
Banks Peninsula Water Management Zone Committee AGENDA

Notice of Meeting:

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

Date: Tuesday 20 June 2023
Time: 4 pm
Venue: Lyttelton Community Boardroom
25 Canterbury Street, Lyttelton

Membership

Chairperson	Gina Waibl - Community Representative
Deputy Chairperson	Trudi Bishop - Community Representative
Members	Andrea Davis - Community Representative
	George Howden - Community Representative
	Elisa Knight - Community Representative
	Ben Manson - Community Representative
	Tyrone Fields - Councillor Christchurch City Council
	Paul Dietsche - Councillor Environment Canterbury
	Aurora Smith - Te Hapū o Ngāti Wheke/Rapaki
	Rik Tainui - Te Rūnanga o Ōnuku
	Jaleesa Panirau Te Rūnanga o Wairewa
	Vacancy - Te Rūnanga o Koukourāata
	Erana Riddell - Youth Representative
	Tori Peden - Advisory Member

15 June 2023

Principal Advisor
Diane Shelander
Senior Policy Analyst
Tel: 941 8304
Christchurch City Council

Zone Facilitator
Shelley Washington
Tel: 027 294 5219
Environment Canterbury

Committee Advisor
Ann Fitzgerald
Tel: 941 6989
Christchurch City Council

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<https://www.ecan.govt.nz/get-involved/council-and-committee-meetings/>

**Register of Interests: Banks Peninsula Water Management Zone Committee
2023**

Representative's Name and Interests	
Gina Waibl, Community Representative	<ul style="list-style-type: none"> • Owner of a forestry block with a number of springs (67ha) and a small flock of sheep • Predator Free Port Hills Steering Committee • Resident of Lyttelton Harbour
Aurora Smith	<ul style="list-style-type: none"> • Committee Member - Lyttelton Reserves Management Committee • Administration - Natural Resources, Te Hapu o Ngāti Wheke • Te Hapū o Ngāti Wheke Representative on the Coastal Panel for Coastal Adaptation Planning in Lyttelton Harbour/Whakaraupō
Andrea Davis	<ul style="list-style-type: none"> • Member of the Sumner Community Residents' Association - Environment • Trustee of the Huxster Mountain Bike Trust • Owner/operator Andrea Davis Landscapes, specialising in green roofs • Student at Lincoln – Masters Planning
Councillor Paul Dietsche ECan	<ul style="list-style-type: none"> • Founder/Chair Te Puna - Auaha Lyttelton community shed project • Co-founder and volunteer Lyttelton Library of Tools and Things
Ben Manson	<p>Farm owner of 400 hectares in Little River Property leased for farming</p> <ul style="list-style-type: none"> • Akaroa "Onuku" - G Hamilton 300 hectares • Akaroa "Onuku Heights" - J Gibbs 250 hectares • Christchurch, McLeans Island - ECan Fulton Hogan 470 hectares <p>Interests and committees</p> <ul style="list-style-type: none"> • Banks Peninsula Collie Club • Cricket coach for Banks Peninsula girls team • NZ sheep dog trial course inspector • Member of Little River show committee
Rik Tainui	<ul style="list-style-type: none"> • Chairperson of Ōnuku Marae • Ngāi Tahu Board member • Trustee; Akaroa Health Centre, Positive Direction Trust, Maahanui Kurataio • Banks Peninsula Predator Free Governance Group • Ōnuku Representative @ Tuia • Ōnuku Representative for Te Paiherenga
Councillor Tyrone Fields, Christchurch City Council	<ul style="list-style-type: none"> • Registered Social Worker, Social Workers Registration Board • Member, Aotearoa New Zealand Association of Social Workers • Member, Banks Peninsula Water Management Zone Committee • Trustee, Canterbury Museum Trust Board • Member, New Zealand Labour Party • Member, Lyttelton Community Association • Trustee, Okains Bay Maori and Colonial Museum Trust • Member, Whaka-Ora Healthy Harbour Governance Group • Deputy Chair, Lyttelton Port Welfare Committee

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Karakia Whakamutunga

Karakia Tīmatanga

Opening Prayer

Whakataka te hau ki te uru	<i>English translation</i>
Whakataka te hau ki te tonga	Cease the winds from the west
Kia mākinakina ki uta	Cease the winds from the south
Kia mātaratara ki tai	Let the breeze blow over the land
E hī ake ana te atakura	Let the breeze blow over the ocean
He tio, he huka, he hau hunga	Let the red-tipped dawn come with a sharpened air.
Tihei mauri ora!	A touch of frost, a promise of a glorious day.

1. Apologies

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

2. Declarations of Interest

Members are reminded of the need to be vigilant and to stand aside from decision making when a conflict arises between their role as an elected representative and any private or other external interest they might have.

3. Updates from Banks Peninsula Zone Committee Members

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

4. Confirmation of Previous Minutes

That the minutes of the Banks Peninsula Water Management Zone Committee meeting held on [Tuesday, 21 March 2023](#) be confirmed (refer page 5).

5. Matters Arising from the Minutes

6. Deputations by Appointment

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

7. Identification of Urgent Items

8. Identification of General Public Contributions

Banks Peninsula Water Management Zone Committee OPEN MINUTES

Date: Tuesday 21 March 2023
Time: 5.02pm
Venue: Lyttelton Community Boardroom,
25 Canterbury Street, Lyttelton

Present

Chairperson	Gina Waibl - Community Representative
Deputy Chairperson	Trudi Bishop - Community Representative
Members	Andrea Davis - Community Representative
	George Howden - Community Representative
	Ben Manson - Community Representative
	Tyrone Fields - Councillor Christchurch City Council
	Paul Dietsche - Councillor Environment Canterbury
	Aurora Smith - Te Hapū o Ngāti Wheke/Rapaki
	Rik Tainui - Te Rūnanga o Ōnuku
	Jaleesa Panirau - Te Rūnanga o Wairewa
	Erana Riddell - ECan Youth Rōpū

Zone Facilitator
Shelley Washington
Tel: 027 294 5219
Environment Canterbury

Committee Advisor
Megan Pearce
Tel: 941 8140
Christchurch City Council

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

All members opened the meeting with a Karakia Tīmatanga.

The agenda was dealt with in the following order.

1. Apologies

Committee Decision

The apology received from Tori Peden for absence was accepted.

2. Declarations of Interest

There were no declarations of interest recorded.

4. Confirmation of Previous Minutes

Committee Resolved BPZC/2023/00006

That the minutes of the Banks Peninsula Water Management Zone Committee meeting held on Tuesday, 21 February 2023 be confirmed.

Andrea Davis/Trudi Bishop

Carried

5. Matters Arising from the Minutes

Nil

7. Identification of Urgent Items

The Committee were reminded to provide information to allow for the update to the Register of Interests.

8. Identification of General Public Contributions

Nil

9. Canterbury Water Management Strategy Action Plan Budget

Committee Resolved BPZC/2023/00007

Officer Recommendations accepted without change

That the Banks Peninsula Water Management Zone Committee recommends to Environment Canterbury the following allocations of the Canterbury Water Management Strategy Action Plan Budget 2022-2023 for the Banks Peninsula Zone:

1. \$8,370 as an additional contribution for operational support to the Banks Peninsula Conservation Trust.

Tyrone Fields/Erana Riddell

Carried

The meeting adjourned at 5.47pm and reconvened at 6.04pm during discussion of item 3.

3. Updates from Banks Peninsula Zone Committee Members

Members highlighted events/meetings/issues relevant to the Zone Committee as follows:

- The CCC and ECAN Annual Plans are both open for consultation
- The Banks Peninsula Draft Community Board Plan is also currently open for consultation
- An invitation for the Banks Peninsula hui has now gone out
- Port Levy funding for drinking water and testing – request has been made for more information from CCC. This was raised as an urgent matter but has now been pushed out a year in the CCC Draft Annual Plan
- An application from an external group has been made for MBIE funding; a letter was written by a Committee member in support of the application
- Protection of drinking water supply at Ōnuku Marae - fencing has been done but more work needs to be done, particularly with culverts
- CCC LTP - what could be done to support Ōnuku Marae as they would like to get connected to Akaroa's water supply
- Discussion on how to get the most out of funding and potential opportunities continues amongst members
- Communication with BP Conservation Trust about what they are doing for funding
- ECAN planning seminar attended
- Wairewa Rūnanga discussion of flooding at Marae
- Meeting with CCC regarding LTP - Wairewa Marae not connected to drainage and water
- Seaweek was held March 4 – March 12, opportunity to provide education to kids with the Stormwater Trailer
- Local university research on the use of mussel shells in pipes as a form of filtration system
- Attendance at Climate Watch.

6. Deputations by Appointment

6.1 Purau Residents Group, Diamond Harbour Residents Group, Community Advisory Group of Whaka Ora Healthy Harbour

Paul Dahl spoke on behalf of the Purau Residents Group, Diamond Harbour Residents Group, and the Community Advisory Group of Whaka Ora Healthy Harbour regarding monitoring of water quality for contact recreation around Banks Peninsula (refer Item 10).

6.2 Fit & Abel Open Water Swimming Specialist

Dan Abel, Head Coach, spoke on behalf of Fit & Abel regarding monitoring of water quality for contact recreation around Banks Peninsula (refer Item 10).

10. Monitoring of Water Quality for Contact Recreation around Banks Peninsula

Shirley Hayward provided a presentation to the Committee outlining the processes and details around Environment Canterbury's summer water quality monitoring at Banks Peninsula swimming sites.

Officer Recommendations

That the Banks Peninsula Water Management Zone Committee:

1. Receive the information provided on monitoring of water quality for contact recreation around Banks Peninsula.

Committee Resolved BPZC/2023/00008

That the Banks Peninsula Water Management Zone Committee:

1. Receive the information provided on monitoring of water quality for contact recreation around Banks Peninsula.
2. Continue to work with Environment Canterbury on appropriate public signage warning of the risk of swimming at particular sites and communication.
3. Dedicate a future workshop on progressing the issues raised in the presentation and invite interested groups to participate.

Erana Riddell/Aurora Smith

Carried

Attachments

- A Environment Canterbury Summer Water Quality Monitoring - Presentation to Banks Peninsula Water Zone Management Committee

All members closed the meeting with a Karakia/Whakamutunga.

Meeting concluded at 8.01pm.

CONFIRMED THIS 20TH DAY OF JUNE 2023.

**GINA WAIBL
CHAIRPERSON**

Unconfirmed

9. Monitoring of Water Quality for Contact Recreation around Whakaraupō and Banks Peninsula

Reference Te Tohutoro: 23/906918

Presenter(s) Te Kaipāhō: Shelley Washington, Zone Facilitator
shelley.washington@ecan.govt.nz

1. Purpose of Report Te Pūtake Pūrongo

- 1.1 The purpose of this report is to brief the Banks Peninsula Water Management Zone Committee on the key findings of faecal source tracking analysis of the 2022-2023 monitoring of water quality for contact recreation around Whakaraupō and Banks Peninsula.
- 1.2 The report also provides an opportunity for the Committee to consider if any recommendations are required following the 23 May 2023 Workshop on Water Quality for Contact Recreation around Whakaraupō and Banks Peninsula.

