
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 28 October 2021
Time: 6pm
Venue: Harvard Community Lounge
Wigram Village Green, Corsair Drive, Wigram

Membership

Chairperson	Kevin Brown - Community Representative
Deputy Chairperson	Annabelle Hasselman - Community Representative
Members	Mike Patchett - Community Representative
	Helen Rutter - Community Representative
	Shona Sluys - Community Representative
	Brynlea Stocks - Community Representative
	Abbie Wilson - Community Representative
	Emma Norrish - Christchurch City Council Elected Representative
	Councillor Phil Clearwater - Councillor Environment Canterbury
	Councillor Sophie McInnes - Selwyn District Council
	Arapata Reuben - Te Ngāi Tūāhuriri Rūnanga
	Kākatī Royal - Te Hapū o Ngāti Wheke/Rapaki
	Les Wanhalla - Te Taumutu Rūnanga
	Oscar Bloom - ECan Youth Rōpū

21 October 2021

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
Liz Ryley
Tel: 941 8153
Christchurch City Council

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Christchurch West Melton Water Management Zone Committee

Members' Register of Interests

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
Kevin Brown	<ul style="list-style-type: none"> Partner, GEOKEM consultancy in geothermal energy and water quality Adjunct Professor, University of Canterbury Private well owner in high nitrate groundwater area Lifestyle block owner Partner, Director of the “Our Land and Water” Science Challenge
Arapata Reuben	<ul style="list-style-type: none"> Trustee – Tuahiwi Marae Trustee – Tuhono Trust Trustee – Mana Waitaha Charitable Trust Member – National Kiwi Recovery Group
Les Wanhalla	<ul style="list-style-type: none"> Returning good health and mauri O Te Waihora/Lake Ellesmere Kaitiakitanga, Whakapapa Rugby league, life member, honorary south Kiwi Trustee of the Central Plains Water Trust
Abbie Wilson	<ul style="list-style-type: none"> Work at AECOM Often work on Council based Three Waters jobs
Councillor Sophie McInnes	<ul style="list-style-type: none"> Farmlands shareholder Partner in DaDs Bees (beekeeping business) with spouse
Oscar Bloom	<ul style="list-style-type: none"> Chairperson of the ECan Youth Rōpū Student at St Andrew's College
Emma Norrish	<ul style="list-style-type: none"> Director - Metalwork & Design Trustee - Styx Living Laboratory Trust Chairperson - Waipapa/Papanui-Innes Community Board
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

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Karakia Whakamutunga

The meeting will be opened with a Karakia/Timatanga and closed with a Karakia/Whakamutunga

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. Confirmation of Previous Minutes

That the minutes of the Christchurch West Melton Water Management Zone Committee meeting held on [Thursday, 26 August 2021](#) be confirmed (refer page 5).

4. Matters Arising from the Minutes

5. Deputations by Appointment

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

6. Identification of Urgent Items

7. Identification of General Public Contributions

Christchurch West Melton Water Management Zone Committee OPEN MINUTES

Date: Thursday 26 August 2021
Time: 6.02pm
Venue: Held by Audio/Video Link

Present

Chairperson Kevin Brown - Community Representative
Deputy Chairperson Annabelle Hasselman - Community Representative
Members Mike Patchett - Community Representative
Helen Rutter - Community Representative
Shona Sluys - Community Representative
Brynlea Stocks - Community Representative
Abbie Wilson - Community Representative
Emma Norrish - Christchurch City Council Elected Representative
Councillor Phil Clearwater - Councillor Environment Canterbury
Arapata Reuben - Te Ngāi Tūāhuriri Rūnanga
Les Wanhalla - Te Taumutu Rūnanga
Oscar Bloom - ECan Youth Rōpū

In Attendance: Ken Rouse (Cashmere Stream/Port Hills Working Group); Kit Doudney and Philippa Mein-Smith (Avon Heathcote Estuary Ihutai Trust); Colin Meurk (Christchurch 360 Trail Inc); Julia Fettes (Cashmere Stream Care Group); John Benn (DOC); Kim Whitwell, Rachel Sinclair, Brad Waldon-Gibbons, Greg Stanley (ECan); Marion Schoenfeld, Jo Golden and Peter Christensen (CCC)

Zone Facilitator
Shelley Washington
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Environment Canterbury

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

Unconfirmed

Brad Waldon-Gibbons opened the meeting with a Karakia/Timatanga.

