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

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### **Notice of Meeting:**

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

**Date:** Tuesday 16 May 2017  
**Time:** 4pm  
**Venue:** Orton Bradley Park, Charteris Bay

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### **Membership**

Chairperson	Paula Smith – Community Representative
Members	Pam Richardson – Community Representative
	Andrew Turner - Deputy Mayor Christchurch City Council
	Elizabeth Cunningham – Councillor Environment Canterbury
	Ian Lloyd - Community Representative
	Kevin Simcock - Community Representative
	June Swindells - Te Hapū o Ngāti Wheke/Rapaki
	Manaia Cunningham - Te Runanga o Koukourarata
	Pere Tainui - Te Runanga o Onuku
	Claire Findlay - Community Representative
	Thomas Kulpe - Community Representative
	Charlie Zimmerman – Te Runanga o Wairewa

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**11 May 2017**

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

**Zone Facilitator**  
Lesley Woudberg  
Zone Facilitator  
Tel: 027 706 4273  
**Environment Canterbury**

**Committee Advisor**  
Warren Brixton  
Council Secretariat  
Tel: 941 8999  
**Christchurch City Council**

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## **1. Apologies**

## **2. Confirmation of Previous Minutes**

That the minutes of the Banks Peninsula Water Management Zone Joint Committee meeting held on [Tuesday, 18 April 2017](#) be confirmed (refer page 5).

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

## **4. Deputations by Appointment**

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

## **5. Identification of Urgent Items**

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

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## Banks Peninsula Water Management Zone Joint Committee OPEN MINUTES

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**Date:** Tuesday 18 April 2017  
**Time:** 4pm  
**Venue:** Little River Rugby Clubrooms, Little River

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**Present**

Chairperson	Paula Smith, Community Representative
Members	Pam Richardson, Community Representative
	Ian Lloyd - Community Representative
	Andrew Turner - Deputy Mayor Christchurch City Council
	Kevin Simcock - Community Representative
	June Swindells - Te Hapū o Ngāti Wheke/Rapaki
	Manaia Cunningham - Te Runanga o Koukourarata
	Pere Tainui - Te Runanga o Onuku
	Claire Findlay - Community Representative
	Thomas Kulpe - Community Representative
	Elizabeth Cunningham, Environment Canterbury
	Charlie Zimmerman, Te Runanga o Wairewa – arrived 4.35pm

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10 May 2017

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

**Zone Facilitator**  
Lesley Woudberg  
Zone Facilitator  
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[www.ecan.govt.nz/news-and-notice/minutes/Pages/Default.aspx](http://www.ecan.govt.nz/news-and-notice/minutes/Pages/Default.aspx)

The agenda was dealt with in the following order.

#### **Karakia**

Manaia Cunningham opened the meeting with a Karakia.

#### **Welcome**

Peter Ramsden was welcomed back, after a period of illness.

### **1. Apologies**

The apology from Councillor Andrew Turner was accepted.

### **2. Confirmation of Previous Minutes**

#### **Committee Decision**

That the minutes of the Banks Peninsula Water Management Zone Joint Committee meeting held on Tuesday, 14 March 2017 be confirmed subject to the following amendments:

9. Environment Canterbury – Quarterly Report on 5 year Outcomes

Whakaraupo/Lyttelton Catchment Management Plan

Remove word “quiet” from first sentence.

Resource Consent Monitoring

Add “the maintenance and quality of output from septic tanks”

10. Port Hills Fire – Ohinetahi Summit Road Society/QEII Covenant

Committee Recommendations

Change “beginning of 2017/18” to “by 1 July 2018”

11. Ecosystem Health and Biodiversity Monitoring CWMS Targets

Committee Recommendation

Add “food gathering standard” to the proposed paper.

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

Ecosystem Health and Biodiversity Monitoring CWMS Targets

Clare Findlay enquired as to the progress with Tim Davies one page report, arising from the Committees October Workshop.

She was advised that no time frame for this could be given, due to the pressure of other Council work  
Okains Bay Estuary – Camping Ground

Ian Lloyd visited the bay and while the willows appeared not to be a problem, it would be good to get them out. He would create a “file note” and had reported his findings to Pam Richardson, who in turn is to take the matter to the Reserve Management Committee.

### **4. Deputations by Appointment**

There were no deputations by appointment.

## 5. Identification of Urgent Items

- a. Update from members
- b. 5 Year Outcomes – Advocates Update
- c. The Year Ahead - 2017

## 6. Identification of General Public Contributions

Wairewa River Rating District Meeting

Tore Peden (BP Community Board) advised that at the public meeting a briefing from the Committee had been provided, as to how the District is working. The water in the rivers is clearing following the recent storm and works are continuing to improve drainage.

A River Rating District Liaison Committee has been formed and there is a space for a representative to the Zone Committee to be appointed.

Decision

It was agreed that Pam Richardson be the Zone Committees appointee.

At the suggestion of Elizabeth Cunningham, it was decided to ask the River Rating District Committee to make its meeting minutes available to the Zone Committee.

## 7. Wairewa Lake Health

Lesley Woudberg advised that the report added the last 12 months of data. The Committee would be familiar with these graphs as they had been presented and explained by Dr Tim Davie in the past. Controlling inputs into the lake, before removing the sediment and the phosphorus legacy is one of the principles in the Wairewa ZIPA. Plan Change 6 and the proposed bank stabilisation project were both focusing on sediment inputs to the lake. The science was still unclear as to the best way to tackle the legacy problem of the sediment in the lake.

Kevin Simcock advised that while data had been supplied, despite this being the Committee's Flagship Project there was no recommendations for any action. He suggested that that the Committee needed to get a handle on this and what more could be done.

He proposed:

- The Committee needed to have a clear view of the lake's management and what role the zone committee had.
- What are the scientists recommending?
- What funding was available and from who?

It was reported that any work must be done in conjunction with the Wairewa Rūnanga and some measures were only just being put in place following Plan Change 6 becoming operative.

In response to the Chair's question as to what is the committee's role with the lake, Cr Iaeen Cranwell Wairewa Rūnanga and Environment Canterbury, advised that Department of Conservation was responsible for the management of the lake bed and the Christchurch City Council and Rūnanga managed the lake opening. The Lake was a statutory acknowledgement site that guarantees Rūnanga

involvement in its management and the community, Rūnanga and Environment Canterbury were taking action in the catchment through the Rating District, bank stabilisation project and the Okuti family day. A sediment trap at the bottom of the catchment is one recommendation in the ZIPA that has not been progressed. Further work on feasibility and effectiveness is needed. The best thing is to stop the sediment getting into the lake, which the Environment Canterbury, Rūnanga and community were working together on.

In response Kevin Simcock stated that he would like to see the Zone Committee, Rūnanga, City Council, DOC, Environment Canterbury etc set out the management regime.

Iaeen Cranwell saw that a Working Group sounded good and the Chair added that it would be helpful to receive information on what the scientists have said (ref. *Dr Marc Schallenburg Lake Forsyth/Wairewa: a literature review*).

### **Joint Committee Decision**

That the Banks Peninsula Water Management Zone Joint Committee:

1. Receive the information.

## **8. Response to Forsyth Community questions**

In response to a question as to when was the proposed bridge to be built, Elizabeth Cunningham advised all Runanga Chairs meet with the City Council on this work, but there is still a lot of work to be done.

Iaeen Cranwell added that due to the recent heavy rains, the bridge building would not take place until next year.

In discussing the report's key points

- Lake goes blue, it needs to say how toxic the lake is and reference to pollution hot line
- Signage, request CCC to install signs at the bottom of Bossu Rd.

### **Joint Committee Decision**

That the Banks Peninsula Water Management Zone Joint Committee:

1. Receive the information.

## **9. Wairewa Bank Stabilisation Project**

In introducing the report, Geoff Thompson tabled the full "Enhanced Sediment Mitigation in the Wairewa Catchment" report.

The work is a partnership with the Rūnanga, but a resource consent is needed and discussions held with engineers about resourcing requirements and riparian planting.

There is a need to communicate the strategy with landowners via a letter or personal approach.



Kevin Simcock enquired as to when the recommendations in the Opus report on the upper catchment could be implemented. Current focus is the valley floor where scientists advised most of the sediment is coming from but work was also underway with landowners to develop Farm Environment Plans.

