

Committee Resolved BPZC/2019/00039

That the Banks Peninsula Water Management Zone Committee:

1. Receive the information in the Facilitator's report.

Dr Benita Wakefield/Paula Smith

Carried

Ben Manson departed at 8.26pm.

15. Workshop Topics for Discussion

Committee Comment

1. The Zone Committee members considered and prioritised the list of Immediate Steps projects that had been included at Item 12, Attachment A in the agenda.

Manaia Cunningham closed the meeting with a Karakia/Whakamutunga.

Meeting concluded at 8.45pm.

CONFIRMED THIS 11TH DAY OF FEBRUARY 2020

**BENITA WAKEFIELD
CHAIRPERSON**

9. Working of the Zone Committee 2020

Reference / Te Tohutoro: 20/119597

Report of: Shelley Washington

General Manager: Zone Facilitator

1. Purpose of Report / Te Pūtake Pūrongo

- 1.1 The purpose of this report is to remind ourselves of the role and function of the Zone Committee, and to Review and amend, if needed, our ways of working such as:
 - 1.1.1 Election of Chair, Deputy Chair and Regional Representative for 2020 as set out in the Terms of Reference;
 - 1.1.2 Meeting dates and times;
 - 1.1.3 Purpose and membership of working groups.

2. Officer Recommendations / Ngā Tūtohu

That the Banks Peninsula Water Management Zone Committee decide to:

1. Elect:
 - a. XX as Chair for 2020
 - b. XX as Deputy Chair for 2020
 - c. XX 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 (venue TBC)
 - c. 21 April
 - d. 19 May
 - e. 23 June
 - f. 21 July
 - g. 18 August
 - h. 22 September
 - i. 20 October
 - j. 17 November.

3. Report

The Zone Committee

- 3.1 The Banks Peninsula Zone Committee is established under the auspices of the Local Government Act 2002 in accordance with the Canterbury Water Management Strategy 2009.
- 3.2 The Committee is a joint committee of Christchurch City Council Council and Environment Canterbury.
- 3.3 The purpose and function of the Committee is to:
 - 3.3.1 Facilitate community involvement in the development, implementation, review and updating of a Zone Implementation Programme that gives effect to the Canterbury Water Management Strategy in the Banks Peninsula zone.
 - 3.3.2 Monitor progress of the implementation of the Zone Implementation Programme.
- 3.4 The Committee does not have the authority to commit any council to any path or expenditure and its recommendations do not compromise the Council's freedom to deliberate and make decisions.
- 3.5 The Committee does not have the authority to submit on proposed Resource Management or Local Government Plans.
- 3.6 The Committee does not have the authority to submit on resource consent matters.

Operating Philosophy

- 3.7 The Committees will at all times operate in accordance with the requirements of the Local Government Official Information and Meetings Act 1987, and will observe the following principles:
 - 3.7.1 Give effect to the Fundamental Principles, Targets and goals of the CWMS;
 - 3.7.2 Be culturally sensitive observing tikanga Maori;
 - 3.7.3 Apply a Ki uta ki tai (from the mountains to the sea) approach;
 - 3.7.4 Work with the CWMS Regional Committee to support the implementation of the CWMS across the region as a whole;

- 3.7.5 Give consideration to and balance the interests of all water interests in the region in debate and decision-making;
- 3.7.6 Work in a collaborative and co-operative manner using best endeavours to reach solutions that take account of the interests of all sectors of the community;
- 3.7.7 Contribute their knowledge and perspective but not promote the views or positions of any particular interest or stakeholder group;
- 3.7.8 Promote a philosophy of integrated water management to achieve the multiple objectives of the range of interests in water;
- 3.7.9 Seek consensus in decision-making where at all possible. In the event that neither unanimous agreement is able to be reached nor a significant majority view formed, in the first instance seek assistance from an external facilitator to further Committee discussions and deliberations. Where the Committee encounters fundamental disagreements, despite having sought assistance and exhausted all avenues to resolve matters, recommend that the respective Councils disband them and appoint a new Committee.

Elections

- 3.8 Each year, the Committee is required to appoint the Chair and Deputy Chair from the membership by simple majority. There is no limit on how long a person can be in either of these positions.
- 3.9 The Committee also needs to appoint a member to the position of representative on the regional committee.

Process to Elect of Chair and Deputy Chair (ref. Christchurch City Council standing Orders)

- 3.10 A local authority or a committee (if the local authority has so directed) must determine by resolution that a person be elected or appointed by using one of the following systems of voting:
 - (a) [System A]; or
 - (b) [System B].
- System A
- (a) requires that a person is elected or appointed if he or she receives the votes of a majority of the members of the local authority or committee present and voting; and
 - (b) has the following characteristics:
 - (i) there is a first round of voting for all candidates; and
 - (ii) if no candidate is successful in the round there is a second round of voting from which the candidate with the fewest votes in the first round is excluded; and

- (iii) if no candidate is successful in the second round there is a third, and if necessary subsequent round of voting from which, each time, the candidate with the fewest votes in the previous round is excluded; and
- (iv) in any round of voting, if 2 or more candidates tie for the lowest number of votes, the person excluded from the next round is resolved by lot.

System B

- (a) requires that a person is elected or appointed if he or she receives more votes than any other candidate; and
- (b) has the following characteristics:
 - (i) there is only 1 round of voting; and
 - (ii) if 2 or more candidates tie for the most votes, the tie is resolved by lot.”

[cl. 25, Schedule 7, LGA]

Meeting Dates and Times

- 3.11 The Committee must meet at least eight times per annum and with workshops and additional meetings as required. At times, the workload could be higher.
- 3.12 The Committee meets at a variety of locations to encourage greater engagement on issues in particular areas.

Purpose, Number and Membership of Working Groups

- 3.13 The Committee currently has a representative on the regional committee and one working group. Members have the opportunity to choose to set up additional working groups. Ideally these will meet during the workshop time after meetings but can choose to meet separately if they wish. Each working group is to be established for one year and prepare a simple Terms of Reference with a goal(s) for the year. The Zone Committee’s priorities for the year and action plan would influence what working groups would be helpful.

GROUP	Current ZC MEMBERS
Regional Committee representative	Rima Herber
Wairewa Bank Stabilisation Project	Garrick Thorn Aurora Smith
Communications, engagement and education?	
Biodiversity?	
Mahinga Kai?	

Attachments

There are no appendices to this report.

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

Reference / Te Tohutoro: 20/118635

Report of: Shelley Washington

General Manager: Zone Facilitator

1. Purpose of Report / Te Pūtake Pūrongo

- 1.1 The purpose of this report is for the Banks Peninsula Water Management Zone Committee to be informed about Environment Canterbury's approach to managing Zone Committee conflicts of interest, following the revocation of exemptions to the Local Authorities (Members' Interests) Act 1968.

2. Officer Recommendations / Ngā Tūtohu

That the Banks Peninsula Water Management Zone Committee:

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

3. Report

- 3.1 Zone Committee Chairs receive training on the types of interests and example scenarios that may require careful consideration.
- 3.2 A comprehensive register of interests is developed for each Zone Committee and the Regional Committee
 - 3.2.1 The register will contain a similar level of detail as the Environment Canterbury Councillor declaration of interest register.
 - 3.2.2 It will additionally include a statement on contracts held between the member and Environment Canterbury or the relevant Territorial Authority.
 - 3.2.3 This will be added to the next agenda for each Zone Committee to discuss and take away a form to fill in and sign.
- 3.3 The Terms of Reference and Code of Conduct for each Committee will be reviewed to ensure consistency with the conflict of interest obligations under the Act.
- 3.4 Ongoing interest management
 - 3.4.1 Refer to guidance below.

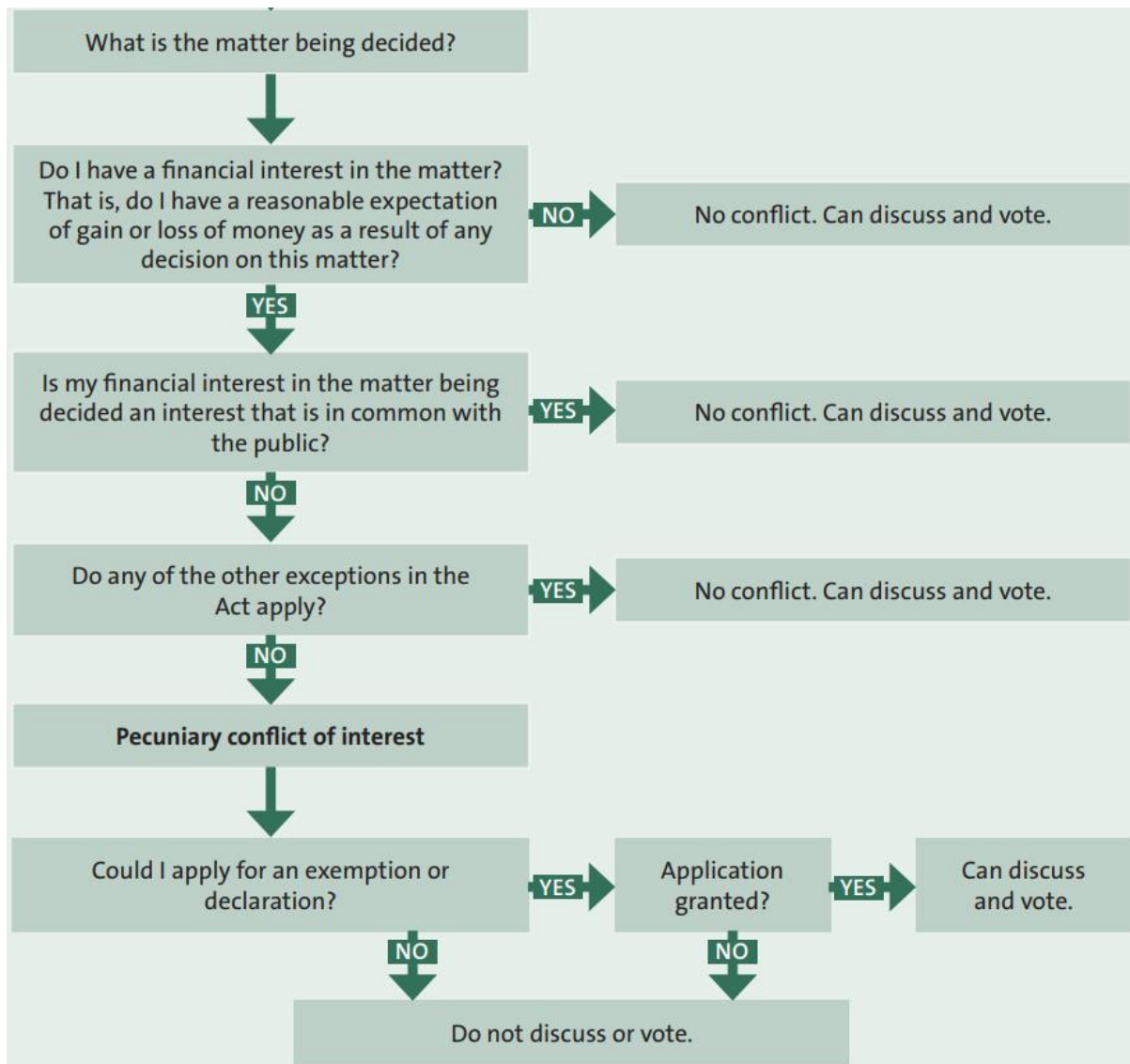
Article I. Guidance on process for Zone Committee Members