The agenda was dealt with in the following order.

1. Apologies

Committee Resolved CWZC/2021/00009

That the apologies received from Councillor Sophie McInnes and Kākati Royal, be accepted.

Kevin Brown/Phil Clearwater

Carried

2. Declarations of Interest

There were no declarations of interest recorded.

Kevin welcomed the new members to their first meeting and a round of introductions was undertaken.

5. Deputations by Appointment

5.1 Avon Heathcote Estuary Ihutai Trust

Kit Doudney, Chairperson of the Avon Heathcote Estuary Ihutai Trust, supported by Philippa Mein-Smith, spoke on behalf of the Trust regarding possible habitat loss that will be associated with a proposed Estuary Green Edge walking and cycling track in the wildlife refuge.

Mr Doudney noted there were 23 at risk and endangered species. This is the only area these birds go to for shelter and sanctuary, and there is a lot of bird disturbance. The Trust does not agree with the new pathway through the wildlife sanctuary.

Discussion was held with questions responded to. It was noted that disturbance is defined as having the presence of humans, one person disturbing the birds can have an effect up to 10 minutes following that. Signage or gates cannot be relied on.

5.2 Christchurch 360 Trail Inc

Colin Meurk gave a presentation about the Christchurch 360 Trail that has evolved over 30 years, showcasing the hidden wonders of the city.

Mr Meurk provided background and history, along with photographs, of the 360 trail. He responded to questions from the Committee.

Discussion was held about dog access to the area, and a gate that would be closed at night, and could possibly be closed a couple of weeks prior to the godwits' flight.

Kevin Brown advised that he provides updates from the Zone Committee to the Christchurch City Council every three months and he will report the concerns raised in the deputations to the Council during his update.

Committee Resolved CWZC/2021/00010

That the Christchurch West Melton Water Management Zone Committee:

1. Receives the deputations from Kit Doudney and Phillipa Mein-Smith of the Avon Heathcote Estuary Ihutai Trust; and Colin Meurk, Christchurch 360 Trail, on the matter of the proposed green edge estuary walking and cycling track.

Annabelle Hasselman/Abbie Wilson

Carried

6. Identification of Urgent Items

No urgent items were raised.

7. Identification of General Public Contributions

No general public contributions were identified.

8. Upper Heathcote Storage Basins including Cashmere Stream Enhancement Project

Peter Christensen, CCC Surface Water Engineer, and Jo Golden, CCC Project Manager Stormwater and Waterways Delivery, presented to the Committee about the Upper Heathcote Storage Basins, including the Cashmere Stream Enhancement project.

Areas of interest included Sutherlands, Hoon Hay, Eastman basins which will provide flood storage and stormwater treatment and over a 100ha area. The Cashmere Stream Enhancement project objectives and project sequencing were noted. Jo advised that funding for enhancement of Cashmere Stream from the Ministry for the Environment Freshwater Improvement Fund has been confirmed at \$1.49M, plus Council contributing \$1.69M. The works include planting the riparian margins, creating a path beside the stream and footbridges.

Peter and Jo responded to queries from the Committee. It was noted that ecological monitoring fish surveys are being undertaken, and a developing programme for Mātauranga Māori. Jo will provide ecological monitoring baseline survey to members.

Further discussion was held about the capacity of the basins in rain events. Ideas for the area suggested were additional parking for the area, possible dog parks and a bridge in the area.

Committee Resolved CWZC/2021/00011

That the Christchurch West Melton Water Management Zone Committee:

1. Receive the information on the Upper Heathcote Storage Basins and Cashmere Stream Enhancement Project.

Kevin Brown/Les Wanhalla

Carried

9. Drylands Biodiversity Protection

Colin Meurk and Greg Stanley provided a presentation on the critical importance of Canterbury's unique drylands.

