
Banks Peninsula Water Management Zone Joint Committee AGENDA

Notice of Meeting:

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

Date: Tuesday 21 August 2018
Time: 4pm
Venue: Birdlings Flat Community Centre, 157 Poranui Beach Road,
Birdlings Flat

Membership

Members

Gina Waibl - Community Representative
Ian Lloyd - Community Representative
Garrick Thorn - Community Representative
Fiona Nicol - Community Representative
Paula Smith - Community Representative
Pam Richardson - Community Representative
Andrew Turner - Deputy Mayor Christchurch City Council
Elizabeth Cunningham - Councillor Environment Canterbury
Manaia Cunningham - Te Runanga o Koukourarata
Benita Wakefield - Te Runanga o Wairewa
Pere Tainui - Te Runanga o Onuku
June Swindells - Te Hapū o Ngāti Wheke/Rapaki

15 August 2018

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

Zone Facilitator
Olivia Smith
Zone Facilitator
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Committee Advisor
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1. Apologies

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

2. Confirmation of Previous Minutes

That the minutes of the Banks Peninsula Water Management Zone Joint Committee meeting held on [Tuesday, 17 July 2018](#) 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

Banks Peninsula Water Management Zone Joint Committee OPEN MINUTES

Date: Tuesday 17 July 2018
Time: 4pm
Venue: Lyttelton Community Board, 25 Canterbury Street,
Lyttelton

Present

Chairperson	Paula Smith - Community Representative
Members	Gina Waibl - Community Representative
	Ian Lloyd - Community Representative
	Garrick Thorn - Community Representative
	Fiona Nicol - Community Representative
	Andrew Turner - Deputy Mayor Christchurch City Council
	Elizabeth Cunningham - Councillor Environment Canterbury
	Manaia Cunningham - Te Rūnanga o Koukourarata
	Benita Wakefield - Te Rūnanga o Wairewa
	Pere Tainui - Te Rūnanga o Ōnuku
	June Swindells - Te Hapū o Ngāti Wheke/Rapaki

23 July 2018

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www.ecan.govt.nz/news-and-notice/minutes/Pages/Default.aspx

The meeting opened with a karakia led by Manaia Cunningham.

The agenda was dealt with in the following order.

1. Apologies

Committee Decision

That an apology from Pam Richardson be accepted. The Committee extended its condolences to Pam, for the loss of a family member.

2. Confirmation of Previous Minutes

Committee Decision

It was decided that the minutes of the Banks Peninsula Water Management Zone Joint Committee meeting held on Tuesday, 19 June 2018, as circulated be confirmed, subject to the following amendments:

Deputations by Appointment – Living Springs Trust.

Remove the words “such as young members of the army” from the second paragraph.

Identification of General Public Contributions – Forestry

Change spelling of surname from Bolton to Belton.

Banks Peninsula Zone Committee Implementation Plan – Next Steps

Add “to incorporate relevant aspects of the 5-year plan” to the first sentence.

3. Matters Arising from the Minutes

Nil.

4. Deputations by Appointment

There were no deputations by appointment.

5. Identification of Urgent Items

Nil.

6. Identification of General Public Contributions

Nil.

8. Research on Banks Peninsula Streams

Committee Comment

The report was taken as read.

Sam Hampton, University of Canterbury, provided a Power Point presentation, to illustrate the key points of his research:

- The typical volcanic sequence found on the Banks Peninsula influences the expression of spring formations.
- Over 8100 springs were identified on Banks Peninsula. It was noted that many of these appear as seepages as opposed to what people typically consider as springs.
- Spring waters are derived from precipitation and relative rainfall influences flow from springs. There is also a relationship between forested cover in recharge areas and the rate and consistency of flow in springs.
- Spring recharge zones when overlaid with a typical catchment outline do not align, and highlight the necessity for spring specific guidelines when utilising springs as a potable water source, and have important implications for future land use and water management
- Residence time within the reservoir perched water system is dependent on the individual system and range from <5 years to up to 25 years.

An opportunity was provided for committee members and the public to ask questions of the presenter. A discussion took place with committee members around how best to proceed with the information provided. It was acknowledged that the research provides helpful information about springs on Banks Peninsula and that it should be considered in discussions about the disposal of Akaroa wastewater. It was also acknowledged that it is important that communities are involved in discussions about safe drinking water.

