
Christchurch West Melton Water Management Zone Committee AGENDA

Notice of Meeting:

A meeting of the Christchurch West Melton Water Management Zone Committee will be held on:

Date: Thursday 23 March 2023
Time: 7pm
Venue: Ōtākaro Orchard, 227 Cambridge Terrace

Membership

Chairperson	Annabelle Hasselman - Community Representative
Deputy Chairperson	Mike Patchett - Community Representative
Members	Helen Rutter - Community Representative
	Shona Sluys - Community Representative
	Brynlea Stocks - Community Representative
	Cailin Richardson-Hall - Community Representative
	Clare Piper - Community Representative
	<i>Vacant</i> – Councillor Christchurch City Council
	Tyla Harrison-Hunt - Te Taumutu Rūnanga
	Councillor Greg Brynes - Councillor Environment Canterbury
	Councillor Phil Dean – Councillor Selwyn District Council
	Arapata Reuben – Te Ngāi Tūāhuriri Rūnanga
	Kākatī Royal - Te Hapū o Ngāti Wheke/Rapaki
	Oscar Bloom - ECan Youth Rōpū

16 March 2023

Zone Facilitator
Shelley Washington
Tel: 027 294 5219
Environment Canterbury

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

Committee Advisor
Luke Smeele
Tel: 941 6374
Christchurch City Council

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Christchurch West Melton Water Management Zone Committee

Members' Register of Interests – 2023

Name/Organisation	Interests
Annabelle Hasselman	<ul style="list-style-type: none"> Chair Ōpāwaho Heathcote River Network Shareholder Fulton Ross Team Architects <ul style="list-style-type: none"> Director and Shareholder (Spouse) W H Fulton Family Trust – Trustee (Spouse) – Shares in Fulton Hogan
Arapata Reuben	<ul style="list-style-type: none"> Trustee – Tuahiwi Marae Trustee – Tuhono Trust Trustee – Mana Waitaha Charitable Trust Member – National Kiwi Recovery Group
Oscar Bloom	<ul style="list-style-type: none"> Student at the University of Canterbury
Mike Patchett	<ul style="list-style-type: none"> Chair, Water and Wildlife Habitat Trust Trustee, The Eco-Action Nursery Trust
Brynlea Stocks	<ul style="list-style-type: none"> Employed by Environment Canterbury
Clare Piper	<ul style="list-style-type: none"> Employed by Christchurch City Council
Cailin Richardson-Hall	<ul style="list-style-type: none"> Passion for Sustainability
Tyla Harrison-Hunt	<ul style="list-style-type: none"> Christchurch City Council Councillor Mahaanui Kurataiao Taumutu representative Kaitaikitanga portfolio holder - Taumutu
Greg Brynes	<ul style="list-style-type: none"> General Manager Te Kōhaka o Tūhaitara Trust Member Environmental Defence Society, Forest & Bird The Sydenham Socialist & Motorcycle Enthusiast Society

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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. Identification of General Public Contributions

4. Deputations by Appointment

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

5. Presentations by the Community

- <Enter Details>
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6. Confirmation of Previous Minutes

That the minutes of the Christchurch West Melton Water Management Zone Committee meeting held on [Thursday, 24 November 2022](#) be confirmed (refer page 5).

7. Matters Arising from the Minutes

8. Identification of Urgent Items by Committee Members

Raised items will be discussed in Other Matters.

Christchurch West Melton Water Management Zone Committee OPEN MINUTES

Date: Thursday 24 November 2022
Time: 6:02pm
Venue: Woolston Community Library Hall 689 Ferry Road,
Woolston

Present

Chairperson Annabelle Hasselman - Community Representative
Deputy Chairperson Mike Patchett - Community Representative
Members Brynlea Stocks - Community Representative
Clare Piper – Community Representative
Cailin Richardson-Hall – Community Representative
Representative to be appointed - Christchurch City Council Elected Representative
Representative to be appointed - Councillor Environment Canterbury
Representative to be appointed - Selwyn District Council
Oscar Bloom - Youth Representative

In attendance: Will Todhunter , Jess Newlands (Environment Canterbury); John Benn (Department of Conservation), Frank Hill, Richard Sands, Clint Thompson (Christchurch Ready Mix Concrete); Brian Court, Lesley Court, Elliot Dowie (Tunnel Wash); Rachel Barker, Chrissie Williams (Ōpāwaho Heathcote River Network); and Cr Greg Brynes (Environment Canterbury).

Zone Facilitator
Shelley Washington
Tel: 027 294 5219
Environment Canterbury

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

Committee Advisor
Luke Smeele
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Christchurch City Council

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

Karakia Timatanga: Annabelle Hasselman

The agenda was dealt with in the following order.

1. Apologies

Committee Resolved CWZC/2022/00018

That the apologies received from Helen Rutter be accepted.

Annabelle Hasselman/Clare Piper

Carried

2. Declarations of Interest

There were no declarations of interest recorded.

3. Identification of General Public Contributions

There was a short presentation from a member of the public, Frank Hill. He shared his concerns that ratepayers in Christchurch contribute most (\$50Million) of the ratepayer basis for how the Canterbury Water Management Strategy is funded, yet he believes that most of this budget is spent in other more rural zones rather than Christchurch City. He also commented that Environment Canterbury raised rates by 20% last year. He also argued that the Zone Committee has given up its' commitment to improving the health of Addington Brook and that Environment Canterbury should be paying to improve the health of Addington Brook, rather than Christchurch City Council. He also suggested that the Committee provide input to Environment Canterbury's annual plan suggesting they put money into improving the health of Addington Brook and spend more of the CWMS budget in the city. Frank was argued that the stormwater treatment proposed as part of Christchurch City Council's masterplan for Addington Brook is focused on cleaning up the water quality after it comes out of industrial and residential areas rather than stopping the pollution at source.

4. Deputations by Appointment

There were no deputations by appointment.

5. Presentations by the Community

- Presentation by Rachel Barker – (Refer to Item 12).

6. Confirmation of Previous Minutes

Committee Resolved CWZC/2022/00019

That the minutes of the Christchurch West Melton Water Management Zone Committee meeting held on Thursday, 25 August 2022 be confirmed.

Oscar Bloom/Mike Patchett

Carried

7. Matters Arising from the Minutes

None.

8. Identification of Urgent Items by Committee Members

None.

9. Stormwater Superhero Awards

Committee Chair Annabelle Hasselman delivered a speech expressing the thanks and appreciation of the Committee to the winners of the Stormwater Superhero awards, Christchurch Ready Mix Concrete and Tunnel Wash for work that they have done ensuring their businesses implement practices which prevent pollution to stormwater and therefore also prevents pollution of waterways. Tunnel Wash received the Champion Stormwater Superhero Award, and Christchurch Ready Mix Concrete received the Stormwater Superhero Award.

Tunnel Wash was represented by Brian Court, Lesley Court, and Elliot Dowie. Christchurch Ready Mix Concrete was represented by Richard Sands and Clint Thompson.

The Committee noted that the recommendation referring to following up the awards by supporting these businesses with publicity of them as receivers of the Awards and stormwater superhero key messages is something the Environment Canterbury communications staff will work on if these businesses would like some support, rather than Committee members doing this themselves.