Some of the issues outlined were:

- Less than 1% of Canterbury Plains retain natural environment
- A dry climate and bony soil
- Dryland species not replicated elsewhere in New Zealand.

Surviving remnants include shrubbery, tussocks and turf as well as water races.

Previous Zone Committee support has been productive in areas we can continue to invest in and maintain, and grow these reserves. Work of the ECan science team has focussed on the purchase of leases, and installing fences on leased grazed areas. We seek to protect the natural land form. A field trip was proposed to view this sort of area.

Discussion about telling the story and use of signage followed the presentation.

Committee Resolved CWZC/2021/00012

That the Christchurch West Melton Water Management Zone Committee:

1. Receives information on the drylands biodiversity protection.
2. Encourages Environment Canterbury and Christchurch City Council to continue to allocate resources and take opportunities to protect existing dryland biodiversity.
3. Requests that Environment Canterbury and Christchurch City Council develop better information about how to transition from cultivated leases to conservation of dryland biodiversity values. This would include trials and research.

Abbie Wilson/Mike Patchett

Carried

10. Facilitator's Update - August 2021

The Facilitator's update was taken as read. Shelley provided some additional information relating to the email she had sent members about the Styx River Living Laboratory Trust online session on 31 August, and World Rivers Day on Sunday 26 September. The Zone Committee could take part in this with the superhero mobile trailer resource.

Discussion was held about the implementation of the Committee's action plan which will be worked on further at the Committee's September workshop. Planning for how to implement each action can be done prior to that workshop, or implementation if already at that stage.

Agreed a desire for action leads to meet with the helpers for their actions, before the September workshop.

Mike Patchett suggested that leaders of the actions report back to each meeting to share progress.

Agreed a desire for every meeting and workshop to include time for action leads to report back on progress

Oscar Bloom reported that he and Annabelle were progressing well with their action about the Community Waterways Partnership, and attended the Community Waterways Partnership on 27 July on behalf of the Committee, along with some other members of this Committee and the Banks Peninsula Zone Committee. Oscar and Annabelle reported that it was a great networking opportunity and resulted in agreement about four key actions.

Committee Resolved CWZC/2021/00013

That the Christchurch West Melton Water Management Zone Committee:

1. Receives the Facilitator's report to August 2021.

Oscar Bloom/Phil Clearwater

Carried

3. Confirmation of Previous Minutes

Committee Resolved CWZC/2021/00014

That the minutes of the Christchurch West Melton Water Management Zone Committee meeting held on Thursday, 29 April 2021 be confirmed.

Annabelle Hasselman/Abbie Wilson

Carried

4. Matters Arising from the Minutes

Shelley advised that the Cashmere Stream and Port Hills Working Group of the Zone Committee has met and discussed what they heard at the Committee's last meeting from the speakers presenting about erosion and sediment control, and updated their action list.

Brad Waldon-Gibbons closed the meeting with a Karakia/Whakamutunga.

Meeting concluded at 8.30pm.

CONFIRMED THIS 28TH DAY OF OCTOBER 2021

**KEVIN BROWN
CHAIRPERSON**

8. Correspondence

Reference / Te Tohutoro: 21/1277920

Presenter(s) / Te kaupāhō: 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 with copies of the:
 - 1.1.1 response from the Christchurch City Council from the Zone Committee's input into the Council's Long Term Plan 2021-2031;
 - 1.1.2 Canterbury Water Management Strategy Targets documentation.

2. Officer Recommendations / Ngā Tūtohu

That the Christchurch West Melton Water Management Zone Committee:

1. Receive the following correspondence:
 - a. Christchurch City Council's response about the Zone Committee's input into the Council's Long Term Plan 2021-2031;
 - b. Canterbury Water Management Strategy Targets documentation.