Committee Decision

The Banks Peninsula Water Management Zone Joint Committee decided to:

1. consider the implications of key research findings on the management of springs
2. recommend the Christchurch City Council provide Sam Hampton with an opportunity to evaluate the Akaroa Waste Water Scheme deep well injection test results
3. receive an update on the Okains Bay drinking water supply scheme from the relevant Christchurch City Council staff.

10. Student Fish Passage

Committee Comment

Megan Brown (ECan summer student) and Shaun Burkett (ECan Regional Biodiversity Lead) introduced a fish passage project that was completed over the 2017/2018 summer. Megan explained the work she undertook as a summer student including:

- Project 1 -Fish barrier data collection and 'App' trial. This involved trialling an 'App' developed by NIWA specifically designed for collecting information about fish passage barriers. The 'App' is being developed further in response to the feedback from the trial. It is intended that it will be used by Regional Councils throughout New Zealand.
- Project 2 – Megan worked with the Biodiversity Officer to install inanga spawning site signs on private property on the Banks Peninsula.

- Project 3 – Create a fish passage fact sheet for farmers. This is yet to published however the key messages from the draft will be integrated into the Banks Peninsula fish passage ‘info card’ being created by zone committee members.

Committee members congratulated Megan on her work. Shaun advised that a new staff member will be working on the fish passage programme and will be keep the Committee up-to-date with any developments.

Committee Decision

The Banks Peninsula Water Management Zone Joint Committee decided to:

1. Receive Megan Brown’s (ECan summer student) report on a fish passage project 2017/18.

A dinner break was taken from 6.10pm to 6.40pm.

7. Facilitator’s Update - 17 July 2018

Committee Comment

The report was taken as read.

Matters Arising:

- i. Farm Environment Plan Workshop – Ian Lloyd advised that there had been a good turn out by landowners at the Farm Environment Plan workshop held in Whakaraupō. It was noted that follow-ups were needed, and Gina Waibl suggested that it would be useful for landowners to revisit and update their plans in a few years’ time. To date, about 40-50 Farm Environment Plans have been completed on Banks Peninsula and Ian suggested that it would be useful to map these. Beef and Lamb are motivated to support future workshops and further work needs to go into thinking about how to best integrate biodiversity and Mahinga Kai. Another Farm Environment Plan workshop will be held in Okains Bay later in the year. Committee members thanked Ian for his huge effort in coordinating the workshop and the efforts of Pam Richardson and Manaia Cunningham were also acknowledged.
- ii. CWMS Fit for Future Project – In June, the committee recommended that a Zone Committee representative be included on a task group. In response to this, ECan has invited Fiona Nicol to participate in a task group as the Regional Committee representative for the Banks Peninsula Zone Committee.
- iii. Soil Mapping Project – A communications plan is being created for phase 2 of the soil mapping project.
- iv. Whakaraupo Catchment Management Plan Update –The Project Manager/Co-ordinator role is yet to be advertised. Ian mentioned that a meeting was held two weeks prior regarding involvement of schools in Whakaraupo Catchment Management Plan. Gillian Jenkins (Zone

Lead) advised that the ECan Compliance staff are focused on monitoring several projects in Whakaraupō including:

- Lyttelton Harbour dredging
- Waste Waterpipe line between Lyttelton and Governors Bay
- Hill Road/ Sumner Road rebuild

v. Communications- Soapbox – Gina Waibl volunteered to write the next issue.

Committee Decision

That the Banks Peninsula Water Management Zone Joint Committee:

1. Receive the Facilitator's report.

9. Immediate Steps Biodiversity Fund

Committee Comment

The Committee discussed the report's recommendations. A question was raised regarding landowner contributions to IMS projects as it was noted that many projects have a significant contribution from the Christchurch City Council. The Committee agreed that it is important that all landowners have an opportunity to access the fund and acknowledged that landowners working with Banks Peninsula Conservation Trust and QEII are provided with support with developing their applications.

A suggestion was made that further input and consideration be given to the cultural values of proposed projects. In future, sufficient time will be allowed to ensure that all rūnanga representatives can contribute to this in advance of the Zone Committee workshop.