Committee Resolved CWZC/2022/00020

That the Christchurch West Melton Water Management Zone Committee:

1. Award the Champion Stormwater Superhero Award to Ready Mix Concrete
2. Award the Stormwater Superhero Award to Tunnel Wash
3. Publicise the winners.
4. Provide assistance to the winners with sharing publicity about their awards and some of the stormwater superhero key messages, if desired
5. Reviews the award promotion and selection process to inform the development of an improved Stormwater Superhero awards programme for 2023.

Oscar Bloom/Brynlea Stocks

Carried

10. Surface Water Quality Annual Report 2021

The Committee commented that having a Healthy Waterways Action Plan for the main five catchments will be an excellent step towards further increasing the health of waterways throughout Christchurch. Committee members stated they are excited about working with their partners in Christchurch City Council and Environment Canterbury to achieve positive results.

Committee Resolved CWZC/2022/00021

That the Christchurch West Melton Water Management Zone Committee:

1. Recognises and supports the Christchurch City Council initiative to develop the draft Healthy Waterways Action Plan and the opportunity it provides for implementing long term change for urban waterways in Christchurch.

2. Advocates for a collaborative partnership to build community engagement and political support for the Healthy Waterways Action Plan.
3. Collaborates with partners involved in the Community Waterways Partnership in this advocacy.

Annabelle Hasselman/Mike Patchett

Carried

11. Cashmere and Port Hills Working Group

Chrissie Williams presented to the Committee about erosion and sediment in the Ōpāwaho/Heathcote River catchment, Cashmere Stream and the tributaries of Cashmere Stream on behalf of the Ōpāwaho Heathcote River Network. Chrissie focused on sediment as a physical contaminant is a focus of the report. Water clarity is a useful measure of sediment and it significantly impacts the health of this catchment and water clarity is poor. Cashmere Stream water clarity has 85% of hill tributaries being rated as extremely poor.

Sediment affects the water quality and aquatic ecology of the Ōpāwaho/Heathcote River. Erosion in the Port Hills is due to loess, a highly erodible soil that gets washed into waterways. Loess is made up of very fine particles that remain in suspension for a long time and prevent them from clumping together and settling. Erosion is exacerbated by soil disturbance from heavy rain causing slips, tunnel gullies, slumps and stream-bank collapse; particularly where the soil has been disturbed and vegetation cover reduced by earthworks from agriculture and forestry work; cycle and vehicle tracks, road construction and fire.

Controlling erosion and sediment on the Port Hills should aim to stabilise and prevent erosion before it gets started and prioritise steep north facing slopes with the highest potential for tunnel-gully erosion. Establishing and maintaining a persistent and healthy vegetation cover on the Port Hills is crucial to protecting these waterways.

The amount of sediment and where it comes from varies between tributaries but a large amount of the sediment is most likely coming from the hill based tributaries in the Cashmere Stream Catchment.

The Committee noted that they would like to contact Chris Phillips from Manaaki Whenua Landcare Research who is conducting ongoing research into erosion and sediment control in other parts of New Zealand to see how their research could be utilised on the Port Hills, or whether local work is required. Manaaki Whenua has previously done erosion and sediment control research for Environment Canterbury on the Port Hills and Banks Peninsula.

The Committee stated their wish to continue to support for and active commitment to, the Cashmere and Port Hills Working Group of the Zone Committee and the implementation of actions of this working group.

Refer to the minutes attachment document for presentation.

Committee Resolved CWZC/2022/00022

That the Christchurch West Melton Water Management Zone Committee:

1. Receive the background information on the status of the existing Cashmere Stream and Port Hills Working Group of the Christchurch West Melton Water Zone Committee.

2. Receive the information and suggested next actions from the Ōpāwaho Heathcote River Network. This results from the Network considering the knowledge shared at the joint July 2022 Ōpāwaho Heathcote River Network and Cashmere Stream and Port Hills Working Group sediment workshop and a literature and information review conducted afterwards.
3. Strengthens the effectiveness of the Cashmere Stream and Port Hills Working Group by:
 - a. Recognizing the priority catchment remains the Cashmere Stream Catchment and Ōpāwaho/Heathcote River Catchment due to the scale of the problem in this catchment resulting from the catchment including the steep loess soils of the Port Hills.
 - b. That any recommendations and actions based on this Working Group's efforts be applied to the other main catchments in the Christchurch West Melton Zone where they are relevant and can be transferred.
 - c. Establish a small task group of the Zone Committee to draft a revised terms of reference for this Working Group that strengthens its purpose, leadership and collaborative membership. The task group is to share this draft with existing members of the Working Group to get their feedback, and then present a proposed new terms of reference to the Zone Committee at a future meeting of the Committee.
4. Engage with the Banks Peninsula Water Zone Committee and Whaka Ora Healthy Harbour group to seek to collaborate with them on improving erosion and sediment control in the Christchurch West Melton and Banks Peninsula water management zones.
5. Liaise with Christchurch City Council on the development and implementation of their Programme for Stormwater Port Hills and Lyttelton Harbour Erosion and Sediment. The budget for this programme begins in 2022-2023 and continues to 2030-2031, increasing gradually every year, totalling \$9 Million over 10 years.

Clare Piper/Mike Patchett

Carried

Attachments

- A Overview - Cashmere Stream and Port Hills Working Group

12. Ngā Puna Wai, Restoring the mauri of urban freshwater springs: Cashmere Stream and Ōpāwaho Heathcote River headwaters.

Rachel Barker, representing the Ōpāwaho Heathcote River Network, presented to the Committee the freshwater springs scoping report, which was funded by the CWMS Action Plan Budget to increase understanding of the natural and human pressures on freshwater springs and how to mitigate them. The presentation covered what a spring was, how they function and what the recipe for a healthy spring could be.

Refer to the minutes attachment document for the presentation.

Committee Resolved CWZC/2022/00023

That the Christchurch West Melton Water Management Zone Committee:

1. Receive the information in the report from the Ōpāwaho Heathcote River Network on the progress of the project: Ngā Puna Wai, Restoring the mauri of urban freshwater springs: Cashmere Stream and Ōpāwaho Heathcote River headwaters.

Annabelle Hasselman/Clare Piper

Carried

13. Develop early input to Councils' Annual Plans for 2022-2023

The Committee discussed and decided on the key inputs they would like to have into the Christchurch City Council, Selwyn District Council and Environment Canterbury Annual Plans.