Pam Richardson saw the need for an “education programme” in the catchment and champion the issues with the community.

It was suggested that Pam Richardson, Tore Peden, Kevin Simcock and Geoff Thompson could put together an strategy to raise awareness in the community.

### **Staff Recommendations Recommendation**

That the Banks Peninsula Water Management Zone Joint Committee:

1. Receive the report.
2. Agrees to fund the bank stabilisation project from Immediate Steps up to \$60,000 spread over two financial years subject to a project plan approved by the zone committee.

### **Joint Committee Decision**

That the Banks Peninsula Water Management Zone Joint Committee:

1. Receive the report.
2. Agrees to fund the bank stabilisation project from Immediate Steps up to \$60,000 spread over two financial years subject to a project plan approved by the zone committee, with the intention to completion by 30 June 2019.

## **10. Immediate Steps Biodiversity Project Proposal - Ohinetahi Valley Stream**

Helen Greenep noted that this project was not affected by the fire but was directly downstream of fire damaged areas. It was a project under development before the fire. Given fencers would be on the property to repair fire damage it was an opportunity to advance this project. BPCT was working with the landowner on a possible covenant and fresh water crayfish or kēkēwai are likely to be present. This catchment is close to protection Ki Uta Kia Tai/ ridge top to the sea.

Clare Findlay suggested that perhaps because of the fire damage other protection measures, such a strategically placed hay bales could be included.

### **Joint Committee Decision**

That the Banks Peninsula Water Management Zone Joint Committee:

1. Receive the report.
2. Agrees to fund the Ohinetahi Valley Stream project to the sum of \$11,585 from the 2017/2018 financial year's budget.

## **11. Review of the Banks Peninsula Zone Implementation Programme**

In the discussion that followed the Chair suggested that there is need for the ZIP Review subcommittee to meet. Peter Kingsbury cautioned the committee that there was no commitment

from the City to resource what may be required for a review process. Next chapters to be reviewed are Chapter 1 Kaitiakitanga and Chapter 10 Coastal.

### **Joint Committee Decision**

That the Banks Peninsula Water Management Zone Joint Committee:

- (a) Agree in principle to the approach outlined in this report to review the BPZC ZIP.
- (b) Request that the BPZC ZIP Review Sub-committee report back to the Zone Committee in May 2017 with a final ZIP review plan for Zone Committee approval.

A dinner break was taken between 6.00pm and 6.35pm.

## **12. Facilitator's Update - 18 April 2017**

Reference to the success of the Okuti family fun day.

The Year Ahead 2017 - Lesley Woudberg advised that this is a working outline of the way the year is shaping up. The Chair suggested that the report was something for members to take away and read and discuss next meeting.

Whakaraupō/Lyttelton Harbour project - Ian Lloyd advised that an application for \$250,000 to match funding of partners had been applied for and that a letter of support had been sent by the Chair of the committee after email consultation with members. The Chair said to some degree she was feeling disconnected with what is going on in Whakaraupō. Ian Lloyd provided further details of the programme and said information was contained on the Healthy Harbours website. It was suggested that the project manager be invited to the next committee meeting to give an further update.

### **Joint Committee Decision**

That the Banks Peninsula Water Management Zone Joint Committee:

**Receives** the Facilitators report and notes the upcoming events

The Committee also discussed:

#### **Five Year Outcomes – Advocates Update**

1. Access to safe and reliable drinking water - the committee agreed to support the Annual Plan application for a “: feasibility study” for Okains Bay, to be undertaken. Pigeon Bay Water Supply Extension – Pam Richardson advised that grass seed has been sewn over the filled in pipe trench.
2. Roadside Cuttings Revegetation Trials in Lyttelton Harbour Basin - Peter Kingsbury advised that another trial site was being sought
3. Indigenous Biodiversity Values – Pam Richardson advised of the significant ecological sites process being undertaken as part of the CCC District Plan and an agreement to trial the concept of Farm Biodiversity Plans which was a different way of working with landowners. There is an opportunity for the Zone Committee to be involved as part of the Good Management Practice/Farm Environment Plan work led by Ian Lloyd and Geoff Thompson.

4. Recreation and Amenity values - Thomas Kulpe noted that there were no specific chapters in the Banks Peninsula ZIP reflecting the CWMS recreation and amenity targets and that it should go back to members for them to seek information from their respective communities.

#### Round Table – Updates from Members

Port Hills Fires – Clare Findlay – Open invitation from Rebecca Parrish to visit her property damaged by fire  
Regional Committee - Immediate Steps – Thomas Kulpe – indicated other members had raised education as an aspect that could be taken into account when assessing projects. Some committees did, other did not.  
Environment Canterbury Youth Hui – Manaia Cunningham – 34 students attended

Private Parking, Cliff Cut-outs – June Swindells – noted concern that two areas along the harbour road had recently been cut away for private parking. It was suggested that a City Council staff member provide the Committee with a briefing

Takamatua Stream Sediment Control Assistance – Kevin Simcock was working with ECan staff better manage stormwater/sediment problems before they arose.

Committee Membership - Kevin Simcock sought details of the programme of committee member appointments - Lesley Woudberg explained the committee refresh process and that those new and existing members went through the same process. Kevin Simcock felt the process was unfair and that existing members should have a different process of selection. This had not been raised as a concern for any other committees. Regular refresh of committees was seen by CWMS partners as important. Lesley Woudberg agreed to circulate Kevin's alternative appointment process.

Akaroa Waste Water – Pam Richardson advised that the Joint Statements are on the Website. Kevin Simcock expressed some dissatisfaction that after all the work of the Working Party in sorting out the main options, all were now back on the table for consideration.

**Meeting concluded at 8.03pm.**

**CONFIRMED THIS 16TH DAY OF MAY 2017**

**PAULA SMITH  
CHAIRPERSON**



## 7. Update from the Whakaraupo Working Group

Reference: 17/483537

Contact: Christina Robb

Enter email address

027 7064273

### 1. Purpose of Report

Provide an update on the Heathy Harbour/Whakaraupō Project.

### 2. Staff Recommendations

[That the Banks Peninsula Water Management Zone Joint Committee:](#)

[Receive the report](#)

### 3. Key Points

Update from Whakaraupo Partners Working Group

May 2017

#### **Revised timelines**

The timelines for the delivery of a Whakaraupo Catchment Management Plan have been extended. The new timeline involves a consultation on a draft plan in September, with the final plan being launched in November.

#### **Application to Government's Freshwater Improvement Fund**

Environment Canterbury, on behalf of the project partners, has submitted a proposal to the Government's Freshwater Improvement Fund. The project concentrates on reducing sediment inputs, improving water quality and enhancing the ecosystem on the Head of the Bay through:

- *Identify key sediment sources* (hotspots) and *land use practices* that contribute sediment, together with developing a set of realistic and practical solutions
- *Alter the current drainage network* to re-establish lost wetland areas, in conjunction with establishing a raupō and harakeke reserve.
- *Prioritising riparian management needs*, and *undertake the recommended activities* including planting, fencing and bank stabilisation.
- *Develop a number of Farm Environment Plans* which specifically consider the loess soils and are focused on maintaining soils, reducing erosion and reducing faecal contamination of the area's watercourses.
- Engaging the wider community through doing e.g. planting days.

#### **Feedback from Community workshops**

A summary of the feedback from the community workshops held in September 2016 is now available.

Workshop participants suggested 116 projects ranging from small scale activities such as the installation of educational interpretation panels, to large scale, long term projects such as reforestation of the catchment. Projects included:

- education and community based restoration activities such as planting.
- stormwater management and longer term restoration activities such as reforestation of the catchment and removal of sediment from the harbour.

- Community planting, better enforcement, education, better waste management and better stormwater management
- improved sediment and stormwater management, stabilisation of road cuttings and the total removal of sewage from the harbour featured most frequently.

#### ***Report from the Science Advisory Group***

The work of the Science Advisory Group is being finalised. The group has the key issues impacting on the cultural and ecological health of Whakaraupō, and have suggested a suite of actions intended to address these issues. The actions include research, and on-the-ground projects. The science work will be presented to the Zone Committee, Te Hapū o Ngāti Wheke and to the wider community in a series of workshops in June/July. The feedback from these workshops will inform the Catchment Management Plan.