2. Officer Recommendations Ngā Tūtohu

That the Banks Peninsula Water Management Zone Committee:

1. Receives the information provided on the faecal source tracking analysis of the 2022-2023 monitoring of water quality for contact recreation around Whakaraupō and Banks Peninsula
2. Agrees to hold another workshop later in the year once the results of the faecal source tracking are public to discuss how the Zone Committee may add value to community engagement and finding solutions to pollution.
3. Recommends that:
 - a. Christchurch City Council and Environment Canterbury identify the sources of the faecal contamination, and work with others to find solutions.
 - b. Christchurch City Council, in collaboration with Environment Canterbury and Te Whatu Ora creates new signage that effectively communicates the risk after rain to end-users.
 - c. Environment Canterbury, in collaboration with Christchurch City Council and Te Whatu Ora requests changes to the LAWA (Land, Air Water Aotearoa) website.
 - d. Christchurch City Council investigates and quantifies the sources of pollution to stormwater in Corsair Bay.
 - e. Environment Canterbury considers removing some testing sites on Banks Peninsula so that testing can be increased at the most popular recreation sites in Whakaraupō.

3. Report Te Pūrongo

- 3.1 Shirley Hayward (Science Team Leader, Environment Canterbury) and Elaine Moriarty (Surface Water Science Manager Environment Canterbury) will brief the Committee on the key findings of faecal source tracking analysis of the 2022-2023 monitoring of water quality for contact recreation around Whakaraupō and Banks Peninsula.
- 3.2 The key points from the 23 May 2023 Banks Peninsula Water Management Zone Committee Workshop on Water Quality for Contact Recreation around Whakaraupō and Banks Peninsula included:

- 3.2.1 The main need is to be able to effectively communicate risk after rain.
- 3.2.2 Signage needs to be effective for the end-user, timely, credible, understandable, adjustable, big, and engaging.
- 3.2.3 Improved communication needs to be clear, credible, simple, communicate not to have contact recreation within 48hrs after rainfall, communicate the potential risks (if appropriate, and not too complex), and possibly mention possible sources (if appropriate and not too complex). Communication also needs to be consistent with LAWA website and link to it, so the community will get the same key message whether they are looking at a sign in person or looking at the website.
- 3.2.4 Community and Christchurch City Council staff support the ability for particular local community members to be able to adjust the signs to indicate it has rained in the previous 48 hours.
- 3.2.5 Improve understandability of the data on LAWA website. Zone Committee have a number of suggestions, mentioned in notes from May 2023 workshop.
- 3.2.6 Suggest that Christchurch City Council, Environment Canterbury and Te Whatu Ora to review signage, carefully consider adopting the suggestions shared at the 23 May 2023 workshop and provide a process for sharing draft new signage with a small number of end-users to test that it does meet the needs of end-users.
- 3.2.7 If the Corsair Bay stormwater hasn't already been investigated by Christchurch City Council and/or Environment Canterbury during last Summer or since then, this needs to happen so that a better understanding of sources of pollution to this stormwater is found.
- 3.2.8 Consider removing some testing sites on Banks Peninsula that are not used as much for recreation and increase testing at the most popular Whakaraupō sites.
- 3.2.9 The Committee may have another workshop later in the year once the results of the faecal source tracking are public. The focus of this would be discussing how the Zone Committee may add value to community engagement and finding solutions to pollution.

Attachments Ngā Tāpirihanga

There are no attachments to this report.

10. Committee Action Plan Updates and Canterbury Water Management Strategy Action Plan Budget

Reference Te Tohutoro: 23/907516

Presenter(s) Te Kaipāhō: Shelley Washington, Zone Facilitator
shelley.washington@ecan.govt.nz

1. Purpose of Report Te Pūtake Pūrongo

- 1.1 The purpose of this report is to provide an opportunity for the Banks Peninsula Water Management Zone Committee to:
 - 1.1.1 Identify any changes it may wish to make to its Action Plan, including removal, addition, or changes to actions.
 - 1.1.2 Begin discussing how it might use the CWMS Action Plan Budget to implement its action plan.
 - 1.1.3 Discuss ideas for promoting the CWMS Action Plan Budget to potential recipients for projects that will help the Committee to implement its action plan.

2. Officer Recommendations Ngā Tūtohu


That the Banks Peninsula Water Management Zone Committee:

1. Receive the information in the Committee Action Plan Updates and Canterbury Water Management Strategy Action Plan Budget Report.
2. Agree to finalise any changes to its Action Plan in August 2023.

3. Report Te Pūrongo

- 3.1 Every Zone Committee must consider whether it wishes to update its action plan annually. Once finalised, these changes are made and the new version is uploaded to the website and shared with partners.
- 3.2 Towards the end of the 2023-2024 financial year, every Zone Committee will prepare a new action plan for 2024-2027.

Attachments Ngā Tāpirihanga

No.	Title	Reference	Page
A 	CWMS Banks Peninsula ZC Action Plan AUG 2022	23/907360	14



Revised August 2022

Te Pātaka o Rākaihautū/Banks Peninsula Water Zone Committee **Action Plan July 2021–June 2024**

This summary highlights the key actions agreed by the zone committee for the next three years.

For more detail on the zone committee and plan, visit ecan.govt.nz/banks-peninsula-water-zone

Our purpose:

To uphold the mana of the freshwater bodies within Te Pātaka o Rākaihautū/Banks Peninsula by facilitating enduring land and water management solutions that give effect to the Canterbury Water Management Strategy (CWMS) vision, principles and targets in our zone.

The CWMS aims to enable present and future generations to gain the greatest social, economic, recreational and cultural benefits from our water resources within an environmentally sustainable framework.

Our role:

- **To get involved** in an active programme of community engagement on freshwater management matters
- **To facilitate relevant advice** to councils and other organisations contributing to freshwater management
- **To extend the resources available** to implement the CWMS by: working with stakeholders across all sectors and seeking opportunities to promote, support, leverage and expand catchment-based initiatives that deliver the CWMS
- **To report back annually** to councils and Rūnanga on progress towards delivery of the zone-specific priorities.

Our Councils' priorities for our zone committee are:

Christchurch City Council

Public awareness and engagement:

Model manaakitanga (caring and respect) for our waters and promote takohanga (commitment) and kaitiakitanga (stewardship) through:

- Leading water forums and supporting CCC initiatives to give effect to Te Mana o Te Wai;
- Advocacy of and support for the Community Water Partnership, connections with members' community and professional networks;
- Supporting erosion and sediment control workshops for industry.

Environment Canterbury

Kaitiakitanga Wāhi Taonga and mahinga kai targets

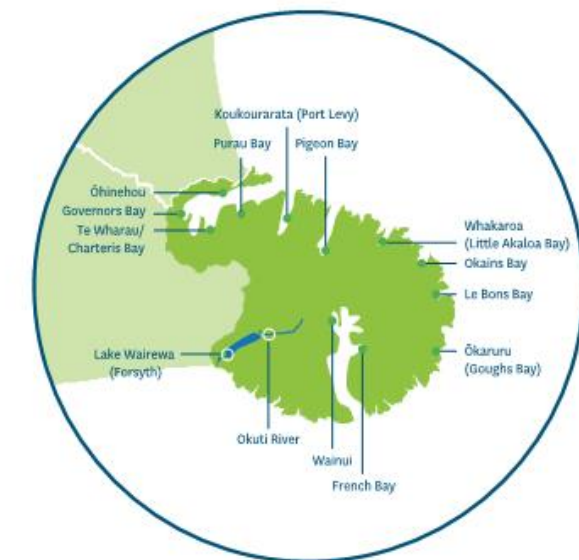
Grow support and resources to achieve the goal of five mahinga kai projects.

Ecosystem health and biodiversity targets

- Increased riparian management to protect aquatic ecosystems
- **Reducing the number of fish barriers**
- **Protection and enhancement of wetlands.**

Recreation and amenity targets

Achieving the 2025 target to restore priority freshwater recreation opportunities in each zone.



This taniko (woven pattern for clothing) Pātikitiki, represents lashing or binding together. The smaller diamonds represent pātiki (flounder). The Aramoana are white chevron shaped spaces representing the ocean waves. Together they represent the sustenance of our waters and the binding organisations that protect them. Pātiki is also the symbol for abundance. – Ariki

Te Pātaka o Rākaihautū/Banks Peninsula Water Zone Committee

Action Plan July 2021– June 2024

Principle: Consider mahinga kai, mātauranga Māori and climate change in all our deliberations and decision making.

We will recommend the allocation of the CWMS Action Plan Budget towards initiatives that help us implement our action plan, and promote these initiatives.

We will engage with the community and partner with other organisations to encourage future proofing/resilience about:

- Water quantity within context of Te Mana o Te Wai and climate change. We will encourage practical actions such as use of rain water tanks and grey water.
- Mahinga kai, soil conservation, erosion and sediment control, biodiversity, water quality and quantity, stormwater, climate change mitigation and adaption, and native forestry carbon farming.
- Protection of clean safe drinking water supplies.
- The management or replacement of on-site wastewater treatment systems.

We will collaborate on practical projects by supporting:

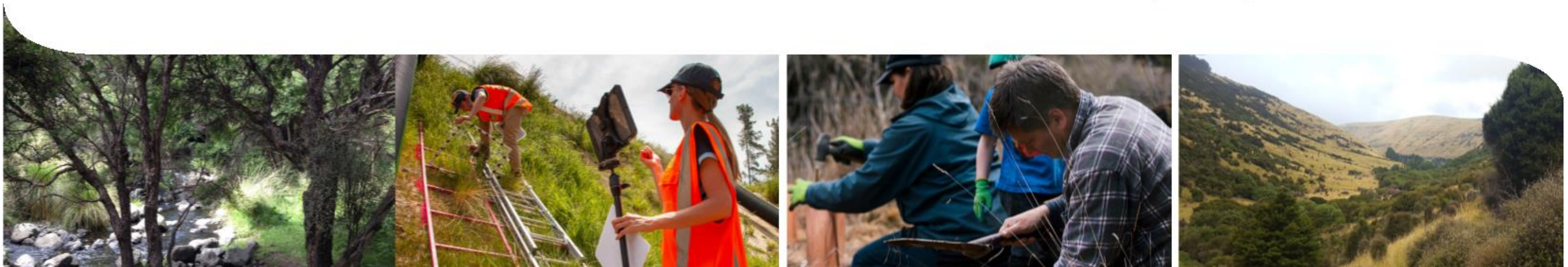
- Ngā rūnanga mahinga kai projects.
- Wairewa Bank Stabilisation Project.
- Whaka Ora Healthy Harbour with implementing the Whakaraupō Catchment Management Plan.
- The collaborative development and funding of a soil conservation programme.
- The removal of priority barriers to fish passage.
- The reduction of sediment loss and other contaminants from roadside maintenance and cuttings.
- Projects that are part of Ki Uta Ki Tai community approach in Wainui Bay, Ōkaruru/Goughs Bay and Pireka/Peraki Bay.

We will advocate for and be engaged in:

- Fair and practical rules to optimise Te Mana o te Wai in the allocation of water.
- The review of the Coastal Plan.

Want to get involved?

Head to ecan.govt.nz/banks-peninsula-water-zone



11. Report on Recent Hui and Workshops

Reference Te Tohutoro: 23/908132

Presenter(s) Te Kaipāhō: Shelley Washington, Zone Facilitator
shelley.washington@ecan.govt.nz

1. Purpose of Report Te Pūtake Pūrongo

- 1.1 The purpose of this report is to for Committee Members to report back on recent hui, workshops and activities:
 - 1.1.1 The CWMS Northern Zone Committee Hui held on 27 March 2023
 - 1.1.2 The joint workshop on Erosion and Sediment Control held on 27 April 2023
 - 1.1.3 The Community Waterways Partnership Hui held on 7 June 2023

2. Officer Recommendations Ngā Tūtohu

That the Banks Peninsula Water Management Zone Committee:

1. Receive the information on recent hui and workshops as reported back by Committee Members.

3. Report Te Pūrongo

- 3.1 Several committee members attended the CWMS Northern Zone Committee Hui on 27 March 2023.
- 3.2 Several committee members attended the Erosion and Sediment Control Workshop held jointly by the Committee, along with the Christchurch West Melton Zone Committee and Whaka-Ora Healthy Harbour on 27 April 2023.
- 3.3 The Community Waterways Partnership Hui was attended by several Committee members on 7 June 2023.
- 3.4 The notes and presentations from these hui and workshops are attached.
- 3.5 These attachments were circulated to all Zone Committee members and other people who were invited/attended following the events.