Staff Recommendations

That the Banks Peninsula Water Management Zone Joint Committee:

- Note that two projects at Orton Bradley Park have been funded with the remaining funding from the 2017/2018 fund.
- Recommend that one funding round is undertaken each year and projects are brought to the zone committee for decision in April/May each year.
- Recommend that the zone committee have a workshop each year to consider the projects and discuss how the projects align with the additional criteria (4) identified by zone committee members.
- Recommend that the zone committee support the 6 Immediate Steps project applications with the 2018/2019 fund.

Committee Decision

That the Banks Peninsula Water Management Zone Joint Committee:

- Endorses the two projects at Orton Bradley Park have been funded with the remaining funding from the 2017/2018 fund.
- Recommend that one funding round is undertaken each year and projects are brought to the Zone Committee for decision in April/May each year.
- Recommend that the Zone Committee have a workshop each year to consider the projects and discuss how the projects align with the additional criteria (4) identified by Zone Committee members.
- Recommend that the Zone Committee support the 6 Immediate Steps project applications with the 2018/2019 fund.
- Agree that ECan staff proceed with developing the application for the Okuti Catchment stream fencing project.

The meeting closed with a karakia.

Meeting concluded at 7.20pm.

CONFIRMED THIS 21ST DAY OF AUGUST 2018

7. Facilitator's Report - 21 August 2018

Reference: 18/842915

Presenter(s): Olivia Smith Zone Facilitator

1. Purpose of Report

- 1.1 The purpose of this report is for the Banks Peninsula Water Management Zone Joint Committee to report on community engagement events/relevant updates and actions from previous meetings.

2. Staff Recommendations

That the Banks Peninsula Water Management Zone Joint Committee:

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

3. Report

1. RECENT EVENTS

Event	Target Audience
Briefing on Zone Committee activities to Ecan Councillors and Lyttelton Port Company 16 th August	Ecan Councillors and Lyttelton Port Company Staff. Paula and Pam attended Briefing.

2. UPCOMING EVENTS

Event	Target Audience
International Erosion Control Association (IECA) Australasia and New Zealand Institute of Highway Technology (NZIHT) Conference 28 th -31 st August Chateau on the Park, Christchurch NZ	Conference attendees. Public Field day on 28 th August, 12pm, Redzone- refer to attached poster
Zone Committee Update to Christchurch City Council 6 th September, 11am CCC Council chambers	CCC councillors Paula and Pam to attend
Public presentation on Tsunami Risk on Banks Peninsula 10 September, 3.00 pm, Lyttelton Boardroom.	Community Board members, ZC members and public.
Nature Agents- Stream monitoring	Zone Committee members are very welcome to attend and lend a hand. If you could like to go along, please

1. September 21st - Lyttelton School at Morgans Gully Stream	contact Kirsty (EOS Ecology first) and she will provide you with the site information etc.
2. October 24th - Little River at Okana River	
3. November 21st - Diamond Harbour School at Te Wharau Stream in Orton Bradley	

3. ACTIONS- UPDATE ON MATTERS RAISED AT PREVIOUS MEETINGS

Matter	Update
ZC Communications	<p><i>Soap Box</i>- Gina has completed item which is now due to go to print .</p> <p><i>BP Stream Cards</i>- Content and photos are now with Peter Kingsbury. CCC and ECan comms staff to work on design.</p>
Okain's Bay Drinking Water	Mike Bourke (CCC) will attend the September Zone Committee meeting to provide an update on Okains Bay Drinking Water Supply.
Sam Hampton Spring Research	<p>Recommendation has been referred to CCC re opportunity to evaluate deep bore injection results</p> <p>ECan now have Sam research data.</p>
IMS Project Summary for fencing project in Okuti Catchment	Biodiversity officer, Helen Greenep, returns from leave later this month. She will develop project summary and include in the Sept or Oct meeting agenda for committee approval.
Whakaraupo Catchment Management Plan	Verbal update at meeting.
CWMS Fit for Future Project	Task groups have been meeting to develop draft goals. In October the Zone Committee will be asked to provide feedback on some draft goals. This feedback will then be considered by the Regional Committee and will ultimately inform the new 2025, 2030 targets.

4. **Future Zone Committee Items**

5.