#### ***Project ideas from Ngāti Wheke***

Ngāti Wheke has suggested a suite of projects to enhance the mahika kai resources in the harbour.

#### ***Drafting the Whakaraupo Catchment Management Plan***

The project governance group is due to meet in May to guide the response to the science work and the community feedback, and to set the overall direction and form of the Whakaraupo Catchment Management Plan.

The Partners Working Group will then develop the Catchment Management Plan and determine a suite of priority projects, and timelines. The content will focus around a cultural narrative, to reflect the cultural values of Whakaraupō and convey them to the wider public.

The group will work through the actions from the science, mahika kai and community work with a view to determining costs and assigning a responsible agency or group. There are actions that the community may wish to lead and others that will require the Christchurch City Council and/or Environment Canterbury to obtain funds through their upcoming Long Term Plan processes.

#### **Partners working group**

- Yvette Couch-Lewis Ngāti Wheke
- Jed O'Donaghue Community Board
- Ian Lloyd Banks Peninsula Zone Committee
- Kim Kelleher Lyttelton Port
- Matthew Ross and Courtney Bennett Te Rūnanga o Ngāi Tahu
- Clive Appleton and Deborah Hogan Christchurch City Council
- Bianca Sullivan and Lesley Woudberg Environment Canterbury

## **Attachments**

There are no attachments to this report.

## **Signatories**

<b>Author</b>	Warren Brixton - Committee Advisor
<b>Approved By</b>	Warren Brixton - Committee Advisor

## 8. Immediate Steps Biodiversity Projects February 2012 - May 2017

**Reference:** 17/482119

**Contact:** Dr Helen Greeep    Helen.greenep@ecan.govt.nz    027 7064273

### 1. Purpose of Report

To provide a summary of all the biodiversity projects undertaken on Banks Peninsula that have received Immediate Steps funding assistance February 2012 - May 2017.

### 2. Staff Recommendations

That the Banks Peninsula Water Management Zone Joint Committee:

**Receive** the report; and

**Identify** ways the committee wish to celebrate the biodiversity achievements of landowners, community and the zone committee on Banks Peninsula.

### 3. Key Points

Zone committees are given the responsibility to make recommendations to Environment Canterbury on how \$100,000 per year biodiversity fund (Immediate Steps) is allocated in their zone. The fund was established under the Canterbury Water Management Strategy and recognises that immediate actions need to be taken in conjunction with longer term actions such as improved planning frameworks.

Projects are assessed using six criteria:

1. Protect and maintain the health of all significant habitats and ecosystems.
2. Restore the natural character of degraded indigenous habitats and ecosystems.
3. Increase the integration and sustainable use of indigenous species in modified environments (eg. farm, urban, lifestyle blocks).
4. Enhance public awareness, understanding and support of biodiversity.
5. Encourage, celebrate and support action by landowners and communities to protect, maintain and restore biodiversity.
6. Improve the range of knowledge and information about Canterbury's biodiversity for its sustainable management.

The fund can support up to two thirds of the total cost of a project. The remaining one third must be met by the applicant.

The first Immediate Steps project, Haylocks Stream, was recommended by the Banks Peninsula zone committee February 2012.





Since February 2012 the committee has recommended \$605,364 funding across 27 projects on Banks Peninsula. The projects cover actions such as fencing, planting and weed and pest control.

A full report describing each project will be provided to members at the meeting.



Planting Koukourarata

## Attachments

There are no attachments to this report.

## Signatories

<b>Author</b>	Warren Brixton - Committee Advisor
<b>Approved By</b>	Warren Brixton - Committee Advisor



## 9. The Year Ahead - 2017

Reference: 17/482247

Contact: Lesley Woudberg Lesley.woudberg@ecan.govt.nz 0277064273

### 1. Purpose of Report

To provide an opportunity for the committee to discuss the year ahead and where it wishes to focus its effort.

### 2. Staff Recommendations

That the Banks Peninsula Water Management Zone Joint Committee:

**Receives** the report; and

**Agrees** that in 2017 the committee will focus on

- Xx by *[what action is the ZC going to do?]*
- Xx by *[what action is the ZC going to do?]*
- Xx by *[what action is the ZC going to do?]*

### 3. Key Points

The 2016 Annual Report identified the following as key work for 2017.

#### 1. Ecosystem health and biodiversity

- Continue to support, with funding assistance, willing landowners to take action to protect and enhance ecosystem health and biodiversity on their properties.
- Revisit and evaluate the success of previously funded projects.
- Continue to work with others to improve ecosystem health and biodiversity on the Peninsula.
- Explore opportunities to build on existing initiatives (eg. schools freshwater invertebrate kit) to better connect communities with their streams, rivers, wetlands and lake.

#### 2. Drinking water

- Continue to work alongside communities, such as Okains Bay, and Ōnuku Rūnanga, to improve the security and quality of community water supplies.
- Continue to work with CCC, CDHB and Ngāi Tahu to raise awareness of the limitation of water resources on Banks Peninsula and the need to improve the security and quality of all community water supplies.

3. Wairewa catchment

- Work alongside Wairewa Rūnanga Landowners and the community to implement a bank stabilisation project, encourage appropriate planting, and improve riparian management as part of a coordinated catchment plan.
- Work with Wairewa Rūnanga to investigate further options to manage the phosphorus legacy in the lake.

4. Whakaraupō catchment

- Champion a trial to reduce sediment coming from roadside cuttings around the harbour.
- Continue to support the Healthy Harbour Project by investing in biodiversity projects that contribute to healthy catchments and the harbour.

5. Education and communication

- Build on existing initiatives to involve Rūnanga, schools and community groups in the work of the zone committee such as riparian planting and stream monitoring.
- Continue to raise awareness of what we can all do to improve biodiversity, adapt to climate change and value the limited water resources of the Peninsula.
- Continue to provide the community with regular updates on the state of Te Roto o Wairewa and share the latest scientific understanding.

6. Recovery from the Port Hills fire

- Work with landowners to revegetate fire damaged land

**APPENDIX 1**

**BANKS PENINSULA ZONE COMMITTEE – DRAFT WORKSHEET 2017**

MONTH	PROPOSED ZC AGENDA	OTHER
<b>21 FEB</b>	<b>KOUKOURARATA</b> <ul style="list-style-type: none"> <li>• Farm mgt and farm environment plans, biodiversity BPCT, QEII, Immediate Steps</li> <li>• Example of cultural, social, economic and environment - sustainability</li> <li>• Immediate Steps funding application – Diamond Harbour</li> </ul>	
<b>14 MARCH</b>	<b>WHAKARAUPŌ</b> <ul style="list-style-type: none"> <li>• Working of the cmtt</li> <li>• Elections</li> <li>• ECan biodiversity monitoring (Tim D)</li> </ul>	OECD Performance Review <a href="http://www.oecd.org/newzealand/oecd-environmental-performance-reviews-new-zealand-2017-9789264268203-en.htm">http://www.oecd.org/newzealand/oecd-environmental-performance-reviews-new-zealand-2017-9789264268203-en.htm</a>