Committee Resolved CWZC/2022/00024

That the Christchurch West Melton Water Management Zone Committee:

1. Provides the following early annual plan input to the Christchurch City Council:
 - Support further development of the Healthy Waterways Action Plan. Provide support for the implementation of the actions within this action plan.
 - Maintain and increase support for the effective development of the Community Waterways Partnership. Increase speed of progress of the behaviour change programme within the Partnership.
 - That both Councils jointly conduct an independent audit of the environmental effectiveness of the regulatory instruments, arrangements and capacity building applying to erosion and sediment control and contaminated stormwater management. That this audit used to improve the regulatory frameworks, instruments and environmental outcomes for waterways within our Zone.
 - That both Councils advocate to central government, the environmental problems associated with erosion and sediment control from developments on highly erodible hillsides and requests that these be subject to tighter requirements or restrictions.
 - Support for, active commitment to, the Cashmere and Port Hills Working Group of the Zone Committee. Support the implementation of actions of this working group, such as updating the LIDAR based desktop mapping of high erosion risk areas and conducting the physical identification of sources of sediment during or after heavy rain.
 - All waterways are important and need action.
 - Continue advocating to central government that central government assists with finding solutions to zinc and copper pollution.
 - Conduct faecal source tracking on waterways where this data does not exist. For waterways with faecal source tracking showing a significant contribution by waterfowl, undertake effective action to significantly reduce waterfowl numbers.
 - Support educational programmes in schools about waterways and stormwater.
2. Provides the following early annual plan input to Environment Canterbury:
 - Continue and increase the budget available for the CWMS Action Plan Budget in our zone
 - Support further development of the Healthy Waterways Action Plan that Christchurch City Council has initiated. Provide support for the implementation of the actions within this action plan.

- Maintain and increase support for the effective development of the Community Waterways Partnership. Increase speed of progress of the behaviour change programme within the Partnership.
 - That both Councils jointly conduct an independent audit of the environmental effectiveness of the regulatory instruments, arrangements and capacity building applying to erosion and sediment control and contaminated stormwater management. That this audit used to improve the regulatory frameworks, instruments and environmental outcomes for waterways within our Zone.
 - That both Councils advocate to central government, the environmental problems associated with erosion and sediment control from developments on highly erodible hillsides and requests that these be subject to tighter requirements or restrictions.
 - Support for, active commitment to, the Cashmere and Port Hills Working Group of the Zone Committee. Support the implementation of actions of this working group, such as updating the LIDAR based desktop mapping of high erosion risk areas and conducting the physical identification of sources of sediment during or after heavy rain.
3. Provides the following early annual plan input to the Selwyn District Council:
- That both Councils advocate to central government, the environmental problems associated with erosion and sediment control from developments on highly erodible hillsides and requests that these be subject to tighter requirements or restrictions.
 - All waterways are important and need action
 - Advocate to central government that central government assists with finding solutions to zinc and copper pollution.
 - Support educational programmes in schools about waterways and stormwater.

Annabelle Hasselman/Oscar Bloom

Carried

Attachments

- A Erosion and Sediment in the Ōpāwaho Catchment - Chrissie Williams
- B Freshwater Springs scoping report - OHRN Committee - Presentation by Rachel Barker

14. Facilitators Update – 24 November 2022

The Committee discussed the facilitators update report and thanked Shelley Washington for her excellent work throughout the year. Committee members briefly reported on a recent meeting they had with communications staff to discuss how the Stormwater Superhero awareness campaign had gone, and what the opportunities may be for continuing and further focusing this approach by the Committee in the future.

Committee Resolved CWZC/2022/00025

That the Christchurch West Melton Water Management Zone Committee:

1. Receive the Facilitators report.

2. Has a workshop in early 2023 to focus on next steps for the Stormwater Superhero awareness campaign and use of trailer by committee.

Annabelle Hasselman/Oscar Bloom

Carried

Karakia Whakamutunga: Annabelle Hasselman

Meeting concluded at 8:25pm.

CONFIRMED THIS 23 DAY OF FEBURARY 2023

**ANNABELLE HASSELMAN
CHAIRPERSON**

9. 2023 Election of Chair and Deputy Chair, and Committee Meeting Dates

Reference Te Tohutoro: 23/373026

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 the Christchurch West Melton Water Management Zone Committee to Elect the Chair and Deputy Chair for 2023, as set out in the Terms of Reference (**Attachment A**);
- 1.2 Review and amend, if needed, meeting dates and times.

2. Officer Recommendations Ngā Tūtohu

That the Christchurch West Melton Water Management Zone Committee:

1. Elect the Chair and Deputy Chair.
2. Meet in 2023 between 6-8.30pm on the following Thursdays:
 - a. 23 February (meeting and workshop)
 - b. 23 March (meeting and workshop)
 - c. 27 April (joint workshop with Banks Peninsula Zone Committee and Whaka Ora Healthy Harbour, with other key stakeholders invited)
 - d. 25 May (meeting and workshop)
 - e. 22 June (TBC)
 - f. 27 July (TBC)
 - g. 24 August (TBC)
 - h. 28 September (TBC)
 - i. 26 October – (TBC)
 - j. 23 November – (TBC).
 - k. And that the Committee discusses at the conclusion of the 25 May meeting, whether to continue the format of a meeting and workshop at each date or whether to go back to alternating between a meeting one month and a workshop the next. Discussion to include feedback from all committee members present as well as Committee Advisor and Zone Facilitator.

3. Report Te Pūrongo

The Zone Committee

- 3.1 The Christchurch West Melton Water Management Zone Committee is established under the auspices of the Local Government Act 2002 in accordance with the Canterbury Water Management Strategy 2009 (CWMS).
- 3.2 The Committee is a joint committee of Christchurch City Council, and Environment Canterbury.
- 3.3 The purpose of the Committee is to uphold the mana of the freshwater bodies within their zone by facilitating enduring land and water management solutions that give effect to the Canterbury Water Management Strategy vision, principles and targets in their zone.
- 3.4 Committee functions include:
 - Facilitating community engagement and collaboration.
 - Facilitating the provision of advice through to councils and others contributing to freshwater management.
 - Enhancing delivery capability and coalition of the willing – working with stakeholders across all sectors to extend the resources available to implement the CWMS.
 - Progress annual reporting to the CWMS partners on progress towards delivery of the zone-specific priorities and CWMS target areas identified in the Committee's Action Plan.
- 3.5 The purpose and functions of the Committee are fulfilled by preparing a Zone Committee Action Plan to cover a three-year period that focuses on 3 to 5 priorities.
- 3.6 The Committee does not have the authority to commit any council to any path or expenditure and its recommendations do not compromise the Council's freedom to deliberate and make decisions.
- 3.7 The Committee does not have the authority to submit on proposed Resource Management or Local Government Plans.

Operating Philosophy

- 3.8 The Committee will always operate in accordance with the requirements of the Local Government Official Information and Meetings Act 1987 and Standing Orders of Territorial Authorities.
- 3.9 The Committee will observe the following principles:
 - 3.9.1 Be culturally sensitive observing Ngāi Tahu tikanga.
 - 3.9.2 Apply a Ki Uta Ki Tai (from the mountains to the sea) holistic approach that also enables cultural elements including mahinga kai philosophies held by mana whenua to be encompassed.
 - 3.9.3 Consider and balance the interests of all water interests in the region in debate and decision making.
 - 3.9.4 Work in a collaborative solution-focused approach using best endeavours to reach solutions that take account of interests of all sectors of the community.
 - 3.9.5 Contribute knowledge and perspectives but not promote the views or positions of any interest or stakeholder group.