BPCT Fieldtrip	I have enquired about the possibility of a fieldtrip to the Wildside in Sept.
Water Quality, Ecosystem Health and State of Lake 2017/2018 Updates- September	The 2017/2018 results are now available and science staff are keen to present these results to the committee in August.

Item 7

Attachments

No.	Title	Page
A ↓	Erosion & Sediment Control Field Day Flyer 28 August	14

Erosion and Sediment Control

FIELD DAY

28 August, 12pm

**In the Red Zone just off Bexley Rd.
(see map on reverse)**

If you work in

- civil construction
- building construction
- land development

this FREE event is for you!



Join us and learn from the experts about the right tools to use for erosion and sediment control. Don't miss out on:

- Up to date advice on good practice
- Interactive events to learn how to install controls correctly
- BBQ lunch available for participants
- Spot prizes for attendees

Environment Canterbury will demonstrate good ESC practice on a small construction site along with stalls from sponsors.

FREE with the proud support of:



In conjunction with the: **IECA** 
International Erosion Control Association
AUSTRALASIA

More information:

Nathan Dougherty:
027 224 7165
www.ecan.govt.nz
www.esccanterbury.co.nz
www.bpg.co.nz



E18/6837

8. Update on Significant Ecological Sites Programme and Christchurch City Council Biodiversity Fund

Reference: 18/843039

Presenter(s): Laura Molles

1. Purpose of Report

- 1.1 The purpose of this report is for the Banks Peninsula Water Management Zone Joint Committee to be updated on the Significant Ecological Sites (SES) programme and the Christchurch City Council Biodiversity Fund.

2. Staff Recommendations

That the Banks Peninsula Water Management Zone Joint Committee:

1. Receive the update
2. Help increase awareness among Banks Peninsula landowners about the availability of the fund.

3. Report

1. Background

The Canterbury Regional Policy Statement 2013 (prepared by the regional council) requires the Christchurch City Council to identify areas of significant indigenous vegetation and significant habitat of indigenous fauna. The Christchurch City Council have undertaken a process to identify these areas and refer to these as Significance Ecological Sites (commonly referred to SES's). To identify these sites, a Council ecologist undertakes a site assessment using a set of criteria which help to determine significance including: representativeness, rarity or distinctive features, diversity and pattern, and ecological context.

Many SES's have been included in schedules in the District Plan - Schedule A and Schedule B. Schedule A includes sites identified on public land and, following collaboration, where private landowners have agreed to the inclusion of the site on the schedule. Schedule B includes ecological sites on private land that require further collaboration with landowners. It is intended that as this collaborative process is completed sites will be added to Schedule A by way of plan change.

The District Plan includes policies and rules which aim to protect SES's. This includes rules for activities such as vegetation clearance, earthworks and waterway setbacks. The rules that specifically relate to SES's only apply to areas listed in Schedule A.

To assist landowners with protecting SES's, the Council have established a contestable biodiversity fund of \$200,000 per year. To be awarded funding a project must meet all of the following criteria:

- achieve positive biodiversity outcomes; and
- be on private land, or on land which is defined under the Te Ture Whenua Māori Act 1993 as customary land; and
- be identified as a Site of Ecological Significance (SES) on Schedule A or B of the Christchurch City District Plan, or meet the criteria for an SES within the Christchurch City District Plan and have an agreed site of ecological significance statement; and
- have a management plan.

The fund is contestable, and applications are prioritised by the following criteria:

- protection of threatened and locally rare ecosystems e.g. wetlands, dunes, cliffs, old growth forest
- protection of threatened or locally rare species
- have a covenant registered on the title of the land (or be entered into as part of the funding application)
- catchment scale to ensure connectivity between land, freshwater and the coast
- ability to provide other benefits e.g. school and community engagement, public accessibility.

2. REPORT

In 2018/2018 financial year, eight projects on Banks Peninsula were awarded funding through the CCC biodiversity fund. These projects include Okuti River, Wainui Stream, Armstrong Stream/Mabel Hope Reserve, French Peak, Duvauchelle Peak and Paua Bay, Living Springs and Orton Bradley Park. Several of these projects are stream based and have also received funding from the Immediate Steps Biodiversity Fund.

Laura Molles (CCC Ecologist) will attend the zone committee meeting and provide an update the proposed SES's work programme for the upcoming year. This is an opportunity to discuss how the Zone Committee and CCC can work together to ensure the FEP programme, SES programme and biodiversity funds are co-ordinated and complement each other.