Attachments Ngā Tāpirihanga

No.	Title	Reference	Page
A 	CWMS Northern Zone Committee Hui 27 March 2023 Presentation	23/932647	18
B 	CWMS Northern Zone Committee Hui 27 March 2023 Notes	23/932658	40
C 	Erosion and Sediment Control Workshop 27 April 2023 Notes	23/932682	43
D 	Community Waterways Partnership Hui 7 June 2023 Minutes	23/932842	55



Presentation to Northern Zone Committees

Rāpaki Marae – 27 March 2023

Rangitata River, Canterbury

Item 11

Attachment A

Introduction and what to expect today

3 Sessions, each with time for questions and discussion:

1. Context setting – Where have we come from and what is next?
2. What will engagement look like?
3. Current state – where has the CWMS taken us?

We will end with a 10 minute wrap up



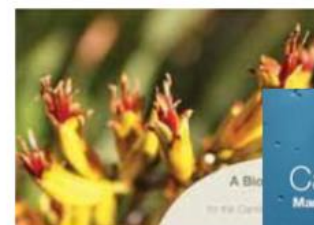
Where we have come from

Natural Resources Regional Plan developed from about 1998 –through to 2009

Resource management and allocation occurred on a “first-in-first-served” basis and without significant guidance/information on environmental limits

By 2010 it was clear that appropriate outcomes were not being achieved in the natural or built environment

Canterbury Biodiversity Strategy, Canterbury Water Management Strategy and Greater Christchurch Urban Development Strategy developed from early 2000’s, with the CWMS landing around 2010



Where we have come from



Work done by the Zone Committees

- Zone Implementation Programmes in place for all zones, with regulatory actions identified for eight zones
- Management of Immediate Steps biodiversity funding
- On-the-ground work

Banks Peninsula Water Zone Committee

We need your help...
Wairewa community planting day

The Banks Peninsula Water Zone Committee invites you to take part in the Wairewa planting day on Saturday October 12.

The planting is part of the Wairewa Bank Stabilisation Project, which aims to reduce bank erosion, restricting sediment loss into Lake Forsyth/Wairewa.

The plan is to plant 1,300 native eco-sourced seedlings in an area along the banks of the river. This planting will help contribute to the health of the waterways and flood management control.

The Banks Peninsula Water Zone Committee is a community led committee supported by councils.

fb.com/canterburywater

The planting details:
When: Saturday October 12, from 9am
Where: Meet at 92 Western Valley Road, Little River
Bring: Please bring sturdy shoes, sunblock and drinking water. Spades will be provided
Food: Sausage sizzle
Social: Click 'going' on Environment Canterbury's Facebook event to register your interest

Christchurch City Council

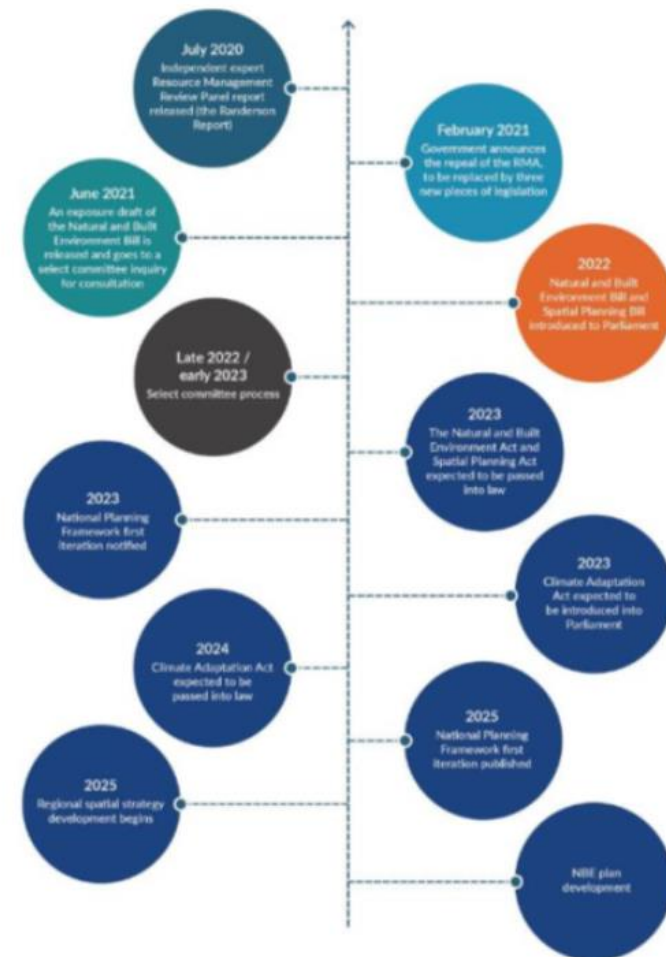
Environment Canterbury Regional Council
Kaunihera Taiao ki Waitaha



What's next

- Things have changed.
- New national policy on Urban Development, Highly Productive Land and Freshwater.
- RMA reform.
- Local Government reform on its way.

Resource management system reform timeline



What are we doing now?

- Starting with a Regional Policy Statement review over next 18 months with a view to notify in late 2024. Will include:
 - Freshwater visions and objectives at an FMU level
 - Guidance on what Te Mana o te Wai means in a Waitaha / Canterbury context
 - Objectives and policy direction for freshwater, the coastal environment, air, land and soil, infrastructure and urban development
- Targeted changes to the land and water rules will need to be made to keep the Region tracking towards delivering Te Mana o Te Wai while a new, integrated rule framework is developed



Why not just amend the current plans?

- The Zone Committees and communities you represent have put massive effort and resources into the current plan framework.
- Much of the innovation and direction developed through that mahi has been reflected in the new National Policy.
- Some key tools have been amended by the Essential Freshwater package (Farm Environment Plans) or have been found to have been used in inappropriate ways(OVERSEER). We have also been given some new tools.
- In most instances, the plan framework is not designed to give effect to the order of priorities or National Bottom line limits set out in the NPS-FM.



Process and timeframes

Process largely driven by NPS-FM requirements. Between now and December 2024 that will involve

- Getting a common understanding of the current state of the environment and the policy settings
- Identifying visions and objectives at the FMU scale, and setting policy direction for achieving those visions and objectives
- Inserting National Bottom line limits into the Regional Plan Framework



Engagement



- The NPS-FM requires us to engage with Tangata Whenua “to the extent they wish to engage”, but it's also the right thing to do.
- We will be working with communities at each planning step.
- Environment Canterbury and Mana Whenua have agreed to develop an integrated plan with strategic direction from Te Rōpū Tuia (members include Regional Councillors and Chairs of the 10 Waitaha Papatipu Rūnanga).
- We are committed to this partnership approach which will lead to better outcomes for the whole community.



Why engage?

- We don't know everything, opportunity to add mātauranga
- Education, what's our shared understanding?
- People have a right to know, openness
- Changing the mindset - ambitious but realistic visions
- We need a collective commitment to take action
- Recognition that we can only succeed together



Who's involved?

- Government – we need to meet statutory requirements
- Papatipu rūnanga – we have many common goals and working in partnership will help us reach them
- Stakeholders, especially significant users of our natural resources
- People/groups with specialist knowledge/expertise/connections
- NGOs, interest and advocacy groups
- The public – all who live, love and play here
- Media as a conduit and as influencers



What else is on? Issues themed

Healthy water and land across Waitaha/Canterbury
Supports development of outcomes for the following programmes:
Rivers Team
Braided river revival 100/ 200 year strategy
Ashley Rakahuri river revival strategy - values development
Rakitata revival strategy - south branch
Infrastructure and flood schemes
* Flood recovery
* River and drainage code of practice
* Gravel Management Strategy
Climate resilience programme
Environment Canterbury Land & Property Strategy
Strategy & Planning
EC Climate Action Plan
* adaption - river flooding
* future water security
* native based solutions
Parks
?? Parks 50 year strategy (Parks TBC)
Harbourmasters
??Navigation bylaw review
Science
?? Regional Waterbodies and wetlands map layer (Science TBC)
Long-Term Plan - what do you want in the next 10 years?

Resilient transport networks connecting Waitaha/Canterbury
Supports development of outcomes for the following programmes:
Strategy & Planning
Regional Land Transport Plan
Regional Public Transport Plan
Regional Speed Management Strategy
?? Greater Christchurch Mass Rapid Transit plan TBC
EC Climate Action Plan
* Emissions reduction
Canterbury Climate Partnership Plan
Long-Term Plan - what do you want in the next 10 years?

A climate resilient region
Supports development of outcomes for the following programmes:
Strategy & Planning
EC Climate Action Plan
* Emissions reduction
Canterbury Climate Partnership Plan
Long-Term Plan - what do you want in the next 10 years?

A focussed and sustainable Council
Strategy & Planning
Long Term Plan consultation
LTP - You told us.....



Engagement tools

– zone committee preferences?

We have lots to share and a lot of listening to do:

- Online and interactive - ask questions, suggest/support visions
- Face to face – hui, workshops, events, drop-ins
- Direct messaging through contact lists and networks
- Stories and questions shared through multiple paid media channels - print media, radio, social media, digital ads, newsletter content etc.
- Printed material, short shareable videos, podcasts, unpaid social media etc.
- Open to suggestions...



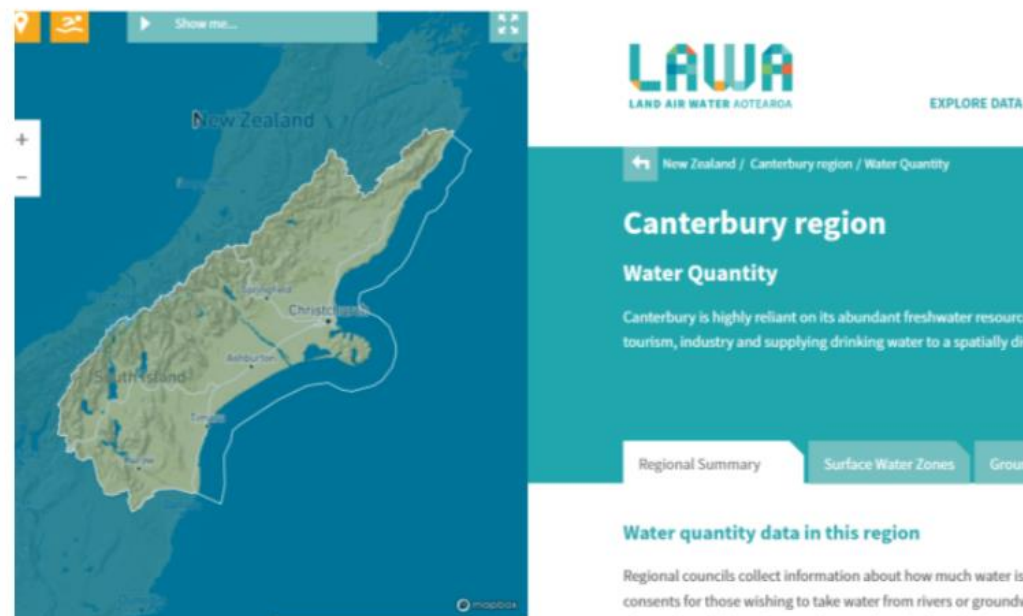
Role for Zone Committee's

- ZCs have done the hard work already
- Engagement won't be at the level you are used to
- Be a conduit for your community
- What else would you like to see?

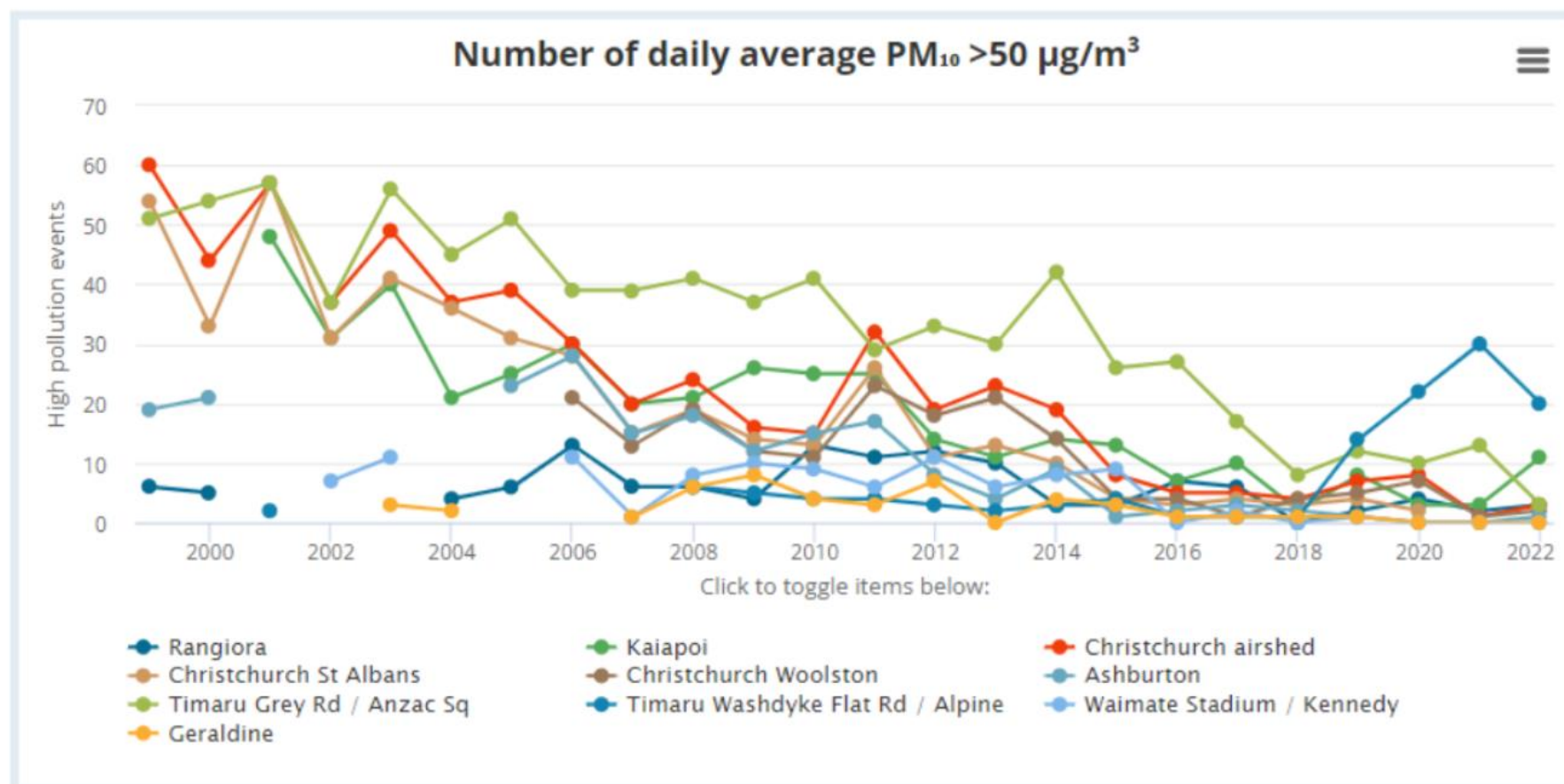


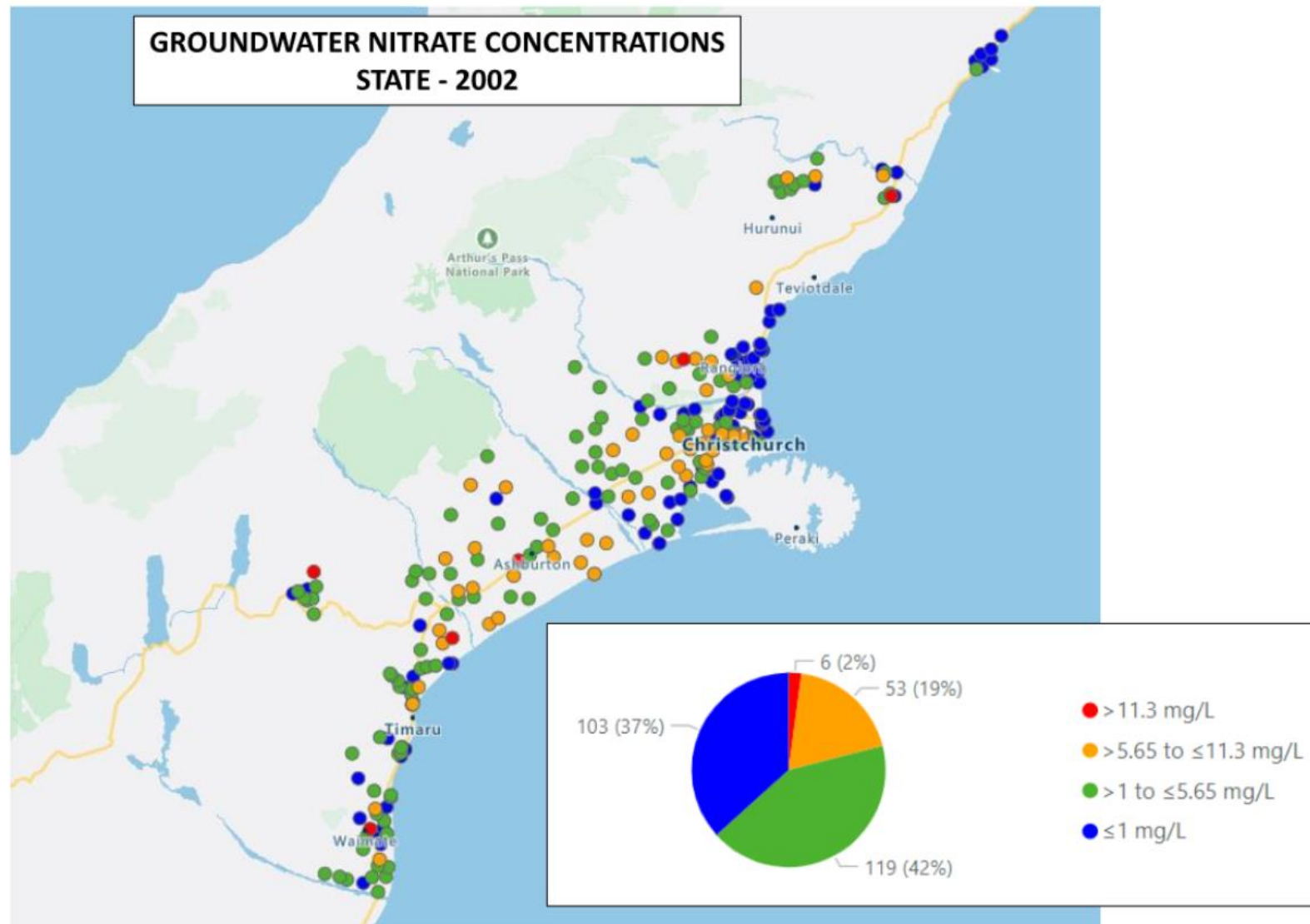
Current state

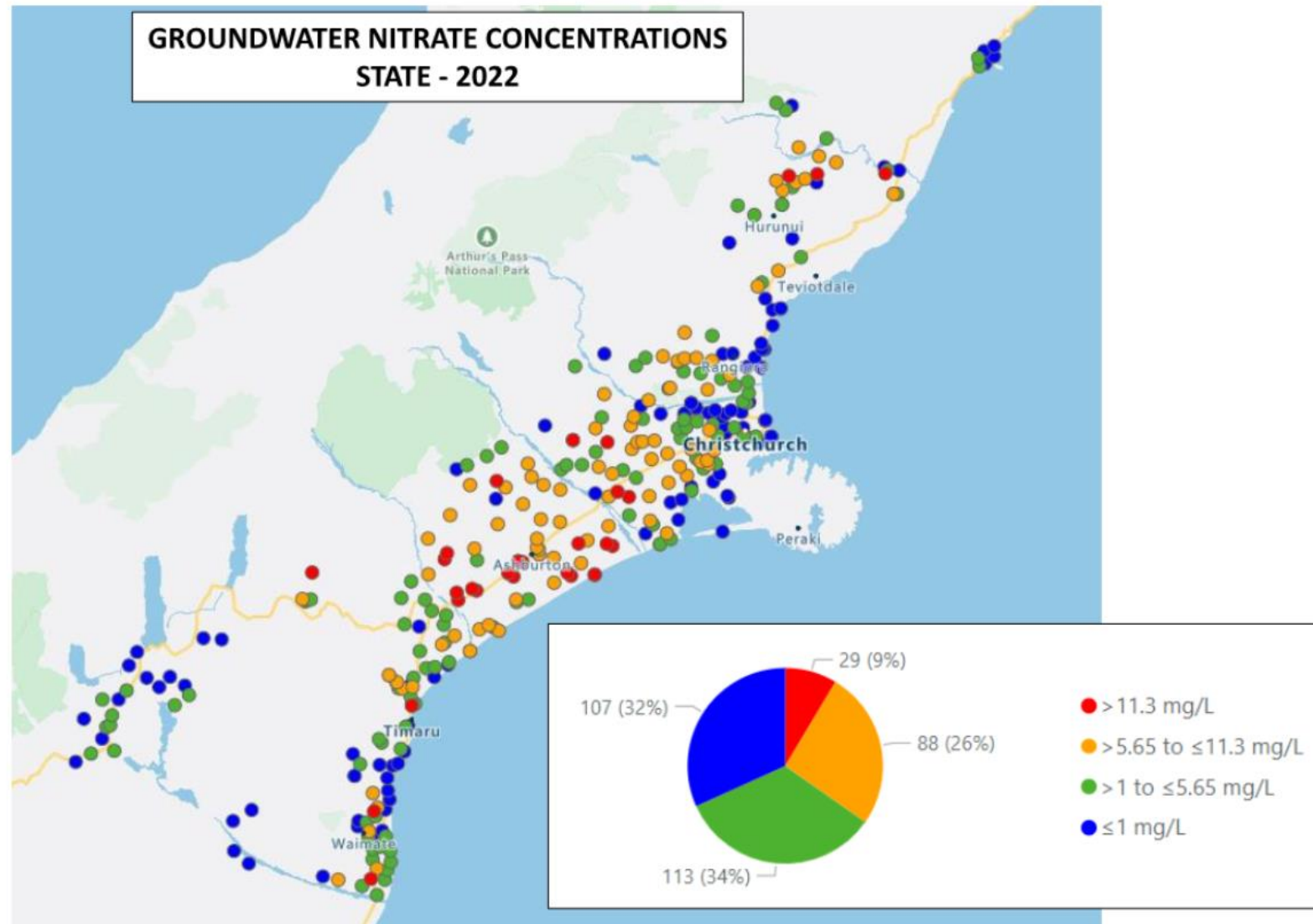
- Changing expectations (NPS-FM, NPS-UD, NPS-HPL)
- Doing well in:
 - Natural hazards
 - Air quality
 - Infrastructure and reverse sensitivity
- Need some tweaks in:
 - Urban development
 - Natural features and landscapes
- More to do
 - Integrated Management
 - Water quality and quantity
 - Managing the coastal environment
 - Biodiversity
 - Natural character of rivers, lakes and wetlands
 - Climate change and managing GHGs – new to RMA



High pollution events

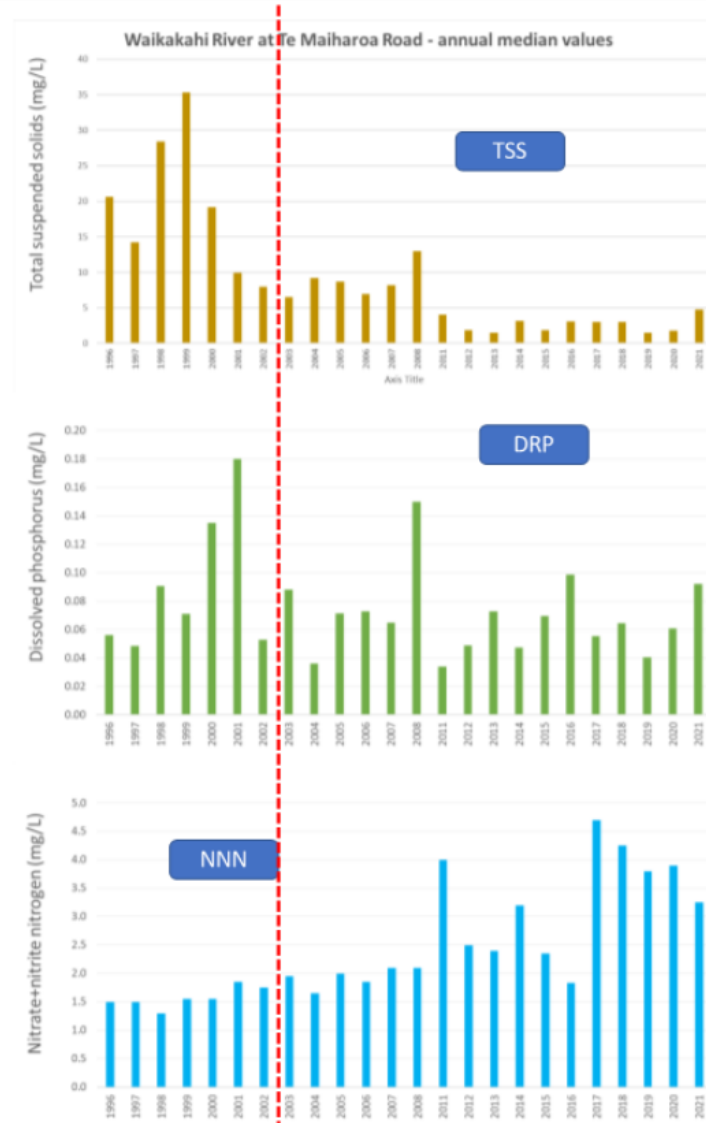






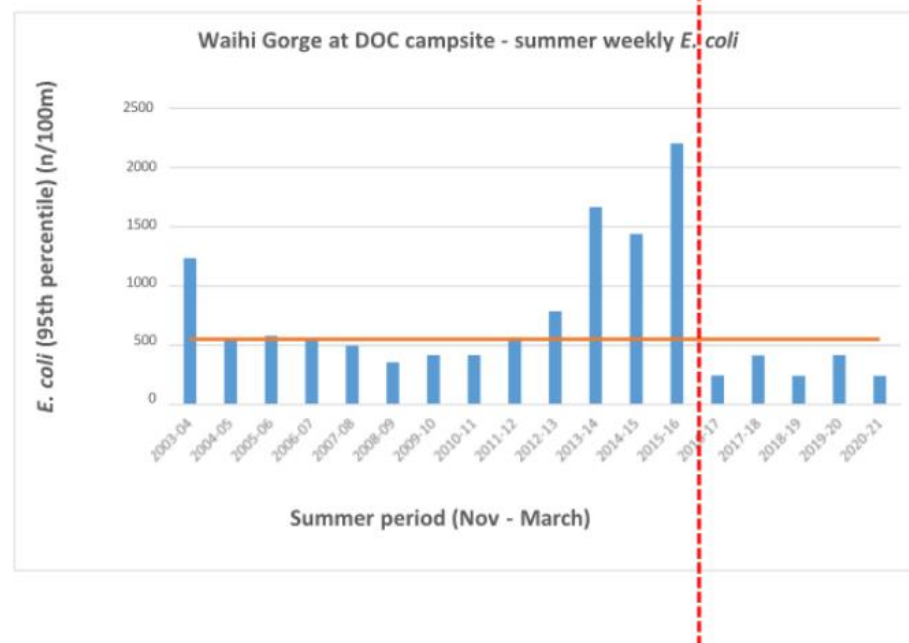
Making the links

- Waikakahi Catchment intervention started mid-2000s (fencing, irrigation practices, effluent management)
- Improvements in TSS, DRP, but not NNN or QMCI
- NNN not declining because productivity has increased and border to spray conversion
- Multiple drivers of QMCI



Making the links

- The link between fencing and *E. coli* evident at Waihi Gorge



Key take aways

- Things are changing for Zone Committee's and your communities
- There will be opportunity for you to participate in the planning framework review
- While we have seen some environmental improvements, we are not tracking towards national bottom lines.
- There is stuff you can do now:
 - Talk to people about what it looks like to put the water first, where the opportunities and challenges lie



Notes from Northern CWMS Zone Committee Hui held at Rāpaki Marae on 27 March 2023

The Presentation – key points (*see also attached slides*)

Session 1: Context Setting

- Due to our new partnership with Mana Whenua, the NPS-FM 2020 (and Te Mana o Te Wai), a full review of the planning framework is required.
- Zone Committees through ZIP and ZIPA documents previously have been used to get an insight into the community's wishes.

Session 2: What will engagement look like?

- We are seeking community engagement to bring back to the partnership.
- ZCs could be a conduit to the community. However, engagement won't be at the same level as ZIPs and ZIPAs due to time and resourcing constraints.

Session 3: Current State

- We have made progress in some areas (natural hazards, air quality, reverse sensitivity), however there is still work to be done in others (urban development, integrated management, water quality and quantity, managing the coastal environment, biodiversity, climate change).
- There is optimism that the rivers can improve but continued efforts are needed to address this.

Key Discussion Points

Why are we starting this process?

- *To what degree have farmers already made changes?* Farmers have made massive changes, but national guidelines and community pressure mean that they'll need to keep changing. Water quality is still an issue.
- *The Te Mana o Te Wai hierarchy is already defined. There is no need to interpret it.* The hierarchy is clear, but the current framework does not apply it. We need to change our practices.
- Environmental issues:
 - *Erosion of shorelines* – Ki Uta Ki Tai (From the mountains to the seas) is being pursued for this. Unclear as to whether this will solve the issue but open to discussing it further.
 - *Housing intensification in sensitive areas* – Work is underway to set urban limits. Conflicting national policies exist.
- *What would we simplify?* Different frameworks are used in different catchments which leads to an inconsistent approach that costs time and money. Simplifying through consistency rather than changing the outcome. *There is complexity in each farm and locals are experts in their particular areas – centralising rules doesn't make sense. Economic reform is necessary to support changes.* Cannot change economic system; it's beyond the reach of the regional council.

What is the role of ZCs in this process?

- We see the ZCs having a role as a conduit to the community.
- *How will ZCs be a conduit to the community? Do we need something between ZIPA and nothing? They won't be asked to act like a "postie" but may choose to pass on information they think will be useful.*
- Engagement will be at a new level as there is not enough resources or time.

How to engage?

- Suggestions on how to engage with the community are welcome.
- *We need to reach the growing urban population, particularly those new to the area who don't know who ECan is. This includes new subdivisions in rural areas.*
- *Regular drop-ins could work in the right area. People need to see tangible examples.*
- *Podcasts to build mana and engage youth.*
- *Need serious science to engage communities. Science has a serious work programme and are working on releasing the current state of the environment.*
- *Farmers are practical and need concrete targets, e.g. specific limits.*
- *Urban consultation fatigue is an issue. They don't know which council is responsible for each issue. We need to simplify complex information to reduce overwhelm.*
- *Art can be a useful tool.*

Next steps

- There will be a review and development of the Regional Policy Statement to reset the visions and outcomes at a FMU level, and targeted changes will plans be made to the plans to give effect to the National Environmental Standards.
- On 5 May, we will seek input on how to engage with mana whenua and the community. Today's views will be shared with mana whenua at the meeting. Further opportunities to get ZC input on engagement.

Science

- *Concern about quarry dust, and air quality standards in Rolleston*
- *How will scientific improvements change things? – Increased productivity from a smaller number of animals e.g.*
- *Economic workstream is looking at farm debt as farmers are constantly responding to new restriction.*
- *Concern about pine plantations occupying farmland. – The community should voice their preferences, which should be supported by scientific evidence.*
- *Nitrates are a global issue. Any progress is slow, and we need to be patient as the process takes time.*
- *Mātauranga Māori is scientific.*
- *The focus should be on setting clear boundaries and limits, and monitoring for compliance, rather than defining what people are doing.*

Wrap up:

- ZCs have done a lot of work and are willing to assist with community engagement but not take full responsibility for it.
- Many changes are coming, this could include unintended consequences of irrigation efficiency and questions around Te Mana o Te Wai and healthy river definition in surface and groundwater.
- *Concerns about declining bird populations and ecological systems reaching a critical point. Pushes the need for ECan to review the coastal plan.*
- *The current structure of ZCs needs to be re-evaluated, as it is not working for mana whenua and there should be more mana whenua representation.*

Notes from Workshop about erosion and sediment control

Jointly held by the Banks Peninsula and Christchurch West Melton Zone Committees with Whaka-Ora Healthy Harbour

Held at Hao Room, Te Hāpua/Halswell Library on Thursday 27 April 2023, 5:15pm - 9pm

Typed up by Shelley Washington (Environment Canterbury, CWMS Strategy – Facilitator of Banks Peninsula and Christchurch West Melton Zone Committees)

Also attached:

- Presentation slides – Shelley Washington on behalf of various speakers (*Annabelle Hasselman, Gina Waibl, Clive Appleton, Matt Jackson, Shelley McMurtrie, Peter Bawden, Nathan Dougherty*)
- Presentation slides – Shelley McMurtrie, EOS Ecology
- Presentation slides – Peter Bawden, CCC
- Cut Slope ESC trial summary doc – EOS Ecology
- Shelley's document that attempts to summarise key projects, reports, recommendations

Participants/attendees

57 people

Representing BPZC (6), ChChWMZC (4), Whaka-Ora (5), CCC (7), ECan (7), Community Boards/councillors not on ZCS (3), Researchers (2), CAP (1), Landowner/developer (1), OHRN (10), AHEIT (2), Te Awa Kura Barnett Park Regreening Group (1), Living Springs (1), Summit Road Society (1), Avoca Valley Project (1), Te Kāhahu Kahukura (1), Banks Peninsula Conservation Trust (1).

NB: have only recorded Zone Committee and Councillor apologies

Banks Peninsula Zone Committee: Gina Waibl, Trudi Bishop, George Howden, Elisa Knight, Ben Manson, Aurora Smith. Apologies: Andrea Davis, Cr Paul Dietsche, Jaleesa Panirau.

Christchurch West Melton Zone Committee: Annabelle Hasselman, Cailin Richardson-Hall, Cr Greg Byrnes, Arapata Reuben. Apologies: Mike Patchett, Helen Rutter, Clare Piper, Brynlea Stocks, Cr Mark Peters, Cr Phil Dean, Oscar Bloom.

Christchurch City Council staff: Diane Shelander, Luke Smeele, Matt Jackson, Peter Bawden, Clive Appleton, Georgina St-Ives, Paul Devlin, Jesse Dykstra

Environment Canterbury staff: Martin Rutledge, Will Todhunter, Shelley Washington, Nathan Dougherty, Jess Newlands, Kate Schimanski, James Dobson, Zoe Arts

Whaka-Ora Healthy Harbour: Karen Banwell, Cathy Sweet, Paul Dahl, Jenny Healey, Graeme Fraser

Ōpāwaho Healthy River Network: Chrissie Williams, Malcolm Long, Miria Goodwin, Alisdair Hutchison, Sally Coates, Colin Meurk, Quentin McDonald, Suzanne Furkert (+ 2 children)

Avon Heathcote Estuary Ihutai Trust: Celia King, Kit Doudney

Community Boards/Councillors: Lee Sampson, Cr Yani Johanson, Cr Vicky Southworth (Apologies: Cr Tim Scandrett, Cr Sara Templeton, Cr Pauline Cotter)

Researchers: Katherine Yates (UoC), Shelley McMurtrie (EOS Ecology)

Te Awa Kura Barnett Park Regreening Group: Martin Ward

Landowner/developer/farmer: Dan van Asch

Christchurch Adventure Park: Charlie Lyons

Summit Road Society: Marie Gray

Avoca Valley Project: John Marsh

Banks Peninsula Conservation Trust/Te Kākahu Kahukura: Sophie Hartnell

Te Kākahu Kahukura/Conservation Volunteers NZ: Hamish Fairbairn

Living Springs: Denis Aldridge

Other community: Noraini Abbas

Also invited: Cashmere Stream Care Group, ngā Rūnanga, other representatives of groups and organisations that did attend.

Presenters: Annabelle Hasselman, Gina Waibl, Shelley Washington, Matt Jackson, Clive Appleton, Shelley McMurtrie, Peter Bawden, Nathan Dougherty.

Facilitators: Miria Goodwin, Shelley Washington, Luke Smeele, Georgina St-Ives, Karen Banwell, Trudi Bishop, Gina Waibl, Malcolm Long.

Notes, tech, catering, invites/rsvps: Luke Smeele, Cathy Sweet, Sandy Bowman, Shelley Washington

Organising team: Annabelle Hasselman, Mike Patchett, Gina Waibl, Trudi Bishop, Karen Banwell

Notes from session about “where to from here?”:

This session was at the end of the workshop and was a summary of “where to from here?” by Annabelle Hasselman, Gina Waibl, Karen Barwell, Clive Appleton and Nathan Dougherty, along with asking the audience

Theme: participation

- It has been a useful session, thanks for participating!
- Showed value of involving a wide range of people and organisations
- Collaboration is useful
- How to keep enthusiasm? Please all think about this...

Theme: learning and sharing

- Learn from past, but also try new things out
- Would be good to have “exemplar” learning sites so everyone can see some examples of what works (and doesn’t work) with their own eyes
- Share knowledge – how to set up a powerful sharing mechanism? Inventory of what works and what doesn’t work and why. E.g If you have this problem, try X, Y or Z. Knowing why something didn’t work is helpful to those who may want to make it work or try something slightly different
- Curiosity is good. Try, learn from others and experiment
- Learn from Whaka-Ora Healthy Harbour

Theme: engagement, advice, compliance

- Bring the willing along and engage with the reluctant
- Don’t take a punitive approach with landowners. Engage with them in a cooperative way so they feel confident to experiment with new ways of trying to solve ESC problems on their sites.

Theme: resourcing with money

- Get LTP \$ commitments from both councils, get more funding in LTP for ESC. It takes 5 years to get a project into LTP. Good to have projects ready to go when spare budget comes up. *NB: earlier in workshop Matt Jackson clarified that there was also budget planned beyond the next 10yrs, up to \$60M and that this is subject to change (Council decisions) but that the ability to spend a greater amount of budget can happen but can be slow if don’t have enough staff, contractors, seeds, capacity within other key parts of the chain e.g. plant nurseries.*
- Cr Johanson noted that CCC Councillors are collectively understanding the importance of this topic, that this has been helped by advocacy from zone committees and community groups, but need to keep sharing the story with Councillors of why important and what needs to be done.
- Paul Dahl noted the need for innovative and longer-term bulk funding of Whaka-Ora, Zone Committees and a similar soil conservation approach as SCAR (North Canterbury) bus use natives instead. Enable the people and staff to do it, don’t wait.

Theme: other considerations

- Colin Meurk noted the need to be careful when doing physical projects to be aware of existing ecological and cultural values on site – protect what is there, it may not always be obvious
- Whole of Port Hills Management Plan is a good idea. CCC is keen on this concept.
- Get central government more involved.

- Please submit on Plan Change 13 & 14 and annual plans, LTP etc.

Notes from small group participatory sessions:

Participants chose up to three topics, out of a choice of 8 topics and provided their ideas with support from a facilitator.

Group 1: Identifying sources of erosion and implementing solutions. Facilitator: Karen Banwell (Whaka-Ora)

Context

- Climate change
- Loess
- Hillside waterways
- Subdivisions
- Rain and rain bombs
- Lack of forest/cover
- Forestry
- Competing land use
- Excessive hard surfaces
- Fire
- Excess irrigation issues
- Hooves

Solutions

- Planting streams, Ki uta ki tai, sequencing of planting from top
- Linking with groups who are planting
- Detention basins
- Sediment traps
- Green infrastructure – pervious surfaces
- Retaining water sponges/wetlands
- Regenerating wetlands
- Fixing existing infrastructure
- Consent conditions
- Pulling consents in for review
- Retiring land
- Good pasture management
- Forestry best practice
- Changing forestry regulations
- Improve ECan rules

Identify sources

- **Satellite data/mapping**
- Slips

- Exotic pasture
- Roadside cuttings
- Construction
- Denuded land/tracks
- Focus on specific
- Urban stormwater management e.g. Diamond Harbour
- **Rainy day inventory**
- Snap send solve – pollution compliance

Issues

- Compliance and enforcement
- Historic discharges (consented)
- Prioritise sources based on impact on receiving water, ease of fixing, quantify material sources
- Need to identify sediment sources and who's responsible for them
- Value community resource
- Unintended consequences down stream e.g. Dyers Pass > CAP > Cashmere.

Group 2: Sharing and documenting practical knowledge on ESC (and pasture, biodiversity, tussockland, forestry management etc). Facilitator: Luke Smeele (CCC)

- Documentation
- Record methods according to specific purpose and desire
- Funding to create a toolbox for non engineered planting on the Port Hills – promote awareness for natural restoration of land and habitats
- Promote biodiversity to increase efficiency
- Connecting experts to different planting methods and environments
- Dedicated coordinator
- Learn from what didn't work also
- Keep information in one place – improves awareness and accessibility
- Make the experts accessible
- Make the knowledge free and easy to access
- Funding for sediment education
- How do we find knowledge of what's to be expected vs not to be expected
- How to accumulate knowledge – especially very precise and site specific, how to disseminate it
- Dan van Asch is happy for people to come and see how his contractors have learnt over time
- People often don't try other approaches – but trial and error is good
- Dan wants to learn by talking with others and seeing it in practice – sharing good practices that have been seen
- Practical people learn by observation and talking with the people that actually did the work
- Staff funding for collating best practice and case studies
- Events to share knowledge
- Advertise to raise awareness of the resources and knowledge

- Funding for Snap Send Solve awareness and use of and capturing the data which has come in, and managed by key staff to make sure the results are quickly actioned
- Research funding for students to analyse data captured through Snap Send Solve
- Webpage focused on sharing specific projects and methods
- Case studies
- Fact sheets that are downloadable
- How to guides
- Show a variety of different types of land where different methods have been used
- CAP idea (*shared with group 3, but also may fit under this topic*): would like recreation trail standards for Port Hills, or even better whole of Banks Peninsula. There are trail standards but they are not designed for loess. It would be good to have a "build standard" designed for loess. Useful if Councils required a standard for recreational tracks.

Group 3: An ESC working group. Facilitator: Shelley Washington

Need?

- Debatable
- Many say yes
- No, if it doesn't have ability to make decisions (recommendations are not sufficient)
- Do we actually need another layer on top of various other layers that don't achieve much already?
- Will it actually have any real influence? If no, then don't bother
- If it just involved Iwi and Crown (Iwi and CCC and Ecan) it would achieve more
- Already have Councils, don't need another group
- Already have literature, but how to have influence?
- What mandate would it have?
- Where does governance sit?
- We already have Zone Committees

Structure

- Crown needs to be involved
- Crown and Iwi have the relationship that is important
- Don't make it too big (not too many people)
- Needs to include Councillors but they need to be briefed by staff with appropriate technical knowledge
- Needs to include high level governance, and then the "do-ers" implement – broad range of doers – community groups, council staff, contractors, landowners
- Governance need to be involved – needs to have the people that make decisions.
- Also needs technical advisors to be involved somehow.
- Needs to have ability to make decisions
- Needs to have a flat structure, not a hierarchy so all are respected and humble.
- Needs to involve both Whakaraupō and Port Hills (both sides) so fair and collaborative and so don't compete for budget

Purpose

- Need to be very sure and clear about what it is trying to achieve. What it is trying to achieve needs to be very tangible, and these things need to be do-able and have funding.
- Setting agenda/priorities
- Identifying priorities
- Accountability
- Force agencies to work together
- Setting standards
- A group that can be responsible for sharing information e.g. an online platform
- Feed information out to community groups
- Improving knowledge
- CAP idea: would like recreation trail standards for Port Hills, or even better whole of Banks Peninsula. There are trail standards but they are not designed for loess. It would be good to have a "build standard" designed for loess. Useful if Councils required a standard for recreational tracks.

Membership

- Depends on purpose
- Experienced landowners
- Having community groups represented on it helps ensure collaboration happens
- Not too many people as it would become unwieldy. One participant suggested 3-7 people.
- Debate over whether community group representatives should be on it or not.
- Agreed all voices needed to be heard, whether or not on working group.
- Council experts
- Needs people with technical knowledge with ESC skillsets
- Councillors – decision makers
- Representatives of key players

Group 4: Advocacy. Facilitator: Trudi Bishop

- Education of whole community (including workers on sites) about wildlife and river health. This will cost money and be a ratepayer cost. Stakeholders – digger drivers, builders. WIFM – What's In it For Me? - is important here.
- Builders/developers - community – name & shame
- Better resources for enforcement and compliance
- Lobbying of central government e.g. forestry – legislation is too weak, therefore compliance staff hands are tied. Stricter standards for erosion and sediment control are needed e.g. forestry, turbidity, sediment concentrations (harbour sites)
- Agree on forestry policy in indigenous forest regeneration – group involvement/education on seed collection. Submissions to climate change commission – bulk. Submissions on forestry. Submissions on ETS – including soil/wetlands.
- Citizen Assemblies for in-depth co-design
- Community education – on gardening/lawns to prevent erosion and sediment. Roof gardens – green infrastructure (developers).
- Plan Change 14 – better inclusions of attenuation (controlled release) and re-use. Betterment when there is re-development.
- Good urban design.

- Spatial plan (Greater Christchurch) - no more hill development. Clear environmental outcomes/controls for development.
- Involving MPs on the ground
- Councils IDS (Infrastructure Design Standards) and CSS (Construction Standard) standards – best practice.
- PR campaign – storytelling to citizens/developers to win hearts and minds of people
- Protecting the money (and ensuring more comes)
- Better regional and district rules – improve targeted compliance and more teams dedicated to implementing

Group 5: Ki uta ki tai – from the mountains to the sea. Facilitator: Georgina St-Ives

- 'Port Hills Plan' - Vision doc. Paul Devlin (ranger) organising a planner. Port Hills is mostly made up of publicly accessible lands. Port Hills Plan also covers biodiversity + appropriate recreation through restoration areas. Talked about having some space just for nature (no people). Paul suggested 'Ki uta ki tai' could be the cornerstone of this plan. Include landowners who want to be part of it. It is a 50 year time span plan. Need to include catchment level planning. Management plan will come out of it. It needs to pull together DOC, CCC, Port Hills Trust. Let's put public \$ into it as good public outcomes.
- Te Kāhahu Kahukura - people working in the field e.g. trappers are pushing to continue all the way to Godley Head. So far we have 1000H protected trust land to plant up. Agree not big enough land area - need to expand it. Need more land to create good habitat. Needs to be more connected. CCC needs to drive it, then related groups can take on aspects of the work. Te Kāhahu Kahukura use many volunteers.
- Extend Te Kāhahu Kahukura
- Port Hills planting mostly through contractors. 450H of land of Port Hills that could be further planted. \$46million. Put a request into LTP. Currently running out of land to plant more as a certain amount needs to be left in tussock grassland. Nurseries can't currently meet supply demand. Capital could go into more rangers to do the planting rather than so much into contractors. Issue is more maintenance costs than buying the planting/having the land. Plus dealing with pest problems. Not enough operations budget once plants are in. Paul is trying to secure 3 years of maintenance. Got capital money already. Need to increase operation on budget i.e. convert some capital into staff, resources etc. Well meaning capital matches with the operation budget - vehicle, chain saws. Paul said all this is already in motion- he is speaking with the Parks Manager.
- Coastal environment as an indicator of what is happening upstream. Help decide what issues are. Monitor the sea. Marine degradation. e.g seagrass issue. Help prioritise particular issues and which catchments to focus on.
- Solution starts at top - i.e. gullies, streams, slopes, etc.
- Surge of storm events is an issue especially for newly planted riparian areas on the land. Can be dealt with through a top-down approach to control erosion
- Children's Bay - issues from grazing happening further up. Not in the creek itself but land around waterways, which adds to erosion issues.
- Cruise ships - issues in Lyttelton harbour
- Geological considerations - some catchments are also more susceptible to higher rates to sediment. Sometimes there is only so much you can do.

- Loess - steep vertical loess slopes are actually quite stable. Focus on gentler slopes for regeneration. Under-runners area a big issue. Plant cabbage trees + harakeke for loess as roots hold in place.
- Te Kāhahu Kahukura - need a similar approach for Akaroa Harbour catchment.
- Te Kāhahu Kahukura. We all need to have a common vision/values. Work with marae to collaborate. First, we need to agree on this vision before looking at detail e.g. looking at soil issues etc.
- Celebrate successes and share them so we can use these as models to do more work. Eg Whaka-Ora is working well. Very functional - 'get on with it' approach. Need to catch people doing the good work.
- Need to do more measuring/evaluating e.g. measure the streams, outflow. Need to measure against baseline data - what is current data telling us - need more current data - e.g. fish population baseline - needs both baseline & current data to measure against. More fish is not just an outcome, but an indicator. Avon Heathcote Estuary Ihutai Trust conducts shellfish surveys - they got funding for this - support through CCC + ECan. Surveys indicate it is very toxic - heavy metals - lead + copper + microbeads + polystyrene. Birds hungry - surveys indicate there are issues further up from the estuary. Pollution issues in Scott Park - children are swimming in the area as attractive since mud taken away. OHRN + AHEIT starting to come together for a common vision.
- Te Kāhahu Kahukura - always intended as a starting point and always intended to extend. Te Kāhahu Kahukura needs to be held.
- Zone Committee not enough money to do work
- How to engage landowners
- How to work with decision makers
- How to start seeing results/if making a difference with work we are doing/do what we need to do to fix it/more action
- How to cut through so much bureaucracy

Group 6: Landowners need to be part of this. Facilitator: Diane Shelander

- Work with nature, not against it
- Start at bottom of the hills to capture the sediment – ambulance at bottom of the cliff so also need to look at other options too, before it goes into waterway or coast
- Flooding flat paddocks in winter to capture sediment (not all landowners have flat areas of land)
- Need to go to landowners with money (incentives)
- Need to do analysis of land – how susceptible to erosion, and where. Use tools like LIDAR, slope analysis
- Change in thinking from early twentieth century – greater awareness of need to think about environment, not just production
- Meet with landowners, share information between landowners – what works, what doesn't. Experts to meet with landowners to find site-specific solutions.
- Doing pilots with landowners to see what works – Ecan doing in North Canterbury – need to do that in Banks Peninsula – catchment by catchment. Example: Hinewai works.
- Many landowners know there's an issue but don't necessarily have the money/help to respond. Many don't have "spare" money
- Look at what land is used for to identify solutions. Helping people to do the right thing. More support from central government, e.g. Jobs for Nature – amped up.
- Plantings would also help with responding to climate change

- Can be regulatory barriers – where planning controls make things more time consuming and expensive
- Need to be able to openly discuss issues without fear of action against landowners
- The costs of dealing with erosion is greater than funds that may be available
- Need to gather intelligence from landowners to identify actions to be taken
- Landowners need help to set up catchment groups and also funding to undertake the actions. Identify freshwater values on farms. Martin from Ecan and Ben from BPZC - forming a catchment group for Wairewa.
- Modest funding over time has achieved quite a bit at Living Springs – fencing streams, planting trees. Got funding through Jobs for Nature – but wouldn't have got it without having done the work they have done over the last 12 years (Living Springs)
- Thinking about creating legacy for children and grandchildren
- Retiring less productive land – something reachable/achievable for landowners

Group 7: A soil conservation programme for Banks Peninsula. Facilitator: Gina Waibl (BPZC)

- Incentives for farmers to swap pines for poplars/willows/natives. Question of whether poplar/willow poles are appropriate at all *[yes perhaps not wanted on BP, but need to accept there is a trade-off, poplar and willow poles have deeper roots and will work better on erosion, and in particular when grazing of stock is continuing land use]*. Should we only look at land use change/natives. Natives like totara, matai, big canopy trees. Tall trees with selective harvesting. *[NB: yes but kanuka and cabbage trees more suitable in first stages if addressing erosion]*
- A trial run/case study on one block of land
- Get landowners talking to each other for best practice – leaders in best practice
- Trials of solutions to identify best practice for each area
- Balance with fire risk especially near residential areas
- Funded site specific advice for landowners
- Encourage farming to be more selective of what areas are farmed and retire/revegetate less productive land
- Technology to reduce the need for expensive fencing
- Ecological surveys to prevent unintended consequences of land use change e.g. grassland species that rely on grazing, rocky outcrop vegetation.
- Sediment basins e.g. Wairewa
- Advocate for ETS to support natives more
- Biodiversity credits to encourage better land use/less intensive land use and more biodiversity
- Support gradual transition for change in land use/land management
- Increased CCC Biodiversity Fund and similar for ECan and other agencies to support ecological projects/improvements
- Address barriers to change
- Identify sediment source locations and provide support to create biodiversity in those locations

Group 8: A different topic. Facilitator: Malcolm Long (OHRN)

- Monitoring effects of sediment in river, in estuary. Benchmarking. Long-term.

- Need for proactive action vs reactive by ECan. Increase in compliance resources.
- Retirement of erosion prone land e.g. McVicar forestry block. Change land use. ETS credits for native bush? Policy/funding available to purchase.
- New RMA needs to restrict development of erosion prone soils (N+BEAct). Intensification leads to run off/hard surfaces. Environmental compensation.
- Cyclone Gabrielle – what if on Port Hills. Would lead to extreme slippage, silting on lower slopes, widespread flooding. Revegetation protects property as well as reducing runoff. Managed retreat from hills and flood plain.
- Fires, fire risk. Poroporo! Do it!
- National understanding of erosion. Not just slips/roading. Pollution, other consequences.
- Who is responsible? Post fire. Post pollution event. Citizen responsibility and involvement. Better, quicker feedback loops

Questions and comments raised after first set of speakers:

- Comment: Mt Pleasant awful. Bad examples of ESC.
- Comment: New slip at Barnett Park.
- Question seeking update of Moepuku Peninsula forestry harvest. Answer was that the harvest is expected to happen this coming Summer, but first they need to get consent from CCC. Comments from other audience members that the harvesting will cause runoff and slash issues. Audience would like an update on this issue.
- Question about at what stage of development or house-build is most problematic in terms of ESC? Answer from Nathan Dougherty that NZ research shows it is 50% during earthworks for development and 50% during earthworks for individual building sites.
- Question of what was meant by ensuring there is not further high risk activities taking place on high risk land. Answer is that there are various planning/policy instruments that help prevent more subdivisions, forestry, roading etc on highly erodible land on the Port Hills but we shouldn't take these for granted as there is pressure for more development. Utilising various advocacy options is important, e.g. Regional Policy Statement.
- Comment: Useful to share practical knowledge
- Question of whether if CCC had \$90M rather than \$9M could they spend this. Answer was yes, but slowly because wouldn't have sufficient staff, contractors, plants, seeds, nursery capacity etc. Also there is more budgeted after the first 10years, out to 30yrs and \$60M in total
- Question about whether CCC is sampling basis regarding how much sediment they are capturing? Answer was that they are doing some, but not enough.
- Comment that change is always happening. Land and land use is always changing. That sometimes water is clean in a particular waterway, and other times not, can enter a development site dirty from land use above.
- Comment that elsewhere in NZ there are situations where forests have not been allowed to harvest if the environmental impacts will be too high.
- Comment that Westmorland is over-developed.
- Comment that the upper end of Bowenvale Valley has a new housing proposed.
- Question about what is being done so that future new houses are of a size and have trees to help minimise sediment.
- Comment about plan changes for intensification.
- Comment about bylaws such as requiring rainwater tanks for new houses on hills.
- Comment about the need to continue retrofitting – proactively building in green-blue infrastructure would be useful
- Request for different processes for more in-depth conversations such as citizen assemblies. This workshop is good but don't get a chance to have more in-depth conversation over time.
- Comment from CCC that while Snap Send Solve is useful, if the compliant/incident report is a matter that requires a fast response, then it is better to email info@ccc.govt.nz as it gets to the right staff faster and therefore can be addressed faster.

