
Workshop - Banks Peninsula Water Management Zone Committee AGENDA

Notice of Meeting:

A Workshop - Banks Peninsula Water Management Zone Committee will be held on:

Date: Tuesday 30 April 2024
Time: 4 pm
Venue: Lyttelton Mt Herbert 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
	Amber Moke - 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

22 April 2024

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

Zone Facilitator
Jaimee Grant
Tel: 027 220 2694
Environment Canterbury

Committee Advisor
David Corlett
Tel: 941 5421
Christchurch City Council

Please Note:
This forum has no decision-making powers and is purely for information sharing.

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WORKSHOP ITEMS

2. Committee Members Update

The time allocated for this item is approximately 20 minutes.

3. Workshop - Banks Peninsula Water Management Zone Committee 5

The time allocated for this briefing is approximately 90 minutes.

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 hū	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 Ngā Whakapāha

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

3. Workshop - Banks Peninsula Water Management Zone Committee

Reference Te Tohutoro: 24/665268

Presenter(s) Te Kaipāhō: Jaimee Grant, Zone Facilitator and Melissa Shearer, Environment Canterbury Senior Environment Advisor – Rivers

1. Detail Te Whakamahuki

Timing	This workshop is expected to last for 90 minutes
Purpose / Origin of this Workshop	<p>To receive a presentation on work being undertaken in the zone and region in respect of fish passage and fish screen; and</p> <p>To discuss possible options to support this work in the zone.</p>
Confidentiality	The workshop and any shared information are not confidential.
Background	<p>Background:</p> <p>Each of Waitaha/Canterbury's water zone committees has an action plan which outlines how they will work with the community to deliver their aspirations for freshwater as outlined in the Canterbury Water Management Strategy (CWMS). The current action plan for Banks Peninsula covers the 2021-2024 period.</p> <p>The Banks Peninsula Zone Committee Action Plan 2021-24 includes the following priorities and actions:</p> <ul style="list-style-type: none"> • We will collaborate on practical projects by supporting: The removal of priority barriers to fish passage • We will engage with the community and partner with other organisations to encourage future proofing/resilience about: Mahinga kai,... <p>Instream barriers alter the natural flow of water which many mahinga kai species rely on to migrate and breed. Altered water flow can also lead to erosion of riverbanks and disruption of mahinga kai habitats.</p> <p>Environment Canterbury have undertaken fish passage assessments within the Banks Peninsula zone adding to the collective assessment data gathered by Department of Conservation and Christchurch City Council.</p>

Presentation:

The presentation given by Melissa Shearer, Senior Environmental Advisor, Environment Canterbury, provides a brief overview on behalf of Environment Canterbury and the Department of Conservation of the progress towards understanding issues relating to fish passage through instream structures.



Information is provided on:

- ID of fish passage issues, focus on Banks Peninsula
- Fish Passage Guidelines and Fish Passage Assessment Tool
- NES / NPS fish passage requirements
- Prioritising remediation
- Challenges and where to next

Discussion:

- How can the Committee support the improvement of fish passage in the Banks Peninsula zone, in particular, those identified as a priority?
- Consider:
 - What is within the Committee's scope of what can be achieved?
 - What tools can the Committee use to influence/advocate/support/educate to improve fish passage in the zone and implementation of fish screens?
 - Who needs to be involved?

Attachments Ngā Tāpirihanga

No.	Title	Reference	Page
A  	Fish Passage Presentation - 30 April 2024	24/665206	7