Attachments

There are no attachments to this report.

9. Zone Committee Communications

Reference: 18/843538

Presenter(s): Tania Butterfield

1. Purpose of Report

- 1.1 The purpose of this report is for the Banks Peninsula Water Management Zone Joint Committee to discuss opportunities for Zone Committee communications to help implement the Zone Implementation Plan (ZIP).

2. Staff Recommendations

That the Banks Peninsula Water Management Zone Joint Committee:

1. [Receive the overview on Social Media 101.](#)
2. [Provide ideas on targeted communications about the regular maintenance of onsite wastewater systems and a summer water efficiency campaign.](#)
3. [Endorse the draft Zone Committee Communications Plan.](#)

3. Report

Effective communication with the Banks Peninsula community is critical for helping deliver some of the recommendations in Banks Peninsula Zone Implementation Plan (ZIP).

The Zone Committee can play a lead role in communicating information to help educate and drive behaviour change amongst the Banks Peninsula community. Zone committee members currently have turns at doing a monthly 'soap box' item which helps improve public awareness about the membership and role of the committee along with topical issues and actions.

There is an opportunity to also implement targeted communications strategies to drive behaviour change for specific issues such as the regular maintenance of onsite wastewater systems and the need to efficiency use water, particularly in summer.

To develop these strategies, it is important to think about:

- what are key messages you are trying to get across to people?
- what communication channels will your target audience be using?
- who are the best trusted 'voices' to communicate the message?

It is important to consider how your target audience currently get their information and news. According to a recent study, New Zealanders are now spending around half of their media consumption time online and two-thirds of New Zealand internet users visit social media every day. It is important that this is considered when developing communication strategies.

Tania Butterfield (Communications Advisor who specialises in social media) will attend the committee meeting to have a discussion with committee members about social media and ideas for implementing the

draft communications plan. In advance of the meeting it would be useful if zone committee members could specifically brainstorm ideas for the following:

1. **Effective ways to encourage Banks Peninsula landowners to regularly maintain their onsite wastewater system.**

Think about how you communicate with bach owners who are only there for short amounts of time? How do you ensure people don't just forget? How do you get people to actually care/think it is important?

2. **What would an engaging summer water efficiency campaign look like in Banks Peninsula?**

Think about what would be involved? What would drive people to make changes in their household? How could it be fun, engaging, challenging?

Attachments

No.	Title	Page
A ↓	Draft Zone Committee Communications Plan (August-December)	21

BANKS PENINSULA ZONE COMMITTEE

DRAFT ZONE COMMITTEE COMMUNICATIONS PLAN (AUGUST - DECEMBER)

SOAP BOX – Zone Committee members writing an opinion piece on a topic of interest/relevance to zone committee. This is to be published in local papers and shared on social media.

SNAPSHOTS- Zone Committee members take photos and a short caption of actions/ideas to celebrate and inspire action and education on Banks Peninsula.

PUBLIC INTEREST ZONE COMMITTEE MEETINGS- A zone committee meeting that is specifically advertised (in papers, online, social media) profiling a key agenda item(s) likely to be of significant public interest.

TARGETED COMMUNICATIONS – Specific communications to drive behavior change to help deliver ZIP outcomes.

August	September	October	November	December
SOAP BOX - Research on Banks Peninsula Springs (Gina)	SOAP BOX- IMS + fieldtrip?	SOAP BOX – topic/ZC member	SOAP BOX – topic/ZC member	SOAP BOX – topic/ZC member
	SOCIAL MEDIA SNAPSHOTS	SOCIAL MEDIA SNAPSHOTS	SOCIAL MEDIA SNAPSHOTS	SOCIAL MEDIA SNAPSHOTS
	PUBLIC INTEREST ZONE COMMITTEE MEETING- - AKAROA -Sharing information about the state of our waterways -Okain’s Bay Drinking Water Supply		PUBLIC INTEREST ZONE COMMITTEE MEETING- Potentially something around water efficiency?	
TARGETED COMMUNICATIONS ONSITE WASTEWATER SYSTEM MAINTENANCE- Brainstorm effective ways to communicate this. WATER EFFICIENCY - Brainstorm creative ideas about how we could make a water efficiency campaign more engaging. STREAM CARDS- Draft text and photos for stream cards to Peter Kingsbury.	TARGETED COMMUNICATIONS	TARGETED COMMUNICATIONS FORESTRY - Brainstorm key messages and channels for forestry communication. WATER EFFICIENCY – Proposed campaign brought to ZC for endorsement.	TARGETED COMMUNICATIONS STREAM CARDS- Final draft of stream cards brought to committee for approval. Agree on channels for communication.	TARGETED COMMUNICATIONS WATER EFFICIENCY- Launch summer water campaign STREAM CARDS- Launch stream information cards