- 3.9.6 Promote a philosophy of integrated water management to achieve multiple objectives of the range of interests in water.
- 3.9.7 Seek consensus in decision-making. If neither unanimous agreement can be reached nor a significant majority view formed, in the first instance seek assistance from an external facilitator to further Committee discussions and deliberations. Where the Committee encounters fundamental disagreements, despite having sought assistance and exhausted all avenues to resolve matters, recommend that respective Councils disband them and appoint a new Committee.

Elections

- 3.10 Each year, the Committee shall appoint the Chair and Deputy Chair from the membership by simple majority. There is no limit on how long a person can be in either of these positions.
- 3.11 The current Chair is Annabelle Hasselman. The Deputy is Mike Patchett.

Process to Elect of Chair and Deputy Chair

A local authority or a committee (if the local authority has so directed) must determine by resolution that a person be elected or appointed by using one of the following systems of voting:

- (a) [System A]; or
- (b) [System B].

System A

- (a) requires that a person is elected or appointed if he or she receives the votes of a majority of the members of the local authority or committee present and voting; and
- (b) has the following characteristics:
 - (i) there is a first round of voting for all candidates; and
 - (ii) if no candidate is successful in the round there is a second round of voting from which the candidate with the fewest votes in the first round is excluded; and
 - (iii) if no candidate is successful in the second round there is a third, and if necessary subsequent round of voting from which, each time, the candidate with the fewest votes in the previous round is excluded; and
 - (iv) in any round of voting, if 2 or more candidates tie for the lowest number of votes, the person excluded from the next round is resolved by lot.

System B


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

[cl. 25, Schedule 7, LGA]

Meeting Dates and Times

- 3.12 The Committee will formally meet at least four times per annum and will hold workshops and host additional community engagement opportunities as required throughout the year. At times, the workload will be substantially higher.
- 3.13 The Committee can decide on the location of meetings to encourage greater engagement on issues in particular areas.

Attachments Ngā Tāpirihanga

No.	Title	Reference	Page
A 	Christchurch West Melton ZC - Terms of Reference - 10 June 2021	23/202183	18

CWMS Zone Committees – Revised Terms of Reference 2020

Confirmed by Canterbury Regional Council (10 December 2020)

Canterbury Water Management Strategy (CWMS) – Terms of Reference

Christchurch West Melton Water Management Zone Committee

AREA

The Canterbury Water Management Strategy zone map is attached at the foot of this document. The Christchurch West Melton Water Management Zone is shown on [this map \(bit.ly/2QYNWUu\)](https://bit.ly/2QYNWUu).

The Christchurch West Melton Water Management Zone includes the takiwā of Te Ngāi Tūāhuriri Rūnanga, Te Hapū o Ngāti Wheke Rūnanga and Te Taumutu Rūnanga, and the administrative areas of Christchurch City Council, Selwyn District Council and Environment Canterbury.

The geographic area covered is approximately 510 km² and includes the lower parts of the Waimakariri River, aquifers that are part of the Canterbury Plains groundwater system, and the catchments of the: Ōtūkaikino Creek, Styx River/Pūrākaunui, Avon River/Ōtākaro, Heathcote River/Ōpāwaho, the Avon-Heathcote Estuary/Ihutai and the upper part of the Halswell River/Huritini catchment.

BACKGROUND

The committee is an expression of the partnership between Christchurch City Council and Selwyn District Council, Environment Canterbury (the Regional Council), Te Ngāi Tūāhuriri Rūnanga, Te Hapū o Ngāti Wheke Rūnanga and Te Taumutu Rūnanga, and local communities to implement the Canterbury Water Management Strategy.

The committee is established under the auspices of the Local Government Act 2002 in accordance with the Canterbury Water Management Strategy 2009.

The committee is a joint committee of Christchurch City Council, Selwyn District Council and Environment Canterbury (the Regional Council).

Relevant Territorial Authority Standing Orders apply to the operation of the committee. This includes requirement to make a declaration of conflict of interest, keeping a register of interests and guidance on attendance and absences at meetings.

The committee will work as a committee and as individual members in accordance with Canterbury Water Management Strategy Zone Committee Code of Conduct.

PURPOSE AND FUNCTIONS

The Committee's purpose is to uphold the mana of the freshwater bodies within their zone by facilitating enduring land and water management solutions that give effect to the Canterbury Water Management Strategy vision, principles and targets in their zone.

The committee functions include:

- a. **Facilitating community engagement and collaboration** – continuing an active programme of engaging with communities on freshwater management matters; and
- b. **Facilitating the provision of advice** through to councils (relevant Territorial Authorities and Environment Canterbury) and others (e.g. private sector) contributing to freshwater management; and
- c. **Enhancing delivery capability and coalition of the willing** – working with stakeholders across all sectors to extend the resources available to implement the CWMS, including connecting others to additional resources and seeking opportunities to promote, support, leverage and expand catchment-based initiatives that deliver the CWMS; and
- d. **Progress Reporting** – annual progress reporting to CWMS partners on progress towards delivery of the zone-specific priorities and CWMS target areas identified in the Zone Committee Action Plan.

ZONE COMMITTEE ACTION PLAN AND PROGRESS REPORT

1. Ensure the purpose and functions of the committee are fulfilled by preparing a Zone Committee Action Plan that:
 - a. Covers a three-year period
 - b. Focuses on three – five priorities
 - c. States objectives that the zone committee is seeking to achieve
 - d. States the actions that the zone committee will take to achieve the objective
 - e. States SMART measures to track actions and outcomes.
2. Review and amend the Zone Committee Action Plan at the beginning of every year to ensure the zone committee is still in agreement with the priority areas and the actions are still those the zone committee believes will achieve their objectives.
3. Prepare a Progress Report annually that:
 - a. Highlights the actions of the zone committee and the progress it has made toward its objectives.
 - b. Identifies the challenges and opportunities the zone committee see in the coming year.
 - c. Present the report to CWMS partners.

4. In developing the Zone Committee Action Plan, the committee must work within and be aligned to the:
 - a. Zone Committee Terms of Reference.
 - b. Canterbury Water Management Strategy and Targets.
5. In developing the Zone Committee Action Plan, the committee will also be guided by:
 - a. Committee's Zone Implementation Programme and Zone Implementation Programme Addendum.
 - b. Iwi management plans that cover the zone.
 - c. Community engagement and feedback.
 - d. The triennial 'letter of shared priorities' providing joint direction on priorities for the zone committee from the relevant Territorial Authorities, Environment Canterbury and Rūnanga.

LIMITATIONS OF POWER

The Committee does not have the authority to commit any Council to any path or expenditure and its recommendations do not compromise the Council's freedom to deliberate and make decisions.

The Committee does not have the authority to submit on proposed Resource Management or Local Government Plans.