	<ul style="list-style-type: none"> <li>Immediate Steps funding application – fire affected catchments incl Ohinetahi</li> </ul>	<p>Kim Hill Lincoln Debate <a href="https://youtu.be/fMf7oHAGnkk">https://youtu.be/fMf7oHAGnkk</a></p> <p>Akaroa Waste Water <a href="https://www.ccc.govt.nz/services/wastewater/wastewater-projects/akaroa-wastewater-scheme">https://www.ccc.govt.nz/services/wastewater/wastewater-projects/akaroa-wastewater-scheme</a></p>
<b>18 APRIL</b>	<p><b>WAIREWA</b> <i>Te roto o Wairewa</i></p> <ul style="list-style-type: none"> <li>Update bank stabilisation project</li> <li>Update Health of the Lake</li> <li>Answers to community questions</li> </ul> <p><i>Year ahead</i> <i>Process to Review ZIP</i></p>	<p>6<sup>th</sup> Annual Report to CCC 9<sup>th</sup> Okuti family day 11<sup>th</sup> Little River Rating District 19<sup>th</sup> 3-6pm ZC field trip – Port Hills fire recovery Environment Aotearoa Freshwater update MFE (eta?)</p>
<b>16 MAY</b>	<p><b>WHAKARAUPŌ – ORTON BRADLEY</b></p> <ul style="list-style-type: none"> <li>Update Healthy Harbour – report of technical WG</li> <li>Visit past IS funded project</li> <li>Immediate Steps – Project Report</li> </ul>	<p>ETA Heathy Harbour technical issues report (eta?) 9<sup>th</sup> Landowner mtg Pigeon Bay 10<sup>th</sup> MFE Green Ribbon Award nominations close <a href="http://greenribbonawards.org.nz/">http://greenribbonawards.org.nz/</a> (publicity photo used – planting at Koukourarata)</p>
<b>20 JUNE</b>	<p><b>WAIREWA</b></p> <ul style="list-style-type: none"> <li>??</li> <li>5 Year Outcomes – How are we going??</li> </ul>	<p>16<sup>th</sup> CCC/ECan councillors Water Forum 12<sup>th</sup> Annual Report to ECan 30<sup>th</sup> CWMS Targets report</p>
<b>18 JULY</b>	<p><b>JOINT MEETING WITH CHRISTCHURCH WEST-MELTON ZC ??</b> Location Christchurch (possibly CCC Halswell)</p> <ul style="list-style-type: none"> <li>Update remediation after Port Hill fire</li> <li>Sediment control/biodiversity</li> <li>Update road cutting trial</li> </ul> <p><i>CWMS Targets Report</i></p>	
<b>15 AUGUST</b>	<p><b>WAIREWA</b></p> <ul style="list-style-type: none"> <li>Drinking water</li> <li>Further options to manage phosphorus legacy</li> <li>State of BP waterways report</li> </ul>	
<b>19 SEPT</b>	<p><b>AKAROA – ONUKU</b></p> <ul style="list-style-type: none"> <li>Update waste water</li> <li>Permitted takes</li> </ul>	<p>23 General elections</p>
<b>17 OCT</b>	<b>LE BONS BAY??</b>	

	<ul style="list-style-type: none"> <li>Biodiversity initiatives</li> <li>Farm Environment Plans</li> </ul>	
<b>21 NOV</b>	<b>WHAKARAUPŌ</b>	Heathy Harbour Plan (eta?)
<b>DEC</b>	XMAS bbq	

## **APPENDIX 2**

### **ACTIONS AND CURRENT RESOURCING**

#### **Wairewa**

- Sediment Retention Basin/Wetland - \$1-1.5 million (unfunded)
- Bank stabilisation trial – up to \$60,000
- Plan Change 6 working with landowners on implementation - \$xxx
- Further research/trials - \$xxx (unfunded)

#### **Whakaraupo**

- Catchment mgt plan - \$ 100,000 ECan, \$100,000 LPC per year for 3 years
- Sediment trial - road cuttings - \$10,000 for scoping, trial \$xxx (unfunded?)
- Waste water upgrades \$52 million – underway

#### **Akaroa**

- Waste water upgrades/land disposal \$35 million –ongoing discussions

#### **Okains Bay**

- Investigation of community drinking water supply \$30,000 currently in CCC Draft Annual Plan
- Community water upgrade \$xx (unfunded)

#### **Onuku**

- Community water supply catchment protection \$xx (unfunded)
- Potential for contribution by Immediate Steps biodiversity funding

#### **Biodiversity - Immediate Steps**

- Agency monitoring – Tim's 1pger \$xxx(unfunded)
- Community-led monitoring (unfunded)
- Fire recovery Immediate Steps funding \$35,000
- 2016/17 all Immediate Steps funding allocated

#### **Stormwater Management Plan**

- Provided for in the LTP 2019/20 \$xx million – investigative work underway in 2017

#### **Min Flows – Banks Peninsula Plan Change**

- 4-5 years \$2-3 million (unfunded)

#### **Water Quality/Quantity, Ecosystem health monitoring and investigations**

- \$x00,000s

#### **Consent and Compliance monitoring**

- \$x00,000s

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Labelling Streams in Lyttelton/Mt Herbert Area

## Attachments

There are no attachments to this report.

## Signatories

<b>Author</b>	Warren Brixton - Committee Advisor
<b>Approved By</b>	Warren Brixton - Committee Advisor



## 10. CWMS Target: Recreation and Amenity Opportunities River and Lake Swimming in the Canterbury Region

**Reference:** 17/482655

**Contact:** Dann Olykan

Enter email address

027 7064273

### 1. Purpose of Report

The Regional Water Management Committee's Recreation and Amenity Working Group (RAWG) is seeking feedback from Zone Committees on the rivers and lakes across Canterbury that have been identified as their local freshwater swimming sites in the 'River and Lake Swimming in the Canterbury Region' draft report.

### 2. Staff Recommendations

[That the Banks Peninsula Water Management Zone Joint Committee receive the report.](#)

### 3. Key Points

#### Background

1. The recreation and amenity targets in the Canterbury Water Management Strategy (CWMS) aim to see *"an increase in the percentage of the lake and river sites used for contact recreation that meet recreational water quality guidelines"*, and *"a positive trend in the availability and/or quality of recreational opportunities in each zone"*.
2. Some progress has already been made in quantifying the extent and state of recreational opportunities in Canterbury, including comprehensive reports on jet-boating and kayaking on Canterbury rivers, and data from Fish and Game's annual angling surveys that inform our progress on monitoring.
3. The River and Lake Swimming in the Canterbury Region draft report further builds on understanding the availability, characteristics and quality of recreational opportunities across the region.

#### Action Required

4. The Zone Committee is asked to check the accuracy of the local freshwater river and lake swimming sites identified for their region (Appendix 1) and using local knowledge provide details of any omissions from the list, including the characteristics of the site (refer to the primary attributes in Appendix 2).
5. Feedback is required by early June to enable RAWG to present the final report to the Regional Committee on 13 June 2017.

## Attachments

No.	Title	Page
A <a href="#">↓</a>	Appendix1	25
B <a href="#">↓</a>	Appendix 2	27

## Signatories

<b>Author</b>	Warren Brixton - Committee Advisor
<b>Approved By</b>	Warren Brixton - Committee Advisor







### River and Lake Swimming in the Canterbury Region: Application of the river values assessment system (RiVAS)

The set of primary attributes used, their indicators, and thresholds of importance for assessing freshwater swimming sites in Canterbury are shown in the following table.

Primary attribute	Indicator	Indicator significance thresholds
Level of use	Number of swimmers on a peak use day – separated into categories	0= typically no one 1= <10 (low) 2= 10-20 (medium) 3= >20 (high)
Origin of users	Three categories (other than 'no known users): - Family/ friends - Locals - Tourists	0= no known users 1= family/ friends and locals (low) 2= tourists (medium) 3= locals and tourists (high)
Presence of facilities	Presence/absence of facilities: toilet(s), camping area, BBQ, playground, swimming hole	1=nothing + Other (if not a toilet) (low) 2=toilet only (medium) 3=toilet + other (high)
Public access	Public or private access and type	0= no public access 1=access across private land (low) 2=public walking (medium) 3=public road and walking (high)
Surrounding environment	Perception from a user perspective of surrounding environment. Scores: Low = odour issues and/or significant presence of rubbish and/or highly modified; Moderate = slightly modified; high= high naturalness, biodiverse	1= low/ poor 2= medium/ moderate 3= high/ excellent
Swimming holes	Maximum water depth (m)	1= <2 m (low) 2= 2-3m (medium) 3= >3 m (high)
Variable water depth	Morphological variability	1= Low 2= Medium 3= High
Algae and or weed (aesthetic appeal)	Compliance with national periphyton guidelines: 1= >50%, 2= 25-50%, 3= <25% (maximum coverage)	1= >50% (low) 2= 25-50% (medium) 3= <25% (high)
Blue-green algae: toxic algae	Likelihood of toxic algae present (above 20% coverage) 0= 100% 1= either 2-4 times in 5 year period, or more than 2 months in swimming season (low) 2= either once in every five years, or short bloom affecting >1month of swimming season (medium) 3= never been observed above 20% coverage (high)	0= 0 1= low 2= medium 3= high
Water clarity	Compliance with ANZECC (2000) guidelines: 1: <1.6 m horizontal visibility when river is below median flow (low) 2= 1.6-3.0 m horizontal visibility when river is below median flow (medium) 3= >3.0 m horizontal visibility when river is below median flow (high)	1= low 2= medium 3= high

Primary attribute	Indicator	Indicator significance thresholds
Overall water quality	Combination of science monitoring, EP and survey perceptions leading to: 0= consistently very poor or poor (5/5 years) 1= at least 4/5 years fair 2= consistently fair 3= consistently good or very good	0= very poor 1= low 2= medium 3= high

## 11. 5 Year Outcomes - Advocates Update

Reference: 17/483385

Contact: James Trecker James.tricker@ecan.govt.nz

027 7064273

### 1. Purpose of Report

To provide an opportunity for committee members to provide a progress report on the on the work they have been doing to achieve the Canterbury Water Management Strategy targets in the Banks Peninsula Zone.