10. Labelling Banks Peninsula Streams

Reference: 18/843112

Presenter(s): Paula Smith, Chair

1. Purpose of Report

- 1.1 The purpose of this report is for the Banks Peninsula Water Management Zone Joint Committee to discuss the benefits of labelling streams on Banks Peninsula and how to seek support from New Zealand Transport Authority (NZTA) and Christchurch City Council (CCC) to do so.

2. Staff Recommendations

That the Banks Peninsula Water Management Zone Joint Committee:

1. support labelling of eighteen Banks Peninsula Streams.
2. recommend to NZTA that they label three streams on SH75.
3. recommend that CCC prioritise funding for the remaining 15 streams.

3. Report

Refer to the attached paper.

Attachments

No.	Title	Page
A ↓	Labelling Banks Peninsula Streams	24

Labelling Banks Peninsula Streams

Many people are not familiar with the names or locations of our Banks Peninsula streams. If more were labelled people will start to use the names more and the streams will become more useful as landmarks when trying to describe a location to another person. I also believe labelling them will raise awareness of the streams, and cause people to maybe consider their values, their ecological health and how land use activities in their catchments which may be affecting them.

I am seeking your support to have more of our streams labelled. The idea is to have standard yellow signs (with black text) attached to bridges or posts on each side of the stream where the main roads cross.



Some streams, those which are crossed by State Highway 75 which is managed by NZTA, already have labels, for example the Okana River near the marae has such a label.

It is likely that the four streams which flow through Akaroa township (Aylmers Stream, Walnut Stream, Balguerrie Stream and Grehan Stream) are already identified and labelled in some way.

In the Banks Peninsula Water Management Zone 38 stream and river names are shown in blue italics on the 1:50,000 maps series. These are:

- Te Wharau Stream
- Waiake Stream
- Purau Stream (may also be known as Waituturi)
- Te Kawa Stream
- Owheoro Stream
- Koukourarata Stream
- Holmes Stream
- Pigeon Bay Stream
- Dick Stream (a tributary of Pigeon Bay Stream)
- Totara Stream (another tributary of Pigeon Bay Stream)
- Menzies Stream
- Duncan Stream (to Decanter Bay)
- Raupo Stream
- Opara Stream (the main river in the Okains Bay catchment)
- Knight Stream (into Lavericks Bay)

- **Le Bons Stream**
- Ellangowan Stream (into Hickory Bay)
- Crown Island Stream
- Narbey Stream (into Otanerito Bay)
- Dan Rogers Creek
- Aylmers Stream
- Walnut Stream
- Balguerie Stream
- Grehan Stream
- **Takamatua Stream**
- **Pipers Stream** (at Duvaucelle)
- **Pawsons Stream** (also at Duvaucelle)
- Peraki Creek
- Te Oka Stream
- Kinloch Stream
- **Okuti River**
- **Opuahou Stream**
- Te Puaha Stream (a tributary of Opuahou)
- **Hikuika Stream** (another tributary of Opuahou)
- **Hukahuka Turoa Stream**
- Okana River
- Takiritawai River (which flows into Te Roto o Wairewa Lake Forsyth)

This is a total of nine streams flowing into the Akaroa harbour, eight streams in the Wairewa Catchment, four in Pigeon Bay, three in Port Levy and three in Whakaraupo Lyttelton Harbour.

In the integrated catchment management plan for Whakaraupo Lyttelton Harbour Waka-ora a number of additional streams are identified on the map on page 42:

- Rapaki Stream
- Living Springs/Allandale Stream
- **Te Rapu Stream** (at Teddington by the Wheatsheaf)

When I was on the Lyttelton Mt Herbert Community Board the Board of the time supported labelling about 12 streams in Whakaraupo and Port Levy. We sought advice from Christchurch City Council Transport Operations staff about how to make it happen. We were advised it would cost about \$300 for each stream to be labelled.

I am asking if you would support seeking funds to label the 18 streams highlighted above. Three of these are on SH 75 (Takamatua Stream, Pipers Stream and Pawsons Stream). Perhaps we could approach NZTA to fund these in the first instance. This leaves 14 which on the estimate we were given would cost of the order of \$4,500.

Paula Smith
Chair
12 August 2018

11. Zone Committee Draft 3 Year Action Plan

Reference: 18/843474

Presenter(s): Olivia Smith, Zone Facilitator

1. Purpose of Report

- 1.1 The purpose of this report is to seek input from the Banks Peninsula Water Management Zone Joint Committee on the draft 3-year action plan to help implement the Banks Peninsula Zone Implementation Programme (ZIP) and Wairewa ZIPA.

2. Staff Recommendations

That the Banks Peninsula Water Management Zone Joint Committee:

1. Provide feedback on the Draft Zone Committee Action Plan.

3. Report

In June 2018 the Zone Committee confirmed that it wanted to develop a plan which included actions that need to occur in the next 3 years to make progress toward the priority outcomes in the Zone Implementation Programme (ZIP) and the Wairewa ZIPA.

Committee members suggested it would be helpful as a starter if staff from both Councils considered what actions council staff are planning to do/could do in the next three years.

To help the Zone Committee conservation a draft action plan has been prepared for feedback. This has been developed with input from the committee chair, deputy chair, ECan's zone delivery team, ECan's Tuia staff and CCC staff.

It would be helpful if zone committee members could review the draft plan and consider the following:

- ACTIONS- Are there any priority actions (next 3 years) that are missing?
- ACTIONS- Is there anything that doesn't need to be included?
- ZC ROLE- How else could ZC members help deliver actions?
- Highlighted Sections (yellow)- ZC feedback is sought on what an appropriate action would be for the topics highlighted in yellow.

Attachments

No.	Title	Page
A ↓	Banks Peninsula Zone Action Plan 2018-2021 - Draft	28

Banks Peninsula Zone Action Plan 2018-2021 - DRAFT

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

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

ZIP and ZIPA Outcomes	Priority actions for 2018-2021
<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. 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>2. Each year showcase an example of a Ki Uta Ki tai approach on Banks Peninsula. <i>Contributors: ZC, Rūnanga, landowners ZC Role: Each year ZC select example, advise on communication approach (article, public fieldtrip etc) and contribute to content.</i></p> <p>3. Support the implementation of the Whakaraupō Catchment Management Plan project to complete riparian planting on four streams Ki Uta Ki Tai. <i>ZC Role: to be advised once more certainly about the structure for implementing the WCMP plan.</i></p>
<p>2. Water Quality <i>People have access to safe drinking water. Water quality is monitored, and rules are developed to maintain and improve it where appropriate</i></p> <p><i>Wairewa ZIPA Outcome -Te Roto o Wairewa is a nationally significant project showcasing outstanding environmental restoration.</i></p>	<p>4. Support communities to have safe and secure drinking water sources. <i>Contributors: CPH, CCC, Ecan, ZC Role:</i></p> <p>5. Assessment of BP marae drinking water supplies and actions plans to address issues. <i>Contributors: Runanga, CPH, Ecan Tuia Team. ZC Role: Receive regular updates</i></p> <p>6. Share annual water quality and ecosystem health monitoring and relevant research with the Banks Peninsula community. <i>Contributors: Councils, DOC, Nature Agents, Research Institutes, Industry Groups, Community ZC Role: Share information with communities, advise research institutes of local research gaps/opportunities.</i></p> <p>7. Host two FEP workshops per year which effectively incorporate biodiversity and mahinga kai. <i>Contributors: Beef and Lamb, CCC, Ecan ZC Role: Host workshop with Beef and Lamb and encourage landowners to attend using your network of contacts.</i></p> <p>8. Exclude stock access on CCC land in Wairewa and support Wairewa landowners to exclude stock from waterways by 2020. <i>Contributors: Ecan, landowners ZC Role: Strategies a way to best influence CCC and provide advice on how to communicate these new requirements to ensure people understand the reason why.</i></p>
<p>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. 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></p>	<p>9. Launch a water efficiency campaign to drive behaviour change to work toward self-sufficient households. <i>Contributors: ZC, CCC Ecan, ZC Role: Provide advice on an effective communication approach to engage community and share messages through networks. Consider public opportunities/events to promote messaging over summer.</i></p> <p>10. Stream Water Quantity</p>
<p>4. Biodiversity <i>Banks peninsula is recognised in the region for showcasing flourishing biodiversity, Protection and enhancement of biodiversity is promoted, supported and celebrated. Flag projects are showcased as examples of excellent biodiversity achievement.</i></p>	<p>11. IMS biodiversity fund and CCC Biodiversity fund are strategically allocated and celebrated. <i>Contributors: ZC, Ecan, CCC, landowners ZC Role: Approve projects, encourage and support landowners and celebrate projects.</i></p> <p>12. Update the IMS Project Booklet annually and develop a coordinated map showing all biodiversity projects and reserves on Banks Peninsula (including IMS, CCC, Trust, DOC reserves etc). <i>Contributors: Ecan, CCC, DOC, BPCT, QEII ZC Role: Use the booklet to celebrate success and utilise the map for helping prioritise projects.</i></p> <p>13. Address native fish barriers identified in the 2017/2018 survey on Council and DOC land. <i>Contributors: Ecan, DOC, CCC</i></p>

	<i>ZC Role: Strategise how to best influence Councils and DOC to remove fish barriers on their land.</i>
<p>5. Erosion and Sediment Sediment discharge into waterways are minimised and sediment build in the harbours is managed sustainably to prevent damage to mahinga kai and Kai Moana from erosion and sedimentation.</p> <p>Wairewa ZIPA Outcome- Sediment discharges into waterways is reduced.</p>	<p>14. 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></p> <p>15. 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></p> <p>16. Support forestry landowners and operators to understand the National Environmental Standard for Plantation Forestry. 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></p> <p>17. Forestry activities and high-risk construction sites are prioritised for monitoring. Contributors: Ecan <i>ZC Role: Influence Ecan monitoring programme and receive regular updates on compliance.</i></p>
<p>6. Wastewater Wastewater is 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.</p>	<p>18. Complete a research project on the impacts of onsite domestic wastewater systems on Wainui waterways. Consider research findings and develop an action plan. Contributors: Waterways Centre and Wainui community. <i>ZC Role: Support researcher with contacts, encourage community participation, consider research findings and suitable actions.</i></p> <p>19. Raise public awareness about the need to regularly maintain onsite wastewater systems Contributors: ZC, Ecan, community <i>ZC Role: Provide advice on how to best communicate this message locally, share information through networks, and recommend Ecan prioritise consent monitoring.</i></p>
<p>7. Climate Change Climate change effects are taken into account in all infrastructure upgrades and planning on Banks Peninsula. As the Climate changes there is adequate water available and flooding is mitigated.</p> <p>Wairewa ZIPA Outcome- Risks of flooding are known and understood and flood hazards reduced.</p>	<p>20. Consider climate change in the delivery of all actions, particularly the water efficiency campaign, drinking water supplies.</p> <p>21. Flood management/ preparation + also idea of contestable community fund</p>
<p>8. Education and Communication The Banks Peninsula community is empowered by education in environmental management. Environmental success in the zone are appropriately recognised and publicised.</p>	<p>22. Develop and implement 6 monthly zone communication plans. This is to include a range of communication channels including social media. Contributors: ZC, Ecan, CCC <i>ZC Role: Input to plan and assist with the content and delivery.</i></p> <p>23. 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></p> <p>24. Recommend that 18 streams on Banks Peninsula are labelled with stream names. Contributors: NZTA, CCC <i>ZC Role: Effectively influence NZTA and CCC priorities to fund signage.</i></p>
<p>9. Coastal The harbours are a natural extension of the rivers and streams. The marine biodiversity of the harbours is protected and restored.</p>	<p>25. Ongoing research in the coastal environment to inform the Coastal Plan Review. Contributors: DOC, Ecan, CCC, Universities <i>ZC Role: Revise and share updates on research where appropriate</i></p>