Attachments / Ngā Tāpirihanga

No.	Title	Page
A  	Letter from CCC - LTP 2021-31	12
B  	CWMS Work Programme - September 2021	15

13 September 2021

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Christchurch 8013

PO Box 73016
Christchurch 8154

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Mr. Kevin Brown
Chair, Christchurch-West Melton Zone Committee
c/o Environment Canterbury
PO Box 345
Christchurch 8140

Kia ora Kevin,

On behalf of Christchurch City Council thank you and your zone committee for providing recommendations on the Council's draft 2021-2031 Long Term Plan. The Council recognises that while the current terms of reference preclude the zone committee from making a formal submission on long term plans and annual plans, the zone committee's recommendations have been received and treated as a formal submission. This current situation regarding submissions to Council plans and processes is acknowledged as being less than ideal and it is my hope and expectation that this will be reviewed with a view to making changes in future.

The City Council adopted the final 2021-2031 Long Term Plan on 23 June 2021. The attached summary document outlines the zone committee's recommendations and the relevant activities, projects and programmes funded in the 2021-2031 Long Term Plan.

Please extend our thanks to the zone committee for their feedback and their continued engagement in water management matters in Christchurch. If you have any questions or require any clarification on the attached, please come back to me.

Ngā mihi nui,



Emma Davis
Head of Strategic Policy
Christchurch City Council
E: emma.davis@ccc.govt.nz
P: 03 941 8907

Enclosure

**Response to Zone Committee Recommendations in
Christchurch City Council Long Term Plan adopted 23 June 2021**

Christchurch-West Melton Zone Committee recommendations	2021-31 LTP ¹ response
<p>That Councils provide in their Long Term Plans for a clear focus on urban waterways</p> <p>Key issues to be addressed and areas for focus include:</p> <ul style="list-style-type: none"> • Sediment and erosion control – including better management of building and other disturbed sites • Stormwater – including an increased focus on sustainable urban drainage systems • Support for Mahinga kai projects • Management of weed pests in urban waterways • Wetlands - identification and management for remaining urban wetlands • LTP alignment with Avon River green corridor and other projects - environmental consideration for all recreation and amenity targets • Water use efficiency - Improved management of water use and campaigns for groundwater conservation 	<p>Sediment Discharge Management Plan under the CSNDC² is being implemented. An increase in the stormwater drainage funding for Port Hills and Lyttelton Harbour erosion and sediment control pertaining to waterways has been included in the final LTP.</p> <p>Sustainable urban drainage is a technical area of work under the CSNDC that will be reported on. Currently the Council is studying the performance of various stormwater systems, such as stormwater basins and infiltration chambers, to assess their performance and how they compare with international best practice. This is one of the options provided for in the Integrated Water Strategy.</p> <p>Funding for fish passage barrier remediation has been included in the LTP. Existing waterway and stormwater capital projects often focus on increasing biodiversity including mahinga kai. This is in line with the Council's '6 values' approach to the land drainage/stormwater management programmes.</p> <p>There is a programme of investigations and other actions for the Puharakekenui Styx River relating to weed management as part of the Council's obligations under the CSNDC and is funded under the LTP.</p> <p>There is approximately \$300M for implementation of the Ōtākaro Avon River Corridor Regeneration Plan, portions of which are allocated to various projects. All of them include recreational and amenity elements. The City to Sea Pathway is a significant recreational asset. This funded in the LTP.</p> <p>With respect to water use efficiency, staff completed a draft SMART Water Strategy and Roadmap in support of the delivery of Goal 4 of the Integrated Water Strategy, which requires water to be managed in a sustainable and integrated way in line with the principle of kaitiakitanga. Funding has been assigned to implement a Smart Water Network and Monitoring System to support the measurement of water consumption and the calculation and detection of leaks in the water supply system. Once the proof of concept has been completed (in Rawhiti), the aim is to extend smart water monitoring to Akaroa and to integrate Duvauchelle smart water meters into the smart water monitoring system. A comprehensive water balance, based on accurate water supply and consumption data, will allow water conservation campaigns and strategies to be uniquely scoped and targeted for each supply area.</p>