Signatories Ngā Kaiwaitohu

Author	David Corlett - Democratic Services Advisor
Approved By	Not applicable



Progress towards improving fish passage at instream structures

Presentation to Banks Peninsula Zone
Committee

30 April 2024

Item 3

Attachment A

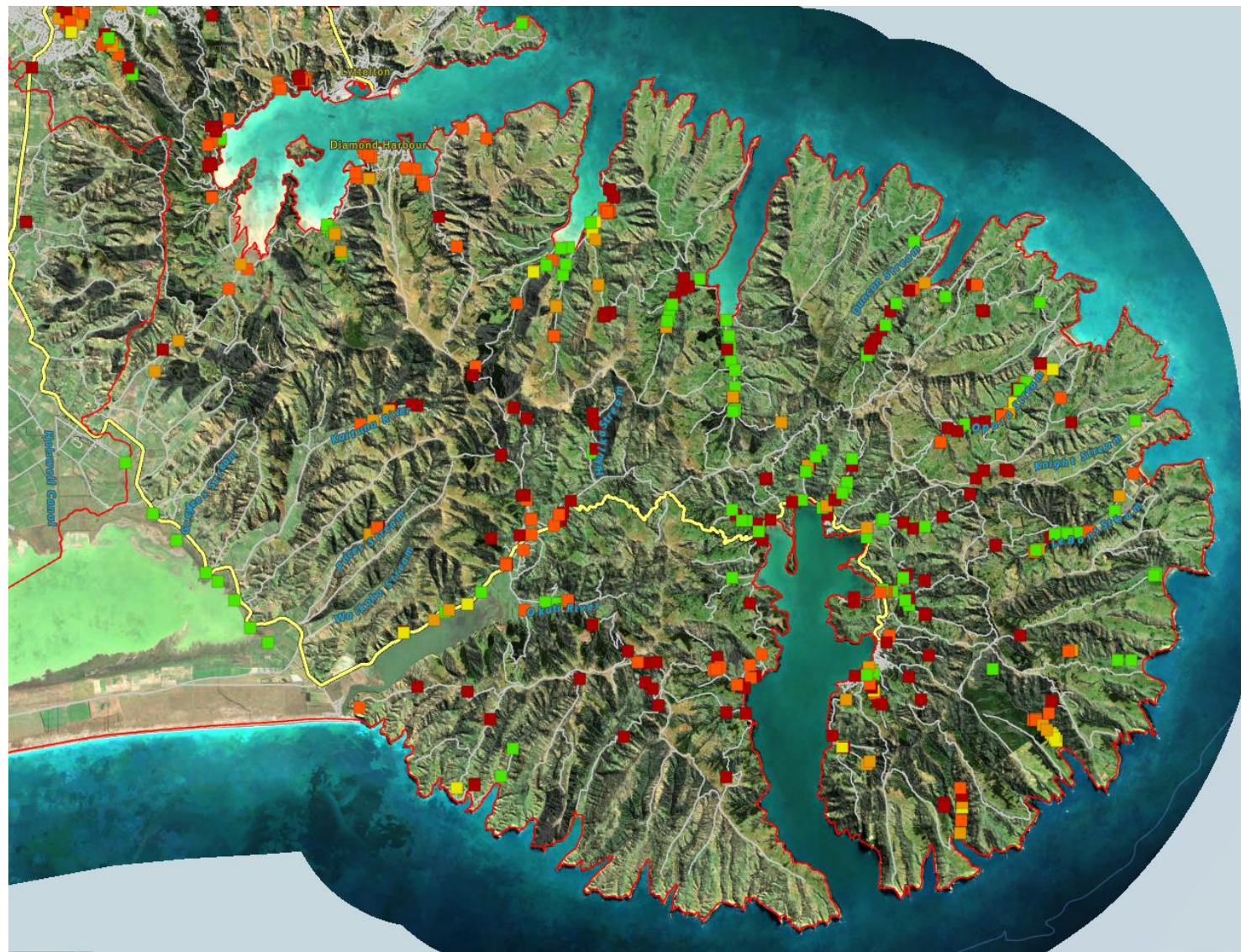
Covering

- ID of fish passage issues, focus on Banks Peninsula
- Fish Passage Guidelines and Fish Passage Assessment Tool
- NES / NPS fish passage requirements
- Prioritising remediation
- Challenges and where to next



Colours are a traffic light system representing the level of risk to passage at the assessed structures.

Green = Very low risk
Yellow = Low risk
Light orange = Medium
Dark orange = High Risk
Red = Very High Risk



Fish Passage Guidelines and Fish Passage Assessment Tool

- FPAT – a mobile app designed as a ‘citizen science’ tool to help collect in field data about an instream structure to provide a risk to fish passage score. The FPAT is nationally promoted as the preferred tool for assessing fish passage issues although there are alternative approaches.
- NIWA released the NZ Fish Passage Guidelines in 2018. This is a national guideline which sets out design principles to enable fish passage through a variety of instream structures. This includes new installations and options for remediation of existing structures.

Links to both provided at the end of this presentation for future reference



NES / NPS fish passage requirements

- A topic of significance in the 2020 freshwater package is improving fish passage, which has seen in the inclusion of fish passage design regulations in the National Environmental Standard and clear policy direction in the National Policy Statement.
- A bit of uncertainty as to the current Governments approach to these national planning documents, but assuming business as usual at present.
- Notably, is the requirement for each region to produce a Fish Passage Action Plan. This plan sets the strategic framework for assessing and prioritising all instream structures for improving fish passage.
- The Canterbury Action Plan drafting is a work in progress.
- DOC are drafting up advice to guide compliance with the regulations and to support the drafting of the Action Plans (awaiting release).



Prioritisation approach for remediation

- NIWA are also developing a webmap/online tool that helps regions identify the biggest bang for buck structures for remediation.
- It will rank structures in terms of providing the largest area gain for connectivity and those that if they are ‘fixed’ would resolve a significant portion of the current restriction to passage.
- The tool can also be used to create regular reports to track progress towards barrier remediation and improvements in habitat connectivity (one of the requirements of the NPS)
- Canterbury needs to get on the “to do” list for NIWA and this can be quite an expensive piece of work so watch this space.



Getting action happening

- FPAT to assess instream structures
- Utilising existing consent held by Environment Canterbury to enable works on the ground
- Applications to the Fish Habitat Fund to help with costs (if successful)



Challenges

- Uncertainty in national direction relating to NES and NPS, long timeframes for Planning amendments
- Costs of remediation projects and limited funding available
- Limited experience in design and delivery of fish passage fixes (design and construction)

Next steps

- Continue work on Canterbury Fish Passage Action Plan, including community and stakeholder engagement, with a focus on prioritisation of catchments or zones
- Get Canterbury on the To Do List for the NIWA Shiny Map tool
- Watch this space for improved national guidance and direction

References / resources

<https://niwa.co.nz/freshwater/management-tools/fish-passage-assessment-tool>

<https://niwa.co.nz/freshwater/research-projects/new-zealand-fish-passage-guidelines>

<https://www.doc.govt.nz/nature/habitats/freshwater/fish-passage-management/>

<https://www.ecan.govt.nz/your-region/farmers-hub/farming-around-rivers-and-streams/managing-in-stream-structures/>

<https://www.ecan.govt.nz/your-region/your-environment/river-and-drain-management/climate-resilience-and-flood-protection-funding/fish-passage-remediation/>

<https://shiny.niwa.co.nz/barrier-assessment/>





*Taking action together to shape a thriving and
resilient Canterbury, now and for future generations.*

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www.ecan.govt.nz

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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