COMMITTEE MEMBERSHIP

The committee will comprise:

1. One elected member appointed by Christchurch City Council and Selwyn District Council respectively.
2. One elected member appointed by Environment Canterbury.
3. One nominated representative from Te Ngāi Tūāhuriri Rūnanga, Te Hapū o Ngāti Wheke Rūnanga and Te Taumutu Rūnanga, with provision for an alternate Rūnanga member to attend zone committee meetings where desired.
4. Between 4-7 community members with provision that this number may be exceeded if Christchurch City Council, Selwyn District Council and Environment Canterbury agree. Community members are to be appointed in accordance with the process below.
5. One youth representative may be added to committee (in addition to the 4-7 community members) on recommendation of the zone committee on a case-by-case basis.
6. Where a youth representative is recommended, expressions of interest will be drawn from Environment Canterbury's Youth Rōpū, Christchurch City and Selwyn District Youth Councils and Te Ngāi Tūāhuriri Rūnanga, Te Hapū o Ngāti Wheke Rūnanga and Te Taumutu Rūnanga, and confirmed by Christchurch City Council,

Selwyn District Council and Environment Canterbury.

7. Christchurch City Council and Selwyn District Council and Environment Canterbury will appoint their own representatives on the Committee. Te Ngāi Tūāhuriri Rūnanga, Te Hapū o Ngāti Wheke Rūnanga and Te Taumutu Rūnanga will appoint their representatives and notify Christchurch City Council, Selwyn District Council and Environment Canterbury.
8. Proxies or alternates are not permitted except for Rūnanga, Christchurch City Council and Selwyn District Council representatives.
9. Any Committee may co-opt such other expert or advisory members as it deems necessary to ensure it's able to achieve its purpose. Any such co-option will be on a non-voting basis.

SELECTION AND APPOINTMENT OF COMMUNITY MEMBERS

Community representatives are appointed by a panel of CWMS partners – a councillor from each council and a Rūnanga representative from each Rūnanga whose takiwā is within the zone. The panel will be chaired by an Independent Chair.

To be eligible for appointment to a Committee the candidate must live in or be able to demonstrate a significant relationship with the zone.

The process involves:

1. A public call for expressions of interest.
2. Application
3. Interview and/or workshop

Assessment will be based on the:

- Ability of an applicant to:
 - Work in a collaborative, consensus seeking manner
 - Work with local Rūnanga
 - Establish effective partnerships
 - Understand the complexity of freshwater management issues
 - Focus on solutions and actions, considering future generations
 - Understand the CWMS, the vision, principles, and ways of working
 - Demonstrate:
 - Commitment to community
 - Existing community networks
 - Previous experience in a leadership role
 - Experience working with community processes and/or groups
 - Initiate and inspire local action
- The Committee's:
 - Geographic spread of members across the zone
 - Balance of backgrounds, experience and interests

The selection process above will be primarily focused on appointment of community members to zone committee and may also serve to identify potential future appointees should a community member vacancy arise.

QUORUM

The quorum at a meeting consists of:

- Half of the members if the number of members (including vacancies) is even; or
- A majority of members if the number of members (including vacancies) is odd.

CHAIR AND DEPUTY CHAIR

Each year, the committee shall appoint the Chair and Deputy Chair from the membership by simple majority. There is no limit on how long a person can be in either of these positions.

TERM OF APPOINTMENT

Members of Committees are appointed for a term of three years, which may be extended on a case-by-case basis if Christchurch City Council, Selwyn District Council and Environment Canterbury agree.

Youth members will initially be appointed for a term of one year, with the option to extend their term up to three years subject to availability.

Each Committee requires confirmation of membership by Christchurch City Council, Selwyn District Council and Environment Canterbury.

Committee membership refresh will not occur within four months of Local Government elections.

There is no limit on the number of consecutive terms a member may serve.

FINANCIAL DELEGATIONS

None.

OPERATING PHILOSOPHY

The Committee will always operate in accordance with the requirements of the Local Government Official Information and Meetings Act 1987 and Standing Orders of Territorial Authorities.

The Committee will observe the following principles:

1. Be culturally sensitive observing Ngāi Tahu tikanga.
2. Apply a Ki Uta Ki Tai (from the mountains to the sea) holistic approach that also enables cultural elements including mahinga kai philosophies held by mana whenua to be encompassed.

3. Consider and balance the interests of all water interests in the region in debate and decision making.
4. Work in a collaborative solution-focused approach using best endeavours to reach solutions that take account of interests of all sectors of the community.
5. Contribute knowledge and perspectives but not promote the views or positions of any interest or stakeholder group.
6. Promote a philosophy of integrated water management to achieve multiple objectives of the range of interests in water.
7. Seek consensus in decision-making. If neither unanimous agreement can be reached nor a significant majority view formed, in the first instance seek assistance from an external facilitator to further Committee discussions and deliberations. Where the Committee encounters fundamental disagreements, despite having sought assistance and exhausted all avenues to resolve matters, recommend that respective Councils disband them and appoint a new Committee.

MEETING AND REMUNERATION GUIDELINES

1. The Committee will formally meet at least four times per annum and will hold workshops and host additional community engagement opportunities as required throughout the year. At times, the workload will be substantially higher.
2. Remuneration for members will be paid in the form of an honorarium currently set at the following levels:

a. Appointed members	\$ 4,000 pa
b. Deputy Chair	\$ 5,000 pa
c. Chair	\$ 6,000 pa
3. An expert or adviser who has been co-opted on to the committee is eligible for an honorarium at the same rate as an appointed member.
4. Staff or elected members of Territorial Authorities or Environment Canterbury are not eligible for remuneration.
5. Mileage will be reimbursed.

COMMITTEE SUPPORT

The committee shall be supported by staff from the Territorial Authority and Environment Canterbury, primarily through the Committee Secretary and the Zone Facilitator and senior staff member from relevant Territorial Authority and Zone Manager/Lead from Environment Canterbury.



10. CWMS Action Plan Budget allocations and adjustments

Reference Te Tohutoro: 23/373286

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 for Christchurch West Melton Water Management Zone Committee to discuss and decide the recommended allocation of the remaining budget for the 2022-2023 financial year.

2. Officer Recommendations Ngā Tūtohu

That the Christchurch West Melton Water Management Zone Committee:

1. Receive the presentation given on 23 February by Jenny Bond of the Christchurch Envirohub Trust about Te Tuna Tāone project.
2. Recommend that Environment Canterbury approves the expenditure for the following project to the following organisations:
 - a. \$5,000 to the Christchurch Envirohub Trust as a contribution towards Te Tuna Tāone project.
3. Approves Christchurch Envirohub Trust spend the \$3,000 it received in 2021-2022 for administration of the Community Waterways Partnership virtual hub on the facilitation of the Stormwater Superhero trailer instead.