¹ LTP = Long Term Plan

² CSNDC = Comprehensive Stormwater Network Discharge Consent

Christchurch-West Melton Zone Committee recommendations	2021-31 LTP ¹ response
<p>That Councils support improved outcomes for dryland ecosystems in their Long Term Plans by:</p> <ul style="list-style-type: none"> • Ensuring rules in regional and district plans provide for indigenous biodiversity and dryland ecosystem protection • Provide support for enhancement of remaining dryland ecosystems • Developing a biodiversity monitoring strategy for dryland ecosystems 	<p>Through the identification of areas as Sites of Ecological Significance and other provisions of the District Plan, indigenous biodiversity is protected including areas of dryland vegetation. A plan change to protect areas of indigenous vegetation subject to farming practices is being advanced.</p> <p>A programme including a biodiversity fund of \$400,000 for incentivising the protection of indigenous biodiversity is funded in the LTP.</p> <p>A key area of drylands managed by the Council is at McLeans Island. The Council has recently reclassified its legal status to Scenic Reserve, which affords it considerable protection. A restoration plan for the reserve is being implemented to maintain and slowly enhance the ecological values present.</p> <p>Other key dryland ecosystems on Council land of note occurs at Birdlings Flat (adjoining Waiwera and the Akaroa Highway), which supports a nationally significant dryland ecosystem on old gravel beach ridges that has no equivalents elsewhere in New Zealand. Weed control is undertaken as a matter of course, which is funded in the LTP.</p> <p>A wider ecological management strategy for Council Reserves is currently in progress that encompasses a monitoring strategy for all areas of ecological values for which the Council has a statutory obligation to manage.</p>
<p>That Councils support improved outcomes for urban waterways and dryland ecosystems in their Long Term Plans by investment in engagement, education and behaviour change including:</p> <ul style="list-style-type: none"> • Support for the Community Water Partnership • Improved environmental data collection including greater engagement with and support for community groups collecting data on urban rivers • Better utilisation and sharing of collected data and reports, including an improved online system for data sharing between councils and with organisations and the wider public • Regular community education/ behaviour change campaigns on sediment and stormwater issues and management • Regular community education/ behaviour change campaigns to improve understanding of the importance of protecting and conserving indigenous vegetation and ecosystems – including wetlands, lowland streams and dryland ecosystems • Regular community education/ behaviour change campaigns on water use management and conservation 	<p>The Community Waterways Partnership (CWP) is funded through the CSNDC implementation budget.</p> <p>Data collection will be a focus of the CWP as to how data is shared by partners to be discussed at a July workshop.</p> <p>Utilisation and sharing of data is delivered through reporting for the CSNDC and also the CWP. In addition monitoring and data undertaken by and on behalf of the Council is shared with ECan, with reports of this work published on the Council's web site (https://ccc.govt.nz/environment/water/waterways/waterway-monitoring/).</p> <p>The finalisation of the LTP includes funding for a Healthy Waterways Facilitator. The role includes engagement and collaboration with partners and stakeholders, and covers the gathering and distribution of data along with coordination with other resources on community education and behaviour change as required under the CSNDC.</p> <p>Community education and behaviour change is a focus of the CWP with support from the Council.</p>

Christchurch City Council CWMS work programme

DEVELOPMENT OF THE REGIONAL WORK PROGRAMME

The Joint Working Group set up by the Operations Forum in September 2019 has:

- undertaken a stocktake of current work by all councils towards meeting the CWMS 2025 goals and completed a gap analysis
- developed a draft regional work programme to enable progress towards 2025 goals through the development of councils' Long-Term Plans 2021–2031 (LTPs).

Region-wide emerging issues were identified including:

- a need for more effort in compliance, monitoring and enforcement
- a greater focus on biodiversity outcomes monitoring and reporting
- opportunities for councils to share approaches and share resources
- addressing scale and complexities of issues, recognising the size of rating bases and capacities of councils.

The Joint Working Group's draft regional work programme has been provided to territorial authorities as a reference document for consideration in the LTP process. Each territorial authority is also provided with a tailored work programme developed in discussion with its staff for use during councils' LTP planning.