### 2. Staff Recommendations

That the Banks Peninsula Water Management Zone Joint Committee:

- **Welcomes** the updates from committee members and celebrates the progress made; ad
- **Reviewed** the current allocation of Outcomes between members and made the following amendments
  - Xxx
  - Xxx
  - Xxx

### 3. Key Points

#### 1. *Access to Safe and reliable drinking water – Pam Richardson*

The Okains Bay community water supply has been identified for a feasibility study in the Annual Plan – supported by ECan in their submission.

#### 2. *Effective flood management in Wairewa catchment – Pam Richardson*

#### 3. *Improved stormwater management and reduced sediment discharges – Paula Smith*

- Roadside Cuttings Revegetation Trials in Lyttelton Harbour Basin.

#### 4. *Operate at GMP – Ian Lloyd*

- T
- The proposed FEP workshop for Port Levy on the 9<sup>th</sup> May was changed to a meeting to discuss including biodiversity into FMP's in line with the District Plan. Pam, Peter, Liv, James, Geoff and I all attended along with approximately 20 farmers from Port Levy and Pigeon Bay. The meeting was lead by CCC and it was agreed to hold a trail FMP/Biodiversity plan workshop (late May early June, date to be confirmed) for Port Levy and Pigeon Bay landowners which will be facilitated by CCC and Beef and Lamb. At least 12 landowners signed up to attend immediately with a few others wanting to think about it.
- Background – Pam Richardson  
For the last two years a number of landowners have been involved with the Replacement District Plan and over recent months involved in a Consent Memorandum to the High Court involving the identification and assessment of significant indigenous vegetation and mechanisms for protection of indigenous biodiversity. Forest and Bird challenged the decision made late last year and a group of landowners have been working with the CCC and Ecan to find an outcome that all the parties could agree to. We want to continue with the collaborative processes that were underway prior to the review of the CCC District Plan. The CCC had begun a sound process working with individual landowners to identify and assist with management of significant areas. Farm Biodiversity Plans with a template developed with landowners agencies and other organisations will outline how properties will manage their significant biodiversity. It will be important to have plans that are well understood / simple living documents identifying what is significant and also providing opportunities for the exclusion of stock - where appropriate including a contestable fund and management across a property. To date there is a willingness by the CCC to continue the process (this is a requirement of the RMA ) but there is little evidence in the Annual / Long Term Plan to any funding being available for the processes required or for any assistance for landowners . A disappointment as some acknowledgement of funding available would show that the CCC was committed to the process and provide some confidence that there was support for landowners. Landowners have been involved with identifying significant biodiversity for almost 30 years now. Meanwhile the remnant 1% has now grown to over 15% regenerating vegetation and we have considerably more areas with stock excluded or managed for the biodiversity values. The CCC is now looking at a different approach working with landowners to identify significant indigenous vegetation across a catchment looking at ways to integrate a range of matters and management across boundaries etc . This is 'a work in progress' and a trial is being suggested in the Port Levy and Pigeon Bay catchments in May. The Zone Committee maybe asked to join at some stage.

---

**5. *The value of biodiversity is recognised in its own right and embraced through Kaitiakitanga – Thomas Kulpe***

- Refer above
-

**6. Support community ownership – Claire Findlay, ZC Chair (Paula Smith)**

**7. Whakaraupō/Lyttelton Harbour Catchment Management – Ian Lloyd, Elizabeth Cunningham, Andrew Turner**

- Refer to Whakaraupō presentation discussion
- Science Advisory Group is in the process of completing their science report.
- Partners Working Group in the process of confirming structure of the plan.

**8. Raise awareness and understanding of climate change –**

**9. Resource consent monitoring is prioritised within the zone – Kevin Simcock**

**10. Other**

*Regional Committee – Thomas Kulpe*

**Attachments**

There are no attachments to this report.

**Signatories**

<b>Author</b>	Warren Brixton - Committee Advisor
<b>Approved By</b>	Warren Brixton - Committee Advisor





## 12. Facilitators Update - 18 April

Reference: 17/482978

Contact: Lesley Woudberg Lesley.woudberg@ecan.govt.nz

027 7064273

### 1. Purpose of Report

To inform the Zone Committee of;

- Report on actions/events/media
- Provide papers for information and as requested

### 1. Staff Recommendations

That the Banks Peninsula Water Management Zone Joint Committee:

**Receives** the Facilitators report

### 2. Key Points

#### a) Events

19 April – Port Hills Field Trip

9 May – Landowner workshop Pigeon Bay

Exploring the idea of a plot project in Port Levy and Pigeon Bay using the concepts of Farm Environment Plans and Farm Biodiversity Plans (Ian Lloyd and CCC and ECan staff).

#### b) Upcoming Events

Event	Audience	Comment – ZIP Rec
Lyttelton Port Company Dredging Hearing – begins 1 May		
ZC update to CCC 25 May	Council	Actions and Outcomes
ZC Annual Reports to ECan 15 June	Council	CWMS ZIP
CWMS Targets Report 30 June	Mayoral Forum Ngāi Tahu Canterbury community	Report on progress toward CWMS targets
Zone Committee Refresh September 2017	CWMS partners Canterbury community	CWMS

**c) News items (attached)**

21 April – Akaroa Mail  
Management coordination wanted for Lake Forsyth

**d) Information Requested (attached)**

- Standard ZC Refresh Process
- Kevin Simcock – alternative ZC refresh process

**c) Papers – For Information (attached)**

- Map of the Port Hill Fire catchments
- Environment Canterbury – submission to CCC Annual Plan

**Attachments**

No.	Title	Page
A <a href="#">↓</a>	Media - Akaroa Mail article	35
B <a href="#">↓</a>	Map of Port Hills Fire Catchments	36
C <a href="#">↓</a>	Alternative ZC Refresh Process	37
D <a href="#">↓</a>	Refresh Process	39
E <a href="#">↓</a>	Annual Plan Submission	46

**Signatories**

<b>Author</b>	Warren Brixton - Committee Advisor
<b>Approved By</b>	Warren Brixton - Committee Advisor



21 Apr 2017  
Akaroa Mail

Section: General News • Page: 1 • Item ID: 764679794

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Page 1 of 2

## Management coordination wanted for Lake Forsyth

**T**here's getting to be a lot of science and data, there is money around, and there are people willing and able – but there is no overall plan to improve the water quality in Lake Forsyth/Wairewa.

At present the bed of the lake is managed by the Wairewa Runanga, the fish and eels come under the Ministry of Primary Industries, the whitebait are the responsibility of the Department of Conservation, the water quality is monitored by Environment Canterbury, activities on the surface of the lake are controlled by the Christchurch City Council and the lake level is managed by the Runanga and the City Council.

And if that isn't enough the CCC-ECan Banks Peninsula Water Management Zone Joint Committee has an over-arching task to monitor and improve all surface waters on Banks Peninsula – including the Lake.

The lake water often contains very high levels of toxins derived from bacteria and algae which thrive and often 'bloom' on nutrients brought down from the hills.

These change dramatically

depending on whether the lake is salty from being open to the sea or full of mainly fresh water from the hills.

A lot of information has been gathered about the science behind the blooms, and there should be enough data to get things going on the lake's management Zone Committee member Kevin Simcock said at Tuesday's meeting of the Committee.

"It is our flagship project and we need to get a handle on what is going on" he said.

"It needs a co-ordinator – is there any reason why we can't form a working group around it?" Zone Committee Member Pam Richardson asked at the meeting in Little River.

The suggestion was favourably received.