Process to manage interests

How will the interests of Zone Committee members be managed from now on?

The ability of Zone Committee members to both discuss and vote on matters before the committee will be determined on an issue by issue basis and nature of any pecuniary interests members may have related to the issue under consideration.

The following diagram gives Zone Committee members some guidance on how they should evaluate and manage any pecuniary conflicts:



Zone Committee members also need to consider declaring non-pecuniary conflicts of interest, such as bias. The law about bias has been developed to achieve two main goals. First, it ensures that the best decision is made based on relevant information and arguments, not ulterior motives or

prejudices. Secondly, it ensures that people affected by, or interested in, a decision have trust and confidence in the process – meaning they are more likely to accept a decision once it is made.

Refer to https://www.oag.govt.nz/2010/lamia_page_30.

In order to support Zone Committee members in managing their interests and management of pecuniary interests the following processes will be established:

Prior to meeting

- Zone Committee members have a responsibility to declare their interests.
- The Secretary to the committee will ensure that a register of Zone Committee members' interests is maintained and available to the Zone Committee at each meeting and workshop.
- Zone Committee members will ensure they consider the agenda items with sufficient time before the meeting to identify if they may have a conflict for a specific item.
- Prior to the meeting Zone Committee members may wish to collectively evaluate interests and check their judgement on potential conflicts with their peers.

During meeting

- The Chair of the Zone Committee will ensure that the consideration of conflict of interests is on the agenda for each Zone Committee meeting and workshop. The Chair will also ensure due consideration is given to manage any conflicts.
- At each meeting, members should advise which, if any, agenda items represent a conflict due to pecuniary interests, though members do not need to state the exact nature of their interest nor why it exists.
- Where a member has declared a pecuniary interest in an agenda item, that member has the responsibility to step back from the table during discussion and voting on that agenda item (though may remain in the public seating area/in the room).
- Members may become aware of a conflict during the discussion of an agenda item (i.e. had not identified the conflict earlier), the member needs to ensure they declare the conflict, and abstain from the continuing as part of discussion.
- The Chair of the meeting needs to ensure they follow the same process as for members. During the discussion of an agenda item the Chair is conflicted on, the Chair shall request the deputy Chair to lead the item.
- The Secretary must record in the minutes the Zone Committee member's declaration and abstention from discussion and voting on the agenda item concerned.
- Note, the quorum is not affected by members abstaining due to conflicts of interest, so long as they remain present in the room.

Post meeting

- Zone Committee members have an ongoing responsibility to update and advise on changes needed to the interests register. The Committee Secretary will ensure the interests register is up to date.
- Zone Committee members should ensure that any declarations of conflict they made during the meeting are reflected accurately in the minutes.

Where can I go for further information and support?

Contact Catherine Schache (General Counsel, Environment Canterbury), your Zone Facilitator and/or refer to the following guidance: <https://www.oag.govt.nz/2010/lamia>

Attachments

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ATTACHMENT 1

Banks Peninsula Water Zone Committee

Declaration of Interests Register – as at [date]

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

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

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

<https://www.oag.govt.nz/2010/lamia>

Types of Interest to be documented in the register:

- Employment, trade or profession carried on by the Member or the Member's spouse for profit or gain
- Company, trust, partnership etc for which the Member or their spouse is a director, partner or trustee, or a shareholder of more than 10% shares
- Address of any land in which the Member has a beneficial interest and which is in the area of the Zone Committee
- The address of any land where the landlord is Environment Canterbury or [Name of TLA/s] and:

- The Member or their spouse is a tenant;

Or

the land is tenanted by a firm in which the Member or spouse is a partner, a company of which the Member or spouse is a director, or a Trust of which the Member or spouse is a Trustee.

- Any other matters which the public might reasonably regard as likely to influence the Member's actions during the course of their duties as a Member.
- Any contracts held between the Member or the Member's spouse and Environment Canterbury or [name of TLA/s]. Including contracts in which the Member or their spouse is a partner, a company of which the spouse is a director and/or holds more than 10% in shares, or a Trust of which the Member or their spouse is a trustee (noting that no committee member should be a party to a contract with Environment Canterbury or the relevant TLA if that value is more than \$25,000 per annum)

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

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

Name	Committee Member Interests
Example person	<ul style="list-style-type: none"> • Dairy farming/grazing • Partner of X holdings (with spouse) • X Family Trust – trustee (spouse is also trustee) • Shareholder (less than 10%), X Irrigation Ltd • Land with beneficial interest – 100 Smithfield Road. 200 Town Road • Consents held – CRC123123, CRC345345 • Member Federated Farmers • Contract 2019 with Environment Canterbury (with a value of \$X) • Contract 2020-2022 with Ashburton District Council (with a value of \$X)

11. Contribution of Young People to the Zone Committee

Reference / Te Tohutoro: 20/119330

Report of: Shelley Washington

General Manager: Zone Facilitator

1. Purpose of Report / Te Pūtake Pūrongo

- 1.1 The purpose of this report is for the Banks Peninsula Water Management Zone Committee to consider the contribution of young people to the Banks Peninsula Zone Committee and how we could encourage further involvement.

2. Officer Recommendations / Ngā Tūtohu

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.

3. Report

- 3.1 The ECan Youth Rōpū seeks to further the voice of young people in and around Environment Canterbury (ECan) in regard to decisions that affect them. A main objective is to create a two-way relationship between young people and decision-makers. The water zone committee model introduced by the CWMS is a clear path to improving youth voice in the decisions that will affect them in their futures. Members of the Youth Rōpū believe that a seat at the table is the simplest way to achieve this goal.
- 3.2 Members of the Youth Rōpū have met together with support from ECan youth engagement staff to discuss how they would like to be involved more closely with Zone Committees. They decided that they wish to start with where there was both a Zone Committee interested in having a youth representative on their committee and where there was a Youth Rōpū member who was willing.
- 3.3 Following their meeting, the Youth Rōpū wrote a letter to ECan with a proposal for youth participation on Water Zone Committees.
- 3.4 The Youth Rōpū also decided that they and the ECan youth engagement staff would let other Zone Committees know where this was being implemented, so that they would feel encouraged to find a way to have a youth representative involved in their committee if they were ready to. It was noted that Banks Peninsula and Christchurch West Melton are the only Committees that meet at night which makes it easier for youth to attend, if they are attending school or tertiary education during the day.
- 3.5 Youth Rōpū member, Erana Riddell has shown an interest in the work of the Banks Peninsula Zone Committee and has attended several meetings. The Youth Rōpū have nominated Erana as a potential candidate for co-opting to the Banks Peninsula Zone Committee.
- 3.6 Erana is willing, and Youth Rōpū, ECan and Christchurch City Council are also supportive.
- 3.7 The Banks Peninsula Zone Committee currently has six community members. The Terms of Reference allows for 4 – 7 community members. Erana will take up the seventh membership.

- 3.8 Erana will not have voting rights (as per the Terms of Reference). However, she will be paid the same honorarium and expenses as other Committee members provided she complies with the Committee Terms of Reference, Code of Conduct, and attends regularly.
- 3.9 If the Zone Committee recommends that Erana is seconded/co-opted onto the Committee for a 12 month trial, Lesley Woudberg will send her a formal letter to make the secondment/co-option offer, subject to the Council's confirmation.

Attachments

There are no appendices to this report.

12. Action Plan 2020-2022

Reference / Te Tohutoro: 20/119842

Report of: Shelley Washington

General Manager: Zone Facilitator

1. Purpose of Report / Te Pūtake Pūrongo

- 1.1 The purpose of this report is for the Banks Peninsula Water Management Zone Committee to receive the Three Year Action Plan for 2020-2022.

2. Officer Recommendations / Ngā Tūtohu

That the Banks Peninsula Water Management Zone Committee:

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

Attachments

No.	Title	Page
A ↓	Three Year Action Plan 2020-2022	28

Banks Peninsula Zone Action Plan 2018-2021 – Finalised 16 October 2018, Actions Underway column updated 3 February 2019

This three year plan includes the key actions to be delivered by agencies and the community to help make progress toward achieving the priority outcomes from the Banks Peninsula Zone Implementation Programme. 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, Ngāi Tahu and the Banks Peninsula Community Board.

Table 1 Banks Peninsula Water Zone Committee 3 Year Plan including year-by-year actions, and the zone committee's approach to achieving each action

ZIP and ZIPA Outcomes	Priority actions for 2018-2021	Actions Underway	Year 1 June 2019 - June 2020	Year 2 June 2020 – June 2021	Year 3 June 2021 – June 2022	ZC Approach
<p>1. Kaitiakitanga <i>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.</i></p> <p><i>Wairewa ZIPA Outcome -All streams that flow into the lake are flourishing ecosystems reflecting mauri, kaitiakitanga and mahinga kai values.</i></p>	<p>1. Support the implementation of the Whakaraupō Catchment Management Plan project to complete riparian planting on four streams Ki Uta Ki Tai.</p>	<p>Head of the Harbour led by Ngati Wheke has received matching funding from MfE of \$150,000 to the \$127,000 contribution from the partnership over two years. Update received from Yvette Couch-Lewis at May 2019 ZC meeting and from Andrew Scott at 24 September community meeting, and Karen Banwell at October ZC workshop and November ZC meeting. Head of Harbour project progressing. Cass Bay Stream has been selected for restoration in 2020 and Morgans Gully and Sam's Gully in 2021.</p>	<p>A. ZC Rep on Community Advisory Group (Gina). B. Karen Banwell (Whaka Ora Implementation Manager) will provide regular progress updates at WZC meetings (i.e. every 2 months). C. Stall at Orton Bradley Spring Fair with Whaka Ora Healthy Harbour theme, co-host with Whaka-Ora (TBC). REPLACED with stall at Sculpture on the Peninsula as Spring Fair cancelled. D. Receive a map of the streams where riparian planting is taking place and receive progress updates.</p>	<p>A. ZC Rep on Community Advisory Group (ongoing). B. Review whether additional support from ZC can be given. C. Karen Banwell (Whaka Ora Implementation Manager) will provide regular progress updates at WZC meetings (i.e. every 2 months).</p>	<p>A. ZC Rep on Community Advisory Group (ongoing). B. Review whether additional support from ZC can be given. C. Karen Banwell (Whaka Ora Implementation Manager) will provide regular progress updates at WZC meetings (i.e. every 2 months).</p>	<p>WZC to promote what is happening through Comms Plan rather than take an active role</p> <p><i>(yes Charlotte knows to do this)</i></p> <p>WZC Rep to inform WZC when opportunities to contribute arise.</p>
	<p>2. Mahinga Kai is used as an indicator to help monitor the health of Banks Peninsula Waterways <i>Contributors: Rūnanga, ECan</i> <i>ZC Role: Recommend that ECan integrate this into the science monitoring programmes.</i></p>	<p>In response to ZC recommendation, a paper went to ZC in March 2019 which outlined how Environment Canterbury is currently working with Gail Tipa to develop a framework for monitoring using mātauranga.</p> <p>ECan is involved in a pilot mātauranga māori monitoring project, being led by Gail Tipa alongside Rūnanga in the Waitaki River area. Shelley has been given the project plans to see (these can be shared).</p>	<p>A. Trial eCan Science Team pilot mahinga kai indicators which have been incorporated in waterway health monitoring (underway). B. Mātauranga based monitoring framework being developed by eCan (underway)</p>	<p>A. Review eCan Science Team trial Mahinga Kai indicators. B. Trial and review Mātauranga based monitoring framework</p>	<p>A. Review and finalize eCan Science Team trial Mahinga Kai indicators. B. Trial and review Mātauranga based monitoring framework</p>	<p>WZC Mahinga Kai Working Group to consider.</p>

ZIP and ZIPA Outcomes	Priority actions for 2018-2021	Actions Underway	Year 1 June 2019 - June 2020	Year 2 June 2020 – June 2021	Year 3 June 2021 – June 2022	ZC Approach
		<p>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 finding out Rūnanga rep thoughts on this which Shelley will then feed back to science staff before identifying next steps.</p> <p>There may be an intention to revise the Mahaanui Iwi Management Plan but this has not commenced. Ngāi Tahu Rūnanga/ MKT will lead this if and when it occurs.</p>	C. WZC to contribute to the update to the Mahaanui Iwi Management Plan.			
	<p>3. Increase community understanding of Mahinga kai through FEP workshops, Nature Agents Programme, landowner advice and public events. <i>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.</i></p>	<p>ZC hosted stall at the Little River A&P in Jan 2019 which included Mahinga Kai.</p> <p>Mahinga kai was integrated into FEP workshop in Okains Bay in early 2019.</p> <p>Mahinga Kai was focus of October 27 2019 joint display by WZC and Whaka-Ora Healthy Harbour at Sculpture on the Peninsula (Orton Bradley Spring Fair cancelled). Little River Show 18 January?</p> <p>Ngai Tahu structure presentation given by Elizabeth Cunningham to WZC at July 2019 committee meeting.</p> <p>Nature agents programme presented at 19 Nov 2019 meeting.</p> <p>Four out of five info cards from CCC have been received in final draft form in December 2019 – on topics of fish, mahinga kai, stream banks, flooding. They were sent to some ZC members and Ecan staff for comments. They do not include images or graphics yet.</p>	<p>A. Mahinga Kai incorporated in FEP workshops (underway).</p> <p>B. Stall with Mahinga Kai theme held at Banks Peninsula A&P show 18 Jan 2019.</p> <p>C. Increase WZC understanding through marae visit and intro to Ngai Tahu structure</p>	<p>A. Mahinga Kai incorporated in FEP workshops (ongoing).</p> <p>B. Stalls at 2 fairs/community events with at least one with mahinga kai theme.</p>	<p>A. Mahinga Kai incorporated in FEP workshops (ongoing).</p> <p>B. Stalls at 2 fairs/community events with at least one with mahinga kai theme.</p>	<p>WZC Mahinga Kai Working Group to develop more ideas</p>

ZIP and ZIPA Outcomes	Priority actions for 2018-2021	Actions Underway	Year 1 June 2019 - June 2020	Year 2 June 2020 – June 2021	Year 3 June 2021 – June 2022	ZC Approach
	4. Each year, showcase an example of a Ki Uta Ki tai approach on Banks Peninsula. <i>Contributors: ZC, Rūnanga, landowners</i> <i>ZC Role: Each year ZC select example, advise on communication approach (article, public fieldtrip etc) and contribute to content.</i>	ZC suggested to ECAN communications staff that Orton Bradley or Living Springs would be a good feature for 2019. Zone Facilitator to follow up with ECAN communications staff. <i>(discussed with Charlotte 31 July 19)</i>	A. Canterbury Water facebook post on Koukourarata IMS project completed. B. Showcase Orton Bradley Park catchment	A. Showcase Koukourarata catchment &/or consider Living Springs	A. Whakaraupo waterway to be nominated and showcased.	WZC to nominate a project each year, and to consider holding an event that showcases the waterway.
2. Water Quality <i>People have access to safe drinking water.</i> <i>Water quality is monitored, and rules are developed to maintain and improve it where appropriate</i> <i>Wairewa ZIPA Outcome -Te Roto o Wairewa is a nationally significant project showcasing outstanding environmental restoration.</i>	5. Support communities to have safe and secure drinking water sources. <i>Contributors: CPH, CCC, ECan, ZC Role: Help advocate with communities where required/appropriate.</i>	Update received from Mike Bourke (CCC) regarding Okains Bay and drinking water supply in late 2018 and November 2019. Brief updates on the Duvauchelle water supply have also been provided. CCC has now provided funding for construction of a restricted water supply system in Okains Bay that will meet the NZ Drinking Water Standards. The supply will provide potable water for the existing 40 dwellings, school, museum and for the campground. Negotiations for the purchase of land are well advanced, and sampling and analysis of the stream raw water supply is underway. The Council has budgeted for completion of the supply in the 2021/22 financial year. Will satisfy the demand for a potable water supply and will leave the existing take for stock water.				WZC to respond to enquiries from the community and to provide support where needed
	6. Assessment of BP marae drinking water supplies and actions plans to address issues. <i>Contributors: Runanga, CPH, ECan Tuia Team.</i> <i>ZC Role: Receive regular updates</i>	November 2019 update: ECan has briefed Te Paiherenga on the Government's Three Water review and recommendations currently being considered, including setting up a new regulator who will regulate owners and operators of drinking water supply schemes (except for single dwelling self-suppliers), including marae, papakāinga and rural Maori communities. New regulations will require marae to be registered within one year and have a water safety plan in place within five years. ECan is currently developing stage 2 of this project which will be to work with	A. WZC to receive updates from WZC Runanga Reps on progress	A. WZC to receive updates from WZC Runanga Reps on progress	A. WZC to receive updates from WZC Runanga Reps on progress	WZC to receive updates as work programme is underway

ZIP and ZIPA Outcomes	Priority actions for 2018-2021	Actions Underway	Year 1 June 2019 - June 2020	Year 2 June 2020 – June 2021	Year 3 June 2021 – June 2022	ZC Approach
		rūnanga to help them find a way to improve the reliability of their supply.				
	<p>7. Share in depth annual water quality and ecosystem health monitoring results and relevant research with the Banks Peninsula community. <i>Contributors: Councils, DOC, Nature Agents, Research Institutes, Industry Groups, Community</i> ZC Role: Share information with communities, advise research institutes of local research gaps/opportunities.</p>	<p>ECan results shared at the 19 November 2019 WZC meeting.</p> <p>Alice West presented her findings on her masters ecological assessment of various privately owned BP catchments at the 19 November meeting.</p> <p>Nature Agents shared their results at the 19 November 2019 WZC meeting.</p> <p>ECan science staff have identified several streams showing signs of stress. The casue predominately stock access and damage to banks and bed of stream. They have narrowed this down to one or two most likely to benefit from Zone Team and Zone Committee focus. Next step is to discuss this with zone team staff to see if can add to work programme. Then get data from science team. And get involvement from ZC.</p>	<p>A. Annual WZC presentation and discussion of results (ongoing).</p> <p>B. Communication of results with the community (include in Comms Plan). Request that ECan scientists discuss with ECan communications staff the best options for communicating the results with the community and share this at WZC meeting. <i>(discussed with Charlotte 31 July 19)</i></p>	<p>A. Annual WZC presentation and discussion of results (ongoing).</p> <p>B. Communication of results with the community (include in Comms Plan).</p>	<p>A. Annual WZC presentation and discussion of results (ongoing).</p> <p>B. Communication of results with the community (include in Comms Plan).</p>	<p>WZC to encourage research and the sharing of it. WZC members and ECan to tie in with research groups. 1 or 2 ZC members to act as research Reps?</p> <p><u>Communication, Education & Youth Working Group</u> to develop further ideas</p>
	<p>8. Host two FEP workshops per year which effectively incorporate biodiversity and mahinga kai. <i>Contributors: Beef and Lamb, CCC, ECan</i> ZC Role: Host workshop with Beef and Lamb and encourage landowners to attend using your network of contacts.</p>	<p>FEP workshop hosted in early 2019.</p> <p>One workshop hosted with a Biodiversity and Mahinga Kai component, delivered by Mananui Ramsden.</p> <p>Second workshop ear marked for early 2020?</p> <p>Any landowners with questions about FEPs had opportunity to get these answered at Wairewa stock exclusion meeting on 20 November 2019 but there was not much uptake.</p> <p>Harry Millar considering a way of keeping in touch with representative range of landowners on Peninsula to let him know what issues they need</p>	<p>A. FEP held in Okains Bay March 2019.</p> <p>B. Second FEP location to be agreed by WZC.</p>	<p>A. Review community appetite for two FEPs/year, and substitute for another type of workshop if two FEPs/yr aren't going to be worthwhile.</p> <p>B. Workshop locations to be agreed by WZC.</p>	<p>A. Review community appetite for two FEPs/year, and substitute for another type of workshop if two FEPs/yr aren't going to be worthwhile.</p> <p>B. Workshop locations to be agreed by WZC.</p>	<p>1 or 2 WZC members to work with Land Management Advisor to plan each workshop, and to contact farmers to invite them directly.</p>

ZIP and ZIPA Outcomes	Priority actions for 2018-2021	Actions Underway	Year 1 June 2019 - June 2020	Year 2 June 2020 – June 2021	Year 3 June 2021 – June 2022	ZC Approach
		help with. Harry considers FEP needs may mostly be met. FEPs are not required by our rules on Peninsula.				
	9. Support all Wairewa landowners to exclude stock from waterways by 2020. <i>Contributors: ECan, landowners</i> <i>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.</i>	ECan's LMA has been having conversations with affected landowners. Meeting held with landowners on 20 November 2019 to remind them of the rules coming into place from January 2020 and answer their questions. Harry has met with all affected landowners individually.	A. Land Management Advisor available in Little River, and has contacted affected landowners. LMA to follow up with landowners that are still to comply (ongoing). B. CCC Info cards to be finalised and distributed	A. Land Management Advisor available in Little River, to follow up with with landowners that are still to comply (ongoing).	A. Land Management Advisor available in Little River, to follow up with with landowners that are still to comply (ongoing).	
3. Water Quantity <i>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.</i> <i>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.</i>	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. <i>Contributors: landowners CCC ECan,</i> <i>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.</i>	In late 2018, ZC were provided with an update on the comms CCC were undertaking - this was significantly reduced due to the focus on reducing water use in the city for the well head improvement programme. WZC to start discussion in Oct about priorities and approach for 2019/2020 summer campaign. CCC finalised the communications plan around water conservation and messages shared via newspapers and social media. Will be invited to talk with ZC about this at March meeting.	A. WZC to receive and contribute to water efficiency campaign/comms developed by CCC.	A. WZC to receive and contribute to water efficiency campaign/comms developed by CCC.	A. WZC to receive and contribute to water efficiency campaign/comms developed by CCC.	ZC Water Efficiency Working Group or full WZC to work with CCC
	11. Encourage landowners to develop stock water systems. <i>ZC Role: Help promote information and advice.</i>	Harry is going to research this topic to figure out possible approaches.	A. Include in FEP workshops (ongoing). B. eCan Land Management Advisor and WZC members to talk to farmers as part of informal community interactions (ongoing)	A. Include in FEP workshops (ongoing). B. eCan Land Management Advisor and WZC members to talk to farmers as part of informal community interactions (ongoing)	A. Include in FEP workshops (ongoing). B. eCan Land Management Advisor and WZC members to talk to farmers as part of informal community interactions (ongoing)	Informal community interactions. Do 1 or 2 WZC Reps with good connections to the farming community need to be nominated??

ZIP and ZIPA Outcomes	Priority actions for 2018-2021	Actions Underway	Year 1 June 2019 - June 2020	Year 2 June 2020 – June 2021	Year 3 June 2021 – June 2022	ZC Approach
	12. Continue investigations into minimum and environmental flows on Banks Peninsula and their relationship to consented and permitted water takes. <i>ZC role: Recommend that ECan undertake this work.</i>	Tim Davie spoke about this at the 19 November 2019 meeting. Shelley is getting Tim to check her notes. Plan to discuss this further at March meeting.	A. WZC meeting with presentation from Tim Davie to explain the options for undertaking these investigations, and their consequences. WZC to then work with Tim to agree on what is feasible.	A. TBD following Year 1 meeting	A. TBD following Year 1 meeting	<i>WZC meeting to determine approach – could include setting up a WZC Water Quantity Working Group</i> <i>Could consider revising permitted take definitions for perched springs (currently allowed 2m3/day if take is above ground, 100m3/day if below)</i>
4. Biodiversity <i>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 examples of excellent biodiversity achievement.</i>	13. IMS biodiversity fund is strategically allocated and progress celebrated. <i>Contributors: ZC, ECan, landowners</i> <i>ZC Role: Approve projects, encourage and support landowners and celebrate projects.</i>	IMS biodiversity fund for 18/19 year was fully allocated. Allocation of the fund for 19/20 year was discussed at the April 2019 meeting decided at the May 2019 meeting. ECan communications did social media posts on Canterbury Water on the recent immediate steps funding. <i>(discussed with Charlotte 31 July 19)</i> Lesley wrote IMS Q&A information sheet with help from WZC members and been edited by ECan communications staff and printed for use by ZC. BPZC criteria/priorities for Immediate Steps updated at August 2019 meeting. At November meeting the Zone Committee decided which projects they would like paperwork for based on their criteria/priorities. Biodiversity Officer will have completed paperwork for April 2020 meeting, for ZC to make their funding recommendations.	A. WZC requested greater input to enquiries chosen for development into projects at May 2019 WZC meeting. WZC to receive updates from Biodiversity Officer throughout the year to improve transparency, to be more meaningfully involved and provide strategic direction. B. IMS fund allocated by ZC workshop meeting each April/May (ongoing) C. WZC has suggested Whaka Ora Healthy Harbour projects be given priority. D. IMS print ad with link to new Q&A section on eCan website E. WZC to brainstorm how to address biodiversity problems. F. WZC to request someone provide an analysis of biodiversity opportunities and issues on BP, so WZC can focus on filling gaps within scope, and being more strategic. G. Update from CCC on Sites of Ecological Significance Biodiversity Fund	A. WZC to receive updates from Biodiversity Officer throughout the year and decide on strategic approach (ongoing). B. IMS fund allocated by WZC workshop meeting each April/May (ongoing) C. Celebration of progress to be included in Comms Plan (ongoing) D. WZC to request that comment or assessment of level of protection provided along each catchment and identify gaps in otherwise well protected catchments E. Update from CCC on Sites of Ecological Significance Biodiversity Fund F. WZC presentation on koura translocation research G. WZC update from BPCT incl Pest Free BP H. WZC to advocate for independent audit of the IMS programme and freshwater biodiversity management and protection on BP	A. WZC to receive updates from Biodiversity Officer throughout the year and decide on strategic approach (ongoing). B. IMS fund allocated by WZC workshop meeting each April/May (ongoing) C. Celebration of progress to be included in Comms Plan (ongoing) D. Update from CCC on Sites of Ecological Significance Biodiversity Fund E. Advocate for research on stock impacts on biodiversity on high country and potential management solutions e.g. fencing, exclusion of certain stock types, stocking levels	<i>WZC meetings to provide input to project selection early on, and to provide strategic direction e.g. whether specific catchments or types of projects should be prioritised e.g. covenants.</i> <i>WZC Reps to help convince landowners where gaps in a catchment are identified.</i> <i>Biodiversity Working Group</i>
	14. Improve and update the IMS Project Booklet annually with a coordinated map showing all biodiversity projects and reserves on Banks Peninsula	Helen created a map for the August 2019 ZC map. Shelley has contacted BPCT to see if can get their shape files to add to this map. Discuss with BPCT again in early 2020.	A. <i>IMS Project booklet updated annually (ongoing).</i>	A. <i>IMS Project booklet updated annually (ongoing).</i>	A. <i>IMS Project booklet updated annually (ongoing).</i>	<i>WZC to receive updated booklets, and eCan to make them available to the public (include in Comms Plan).</i>

ZIP and ZIPA Outcomes	Priority actions for 2018-2021	Actions Underway	Year 1 June 2019 - June 2020	Year 2 June 2020 – June 2021	Year 3 June 2021 – June 2022	ZC Approach
	(including IMS, CCC, Trust, DOC reserves etc). Contributors: ECan, CCC, DOC, BPCT, QEII <i>ZC Role: Use the booklet to celebrate success and utilise the map for helping prioritise projects.</i>					
	15. Address native fish barriers on public land and educate landowners. Contributors: ECan, DOC, CCC, NZTA <i>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'.</i>	Walnut Creek barrier has been remediated. Aylmers Stream barrier is going to be repaired by CCC. Refer fish passage paper for Oct 19 WZC workshop. Wainui stream followed up by Harry Millar with a landowner meeting on 5 December 2019. This is being followed up. An ECan supported summer student is hired to: support work on the Regional Fish Habitat Initiative, by delivering an assessment of fish habitat and fish passage sites on Banks Peninsula, and addressing data gaps through desk-top and field based work, to enable Environment Canterbury to better identify project sites for intervention, and monitor work against our biodiversity goals.	A. WZC meeting to receive report on 2019 improvements and WZC input into prioritising barriers for 2020 work programme. B. CCC Info Card about fish barriers to be finished and distributed widely.	A. WZC meeting to receive report on improvements and WZC input into prioritising barriers for work programme.	A. WZC meeting to receive report on improvements and WZC input into prioritising barriers for work programme.	WZC Fish Barriers Working Group or WZC meeting to provide input into prioritising barriers work
5. Erosion and Sediment <i>Sediment discharge into waterways are minimised.</i> <i>Sediment build in the harbours is managed sustainably to prevent damage to mahinga kai and Kai Moana from erosion and sedimentation.</i>	16. Complete the Whakaraupō Road Cutting Trial by 2021 to determine effective erosion control techniques Contributors: CCC, ECan, Eos Ecology <i>ZC Role: ZC representative on working group.</i>	The first site (at Chch Adventure Park) for this project was installed during May 2019 and will require two years of monitoring. CCC Communications prepared a media article that has been shared. Paula Smith, Peter Kingsbury, Harry Millar and Shelley Washington visited the site in November 2019. (Note from Shelley: the outcome of the project will be a detailed set of guidelines so CCC can implement on roadside cuttings.) Need for funding for this project needs to go to Annual Plans and Long Term Plans.	A. WZC to advocate for funding through Whakaraupō Catchment Plan and assist Peter Kingsbury with finding CCC budget.	B. WZC to receive update and provide feedback on proposed CCC guidelines	A. WZC meeting to receive trial results and guideline B. WZC to consider how this work can be disseminated – include in Comms Plan	WZC Erosion Control Working Group or WZC Meeting

ZIP and ZIPA Outcomes	Priority actions for 2018-2021	Actions Underway	Year 1 June 2019 - June 2020	Year 2 June 2020 – June 2021	Year 3 June 2021 – June 2022	ZC Approach
Wairewa ZIPA Outcome- Sediment discharges into waterways is reduced.		ZC field visit planned 11 February 2020.				
	17. The Wairewa bank stabilisation pilot project is completed by 2021 and funding is secured to extend the pilot. Contributors: Rūnanga, ECan, DOC, landowners <i>ZC Role: Encourage landowners to participate in project and work with rūnanga to secure funding to scale up the project.</i>	Initial works have been started as some banks have been shaped. Planting has begun. Community planting day has been held. Garrick and Aurora helping with funding applications. They have met with Gill Jenkins and Alison Bower. ECan staff walked the Okuti and Hukahuka Turoa streams on 19 November with the engineers to identify potential sites for further willow work and ultimately banks stabilisation work as well.	A. WZC public site visit held April 2019 B. Public planting day to be held Aug 2019 C. Request eCan to get a map showing the areas that are part of the project and what has been done so far. D. WZC to work with ECan and rūnanga to secure funding to extend the pilot. Identify what is needed to secure funding. E. Wairewa Working Group to explore options for larger scale projects in Wairewa catchment	A. Work with ECan and rūnanga to secure funding to extend the pilot.	A. WZC to receive update on Wairewa Bank Stabilisation pilot; possible site visit.	Wairewa Working Group to explore options for larger scale projects in Wairewa catchment e.g. sediment trap and Wairewa wetland, consider developing a catchment plan by utilising the sub-regional plan and complimenting it with components it doesn't include, consider Mahinga Kai Cultural Park concept.
	18. Support forestry landowners and operators to understand the National Environmental Standard for Plantation Forestry and ensure that erosion susceptibility is integrated into any forestry resources. Contributors: ZC, Industry, ECan, CCC <i>ZC Role: Engage community and provide advice to industry/councils on how to best communicate requirements with the local community.</i>	ECan has employed a forestry resource management officer to work with landowners and the forestry industry to ensure that the NES is followed. An article on forestry monitoring was prepared and shared. Opportunity to hold a native forestry workshop for community in 2020.	A. Whaka Ora contact with each landowner in the Head of the Bay catchment in Whakaraupo (underway). B. WZC to receive update on eCan forestry compliance monitoring, incl Teddington legal case following 2017 floods C. Host billion trees & carbon farming / forestry and erosion control public workshop, possibly in conjunction with Beef + Lamb and FEP workshops, and/or Whaka Ora. Going to be Autumn 2020. <i>Comm's discussed with Charlotte 31 July 19</i> D. News article on forestry monitoring			WZC Erosion Control Working Group to develop ideas 1 or 2 WZC Reps to work with eCan to plan public workshop

ZIP and ZIPA Outcomes	Priority actions for 2018-2021	Actions Underway	Year 1 June 2019 - June 2020	Year 2 June 2020 – June 2021	Year 3 June 2021 – June 2022	ZC Approach
	19. Forestry activities and high-risk construction sites are prioritised for monitoring. <i>Contributors: ECan</i> <i>ZC Role: Influence ECan monitoring programme and receive regular updates on compliance.</i>	These activities are monitored. Major sites to date have included the Sumner Rd and Haul Rd rebuilds and the wastewater pipe laying around the harbour.	A. ECan monitoring staff member monitors all harvesting activities (ongoing). B. WZC to receive a written and well communicated update on eCan compliance monitoring	A. ECan forestry monitoring staff member monitors all harvesting activities (ongoing). B. WZC to receive update on eCan compliance monitoring C. Publicise environmental incident number and information on what people should look out for at construction sites.	A. ECan forestry monitoring staff member monitors all harvesting activities (ongoing). B. WZC to receive update on eCan compliance monitoring	WZC Erosion Control Working Group to develop ideas to hold CCC and ECAN to account for contribution to sediment load. Include ideas on construction site monitoring.
	20. Continue to undertake soil mapping on Banks Peninsula. <i>Contributors: ECan, CCC, Landcare Research</i> <i>ZC Role: Receive updates on project progress and help build community awareness about work.</i>	The final stage of soil mapping is complete for the Whakaraupō catchment. Stage 1 was finished last year, and entered into Smap at the start of this financial year. If demand can be demonstrated, they are considering options for further soil mapping on the peninsula. Ian Lynn is willing to give the WZC a presentation on this in 2020. A short summary was provided at the 24 September 2019 community meeting at Living Springs.	Organise for the soil mapping work to be presented to the community at either a ZC meeting or a separate workshop. Consider whether the topic is at the same workshop as ETS, carbon farming and Billion Trees. Going to be Autumn 2020.	A. WZC to consider how completed Whakaraupō soil mapping can be utilised in Whaka Ora projects e.g. hillside erosion projects, public comms. B. WZC to advocate that ECan, CCC and Landcare Research consider funding and implementation of the extension of soil mapping on BP		WZC Erosion Control Working Group
6. Wastewater <i>Wastewater us not discharged to the harbour but reclaimed to land. Wastewater is treated to a high quality and promoted as an innovative water and irrigation source for the Peninsula.</i>	21. Complete a research project on the impacts of onsite domestic wastewater systems on Wainui waterways. Consider research findings and develop an action plan. <i>Contributors: Waterways Centre and Wainui community.</i> <i>ZC Role: Support researcher with contacts, encourage community participation, consider research findings and suitable actions.</i>	Project brief was jointly developed by ECan and CCC and there was an agreement to co-fund this. ECan and CCC have jointly funded a Masters student. Two academic staff from UoC supervised the student, one for the social science side of the study, and the other for the natural science aspects. Report currently being written up.	A. WZC to encourage research and eCan to follow up on uptake as a student project	A. WZC to receive research findings and develop an action plan		WZC Wastewater Working Group or WZC meeting
	22. Raise public awareness about the need to regularly maintain onsite wastewater systems <i>Contributors: ZC, ECan, community</i> <i>ZC Role: Provide advice on how to best communicate this message locally, share information through networks, and recommend ECan prioritise consent monitoring.</i>	CCC Info Cards to be completed by end December 2019. This one not in final draft stage yet?	A. CCC Info Card on septic systems being developed (underway). B. Distribute CCC Info Card on septic systems to landowners. C. Include as an item in Comms Plan.	A. Include as an item in Comms Plan. B. Consider septic tanks as a theme at a stall e.g. A&P show stall	A. Include as an item in Comms Plan.	WZC Wastewater Working Group to develop ideas for how to raise public awareness

ZIP and ZIPA Outcomes	Priority actions for 2018-2021	Actions Underway	Year 1 June 2019 - June 2020	Year 2 June 2020 – June 2021	Year 3 June 2021 – June 2022	ZC Approach
	23. Advocate for a successful resolution of the Akaroa Wastewater Scheme. <i>Contributors: CCC, community</i> <i>ZC Role: Provide input/advice where appropriate.</i>	<p>WZC are provided with update on this and are welcome to attend any public consultation meetings.</p> <p>CCC presented to Community Board on 18 November 2019.</p> <p>Beca have just produced the final report on the land based options which CCC are reviewing. Working party met late November to discuss detail investigation report and options</p> <p>Next steps: CCC meet with Ngai Tahu to discuss investigation report and options; Working party write their statement about each of the options; Ngai Tahu invited to write their statement about each of the options for inclusion in consultation document</p> <p>- Community consultation process for submissions on the options (January to end of February)</p> <p>- Hearings process. Councillors select an option. CCC undertake Assessments of Environmental Effects on preferred scheme and apply for resource consent. Resource consent process by Ecan (high probability of going to Environment Court).</p> <p>- Consent conditions set.Finalise detailed designs. Construction (probably 2023 onwards)</p>	A. WZC to receive update on Akaroa wastewater scheme	A. WZC to receive update on Akaroa wastewater scheme	A. WZC to receive update on Akaroa wastewater scheme	Should a WZC Rep be more involved?
7. Climate Change <i>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.</i>	24. Consider climate change effects on all actions.	<p>CCC has agreed on dates and levels for emission targets. They include a separation on dates for methane and also an interim target. That is part of their overall Climate Change programme and the focus now that their targets options paper has been received, is back onto the development of their climate change strategy.</p> <p>CCC are not expecting to deliver different strategies to different areas of our District although aspects of the</p>	A. Input into Banks Peninsula Climate Change Strategy being developed by CCC. B. Remind WZC to consider in every decision. C. Collaborate with Ngāi Tahu	A. Remind WZC to consider in every decision. B. Collaborate with Ngāi Tahu	A. Remind WZC to consider in every decision. B. Collaborate with Ngāi Tahu	WZC Climate Change Working Party or WZC meeting to brainstorm specific actions and public communications.

ZIP and ZIPA Outcomes	Priority actions for 2018-2021	Actions Underway	Year 1 June 2019 - June 2020	Year 2 June 2020 – June 2021	Year 3 June 2021 – June 2022	ZC Approach
<i>Wairewa ZIPA Outcome- Risks of flooding are known and understood and flood hazards reduced.</i>		<p>action plans (particularly regarding adaptation) will be localised.</p> <p>CCC will engage with WZC. Climate change area on website: https://ccc.govt.nz/environment/climate-change</p> <p>The current draft timetable is to have the strategy out for consultation in late March and the Council to adopt the final strategy in mid May.</p> <p>Aurora and Benita have had involvement with Ngāi Tahu and attended their Climate Change Symposium in August.</p>				
<p>8. Education and Communication <i>The Banks Peninsula community is empowered by education in environmental management. Environmental success in the zone are appropriately recognised and publicised.</i></p>	<p>25. Develop and implement 6 monthly zone communication plans. This is to include a range of communication channels including social media. <i>Contributors: ZC, ECan, CCC</i> <i>ZC Role: Input to plan and assist with the content and delivery.</i></p>	<p>Tania prepared a plan which was included in the March WZC agenda. WZC endorsed this.</p> <p>Charlotte has updated the communication plan August 2019 – January 2020 and is updating it.</p> <p>Charlotte O'Sullivan prepared/preparing a story/social media on:</p> <ul style="list-style-type: none"> • Immediate Steps – Bay Harbour News • Mahinga Kai and Pere Tainui – Benita's column • Orton Bradley Park planting • Forestry compliance approach • Koukourarata planting • Ataahua forest article • September community meeting (and invite) • Okuti River planting article • Wairewa bank stabilisation planting • Immediate steps questions and answers • Forestry compliance • BPZC newsletter • Wairewa Stock Exclusion article and invite 	<p>A.ECan Comms and WZC to develop and implement comms plan (ongoing).</p> <p><i>Discussed with Charlotte 31 July 19. She is developing these.</i></p> <p>Standard communications from Charlotte will include:</p> <ul style="list-style-type: none"> •Pitching stories to Bay Harbour News and Akaroa Mail •Prepared one on Immediate Steps (was in Bay Harbour News) •Prepared one on Mahinga Kai and upcoming planting days (will likely be in Bay Harbour News 1st week August 19) •Prepared one on Orton Bradley Park planting day •Committee member column monthly – Shelley to help encourage •Charlotte will come to meetings depending on agenda •After meetings – a a chair's column and zone related news to 	<p>A. ECan Comms and WZC to develop and implement comms plan (ongoing).</p>	<p>A. ECan Comms and WZC to develop and implement comms plan (ongoing).</p>	<p>Communication, Education & Youth Working Group to work with schools and universities, use wider range of social media, and ask public for feedback and their ideas.</p>

ZIP and ZIPA Outcomes	Priority actions for 2018-2021	Actions Underway	Year 1 June 2019 - June 2020	Year 2 June 2020 – June 2021	Year 3 June 2021 – June 2022	ZC Approach
		Banks Peninsula Zone Team Work Programme Progress Update Report 2018-2019 completed.	go out via mailchimp newsletter •Promote Whaka-Ora Healthy Harbour Other items in communications work plan (refer plan for details): March/April: profile zone committee role and new membership. April/May: support and promote freshwater education programmes and community led projects – Little River. June/July – Ki Uta Ki Tai showcase. August – sediment. Little River Valley. Event: Orton Bradley Park planting 4 Aug. Sept/Oct – community workshop Living Springs on forestry etc. Mahinga Kai. Nov/Dec – water efficiency.			
	26. Support and promote freshwater education programmes and community led projects. <i>ZC Role: Support groups through attendance at events, raise profile in community through inviting to ZC meeting and sharing information/photos using social media.</i>	WZC supported Okuti River Project by having presentation and field trip with this group in April 2019. Harry has met with Okuti River Project rep in late 2019 and will follow up.	A. WZC supported Okuti River Project by having presentation and field trip with this group in April 2019.	A. WZC to identify and support community led projects B. WZC to consider hosting a youth event	A. WZC to identify and support community led projects	<u>Communication, Education & Youth Working Group</u> to work with educators and develop ideas for a youth event
	27. Zone Committee to provide updates to CCC, ECan, Community Boards and the wider community. <i>ZC Role: Quarterly reporting to CCC, annual reporting to ECan, initiate regular reporting to community board.</i>	WZC has reported to CCC Councillors quarterly. Community board are happy to receive quarterly updates from WZC (this just needs to be arranged each quarter). September community board newsletter sent to WZC.	A. WZC presentations scheduled (ongoing). B. WZC members to write regular articles for local newspapers and social media	A. WZC presentations scheduled (ongoing). B. WZC members to write regular articles for local newspapers and social media	A. WZC presentations scheduled (ongoing). B. WZC members to write regular articles for local newspapers and social media	Confirm that Community Board presentations are scheduled

ZIP and ZIPA Outcomes	Priority actions for 2018-2021	Actions Underway	Year 1 June 2019 - June 2020	Year 2 June 2020 – June 2021	Year 3 June 2021 – June 2022	ZC Approach
		Community Board notified about Wairewa Community Planting Day. Shelley meeting with Community Board governance staff to discuss refreshing this relationship between Community Board and Zone Committee.				
	28. Recommend that 15 streams on Banks Peninsula are labelled. <i>Contributors: CCC</i> <i>ZC Role: Effectively influence CCC priorities to fund signage.</i>	CCC are not going to undertake this action. NZTA roads are already labelled. This action is completed, as far is possible.	A. Raised with CCC Infrastructure Transport and Environment Committee April 2019, and is now being investigated by CCC staff.	A. <i>Receive update at WZC meeting, and advocate if necessary.</i>		
9. Coastal <i>The harbours are a natural extension of the rivers and streams. The marine biodiversity of the harbours is protected and restored.</i>	29. Ongoing research in the coastal environment to inform the Coastal Plan Review. <i>Contributors: DOC, ECan, CCC, Universities</i> <i>ZC Role: Revise and share updates on research where appropriate. ZC participate and contribute to the development of the Plan.</i>	ECan staff planning conversations with Council in April to determine their priorities for the future planning work programme. The Coastal Plan is likely to be a part of these discussions, along with freshwater planning, and updates required to the Regional Policy Statement to give effect to national direction (NPS and NESs). All things going well, we will have a work programme confirmed by the end of the financial year with funding assigned for the next 3 years. In the meantime ECan's usual water quality and coastal hazards monitoring programme will continue to provide information. Olga Pantos from ESR has set up samplers in the port area.	A. WZC to receive update on water quality and coastal hazards monitoring programme B. Communicate with research organisations to encourage research projects on BP	A. WZC to receive update on water quality and coastal hazards monitoring programme B. Communicate with research organisations to encourage research projects on BP C. WZC to receive update on Coastal Plan Review.	A. WZC to receive update on water quality and coastal hazards monitoring programme B. Communicate with research organisations to encourage research projects on BP C. WZC to receive update on Coastal Plan Review.	<u>WZC Research Rep</u> and <u>eCan to work with research organisations to encourage research</u> <u>Opportunities for more WZC involvement??</u>

13. Canterbury Water Management Strategy Updates

Reference / Te Tohutoro: 20/118841

Report of: Shelley Washington

General Manager: Zone Facilitator

1. Purpose of Report / Te Pūtake Pūrongo

- 1.1 The purpose of this report is for the Banks Peninsula Water Management Zone Committee to update the Committee about the Canterbury Water Management Strategy so the Committee is aware of the new targets and goals for 2025 and 2030 and progress report.
- 1.2 Become aware of the new targets and goals for 2025 and 2030 for Mahinga Kai and Kaitiakitanga.

2. Officer Recommendations / Ngā Tūtohu

That the Banks Peninsula Water Management Zone Committee:

1. Receives the information on the Canterbury Water Management Strategy.
2. Considers how to include the new Mahinga Kai and Kaitiakitanga targets and goals into the Zone Committee's Action Plan, and make a start on implementation over the next few months of committee meetings/workshops.

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

3. Report

Canterbury Water Management Strategy

- 3.1 The Canterbury Water Management Strategy Quick Guide is currently being updated. In the meantime the February 2018 version is available on the Your Environment > Water > Canterbury's Approach to Water Management part of the Environment Canterbury website:

<https://www.ecan.govt.nz/your-region/your-environment/water/canterburys-approach-to-water-management/>

This will be emailed as an attachment prior to the meeting.

Canterbury Water Management Strategy Targets Report 2019

- 3.2 The 2019 Targets Report is now available on Environment Canterbury's website.
<https://www.ecan.govt.nz/your-region/your-environment/water/measuring-progress/>
- 3.3 The report builds on the previous Targets Progress Reports and shows that in most areas we have made progress, although there is still much to do. This will be emailed as an attachment prior to the meeting.

Updated Canterbury Water Management Strategy Targets and Goals (Fit for Future)

- 3.4 During 2019, the process for adding goals for 2025 and 2030 was completed. This has been referred to previously as “Fit for Future”. The resulting current Canterbury Water Management Strategy Targets and Goals can be read in the document with this name. Some hard copies will be available at the meeting and emailed as an attachment. It can also be found electronically on the Your Environment > Water > Measuring Progress part of Environment Canterbury website:
- <https://www.ecan.govt.nz/your-region/your-environment/water/measuring-progress/>
- 3.5 Brad Waldon-Gibbons and Irai Weepu will join us at the meeting to help the Zone Committee become familiar with the new 2025 and 2030 targets and goals for Mahinga Kai and Kaitiakitanga. A good place to read about these is on the bottom third of page 10 in this document.
- 3.6 Brad and Irai will provide some background on how these targets and goals were developed and next steps. Irai has been working with each Rūnanga on this topic. Brad has been working with Banks Peninsula Zone Committee Rūnanga representatives.

Attachments

There are no appendices to this report.

14. Wairewa ZIP Addendum - A Draft Summary

Reference / Te Tohutoro: 20/119642

Report of:

General Manager:

1. Purpose of Report / Te Pūtake Pūrongo

- 1.1 The purpose of this report is to provide the Banks Peninsula Water Management Zone Committee with a copy of the Wairewa ZIP Addendum, for their information.
- 1.2 The ZIP Addendum will be considered and discussed at a future meeting.

2. Officer Recommendations / Ngā Tūtohu

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.

Attachments

No.	Title	Page
A ↓	Wairewa ZIP Addendum - A Draft Summary	44

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WAIREWA ZIP ADDENDUM – The Journey 2014 - Present
A draft summary (read in conjunction with Wairewa ZIP Addendum November 2014)



Ka hāhā te tuna ki te roto
If the lake is full with eels

Ka hāhā te reo ki te kāika
If the home resounds with speaking

Ka hāhā te takata ki te whenua
The land will be inhabited by people



"This morning, Little River presented a scene of desolation. Masses of rocks, shingle, silt, tree trunks, and flood debris were strewn everywhere. A creek was running full force down the main street. Dead sheep, hares, rabbits and dogs lay where the flood had left them. To add to the miseries of residents, a fine rain started to fall this morning. The rainfall for the period 9am Saturday to 9am Monday was 17.80 inches."

The Christchurch Star-Sun Tuesday 22 May 1945

Desired Outcomes

CATCHMENT

Sediment discharges into waterways is reduced

All streams that flow into the lake are flourishing ecosystems reflecting mauri, kaitiakitanga and mahinga kai values

FLOOD HAZARD

Risks of flooding are known and understood

The flood hazard is reduced

THE LAKE

Te Roto o Wairewa is a nationally significant project showcasing outstanding environmental restoration

Annual Average TLI = 4 within 20 years (2035)

No more than 30% of water quality samples in a year have chlorophyll-a levels above 20µg/l


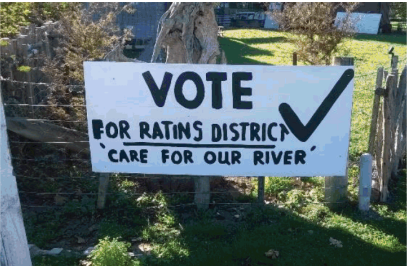




Chlorophyll a levels should not exceed 50 µg/l

The lake supports mahinga kai and contact recreation all year round

	Wairewa Rūnanga	Community	Christchurch City Proposed District Plan	Christchurch City Drainage/Wastewater Infrastructure	Environment Canterbury Land and Water Regional Plan	Environment Canterbury Erosion and Rehabilitation	Environment Canterbury Monitoring and Research Programme	Universities Research Programmes	Department of Conservation	NZ Transport Authority Operational Plans
TOOLS	Investigations, research. May 2016 Rūnanga/CCC Lake opening consent granted 35 yr period Wairewa Mahinga Kai Cultural Park? Mahinga Kai projects? Management Plan to improve water quality of lake (Waitangi Tribunal recommendation)?	Community nursery – community planting Ōkana Wairewa flood Rating District July 2015 Reduce the damage from flooding by actively managing the Ōkana and Ōkutu approx \$133,000 over 7 years Ōkutu Rivercare Group - \$30,000 IS funding, UoC, DoC and CCC support Community Board Little River -BIG IDEAS Integrated Catchment Management? Water suppliers? Awareness raising? Individual action?	Introduces a Floor Level and Fill Management Area – new dwellings need to be at xx above CC datum	Maintenance and improvements scheduled – Long-Term Plan Reserve staff Water related services bylaw?	Plan Change 6 Wairewa Decisions 25 August 2016 Enabling – stabilisation of river banks on the valley floor, sediment retention basin, research, lake opening Restrict – stock access to riparian margins in the valley floor, minimise phosphorous from wastewater, prevent inundation of septic tanks Limits and targets for water quality for both lake and catchment are set Flow allocation and minimum flows?	Pilot project – bank stabilisation and treatment (up to. \$60,000 IS funding) Reports - Rob Blakely - map and prioritise sites for bank stabilisation est cost Farm Environment Plans	Upgraded Lake monitoring equipment – continuous monitoring temp, salinity, dissolved oxygen, turbidity, chlorophyll a, and cyanobacteria Catchment monitoring water quality, quantity, ecosystem health Ōkana Flow modelling completed	Physical and social science??	DOC Catons Bay Weed control? Wildlife? Riparian Management? Management Plans/	Maintains drainage from SH75 and improvements

February 2020

WAIREWA ZIP ADDENDUM – what do our actions look like?

<p>2015 - present</p> <p>Establish the Wairewa / Little River Rating District</p> <p>Purpose: to improve the efficiency of the drainage through the Okana and Okuti Rivers and their tributaries by clearing willows and debris from the river channels</p> <p>Funding: xx per annum generated by a special rate across levied across landowners in the catchment</p> <p>Partners: ECan and landowners in the Wairewa catchment</p> <p>Duration: 7 years – into year 6</p> <p>Achievements: [put progress here]</p> <div></div>	<p>2016 - present</p> <p>Okuti River Project</p> <p>Purpose: to promote the long-term guardianship of the river and its high biodiversity values. By educating landowners and the community through activities such as freshwater fun days, school visits and riparian planting events.</p> <p>Funding: \$30,000 Banks Peninsula Zone Committee (Immediate Steps Funding), Little River Community Trust and others [Update this with group]</p> <p>Partners: Landowners, Nature Agents programme, Enviroschools, Canterbury University, Wairewa Rūnanga, Environment Canterbury, Christchurch City Council and the department of Conservation.</p> <p>Duration: underway for 5 years – ongoing</p> <p>Achievements: Supreme Winner: 2019 Canterbury / Aoraki Conservation Board Award</p> <div></div>	<p>2019 - present</p> <p>Okana Bank Stabilisation and Riparian Planting</p> <p>Purpose: primarily to stabilise the river bank to reduce sediment inflows into LWairewa/Forsyth. Other benefits include the reduction of other contaminants entering the river and providing shade and improved habitat for freshwater species.</p> <p>Funding: \$60,000 Banks Peninsula Zone Committee (Immediate Steps Funding)</p> <p>Partners: Landowners, Wairewa Rūnanga, Environment Canterbury</p> <p>Duration: Underway - ongoing</p> <p>Achievements:</p> <p>Some banks shaped</p> <p>4,000 plants planted Oct 2019 community planting day</p> <p>ECan staff walked the Okuti and Hukahuka Turoa streams on 19 November with the engineers to identify potential sites for further willow work and ultimately banks stabilisation work as well.</p> <div></div>
<p>Xx – present [get info from Annelies]</p> <p>[also put info here on Little River Big Ideas and their key projects that relate]</p> <p>Living Spring Community Nursery</p> <p>Purpose: provide locally source native trees, shrubs and grasses and help with community planting projects (ie. Pa Road)</p> <p>Cost:</p> <p>Partners: local community</p> <p>Duration:</p> <p>Achievements:</p>	<p>2000's – exploring and trial options 2016 – consent for channel opening granted for 35 years</p> <p>Lake Opening – Channel</p> <p>Purpose: [update with info from Benita and Tim Ayers]</p> <p>Cost:</p> <p>Partners: Wairewa Rūnanga and Christchurch City Council</p> <p>Duration: 2016 – 2049</p> <p>Achievements:</p>	<p>Individual Action</p> <ul style="list-style-type: none">• Farm Environment Plans• Working with landowners to improve stream banks, reduce hot spots, improve biodiversity, manage erosion, mahinga kai•ECAN rule to exclude stock in valley floor Wairewa "live" January 2020•Education•CCC information sheets•Poplar poles

February 2020

		
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15. Facilitator's Update - 11 February 2020

Reference / Te Tohutoro: 20/120015

Report of: Shelley Washington

General Manager: Zone Facilitator

1. Purpose of Report / Te Pūtake Pūrongo

- 1.1 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 – 11 February 2020.