NATIONAL DIRECTION

Significant policies and regulations that will influence policy settings

Water Services Bill – to implement new drinking water regulatory system

National Environmental Standards for Sources of Human Drinking Water (amendments proposed, due 2021)

Proposed National Environmental Standards for Wastewater Discharges and Overflow (due 2021)

Essential Freshwater – NPS and NES

- manage freshwater in a way that 'gives effect' to Te Mana o te Wai
- avoid any further loss or degradation of wetlands and streams, map existing wetlands and encourage their restoration
- an expanded national objectives framework that covers threatened species and mahinga kai - join ecosystem health and human health for recreation, as compulsory values

NPS – Indigenous Biodiversity (to be released in April 2021) will require:

- proactive district-wide identification of SNAs within 5 years
- management of adverse effects on SNAs from any new subdivision, use and development
- identification and management of taonga and highly mobile fauna habitat in addition to SNAs
- monitoring of indigenous biodiversity
- a regional biodiversity strategy with a strong focus on implementation

SUMMARY OF CURRENT PROJECTS AND WORK

Key work supporting Ecosystem Health and Biodiversity, Drinking Water and Water-Use Efficiency Targets includes:

Te Wai Ora o Tāne Integrated Water Strategy, adopted in 2019, focuses on water as a taonga and sets goals and objectives for managing all three waters. Restoration programme with stream care groups. Animal and plant **pest control**. Implementation of **Comprehensive Stormwater Network Discharge Consent** conditions including monitoring of fish population and waterway health, undertaking fish passage monitoring. Significant **wetland** programme. **Sites of Ecological Significance** (SES) on city tenure or private land recorded in District Plan. Biodiversity fund available for sites classified as SES. Annual monitoring of **sediment** and biota of Avon-Heathcote Ihutai Estuary and active projects to reduce sediment runoff in other areas.

Three Waters management: Significant investment in **stormwater** treatment infrastructure, flood protection and bank stabilisation. **Water supply improvement programme** delivering upgrades to well heads to meet stricter interpretation of Drinking Water Standards, and a well deepening programme replacing vulnerable shallow wells in Christchurch. Renewed water safety plans will be resubmitted for review by July 2021. Land purchased on Banks Peninsula to **protect source water** for drinking water supply.

Water Use Efficiency: \$30M/year programme replacing leaking pipes throughout the city, with a 10+ year project to replace pumps and equipment. Conservation campaigns in place. Water supply demand forecasts for Christchurch and Banks Peninsula water supply schemes used to inform growth projects for Asset Management Plan and LTP.

ACTIONS TO MEET 2025 GOALS

ECOSYSTEM HEALTH

Biodiversity: Lowland Stream health

Remove priority fish passage barriers and retrofit with structures that enable upstream and downstream passage in streams within Banks Peninsula catchments.

Continue to monitor fish populations in waterways of Christchurch and Banks Peninsula.

Continue to restore waterways, including working with community groups.

Lowland Stream health

Fulfil requirements to comply with conditions of the Comprehensive Stormwater Network Discharge consent.

Continue developing and implementing stormwater management plans to reduce contaminant loads and work towards improving the health of waterways in the long term.

Implement community education/behaviour change campaigns on stormwater issues, including construction site monitoring for sediment control.

Implement solutions to wastewater infrastructure at Akaroa and Duvauchelle.

Reduction in wet weather overflows to Akaroa Harbour and Avon/Ōtakaro and Heathcote/Ōpawaho rivers.

Biodiversity: Wetlands

Review status of SNAs for District Plan review, protect wetlands through active management.

Review vegetation clearance rules as part of District Plan review to protect wetlands.

Advocate for indigenous biodiversity through regular education/behaviour change campaigns.

Biodiversity: Drylands

Review status of Sites of Ecological Significance in line with NPSIB criteria and requirements by 2026.

Work with Environment Canterbury to develop a biodiversity monitoring strategy.