"Essentially no, provided the Runanga is a central part of it" Iacan Cranwell from the Wairewa Runanga said.

ECan's Elisabeth Cunningham said that the idea is a very good one, and Committee chair Paula Smith said that there does seem to be a bit of a gap.

Mr Cranwell said that there is possibly not much that can be done to improve the lake's water quality unless the accumulated phosphorous-

rich sediment in the lake bed can be dealt with – and floods such as those last week bring down more.

"We will have had another good dose of sedimentation into the lake" he said.

"The best thing we can do from the Runanga's point of view is to do a lot of work in the catchment here – we've got to stop anything from getting in."

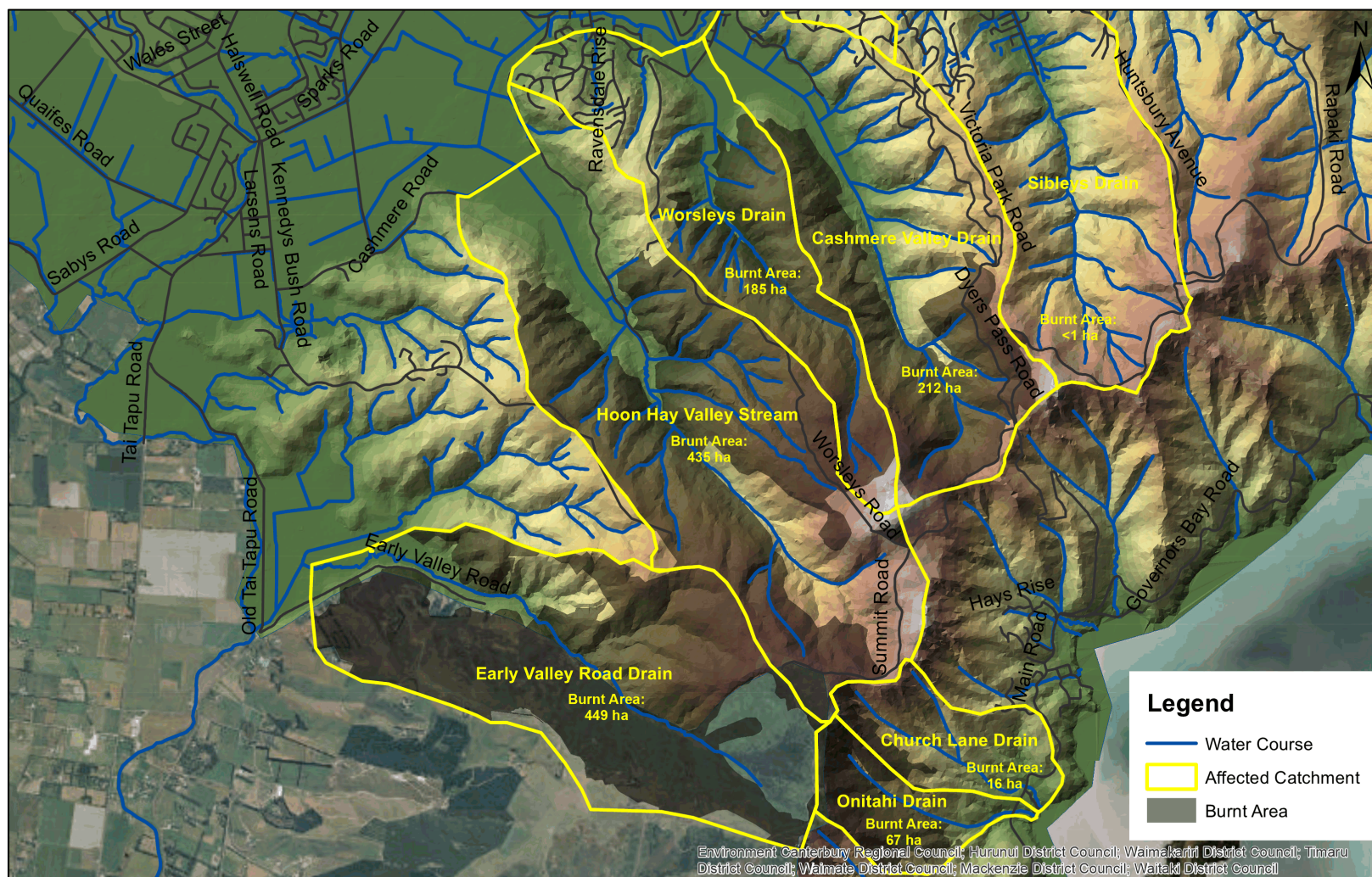
Later in the meeting the Zone Committee approved a plan to spend up to \$60,000 over the next two years in a project to stabilise riverbanks in the Okana and Okuti Valleys to reduce the amount of soil washed downstream into the lake.

The main treatment method will be by planting trees so that their roots stabilise the riverbanks.

Species likely to be used include *pinus radiata*, *macrocarpa*, poplar and some types of willow.

Crack willow is no longer used for this purpose – it is now listed on the Biosecurity NZ register of unwanted organisms.





0 0.5 1 2 Kilometers

Drawn: I Brookland  
Date: 9 March 2017

Port Hills Fire 2017: Burnt Areas in Hydrological Catchments

## Discussion Paper ECAN Zone Committee Refresh Process

15 April, 2014

### Introduction

The current process requires the committee members and new applicants to formally apply for the refresh positions. They are all then required to attend a workshop at which they each present for 5 minutes max to the selection committee, and then work thru 2 scenarios to assess their collaboration and interaction skills. The presentation covers their interest in water, why they want to be on the committee, and the background skills they can bring.

### Discussion

I think that this process is an unnecessary waste of the time for existing committee members. Those members have demonstrated (in a measurable way) their interest in the water issue by attendance at meetings, involvement in the field trips and participation in the workshops and sub committee activities. Their ability to collaborate and interact with the committee has also been demonstrated over 3 years in the real life situation, not in the artificial forum of a “test” situation.

I would be concerned if the assessment group did not include significant representation from those who are already assisting the committee with their day to day work. Hence any comparisons are easily made based on their experiences with the reapplying committee member.

In my case the notification of the process has come with a ZC meeting planned for this Tuesday and the committee test on Wednesday night. The information for the ZC meeting has been late in arriving and is extensive. Frankly I do not have time to prepare. Even more frankly I think that it is a waste of time.

ZC members already put in a huge amount of time to the committee activities. In my eyes a selection process to satisfy bureaucratic process is not a good usage of our time.

The committee selection process for new recruits seems OK, but in my eyes low end. I could not imagine the CEO of Telecom for example being subjected to this process. Surely someone with that pedigree would be a want to have on such a committee. An interview is certainly appropriate. Workshops I find it hard to believe will determine anything more than the best actors.

### **Proposal**

I propose that the BPZC ask ECAN to modify the selection process to :

#### **Returning ZC members**

1. Assess their attendance record at meetings. Set a minimum qualification standard to be exempt the test process.
2. Assess attendance at workshops.
3. Assess involvement in the sub committee activities.
4. Assess involvement in community based activities.
5. Ask for a one page written application outlining why they want to return and what they intend to achieve over the next term.

#### **New or Non qualifying ZC members**

1. Written application as at present. Include references from similar committee or group based activities.
2. Formal interview with the selection panel
3. Review of references from similar committee or group based activities by the selection committee. This would require all references to be phoned and reported on.

### **Selection**

The review committee must consist of a mixture of existing ZC advisors and the necessary outside groups. The existing advisors will report on the contributions by the returning ZC members. The committee can then select the members to be added/retained on the ZC as they see appropriate.

## CWMS committee refreshment: Selection Working Group briefing for BANKS PENINSULA ZONE

### Assessment Workshop

Thank you for your participation in the process to refresh the community membership of the Banks Peninsula Zone Committee.

The Banks Peninsula Zone Committee is one of ten committees tasked with providing advice and facilitating community engagement to deliver the ten targets of the Canterbury Water Management Strategy. The committee is a joint committee of both Christchurch City Council and Environment Canterbury. The Banks Peninsula Zone Committee comprises members of the community plus representatives of the four local rūnanga of Banks Peninsula, Christchurch City Council and Environment Canterbury.