3. Report

3.1 RECENT EVENTS

Event	Target Audience
Wairewa stock exclusion meeting 20 November 2019	Landowners, public. To ensure landowners in the Wairewa Valley floor area are meeting their current responsibilities and understand the changes arriving on 1 January 2020.
5 December 2019 Wainui Weir landowner meeting	Landowners adjacent to Wainui Weir and old loop who could be impacted by any changes. Purpose was to find out each of their preferences.
17 December 2019 Zone Committee end of year dinner with Whakaraupō Advisory Group	End of year dinner to reflect and celebrate and network.
18 January 2020 Little River Show	Banks Peninsula farmers and wider community

3.2 UPCOMING EVENTS

Event	Target Audience & Notes
Zone Committee Annual Report	Final sent via email to ZC. Once presented to CCC Council and ECan Council it will be shared more widely and some hard copies produced.

3.3 UPDATE ON MATTERS RAISED AT PREVIOUS MEETINGS

Matter	Update
Mahinga kai monitoring	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 finding out Rūnanga rep thoughts on this which Shelley will then feedback to science staff before identifying next steps.
Follow up from water quality and ecosystem health presentation	ECan science staff have identified several streams showing signs of stress. The cause predominately stock access and damage to banks and bed of stream. They have narrowed this down to one or two most likely to benefit from Zone Team and Zone Committee focus. Next step is to discuss this with zone team staff to see if can add to work programme. Then get data from science team. And get involvement from ZC.
Nature Agents involvement in meetings	Reminder in meeting schedule to identify meetings to connect again. Shelley to follow up. Nature Agents might pick a species to profile. Shelley to follow up with Kirsty and suggest we can help profile this on social media.
DOC involvement in meetings	Reminder in meeting schedule to identify meetings to connect again. Shelley to follow up.
Habitats of indigenous species	The two sites in the BP zone are Kinloch Stream (Lamprey) and Little River from the bridge downstream to Lake Forsyth (Kakahi).
Brake pad flyers	If any ZC member wants some of these to hand out, please contact Shelley. ECan has plenty of these.
Find out how youth group may want to interact.	Tonight's agenda paper on youth involvement is the result.
Collaborate with BPCT	Invite to March meeting to give a presentation. Shelley to follow up.
Updates on government policy changes and submissions.	Shelley in touch with ECan strategy staff and CCC staff to share the summaries/submissions they develop with the Zone Committee via email once available. Also will forward a monthly "Policy Insights" newsletter that an Ecan staff member writes.
Te Wairewa openings presentation for wider community	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 give presentation about the opening and closing of Te Roto Wairewa and the decision making processes. Invite wider community but be clear the purpose is to dispel some myths/make it clear what the process is, not to change the agreed process/levels. Shelley to follow up.
LMA Update – FEP Workshop	Spring FEP workshop replaced with Wairewa Stock Exclusion meeting 20 November 2019. Harry is of view landowners don't have a strong need for FEP workshops anymore and instead looking into a good way of finding out landowner issues and needs so that Harry can help landowners.
Wainui Weir	Harry Millar held a meeting and field visit with landowners on 4 December 2019.
Immediate Steps applications	Kate Hunt has been visiting applicants and doing field visits. Gill Jenkins will be able to provide an update.
Minimum and environmental flow investigations.	Pick up where left off and discuss with Tim to make a decision about whether ZC wants to pursue this, and if so, how. At March meeting. Shelley to follow up with Tim.
Plastic coming from quick set concrete bags	Followed up with CCC. Follow up with NZTA pending.
Rabbits	Harry Millar will be introducing a pest control contractor who can reduce the number of rabbits in Wainui. Locals will need to agree comfortable with methods.
DOC reserve in Wainui	Vanessa Mander and Oscar from DOC are going to pay Sam and co a visit on the 18 th of this month to discuss options. It coincides nicely with a relationship I'm developing with the YMCA Wainui camp up the road.
CCC info sheets	Peter has sent 4 out of 5 drafts. Sent to some ZC members for comments. Requires follow up by Peter, CCC communications, ZC and ECan.
Find out previous discussion about educating tourists about water conservation.	Water conservation is a potential topic for March meeting, fitting in with climate change theme. Shelley to follow up with Lesley, ECan communications, CCC communications.
IMS field trip.	Explore opportunity for IMS field trip as part of April Biodiversity themed meeting. Kate Hunt and Shelley to follow up.
Find out where CCC up to with their climate change strategy.	Update included in action plan. Shelley to ask CCC representative to speak to ZC about this at April meeting as not possible in March due to timing of process.
Get copy of Ngai Tahu and ECan climate change strategies.	Elizabeth Cunningham already shared Ngai Tahu's with ZC. Probably also available online. ECan does not have a climate change strategy but once some kind of document has been prepared that has signed off by Council it can be shared with ZC.

Form better link with Banks Peninsula Community Board.	Shelley following up.
ZC Communications	<p>Charlotte O’Sullivan prepared/preparing a story on:</p> <ul style="list-style-type: none"> Assisting with Zone Committee Annual Report 2019 (draft emailed out) Banks Peninsula Zone Team Progress Update Report 2018 – 19. <p>Charlotte is now on maternity leave. The position is advertised. In mean-time Fraser Walker-Pearce can assist.</p>
CCC Info sheets on various topics	Will be available before Christmas 2019 – Peter Kingsbury.
Slowing peak water flow	Ask staff to advise and report to the Committee about the values of measures higher in the catchment to slow peak water flows – pending (wait until Harry has time).
Topdressing impact on drinking water	<p>Response from Steve Pink at CCC: <i>Yes I do recall the possible pollution of the water intake (Pipers Valley Duvauchelle) and upstream catchment zones by farmers employing a helicopter top dressing company to top dress the various paddocks. Because of the spray they were using, the landowners were required to make aware their immediate neighbours, ECan and CCC of the type of spray/locations/dates etc. Didn’t happen.....</i></p> <p><i>I have attached last year’s P1 & 2 test results which includes testing for pesticides etc around the various BP stream intakes and catchment zones and the sample results came back with nothing out of the ordinary.</i></p> <p><i>We are in the process of making submissions to ECan to enlarge the numerous BP stream intake catchment protection zones to ensure any future aerial top dressing aircraft keep a safe distance away from the intakes etc. Emma Manhart is pushing this one forward – Attached Policy for protection zones.</i></p> <p><i>So because of the potential pollution of the catchment zones, it was decided CCC would draft a letter for the various BP landowners/activity groups etc – See attached. Emma will pick this up again early next month.</i></p> <p><i>Complaints were from people living in close proximity to the paddocks being top dressed who are trying to farm organically (Sheep etc).</i></p>

3.4 FOR YOUR INFORMATION AND INSPIRATION

- 3.4.1 Reminder that if you use Facebook, sign up for Canterbury Water Facebook so you can see posts that relate to Banks Peninsula.
- 3.4.2 CCC Comprehensive Stormwater Consent now completed appeal process and is “live”.
- 3.4.3 A tunnel is set to be drilled under the Heathcote River and through Woolston on Saturday as part of the Lyttelton Harbour wastewater project. This work is part of the fourth and final stage of the project, that once complete, will put an end to the routine discharge of treated wastewater into Lyttelton Harbour.

Great Willowherb weed found on Banks Peninsula

- 3.5 Recently Great Willowherb has been found in the riparian area of a Banks Peninsula Stream (Holmes Bay). MPI is dealing with this and has been out to control it. ECan communications has prepared a Facebook post. A fact sheet on this weed has been emailed to the Zone Committee.
- 3.6 Until recently, it has been detected at 12 sites in Canterbury. Biosecurity New Zealand has been working hard, along with others, to manage this wetland pest plant, through observation, surveillance and treatment. If you think you have seen it, report it to Biosecurity New Zealand’s Pests and Diseases hotline on 0800 80 99 66. For more information about great willowherb, go to <https://www.biosecurity.govt.nz/news-and-resources/media-releases/mpi-confirms-discovery-of-invasive-weed-great-willowherb-in-canterbury/>
- 3.7 Before being found in Canterbury it had not been recorded as present in New Zealand. It is an invasive flowering plant also commonly known as the hairy willowherb, or great hairy willowherb (*Epilobium hirsutum*). It is closely related to and sometimes mistaken for, a rare, endangered native herb (*Epilobium hirtigerum*) that goes by the same common name.

Identifying great willowherb

- Grows up to 2 metres tall.
- Stems are erect and branched.
- Large, showy pink-purple flowers (3 cm diameter) with white centres and notched petals.
- Leaves are opposite, lance-shaped, tooth-edged, and attach directly on the stem.
- Long, narrow seed pods split open to release numerous seeds with long white hairs.

Remember: If you think you have spotted great willowherb plants, do not remove them. Take a photo and call 0800 80 99 66.

Attachments

There are no appendices to this report.