Advocate for indigenous biodiversity through regular education/behaviour change campaigns to improve understanding of the importance of protecting and conserving indigenous vegetation and habitat for fauna.

KAITIAKITANGA

Continue to undertake cultural health index monitoring and state of Takiwā reporting.

SOURCE WATER QUALITY

Continue establishment of shallow groundwater monitoring, share data with Environment Canterbury.

Priority planning for water supply wells and new treatment plant for Duvauchelle and Okains Bay to meet DWSNZ.

Implement programme to decommission unused bores on council land to protect groundwater.

Work with Environment Canterbury on the national wells database development.

Implement drinking water safety improvement programme for Christchurch

WATER USE EFFICIENCY

Manage water demand in accordance with Water Supply Strategic Plan and continue regular community education/behaviour change campaigns on water use management and conservation.

REPORTING PROGRESS TO MAYORAL FORUM

Environment Canterbury provides quarterly updates to the Chief Executives Forum and Mayoral Forum on the region-wide progress towards implementing the CWMS. These quarterly reports provide a summary of the last three months' progress of zone committee projects and provide information on the latest freshwater related policy and RMA planning. As work progresses on implementing the Fit for Future work programme, future quarterly reports to the Mayoral Forum will focus on reporting on the delivery of the CWMS Targets and review of the Canterbury Biodiversity Strategy in line with national direction.

9. Mahinga Kai - Background

Reference Te Tohutoro: 21/1469052

Presenter(s) Te kaupāhō: 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 with an opportunity to gain a shared understanding of the mahinga kai related actions in the Committee's Action Plan; and an opportunity to meet some key staff involved in these topics, and be guided by the Rūnanga representatives on the Committee.

2. Officer Recommendations Ngā Tūtohu

That the Christchurch West Melton Water Management Zone Committee:

1. Receives information on: mahinga kai; mahinga kai project process; Te Mana o Te Wai engagement timeframes; and the Mātauranga Māori monitoring programme.

3. Background

- 3.1 The actions "We will enhance mahinga kai by" in the Zone Committee's action plan include the following actions. The Committee lead and helpers are noted in italics.
 - 3.1.1 Seeking Ngā Rūnanga guidance on priority sites for mahinga kai and wāhi taonga and undertake activities that improve our knowledge. Support Ngā Rūnanga mahinga kai projects though implementing agreed joint actions and advocating for funding.
Kākatī Royal + Arapata Reuben, Les Wanhalla
 - 3.1.2 Building our understanding of Te Mana o te Wai. *Kākatī Royal + Helen Rutter*
 - 3.1.3 Requesting that the Ngā Rūnanga and Environment Canterbury Mātauranga Māori monitoring programme begins by 2023. *Arapata Reuben*
 - 3.1.4 Supporting implementation of the Iwi Management Plan. *Kākatī Royal*

4. Report Te Pūrongo

- 4.1 Arapata Reuben will speak about mahinga kai, focusing on localised waterways and their previous uses, and mahinga kai today.
- 4.2 Irai Weepu will speak about the mahinga kai project process that he has been working on with Ngā Rūnanga (and Rūnanga represented in this zone in particular). Irai will explain mahinga kai and the differences, also what is meant when we talk about mahinga kai values, outcomes, projects. Irai is a Tangata Whenua Facilitator for Kaitiakitanga Targets in the Tuia team at Environment Canterbury.
- 4.3 Irai Weepu will also speak briefly about Te Mana o Te Wai in terms of the timeframes of the engagement.
- 4.4 Channell Thoms will speak about her role and the Environment Canterbury Mātauranga Māori monitoring programme. Channell is Mātauranga Putaiao Senior Advisor - Surface Water Science, at Environment Canterbury.

- 4.5 Stephanie Dijkstra will introduce herself and explain her role. Stephanie is a Māhinga Kai/Ngā Wai advisor for Ngāi Tahu and Mahaanui Kurataiao Ltd, involved in work associated with Christchurch City Council such as Comprehensive Stormwater Network Discharge Consent and Cashmere Stream Enhancement Project.

Attachments Ngā Tāpirihanga

There are no attachments to this report.

10. Facilitator's Update - October 2021

Reference / Te Tohutoro: 21/1481380

Presenter(s) / Te kaupāhō: 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 inform the Christchurch West Melton Water Management Zone Committee of community engagement events and relevant updates and actions from previous meetings.

2. Officer Recommendations / Ngā Tūtohu

That the Christchurch West Melton Water Management Zone Committee:

1. Receives the Facilitator's report to October 2021.

3. Report / Te Pūrongo

IMPORTANT ZONE COMMITTEE/CANTERBURY WATER MANAGEMENT STRATEGY UPDATES

RECENT EVENTS

Event	Target Audience & notes
World Rivers Day – Sunday 26 September	Organised by Ōpāwaho Heathcote River Network was cancelled due to COVID levels. Likely to be reorganised for another date.

UPCOMING EVENTS

Event	Target Audience & Notes
Estuary Fest	<p>A joint project of the Mt Pleasant Residents' Association and the Avon-Heathcote Ihutai Estuary Trust. Estuary Fest celebrates everything we love about our environment, the Estuary, the outdoors, the Coastal pathway - with music, good food and fun for all. Held annually on either a February or March date - see website for updates and a programme of events each year https://www.mpcc.org.nz/</p> <p>Opportunity for Zone Committee members to help educate members of the public about stormwater via the Stormwater Superhero Mobile Resource and also to network with community groups. Further details of this event will be circulated.</p>

UPDATE ON MATTERS RAISED AT PREVIOUS MEETINGS

At a previous meeting it was raised that the City Council was seeking information about private community drinking water supplies within Christchurch district boundaries. The information sought pertains to any private drinking water supply that is supplying more than a single property. This is part of the work being undertaken by the City Council in response to the Government's Three Waters Reform programme. An article about this was recently posted on the City Council's Newline here: <https://newsline.ccc.govt.nz/news/story/council-seeking-information-about-private-water-systems>

At the City Council's 13 October Three Waters Infrastructure and Environment Committee Brian Norton gave a presentation on the Council's stormwater programme that included an update on stormwater basins. The video of his presentation is available online here: <https://councillive.ccc.govt.nz/video/10528> (from 0:15 through 15:20). The Zone Facilitator has a copy of the presentation.

FOR YOUR INFORMATION AND INSPIRATION

Videos based on Cashmere Stream Care Group's clarity report:

Here is the link to the shorter video created for social media with subtitles:
https://fb.watch/5eW0XWXd_V/

The longer video created for the news story can be found at the bottom of this story
<https://www.ecan.govt.nz/get-involved/news-and-events/zone-news/christchurch-west-melton/the-story-of-sediment-in-cashmere-catchment/>

COMMUNICATIONS REPORT – SEPTEMBER AND OCTOBER 2021

Completed content

Zone Delivery Lead column: pollen and pollution in spring	8 Sept 2021	Column by Ruth Sarson, providing information about pollen in waterways and reassuring the community it is not pollution. The column contains information on how to report an environmental incident, and a reminder to wash cars on grass verges to filter pollutants.
Biodiversity story: Christchurch West Melton's special savannah	28 Sept 2021	As presented to the Committee, a story on drylands biodiversity in the zone – species present, its uniqueness, management methods and the Committee's support.
Story: Support available to achieve the best outcomes for land and environment	14 Oct 2021	Profile of the Christchurch West Melton land management and biodiversity advisors at Environment Canterbury – who they are, and how they can help.

Story: Cashmere Stream receives funding for water quality and biodiversity improvement	20 Oct 2021	As presented to the Committee, a story on the City Council's collaborative Cashmere Stream Enhancement Project.
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Planned content November to December 2021:

- Stormwater feature – raising awareness of stormwater issues in the zone
- Chair column and email newsletter – topic to be confirmed
- Christchurch Waterways Partnership update
- “Day in the life of an incident response officer” – video capturing the diverse work of an incident response officer.

Attachments / Ngā Tāpirihanga

There are no attachments for this report.