3. Report Te Pūrongo



- 3.1 There is \$5,000 remaining in the CWMS Action Plan Budget for 2022-2023 in the Banks Peninsula zone.
- 3.2 The Christchurch Envirohub Trust would benefit from this remaining budget to help them deliver the Te Tuna Tāone project.
- 3.3 Within this project, tamariki learn about the special nature of Aotearoa's unique endangered eel species (longfin tuna), then determine what actions they could deliver to improve the aquatic and terrestrial habitat for urban longfin tuna.
- 3.4 This project aligns with the Committee's Action Plan as it relates to the following actions: explore opportunities to enhance mahinga kai; engage with the community and enhance ecosystem health; support Community Waterways Partnership; Stormwater Superhero awareness and use of trailer; and engaging with key waterway focused community groups.
- 3.5 The Christchurch Envirohub Trust received a \$3,000 grant from Environment Canterbury in 2021-2022 as a result of the Committee recommending allocation of CWMS Action Plan Budget towards administering the Community Waterways Partnership. However, the Trust is unable to spend this grant on this project because Christchurch City Council has not yet created the virtual hub. It is now doing so, however it will be contracting a different provider to create the website. Christchurch City Council will not have a need for the Christchurch Envirohub Trust to do paid administration for this within the timeframe of the contract for the grant. The

Christchurch Envirohub facilitates the Stormwater Superhero trailer, also partly funded via the Committee recommending allocation of CWMS Action Plan Budget towards this. Thus, it is requested that this \$3,000 be used instead for facilitation of the Stormwater Superhero trailer. Therefore the same organisation will still be able to use the grant for an initiative that the Committee is already supportive of. If this is agreed by the Committee, approval from Environment Canterbury will be sought via the Zone Facilitator to create a variation to the grant contract.

4. Background

- 4.1 The other projects that have been funded during this financial year are:
 - 4.1.1 Te Tiriti training for senior high school students and community group members - \$2,000
 - 4.1.2 Facilitation to assist Zone Committee(s) to use the Stormwater Superhero trailer at events/engagement opportunities – Christchurch Envirohub Trust - \$5,000
 - 4.1.3 Contribution towards Avoca Valley Stream Restoration project – Summit Road Society - \$5,000
 - 4.1.4 Contribution towards an Education Officer position – Styx Living Laboratory Trust - \$5,000
 - 4.1.5 Willow and woody weed clearing in Ōtukaikino – Water & Wildlife Habitat Trust - \$10,000
 - 4.1.6 Contribution towards coordinator costs – Avon Heathcote Estuary Ihutai Trust - \$8,000
 - 4.1.7 Avon/Ōtākaro in river clean litter collection – Avon Ōtākaro Network - \$10,000

Attachments Ngā Tāpirihanga

No.	Title	Reference	Page
A 	Application Te Tuna Taone	23/373287	27
B 	Te Tuna Taone in pictures	23/373289	33

Application for funding - Zone Committee Action Plan Budget 2022/23

Applicant details

Organisation (if applicable):	Christchurch Envirohub Trust
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About your project

Project name:	<i>Te Tuna Tāone</i>
CWMS zone where the activity will occur:	<i>Christchurch West Melton (and Banks Peninsula)</i>
Provide a brief project summary:	
Tamariki learn about the special nature of Aotearoa's unique endangered eel species (longfin tuna), then determine what actions they could deliver to improve the aquatic and terrestrial habitat for urban longfin tuna.	
Describe the outcomes or impacts of this project:	
<ul style="list-style-type: none"> Tamariki and kaiako together gain knowledge and experience on how to keep our waterways and rivers clean, reduce our impacts on climate change as well as how we can help the longfin tuna and the awa. This mahi encourages a culture amongst kura whereby it is normalised for tamariki and kaiako to learn about their waterways and natural inhabitants, so it is not viewed as extra-curricular but rather an important and necessary (akoako= reciprocal learning) korero to have. This in turn encourages conversation around these topics at a young age amongst both families and friends, normalising the care and interest for this topic along with similarly rooted topics. Tamariki ideas are realised "brought to life" - Our point of difference when compared to other programmes is we allocate a concentrated amount of time to work with each kura. This enables us to add depth and substantial support to work 'hands on' to facilitate and coach the tamariki and the kaiako through to action implementation within a calendar year. Kaiako often say they don't have the time, experience, expertise, knowledge or contacts to see the tamariki action ideas through to realisation. Tamariki commented it is great to see their action ideas and planning actually happen. Other programmes focus on coaching the kaiako from many kura through the enquiry model or provide 'igniter' sessions or let the kaiako lead the process and thus progress. After involvement with Te Tuna Tāone a couple of schools have then made the move to become an Envirohub. Kaitaki Rangitahi - Tamariki often become rangitahi with their tuna and awa knowledge and learning. Sharing it with enthusiasm and passion to other classes within their kura through presentation, games, drain hunts, use of the Stormwater Superhero Trailer and their own activity sheets. So then these tamariki can in turn take on the kaitaki role as the rangitahi leave kura. Actions reach local community – many of tamariki actions reach not only their kura community through newsletters but their local community with their 'call to action' posters going on a bus and electronic billboard and tamariki facilitation of the Stormwater Superhero Trailer in their local community. Here they korero kanohi ke ti kanohi with the 	

<p>public and share their knowledge about the awa, tuna and stormwater. This korero encourages community to take action to improve the quality of their stormwater and reduce their impact on climate change and improve the biodiversity in their local awa.</p> <ul style="list-style-type: none"> Confidence to carry out science and environmental based curriculum - provides primary trained kaiako the experience and confidence to carry out science based curriculum outside the classroom and use the enquiry based model of learning by demonstrating its use through this programme.
<p>List the key outputs of the project:</p>
<p>All kura involved in this action learning project receive the following four stages:</p> <ol style="list-style-type: none"> 1. an introductory presentation and korero about tuna and the awa - why they are threatened and what we can do about it 2. a stream immersion/ monitoring day where young people get to see and assess macroinvertebrates, fish, habitat and hopefully see tuna in their local stream 3. evaluate stream monitoring results and brainstorm action ideas to improve the health of the awa and longfin tuna one to two sessions. 4. the longest component an action design unit where young people get to design actions (with our support) to help our tuna and awa, and finally 5. reflect on those actions, evaluate the program and celebrate. <p>The number of kura we work with depends on the funding we get. So it is difficult to put numbers around the above sessions. Stage 4 probably involves between 8 to 11 sessions with each kura, it depends on the actions they aim to achieve. Some actions involve more behind the scenes facilitation so that results in less visits. Much mahi is also done online providing feedback to the tamariki and kura using google docs to make efficient use of everyone's time.</p> <p>All kura teach in multi year cohorts of anywhere between 40-120 tamariki. We usually do one cohort per kura and aim to get funding to do six different kura.</p> <p>We use the Enviroschools Action Learning Cycle framework in relation to tuna and stormwater pollution. As they move through the cycle they generate ideas of actions for themselves and for others to take. So it is difficult to say for certain what those actions will be as they are generated by the tamariki.</p> <p>Examples of the many in-kind tamariki led actions from our facilitation work include:</p> <ul style="list-style-type: none"> Tamariki design a planting plan, fundraise and carry out the planting plan on council land. Educational and positive action themed flyers designed, produced and to be delivered to over 2,000 households by tamariki and their whanau in their local stream's stormwater catchment area. Tamariki produced short video productions disseminated to the local community and shared on facebook about the awa and actions we can do to improve stormwater quality. Posters designed, put on Metro bus and electronic billboards in Christchurch. Presentations made to their school and local politicians Murals in kura about their local awa and tuna. Utilisation of the Stormwater Supehero trailer in community locations e.g. community centres, their own kura, supermarkets to advocate about everyday actions people can take to improve tuna habitat- arranged by tamariki and supported by Te Tuna Tāone. Cleanup days in and around their local awa. Waste audits of local litter at their school and in local community Tamariki designed Flash Mob dance to attract attention to the plight of tuna and to provide an opportunity for them to hand out their educational flyers to those who watched their Flash Mob.