This paper provides

- ☐ A description of the selection process for community members;
- ☐ The selection process leading to the recommendations to Christchurch City Council and Environment Canterbury;
- ☐ Additional information on the workshop itself, and the instructions for workshop participants.

Appendices provide

- ☐ Biographies of current community members on the committee;
- ☐ Terms of reference;
- ☐ Code of Conduct.

If you have any further queries, please contact Lesley Woudberg on 027 706 4273 or [lesley.woudberg@ecan.govt.nz](mailto:lesley.woudberg@ecan.govt.nz)

### Selection process

The selection process includes the following steps:

- a. Applicants complete an Expression of Interest form;
- b. The selection panel develops a shortlist of people to invite to a selection workshop;
- c. Following the workshop the selection panel decides upon its final recommendations to Councils;
- d. Councils approve the new members.

Selection workshop Governors Bay Hotel	16 April 5:30 selection panel arrives  6:30pm applicants arrive
<input type="checkbox"/> Applicants notified if to be nominated to Councils for membership of committee <input type="checkbox"/> Recommendations taken to councils	By 21 April  May/June (depending on council meeting schedules)

### **Selection criteria**

(as specified in the terms of reference):

- ☐ Members come from a range of backgrounds and interests within the community.
- ☐ Selection takes into account the:
  - balance of interests required for the Banks Peninsula Zone;
  - geographic spread of members; and
  - ability of the applicants to work in a collaborative, consensus-seeking manner.



## *Selection workshop*

### 1 Purpose

- ☐ To assess the shortlisted applicants for the Zone Committee.
- ☐ To assess the ability of applicants to work collaboratively and to help develop water management solutions that deliver a coherent package of environmental, cultural, social and economic outcomes.
- ☐ To select those who will be recommended to councils for appointment to the Banks Peninsula Zone Committee.

Please take the opportunity to talk informally with applicants/panel members you do not know.

### 2 Workshop outline

At the workshop

- a. Applicants each make a 5 minute presentation;
- b. Applicants participate in two workshop exercises, providing an opportunity for the Selection Panel to observe their ability to work in collaborative and solution-seeking ways; and
- c. The Selection Panel convenes at the end of the workshop to agree on their recommendations.

### 3 Timetable

5.30pm	Selection panel meets to go over workshop details Light meal provided for panel
6:15pm	Applicants arrive Tea/coffee available Informal meet and greet
6.30pm	Workshop begins  Introduction  Individual 5 min presentations to the panel on: Interest in the zone, water management and what individuals hope to bring to the Committee
7:30pm	1 <sup>st</sup> Group exercise A local community drinking water supply group has come to the Zone Committee asking for assistance. How will the Committee respond?
8:00pm	2 <sup>nd</sup> Group exercise The Zone Committee wants to encourage a network of patches and corridors of native biodiversity in the Zone. How will the Zone Committee work with the community and landowners to achieve this?

8.30 pm	Questions and outline of next steps
8.45pm	Workshop finishes
8.45pm	Selection panel reviews observations, and deliberates on recommendations.

### Assessments by the Selection Panel

#### *a. Assessment to be done during applicant presentations:*

Selection panel members record their assessment of what the applicant would bring to the Committee.

#### *b. Assessments to be done during small-group sessions:*

The selection panel is required to observe and assess the applicants' ability to work collaboratively, listen to others and take an approach that delivers on the environmental, cultural, social and economic outcomes of the Canterbury Water Management Strategy. Panel members record on the sheet provided the behaviours observed (see examples) and any other comments that support their assessment on the applicant's ability to:

1. Listen respectfully;
2. Engage constructively with different views;
3. Facilitate the involvement of others in the discussion;
4. Help the group to build collaboration;
5. Help the group to reach solutions.

### Tools to assess the skills we are looking for:

Ability being assessed	Examples of good behaviour	Examples of bad behaviour
listen respectfully	Hears people out (doesn't interrupt); Positive body language that encourages the speaker; Listens well so they respond to what is said; Seeks clarification to ensure they have understood what speaker is saying/meaning; Establishes (or attempts to establish) rapport with other participants.	Interrupts or talks over a speaker; Disruptive behaviour (e.g. being loud, moving around); Negative body language that discourages the speaker; Responds to what they think was said (not what was actually said); Does not attempt or is unable to establish rapport with other participants.
engage constructively with different views	Acknowledges and seeks to understand other's views & values; Constructively argues their point of view when there is disagreement.	Is disrespectful, dismissive or belittling of other's views and values; Strongly defends own position without any consideration of others' positions; Avoids (all) conflict (i.e. backs off from position when there is disagreement).

facilitate the involvement of others in the discussion	Notifies who in the group is not participating and asks what they think.	Is unaware that some people are not contributing; Is only interested in getting his/her own points across; Seeks to control the discussion.
help the group to build collaboration	Encourages all participants to identify what outcome/solution they want; Summarises what has been said; Clarifies where there may be misunderstandings; Identifies areas where there is agreement/disagreement; Checks that those with different views are comfortable with where the discussion is heading.	
help the group to reach solutions	Helps participants reach agreement on outcomes; Identifies key questions or knowledge required needed to reach a decision; Identifies key assumptions people are making and gets these discussed; Is positive about achieving a solution; Suggests ways of achieving “win-win” solutions.	Is only interested in achieving their outcome and not concerned if this compromises other outcomes; Is only interested in control/power or their own solution rather than a solution that satisfies all of the group; Is negative about getting a solution that delivers all of the outcomes that all of the participants want.

### Instructions to shortlisted candidates

Notes: The Canterbury Water Management Strategy targets cover ecosystem health/biodiversity, natural character of braided rivers, kaitiakitanga, drinking water, recreational and amenity opportunities, water-use efficiency, irrigated land area, energy security and efficiency, and regional and national economies.

Participants should introduce themselves at the start of their presentation and indicate their interest in water management.

Presentations will be stopped at five minutes.

A data projector and laptop will be available (bring presentation on Memory Stick/USB drive). *It is not necessary to use a PowerPoint presentation.*

## Appendix: Biographies of current members

### Pam Richardson

Pam is a sheep and beef farmer from Pigeon Bay who is actively involved in many Banks Peninsula community groups and networks. Pam is on the Akaroa-Wairewa Community Board, co-chairs the Akaroa Harbour Issues Working Party and has been on the management committee of the Banks Peninsula Conservation Trust since it started. Pam has also been very actively involved in Federated Farmers and was the North Canterbury President 2000-04. Pam is also currently involved in the Southern Bays Farm Discussion Group, Banks Peninsula Farms Ltd., and Banks Peninsula Pest Liaison Committee. Pam is also a recipient of the insignia of a Member of the New Zealand Order of Merit for Services to the Community and Conservation.

### Steve Lowndes

Steve has lived, worked and travelled in many different countries around the globe, and for the last 35 years he has lived on Banks Peninsula at Poranui/Birdlings Flat beside the roto o Wairewa.

His professional background includes Local Government and museum directorship, and he has extensive board experience in the areas of health, culture and the environment.

Steve has chaired the Museums Association of New Zealand, the Canterbury Rural Primary Health Organisation, and the Canterbury Aoraki Conservation Board. He currently chairs Arts On Tour New Zealand and the Akaroa Civic Trust.

### Richard Simpson

Richard lives and farms at Fishermans Bay on Banks Peninsula and has a dairy farm in the Selwyn District. Richard and his wife purchased the Fishermans Bay property in the late 1990s and have covenanted significant areas of native bush in the property. Richard has been on the Management Committee of the Banks Peninsula Conservation Trust since its inception in 2001. He also has past involvement with Federated Farmers and was a Director of Dairy Company, Meadow Fresh.

### Kevin Simcock

Kevin is a consulting engineer who is involved in the Akaroa Waste Water Working Party and Duveauchelle Waste Water Working Party. He lives in Christchurch and has a holiday home at Takamatua in Akaroa Harbour. He chairs the Takamatua Residents Association.

### Iaeon Cranwell (Kāti Irakehu, Kāti Kuri, Kāti Makō)

Iaeon lives in Ōtautahi with his partner and two children.

He works for Takuahi Research & Development Ltd, the research company for Wairewa Marae involved in the restoration of Te Roto o Wairewa and its surrounding takiwā (area).

He is currently the Chair of Mahaanui Kurataiao Ltd, the Manawhenua Environmental Service representing the six marae on Banks Peninsula and Christchurch.