- NOTES END -

Community Waterways Partnership

Community Waterways Partnership Hui- All partners MINUTES 07/06/2023

MEETING TIME: 10.00am – 1.30pm

VENUE: Mohoao room, Te Hapua/Halswell Library

ATTENDEES: Georgina St John-Ives (CCC), Colin Meurk, Bruce Craig & Dave Evans (Travis Wetland Trust), Shelley Washington (ECan, Chch-WM Zone Committee), Phil Clunies-Ross (EiQ), Alison Bower (ECan), Matt Wilson (ECan), Ben Alder (Chch Envirohub), Clive Appleton (CCC), Belinda Margetts (CCC), Katie Noakes (CCC), Stephanie Dijkstra (Storm Environmental), Courtney Fale (CCC), Emma Hunter & Briar Inwood (Sustainable Coastlines), Mike Patchett (Water & Wildlife Habitat Trust), Andrea Davis, Gina Waibl & Trudi Bishop (Banks Peninsula Water Zone Committee), Paul Dietsche (ECan), Daryl Poulsen (Healthy Rivers NZ), Cassie Welch (Te Mana Ora), Tanya Jenkins (Avon Heathcote Ihutai Estuary Trust), Hayley Guglietta & Sarah Butterfield (AvON), Conor Fuller & Matt Dodson (GHD), Karen Banwell (Healthy Harbour), Jessica Halsey (EOS Ecology)

APOLOGIES: Jess Halsey (EOS Ecology), Kate Rivers (Rangi Ruru School), Councillor Southworth (ECan), Jackie & Hannah Watkinson (Styx Living Lab), Matthew Punter (Hydrovac), Michele Stevenson (ECan), Jess Newlands (ECan), Little Kiwis Nature Play, Jacan Anderson (Davis Ogilvie), Piet Michau (City Care), Steve Cooke (Beckenham School)

FACILITATOR: Georgina St John-Ives

MINUTES: Courtney Fale

PURPOSE: Discuss progress of CWP to date, opportunities for collaboration, networking and funding awareness, introduction to online hub and potential to discuss ideas for moving forward.

ITEM	TOPIC
1.	Welcome/Introductions – Georgina outlined agenda for this Hui.
2.	<p>CWP Update - Clive has given an overview of the history of the CWP.</p> <p>The partnership was finally launched in 2021 with the intention to focus on ease of facilitating face to face interactions between like-minded organisations/groups.</p> <p>This was interrupted by Covid however there was still some progress despite this barrier.</p> <p>Clive reminded the attendees of the original outcomes and discussed progress on these outcomes.</p> <p>One of the key goals of the CWP is groups coming together to have clear consistent messages.</p> <p>The hope is the groups will be able to communicate the work they are doing and gather support where possible from other Partners to facilitate progress.</p> <p>Development of behaviour change programmes underway – funding available to assist this.</p> <p>Key message – To advocate for important issues, please make submissions to Council. This has a big impact.</p>
3.	<p>Big Ideas – Shelley revised the four ‘big ideas’ which resulted from the July 2021 Hui.</p> <ol style="list-style-type: none"> Skills/resource brokerage system – CWP website will provide the basics for this. Story Telling – The ability to give rivers a voice. CWP website will provide ability for particular groups to showcase stories. More work needs to be done on this. Developing Key Messages – Discussed and tentatively agreed upon at previous meetings. Malcom Long (Ōpāwaho Heathcote River Network) fine-tuned these (with feedback from a variety of sources). The key messages will be available on the website with some being further enhanced by collective resources for partners to use. In 2022 the Chch West

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Item 11

Attachment D

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	<p>Melton Zone Committee (with support from ECan) had a stormwater awareness campaign. Messages for this were widely publicised and resources were made available for partners to use. There will be another campaign this year with resources being made available for partners on the CWP hub. Would like feedback on barriers to utilising resources.</p> <p>4. <u>Geo-specific website map</u> – CWP online hub will provide this function.</p>
4.	<p>CWP Online Hub – Phil has provided an overview of capabilities of the CWP site and how this can be used as a tool for partners to connect and work together.</p> <p>Functions – story site and data hub briefly shown.</p> <p>To be launched ASAP</p>
5.	<p>Funding – Clive discussed availability of funding (100k) through the CCC annual budget for the CSNDC, specifically for community education and awareness programmes. A portion of this funding is being allocated very soon to some of the submissions received to date; within the next few weeks (before the end of current financial year). Opportunities for CWP members to put in applications for funding early in the next financial year. Clive submitting to Council long term plan (LTP) for funding to be doubled from June 2024 onwards.</p> <p>To advocate for this, partners can put forth submissions to the LTP for extra funding.</p> <p>Mike discussed funding the Chch WM Zone Committee also have available (75k) for community projects. Currently in process of revitalising action plan. Once this has been completed the Committee would like to promote and encourage applications for funding.</p>
6.	<p>CWP Litter & Sedimentation Programme –</p> <p>Georgina has encouraged members to support each other's initiatives to encourage success and inspire further collaboration.</p> <p>Guest speakers to share some of their work as follows:</p> <p><u>Emma (Sustainable Coastlines)</u> presented her research findings on pre-production pellet pollution in the Avon – Heathcote Ihutai Estuary. This study was published in the microplastics journal.</p> <p><u>Matt Wilson (ECan)</u> – Discussed actions following on from Emma's findings. His role is to respond to non-consent related contamination events.</p> <p>Management of this issue included:</p> <ol style="list-style-type: none"> 1. Letters sent to industry alerting to the problem. 2. ECan visit industry sites – if room for change direct them to 'operation cleansweep'. 3. Revisit problem sites to follow up. <p>So far,</p> <p>52 out of 54 sites have been visited – 41 relevant, 11 not located.</p> <p>15 follow up letters sent to date including praise or advising follow up would be required.</p> <p>18 return visits required.</p> <p>There are two ways community groups/CWP members can help:</p> <ul style="list-style-type: none"> • make issues known • Help with funding to enable more resources to carry out extra site visits <hr/> <p><u>Tanya (Estuary trust)</u> – Mother of All Clean Up (MOACU)</p> <p>Background: Trial in 2015 3.3tonnes litter collected from water edge sites in Christchurch.</p> <p>Following this success, litter booms reinstated (2018) spurring a significant decline in rubbish collected annually during subsequent MOACU days.</p>

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	<p>However, wanting to focus on behaviour change; encourage people not to litter and to pick litter up.</p> <p>Tanya has introduced MOACU committee members.</p> <p>What next?</p> <ul style="list-style-type: none"> • Encourage other cities to follow suit. • Encourage all CWP members to join in. • Apply for funding to get schools involved. • Compulsory trailer load covering – Suggest to Council to integrate into policy? • Continue ‘pick up 5’ campaign. <p><u>Malcom (Ōpāwaho Heathcote River Network)</u> – Discussed promoting ‘pick up 5’ – This is a simple, easy to do initiative. It applies anywhere and to everyone.</p> <p>Next steps –</p> <ul style="list-style-type: none"> • Professionally design graphic representing this idea. • Professionally designed layout for posters, banners etc. • Domain name purchased “pickup5.nz” • Dedicated info website (CWP hub?) • Resource made available online for CWP members. <hr/> <p><u>Hayley (Avon Ōtakaro Network)/Kate (Without Waste)/Daryl (Healthy Rivers NZ)</u> – AvON original vision to ensure red zone not built on again and maintaining healthy rivers.</p> <p>In river clean initiative developed by Daryl following his frustration of seeing copious amounts of litter in the river. Involves collection and disposal of rubbish in the river by boat. Started Oct 2022.</p> <p>Kate categorises the rubbish, looks for reusable items and uses some as educational resources particularly for working with schools.</p> <p>City Care also provides data on amounts of rubbish.</p> <p>During the 12month trial it is hoped data collected will help advocate for further resource allocation aimed at reducing this problem.</p> <p>Next steps:</p> <ul style="list-style-type: none"> • Ideally 3 sweeps of each section of river over the trial period. • Connect further with community groups, schools etc and use collected items as educational resources to discourage littering. • World rivers day sculpture showing the extent of items turning up in our waterways
7.	<p>Healthy Waterbodies Action Plan – Brief context of Chch waterways provided. Belinda has given an overview of the work she has been doing on the Healthy Waterbodies Action Plan. Discussed Aquatic ecology monitoring (rural waterways in better condition), urban stream syndrome evident in Chch. The Action Plan focuses on how our waterway health can be improved holistically. This work is not legislative but is an indicator of best practice when planning and carrying out restorative work on our waterways. The three main components are:</p> <ul style="list-style-type: none"> • Objectives - Defines healthy waterbody • Goals – Technical details e.g., targets as indicator of health • Tasks – How do we achieve objectives and goals? <p>Funding for tasks acquired through annual and long term plans. Plans incorporated into capital works etc.</p> <p>Draft will be sent to partners via email enabling the opportunity for partners to provide feedback (specifically looking at whether the tasks set are appropriate).</p>
8.	<p>What’s coming up?</p> <ul style="list-style-type: none"> • Check Ecohub calendar

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	<ul style="list-style-type: none"> • Tomorrow night (8/6/23), 7-9pm @ Botanical garden kiosk – environmental network gathering Envirohub AGM • World Rivers Day. Working group already formed. Would be great to have further backing by members. Want to appeal to public. Ideas please for entertainment/fun activities to make it engaging. • Earth week – Sept in line with world rivers day. • In the near future – social get togethers (green drinks) – anyone have speakers in mind relating to waterways health let Georgina or Ben know.
KEY ACTIONS	
Chch West Melton Zone Committee would like feedback on barriers faced to utilising resources that are and will be made available.	
CCC will inform partners when the CWP online hub will be launched (ASAP). This will facilitate the sharing of resources, awareness of initiatives and activities, mapping capabilities and provide a source of partner contacts for communication.	
CWP members can help the plastic pellet pollution by making issues known and any help with funding to enable more resources to carry out extra site visits. ECan will continue follow up particularly with problematic industrial sites.	
MOACU committee plans to apply for funding to work with schools and get them involved in MOACU's. Encourage other cities to start their own MOACU. CWP members can help by becoming involved in MOACU, publicise 'pick up 5' campaign and consider submission to Council for compulsory trailer load coverings. CCC will make information and resources available on CWP hub when possible.	
Pick up 5 initiative to really kick off. Information and resources to be made available online (CWP hub a great location to access this).	
Belinda will circulate the Healthy Waterbodies Action Plan to provide opportunity for feedback. Interested CWP members will provide comments for consideration.	
Clive to put submission to LTP for extra funding. CWP members can also submit to advocate for this.	
CWP members will be able to apply for funding for projects through CCC and/or the Chch West Melton Zone Committee.	
In River Clean Up continuing work in rivers, education and plans to create a sculpture to showcase extent of items turning up in waterways with hops to reveal this on World Rivers Day.	

Karakia Whakamutunga

Karakia Whakamutunga

Closing Prayer

Unuhia, unuhia Unuhia ki te uru tapu nui Kia wātea, kia māmā te ngākau, te tīnana, te wairua i te ara tangata Koia rā e Rongo, whakairia ake ki runga Kia tina! TINA! Hui ē! TĀIKI Ē!	<i>English translation</i> Draw on, draw on, Draw on the supreme sacredness To clear, to free the heart, the body and the spirit of mankind Rongo, suspended high above us (in ‘heaven’) Draw together! Affirm!
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Karakia mō te kai

Prayers for food

Nau mai e ngā hua O te wao O te ngakina O te wai tai O te wai Māori Nā Tāne Nā Rongo Nā Tangaroa Nā Maru Ko Ranginui e tū iho nei Ko Papatūānuku e takoto nei Tūturu whakamaui ki a tina Tina, haumi ē, hui ē Tāiki ē E Rongo, e Rongo Hōmai ngā tipu Hei whakakī i te tīnana Hei oranga Au eke, au eke Hui ē, tāiki ē!	<i>English translation</i> Welcome the gifts of food From the sacred forests From the cultivated gardens From the sea From the fresh water The food of Tāne Of Rongo Of Tangaroa Of Maru I acknowledge Ranginui above me Papatūānuku who lies beneath me Let this be my commitment to all Draw together Affirm! Rongo, Rongo Give us the foods, with which to fill the body, and have health That I may ascend Affirm!
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