Please state how the project aligns with the relevant Zone Committee's 2021-24 Action Plan:
<p>Enhance mahinga kai – The vision of Te Tuna Tāone is that the longfin tuna are thriving in our urban waterways not just surviving so they can again nourish tangata whenua as mahinga kai.</p> <p>Will engage with the community and enhance ecosystem health:</p> <ul style="list-style-type: none"> - Many of the actions tamariki bring to reality are shared with or actively engage the local community, see above outputs. - A focus for all kura is to encourage everyone in their local and wider community to become a stormwater superhero and take action to improve the quality of stormwater to improve the health of the awa for longfin tuna. - Kura are encouraged to join the Christchurch Waterways Partnership. - Where possible kura and awa community groups will work together this is demonstrated in the list of partners we are or will work with. - As part of their learning tamariki are educated about natural water, water supply, stormwater and wastewater (sewage) as like many adults they can get confused.
Tell us what activities you're intending to do and when you intend to have the project completed (timeline):
<p>The activities are based around the school calendar year and the best time to encounter tuna and monitor stream health. This gives us enough time to facilitate the schools to get from education through to action delivery in one calendar year. Some kura stay onboard for a second year to fulfil their actions but with less facilitation input from TTT.</p> <p>The amount of funding we source determines the number of kura cohorts we can engage sign-up. We plan to do 6 to 7 depending on funding.</p> <p>Here are activities we carry out.</p> <p>December /January - Cohorts from schools secured to join Te Tuna Tāone (number of Schools depends on funding)</p> <p>By the end Term 1(Feb-April) - Classroom based education sessions - complete</p> <p>By the end Term 1/Start of Term 2 (Feb - May)</p> <p>-Streamside sessions (tuna encounter and stream health monitoring) - mostly complete (depends on school calendar).</p> <p>During Term 1 & Term 2 (March - July) - facilitation of action generation begins and completes (depends on school calendar)</p> <p>From Term 1 through to Term 3 (April to July) - Action development</p> <p>Term 3 & Term 4 (July to Dec) - Actions rolled out /implemented (unless planting is autumn</p>

End of Term 4 (Nov-Dec) - Reflect, Celebrate & Review - complete
<p>Tell us about the project management, including leadership and financial oversight:</p> <p>Jenny Bond will manage and facilitate the project. CEH Trust Manager Ben Alder will have financial oversight with support from the accounting package Xero. The CEH Trust Board meets monthly February to December and provides leadership. They oversee/approve on a monthly basis a project report provided by Jenny and a financial report provided by Ben. In addition, Jenny has two CEH Trustee mentors to support her with any ecological and educational issues as and when required. Te Tuna Tāone was developed in partnership by Working Waters Trust and Enviroschools Canterbury using the Enviroschools kaupapa of the action learning model in 2018. Both organisations support CEH continuing and growing the programme's reach with Jenny Bond as its facilitator. Regular contact is kept with Enviroschools Canterbury to ensure the kaupapa is continued.</p>
<p>List any other groups or organisations you are partnering with on this project, such as community groups, schools etc:</p> <p>Avon-Heathcote Estuary Ihutai Trust Enviroschools Canterbury Ōpāwaho Heathcote River Network Avon Ōtākaro Network University of Canterbury - Sustainability Office Christchurch City Council waterways and park/river rangers Environment Canterbury has offered in kind time from Central Zone Pou Matai Ko and ecologists to support the project.</p> <p>Kura are approached in late January to join the programme for the calendar year. To date all kura who have been personally introduced to the Te Tuna Tāone programme have all joined. Examples of the kura we are currently or continue to partner with are: Halswell school - Volunteers Needed - Halswell School (hail.to) Selwyn House Our Lady of Assumption St Albans Te Tikanga Rua Reo Ao Tawhiti</p>
<p>How will you engage the community on the project:</p> <p>Many of the tamariki actions described in the "Likely Outputs" question above involved reaching out to the community through information sharing, art, kanohi ki te kanohi korero. This year, if kura policies allow it, I am hoping to invite local awa groups to be involved with tamariki actions or at least support the mahi tamariki take.</p> <p>Our facebook page is regularly updated we aim for a post during term time of once a week if not more.</p>

Do you know of any cultural values associated with this site?:	YES
If yes, what engagement has occurred or is planned (if any) with local Papatipu Rūnanga about this project?:	
<p>Engagement has begun. We have support from Andrew Scott of Ngati Wheke and Arapata Reuben, mana whenua representative for the Ngāi Tūāhuriri, to</p> <ul style="list-style-type: none"> - provide best practice on how to uphold kawa, tikanga and cultural practices in relation to working with tuna and their associated habitat should the kura we work with be in their rohe. - support Jenny to ensure presentation and korero reflects the cultural significance of tuna, an important mahinga kai species. 	
Please provide an accurate location with grid reference and/or map (if relevant to your project):	
In 2023 it will likely be wider Ōtautahi /Christchurch and maybe in Waimakariri.	
Who owns the land?:	
<i>Attach evidence of permission from the landowner, or their representative.</i>	
When work is done on land it is usually done on public land. This is owned by the local city or district council. Their involvement is always sought before beginning any work on their land.	

Funding details

How much funding are you requesting?	\$5,000
If you are successful with this application, what components of your project will you spend the money on?*	
Facilitation of the programme in kura.	
Have you applied to or received funding from other organisations for this project?:	YES
If yes, please provide details below or note if it is included in your attached budget.	
Environment Canterbury \$30,000 for 2023. We have applied to CCC Sustainability Fund but their decision will not be made until early 2023.	

<p>Is the project receiving any other monetary or “in-kind” contributions from your organisation or others e.g. manpower, use of resources, facilities and equipment?</p> <p>If yes, please provide details below:</p>	YES
<p>Our in-kind contributions total 51% of the cost of the project.</p> <p>Please note we are also now actively seeking ‘student intern’ involvement from University of Canterbury and Ara to assist our facilitator deliver the programme.</p>	

Working with us and Environment Canterbury

<p>In the last three years have you received funding or other support from Environment Canterbury for this, or any other project?*</p> <p>If yes, what was the funding/support for, and when did you receive it?:</p>	YES
<p>ECan has paid for the display on an electronic billboard of the poster created by one group of tamariki involved in Te Tuna Tāone in 2022. Cost was (\$500).</p>	
<p>Are you intending on applying to another Environment Canterbury fund this financial year for this, or any other project?</p> <p>If yes, what fund are you applying to?</p>	NO

Additional information

Do you have supporting information you would like to provide (optional)?:

Tuna in pictures PDF are attached.

Images of the Te Tuna Tāone programme in action

Viewing local tuna & monitoring the health of their local stream, the Waimokihi.



Te Tikanga Rua Reo unit of St Albans School measures the flow (or lack of) in St Albans Creek with their kaiako as part of their stream monitoring day.



Plan the mahi - Our Lady of Assumption tamariki action ideas collated. All mahi are tamariki own ideas. We coach and facilitate them to bring them to reality.



Images of Te Tuna Tāone in action Page 1 of 7

Knights Stream School tamariki working on the tuna themed signage for Quaifes Rd Springlands & Margaret Mahy Playground



Sharing with City Council staff their vision for the St Albans Creek and requesting permission to remove small exotic trees and replace with riparian native plants



Four months later exotics removed and native seedlings in place by tamariki.



Images of Te Tuna Tāone in action Page 2 of 7

Doing their mahi - A stream clean with six teina from St Albans Te Tikanga Rua Reo at St Albans Creek.



Doing the mahi - Halswell teina tamariki telling story to song -
<https://www.youtube.com/watch?v=QS0t5KQtZdo>

Doing their mahi in their local environment- The results of an in stream and out of stream rubbish clean up at Waipapa with Selwyn House tuakana.



Doing the mahi- Beckenham School install blue fish at stormwater drains around their kura to let their community know drains are only for rain.



Images of Te Tuna Tāone in action Page 3 of 7

Very proud tamariki with their posters on the back of a bus and billboard in town.



Doing their mahi – when the Halswell tuakana saw the Stormwater Superhero Trailer these tamariki took it to their local New World. They share their messages about stormwater, longfin tuna and their local Nottingham Stream using their flyers and a chocolate fish quiz.



Fendalton Open Air School -cohort of years 5&6 finish their stream monitoring day at Wairarapa stream. Here the kaiako were upskilled to run sessions with our facilitator.



Images of Te Tuna Tāone in action Page 4 of 7

Doing their mahi-Halswell School's Poster to describe their Te Tuna Tāone journey as part of World Rivers Day.



Doing the mahi - The results of a planting day where the Halswell tuakana tamariki identified the problem developed the planting plan and with city council support carried out the planting on council land

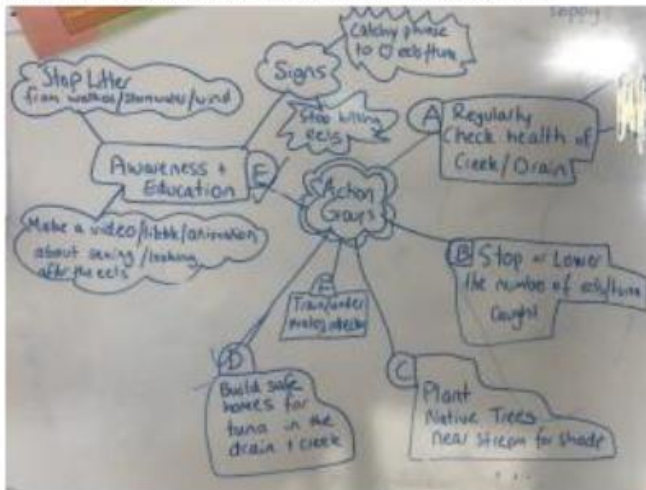


Images of Te Tuna Tāone in action Page 5 of 7

Halswell tuakana are rangitahi at the Nottingham stream monitoring day for the teina at Muir Park



Knights Stream School mind map of their actions

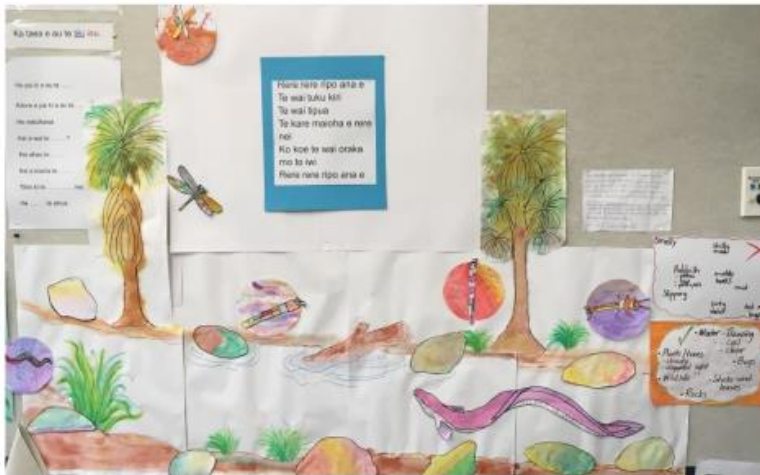


Our Lady of Assumption tamariki are rangitahi (in white caps) and share their knowledge and learning about tuna and stormwater with their younger classmates.



Images of Te Tuna Tāone in action Page 6 of 7

Te Tikanga Rua Reo mural of tuna & awa knowledge – their plan is to get it on kura wall



Ao Tawhiti years 5&6 decided to create a flash mob to draw attention to the plight of the longfin tuna and share their message to keep the stormwater clean



Halswell kura student with her longfin tuna on the kura mural



Images of Te Tuna Tāone in action Page 7 of 7

11. Community presentation - Avon Ōtākaro in river clean - litter collection

Reference Te Tohutoro: 23/373434

Presenter(s) Te Kaipāhō: Hayley Guglietta, Avon Ōtākaro Network – hayley@guglietta

1. Purpose of Report Te Pūtake Pūrongo

- 1.1 The purpose of this report is for the Christchurch West Melton Water Management Zone Committee to be updated on the progress of one of the projects supported during 2022-2023 by the CWMS Action Plan Budget.

2. Officer Recommendations Ngā Tūtohu

That the Christchurch West Melton Water Management Zone Committee:

1. Receive the presentation of 23 February from Hayley Guglietta of the Avon Ōtākaro Network about the Avon/Ōtākaro in river clean – litter collection project.
2. Provide the Avon Ōtākaro Network with a letter of support for their future funding applications for this project.

3. Report Te Pūrongo

- 3.1 As part of the 2022-2023 CWMS Action Plan Budget, the Committee recommended to Environment Canterbury the allocation of \$10,000 towards this project.
- 3.2 Hayley Guglietta is a representative of the Avon Ōtākaro Network and provided an overview of how the project is progressing at the Committee's February meeting.
- 3.3 Key messages about litter are also part of the Stormwater Superhero key messages. This group is one of the key waterway focused community groups and is also part of the Community Waterways Partnership.

4. Background

- 4.1 The Network is also collaborating with a number of other community organisations and agencies to carry out this project such as Sustainable Coastlines, Riverlution Eco Hub, Healthy Rivers NZ, Avon Heathcote Estuary Ihutai Trust and Te Tuna Tāone. The project is also funded by the Network and other funding providers.
- 4.2 The purpose of this 12 month trial is to gather baseline data and collect data on the litter collected in the river and also the positive downstream effects in the coastline and estuary. If the trial is successful, they will advocate for it to continue either under their umbrella or an integral part of Christchurch City Council's maintenance plan. Throughout the trial period they will organise at least 2 community days that add river bank clean ups. They bring together a team of volunteers and local schools to sort and collect data at the Riverlution Eco Hub. Data is regularly posted on their website and social media to get the Network and local communities engaged in the process.

Attachments Ngā Tāpirihanga

There are no attachments to this report.

12. Other Matters

This item provides an opportunity to discuss other matters of note.

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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