Iaeān and his whānau enjoy spending time on the lake, either paddling, or catching tuna, mata and pūtakitaki.

#### **June Swindells (Te Hapu o Ngati Wheke)**

June has lived at Rapaki, under the shadow of Te Poho o Tamatea, for most of her life. For the last decade her work has focussed on health and she is currently working for Nga Maata Waka to deliver a support service for mothers and children in conjunction with the CDHB. June has interests in health, education, the welfare of Maori, and environmental issues. She belongs to many community organisations relating to these interests.

#### **Riki Lewis (Te Rūnanga o Koukourarata)**

Riki lives in Koukourarata where his family is from and keeps busy around the Bays doing various jobs for all and sundry. His early years were in wholesale and retail sales and administration, and both electrical and curtain manufacturing. Until his recent retirement he worked for 18 years in the printing trade, operating offset web presses.

#### **Pere Tainui (Te Rūnanga o Ōnuku)**

Pere was born and bred in Akaroa where he spent many years fishing and eeling. He is a Ōnuku Marae board member and has worked as a mental health support worker for the last six years. Pere has been involved with sport in Banks Peninsula and has an interest in the environment, especially preserving native bush.

#### **Donald Couch**

Donald Couch is Pro-Chancellor of Lincoln University, a member of the Lincoln University Council, trustee of the Ngai Tahu Ancillary Claims Trust, as well as an Environment Canterbury Commissioner. He has a long history in resource management both here and in Canada and has held elected positions on both regional and city councils in Canada and was until recently Deputy Kaiwhakahaere, Te Runanga o Ngāi Tahu.

#### **Andrew Turner**

Andrew is the Christchurch City Councillor for the Banks Peninsula ward. He is a Director of the Canterbury Development Corporation and the Deputy Chair of the Council's finance committee.

Andrew is also very involved in the community. He is a Trustee of the Lyttelton Harbour Information Centre Trust and the Lyttelton Returned Services Association Trust, as well as past Chair and board member of the Lyttelton Harbour Business Association.

28 April 2017

Karleen Edwards  
Chief Executive  
Annual Plan 2017/18  
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Dear Karleen

**Annual Plan 2017 – 2018, Environment Canterbury Submission**

Thank you for the opportunity to make a submission on your draft Annual Plan 2017 - 2018. We would like to comment on the following activities.

**Mayoral Forum**

We acknowledge and appreciate the Council's continuing collaboration with Environment Canterbury and other Canterbury councils in regional forums, the Canterbury Water Management Strategy, and the development and implementation of the Canterbury Regional Economic Development Strategy. We note in particular the leadership Mayor Lianne Dalziel is providing as chair of the Mayoral Forum, your own contribution to the work of the Chief Executives Forum, and the engagement of council staff in other regional forums and working groups.

**Urban Development Strategy**

In this post earthquake period Environment Canterbury very much appreciates Christchurch City Council's leadership and engagement in the Urban Development Strategy. We look forward to working together over the next year on a refresh of the UDS vision and direction.

**Councillors Water Forum**

Water is a high priority for both councils. In the last year our combined councillor Water Forum meetings have helped councillors develop a better collective understanding of the water resources of Christchurch. Environment Canterbury looks forward to further Water Forums and working in partnership with CCC to manage water resources.

**Canterbury Water Management Strategy**

Environment Canterbury thanks the Christchurch City Council for its on-going governance and leadership role and support in the Canterbury Water Management Strategy (CWMS), in particular its support for the Christchurch West Melton, Banks Peninsula, and Selwyn Waihora Zone Committees.

One of the CWMS targets, drinking water, has received heightened attention after contamination of the supply in Havelock North. Environment Canterbury supports the efforts of Christchurch City Council in its attempts to bring forward work to address potential contamination issues of shallow bores in North West Christchurch. Environment Canterbury also supports the provision for an investigation into options to improve the security of drinking water in Okains Bay.

Our ref:  
Your ref:  
Contact:



The Port Hills fire is likely to have a significant effect on ecosystem health and biodiversity of the Ōpāwaho/Heathcote River and Ohinetahi (another CWMS target). Environment Canterbury supports the Fire Recovery programme and both the Christchurch West Melton and Banks Peninsula Zone Committees have prioritised their biodiversity fund to the remediation of fire affected catchments. Environment Canterbury encourages Christchurch City Council to bring forward proposed infrastructure upgrades, particularly in the Cashmere catchment, to intercept the increase in sediment runoff expected.

#### **Waste Water**

We note the efforts Christchurch City Council has made over recent months to find an acceptable option for the land disposal of Akaroa's treated waste water. We commend the effort the Council is making to work with Ngāi Tahu and the community to find suitable solutions and urge the Council to continue to make this work one of its priorities.

#### **Stormwater**

Environment Canterbury notes works to be carried out on stormwater projects and suggests that any stormwater renewals incorporate features to reduce sediment loss, reduce water quality degradation and to smooth runoff flows where such measures are effective and affordable. Any time available before implementation of such measures could be used to communicate with landowners and to gather evidence (estimates of rainfall intensity, information on the effectiveness of existing structure and practices, effectiveness of behaviour change by landowners) to inform future investments.

#### **Proposed Capital Programme, Activity ID 989 "Natural Waterways (New)"**

Environment Canterbury is very concerned that the proposal is to reduce funding for this activity to zero in the coming year (2017/18) and reduce funding from that previously signalled for 2018/19 and 2019/20.

This fund supports community initiatives to improve the health of the waterways of Christchurch for all to enjoy. The community has consistently rated water quality in the rivers streams and wetlands of Christchurch as one of their highest priorities (ref. Community Needs Assessment Survey for Regeneration of the Ōtākaro/Avon River Corridor 2017) and have demonstrated their willingness to work with the council to improve their health (i.e. 2016 Mother of all Clean Ups 1,300 citizens participated, Whaka Inaka project 16 schools participated). The community however needs support. In particular we are concerned that proposed projects on public and private land to reduce erosion and sediment deposition in the fire ravaged upper tributaries of Cashmere Stream would not be undertaken. We are also concerned that the Lower Heathcote Riparian Enhancement, a natural progression from the 2017 bank cutting trial and recent inanga spawning surveys, would not proceed.

Environment Canterbury strongly advocates for the funding to be reinstated to that originally planned (i.e. \$326,000 per annum for three years).

#### **Te Waihora Co-Governance**

Environment Canterbury welcomes Christchurch City Council as a party to the Te Waihora Co-Governance arrangements and looks forward to working with Council through the Long Term Plan to advance the agreed shared vision and objectives for Te Waihora and its catchment.

#### **Transport Programme**

Environment Canterbury looks forward to working in partnership with the Christchurch City Council on delivery of their transport programme over the next year.

Our ref:  
Your ref:  
Contact:

The recent establishment of our Greater Christchurch Joint Public Transport Committee will see a more coordinated approach to delivery of public transport services and infrastructure in the city. Environment Canterbury and City Council staff and decision-makers will be working together to ensure public transport delivers on outcomes best for residents of the city, and for Canterbury. We look forward to having the Joint Committee involved more closely with public transport expenditure decisions for future annual and long term plans as the Joint Committee relationships evolve.

#### **Civil Defence Emergency Management**

In relation to proposed changes in co-ordinating civil defence readiness, response and recovery, we are supportive of utilising staff time most efficiently, provided staff capability is maintained and additional activations (or training) are undertaken if significant staff turnover occurs.

We note that your plan includes “readiness, response and recovery” but not reduction. Council has a statutory role to “identify and implement cost-effective risk reduction” and we suggest consideration is given to expanding this service to include reduction when reviewing the Long term Plan.

#### **Tangata Whenua engagement**

Environment Canterbury is aware that the Council has recently employed staff to support their engagement with the six Papatipu Rūnanga in the Council area, has a new governance group in place, as well as continuing to contract Mahaanui Kurataiao and Te Ope Matapopore to assist them with advice. It would be helpful to see this positive work reflected in the Council's annual plan.

We wish to be heard in support of our submission. In the meantime, If you have any queries in relation to our submission, please contact David Perenara O'Connell, Programme Manager, on 021 310 765.

Yours sincerely

**Bill Bayfield**  
Chief Executive

Our ref:  
Your ref:  
Contact: