
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 25 March 2021
Time: 6pm
Venue: Woolston Community Library/Hall,
689 Ferry Road, Woolston

Membership

Chairperson	Kevin Brown - Community Representative
Deputy Chairperson	Annabelle Hasselman - Community Representative
Members	Helen Caley - Community Representative
	Arapata Reuben – Te Ngāi Tūāhuriri Rūnanga
	Gareth Oddy - Community Representative
	Carly Sluys - Community Representative
	Abbie Wilson - Community Representative
	Councillor Sophie McInnes - Selwyn District Council
	Councillor James Daniels - Christchurch City Council
	Councillor Phil Clearwater - Councillor Environment Canterbury
	Oscar Bloom - ECan Youth Rōpū
	Kakati Royal - Te Hapū o Ngāti Wheke/Rapaki
	Les Wanhalla - Te Taumutu Rūnanga

19 March 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 – at 24 June 2020

Name/Organisation	Interests
Helen Caley, Aurecon	<ul style="list-style-type: none"> Works in environmental consulting, in planning and contaminated land, occasionally on consents for council stormwater projects Aurecon contracted by Ravensdown for stormwater system upgrades at their Hornby site, to improve the quality of the discharge
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
Gareth Oddy	<ul style="list-style-type: none"> Environmental Scientist working predominately in the contaminated land and groundwater sectors for a private company ENGEO Limited Shareholder of ENGEO Limited (Geotechnical and environmental management consultancy) ENGEO have previously provided occasional contaminated land assessment services and asbestos management services to CCC and ECan Paid member of the Australasian Land and Groundwater Association, Water New Zealand and Wasteminz
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 for Selwyn DC
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

TABLE OF CONTENTS

Karakia/Timatanga

1. Apologies.....	4
2. Declarations of Interest	4
3. Confirmation of Previous Minutes.....	4
4. Matters Arising from the Minutes.....	4
5. Deputations by Appointment	4
6. Identification of Urgent Items	4
7. Identification of General Public Contribution.....	4

STAFF REPORTS

8. Correspondence - Council Long Term Plans	11
9. Facilitator's Update - October 2020.....	13

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, 29 October 2020](#) 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 29 October 2020
Time: 6.05pm
Venue: Woolston Community Library, 689 Ferry Road,
Woolston, Christchurch

Present

Chairperson
Members

Kevin Brown - Community Representative
Helen Caley - Community Representative
Arapata Reuben - Tūāhuriri Rūnanga
Gareth Oddy - Community Representative
Councillor Sophie McInnes - Selwyn District Council
Councillor James Daniels - Christchurch City Council
Councillor Phil Clearwater - Councillor Environment Canterbury
Oscar Bloom - ECan Youth Rōpū
Les Wanhalla - Te Taumutu Rūnanga

Zone Facilitator
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23 October 2020
Committee Advisor
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www.ecan.govt.nz/news-and-notice/minutes/Pages/Default.aspx

The agenda was dealt with in the following order.

1. Apologies

Committee Resolved CWZC/2020/00020

That the apologies for absence received from Annabelle Hasselman, and for lateness from Councillor James Daniels and Oscar Bloom, be accepted.

Arapata Reuben/Sophie McInnes

Carried

Secretarial note: An apology was also received from Committee members Carly Sluys and Abbie Wilson via email prior to the meeting.

2. Declarations of Interest

Les Wanhalla noted he was not a Taumutu Trustee and that he is a trustee of the Central Plains Water Trust for Selwyn District Council.

3. Confirmation of Previous Minutes

Committee Resolved CWZC/2020/00021

That the minutes of the Christchurch West Melton Water Management Zone Committee meeting held on Thursday, 27 August 2020 be confirmed.

Phil Clearwater/Kevin Brown

Carried

4. Matters Arising from the Minutes

It was noted that Kylie-Jane Phillips is no longer the Rāpaki representative and that an alternative representative will be notified in due course.

5. Actions

There were none.

6. Deputations by Appointment

There were no deputations by appointment.

7. Identification of Urgent Items

There were none.

8. Identification of General Public Contributions

Nichola Wilkie expressed concerns in relation to Item 10 on drinking water quality, and the need for better protection of spring water and the opportunity to utilise rainwater and grey water.

9. Cashmere Stream Working Group Updates

Ken Rouse, Chairperson of the Cashmere Stream Care Group and member of the Port Hills Working Group of the Zone Committee spoke to the Working Group's Powerpoint presentation that he and Annabelle Hasselman gave to the Environment Canterbury Councillors on 22 October via a delegation. Ken noted the significant contribution from Committee members such as Arapata Reuben and Kevin Brown for both the Cashmere Stream Care Group's restoration project and efforts to help improve erosion and sediment control.

Arapata Reuben referred to the size of the task and suggested that stronger legislative backing may be required. Ken Rouse noted the importance of standards and the effectiveness of fines to encourage compliance.

Phil Clearwater referred to the very good presentation that had been given to Environment Canterbury Council. Sophie McInnes noted the opportunity to improve outcomes through the building consent process.

The Committee wished to acknowledge its support for the recommendations that were contained in Ken's presentation referenced on pages 21, 23, 28 and 29 of the agenda (also referenced on pages 10, 12, 17 and 18 of the presentation attached).

Committee Resolved CWZC/2020/00022

That the Christchurch West Melton Water Management Zone Committee notes the:

1. Delegation to Environment Canterbury Council by the Cashmere Stream Care Group, the Ōpāwaho Heathcote River Network and the Cashmere Stream and Port Hills Working Group on key findings of EOS Ecology, AECOM and Opus about sediment.
2. Cashmere Stream plantings project.

Les Wanhalla/Arapata Reuben

Carried

Committee Resolved CWZC/2020/00023

That the Christchurch West Melton Water Management Zone Committee support the recommendations that the Working Group made to Environment Canterbury Council (referenced on pages 21, 23, 28 and 29 of the agenda).

Phil Clearwater/Sophie McInnes

Carried

Attachments

A Cashmere Stream Working Group Presentation - Item 9

Helen Caley and James Daniels arrived during the presentation on item 9.

10. CCC - Water Quality Report

Dr Belinda Margetts spoke to her presentation. The presentation generated a lot of discussion. The main themes were:

- The impact of tyres, copper brake pads, roofs, 'hot dip' sites, and washing cars on hard surfaces on water quality.

- An acknowledgement that this is a complex area and the need for central, regional and local government to be integrated in their approach and that approach needs to be holistic.
- That everyone needs to play a role in improving health of waterways.
- The role of monitoring and education.
- Frustration at a lack of action, but also acknowledgement of the work of the operational staff at Christchurch City Council and Environment Canterbury Regional Council.

Committee Resolved CWZC/2020/00024

That the Christchurch West Melton Water Management Zone Committee:

1. Receive the information in the Christchurch City Council's 2019 Surface Water Quality Monitoring Summary Report.

Helen Caley/Les Wanhalla

Carried

Attachments

- A Water Quality Report Presentation - Item 10

11. Ōtūkaikino Catchment

Tami Woods from Environment Canterbury Council introduced this item. Mike Pratchett from the Water and Wildlife Habitat Trust on behalf of a wider partnership gave a presentation on the work now being proposed by the Trust to deliver "A Healthy and Enjoyable Ōtūkaikino Catchment."

Committee Resolved CWZC/2020/00025

That the Christchurch West Melton Water Management Zone Committee:

1. Notes the progress and current activities;
2. Visits the Ōtūkaikino catchment in November to further understand the issues and opportunities and how they may be able to support progress;
3. Supports the Water and Wildlife Habitat Trust proposal to develop a collaborative partnership with landholders and agencies that looks to utilise funds available through the Central Government's Jobs for Nature and COVID-19 Recovery investment to support restoration activities; and
4. Considers how the Committee may be able to contribute to the project.
5. Recommends that Environment Canterbury Council moves toward changing the use of its land from grazing to conservation (healthy waterways, nature conservation, and open space recreation).

Oscar Bloom/Helen Caley

Carried

Attachments

- A Water and Wildlife Trust Presentation - Item 11

12. Immediate Steps Biodiversity Funding - October 2020

The Committee noted that the recommended funding allocation had been considered at a Committee workshop.

Committee Resolved CWZC/2020/00026

That the Christchurch West Melton Water Management Zone Committee:

1. Receive the information in the Immediate Steps Biodiversity Funding report.
2. Recommend to Environment Canterbury that the 2020 -2021 Immediate Steps funding be allocated to the following projects:
 - a. Tunnel Road Reserve Saltmarsh Restoration - \$4,500
 - b. Humm's Drain Restoration - \$50,600 (\$24,100 20/21, \$26,500 21/22)
 - c. Shipley's Wetland Willow Control - \$14,000
 - d. Coronation Reserve Restoration - \$5,000
 - e. Bowenvale Stream Restoration - \$4,800
 - f. Lower Styx River Restoration - \$15,800
 - g. Ōtūkaikino Wetland Beggars Tick Control 2.0 - \$16,400 (\$8,200 2020/2021, \$8,200 2021/2022).

Kevin Brown/James Daniels

Carried

Committee members Gareth Oddy and Les Wanhalla abstained from voting.

13. Christchurch West Melton Zone Communications Plan

Committee Decision

That the Christchurch West Melton Water Management Zone Committee:

1. Note the information in the Communication actions report.
2. Provide feedback on alignment with Zone Committee priorities.

14. Facilitator's Update - October 2020

Committee Decision

That the Christchurch West Melton Water Management Zone Committee:

1. Note the updates on:
 - a. Proposed Plan Change 7
 - b. Allocation of Funds for Canterbury initiatives
 - c. Essential Freshwater
 - d. Regional Committee.

Secretarial note: Items 13 and 14 were not formally resolved as the Chair noted that these were information only and were taken as read.

Arapata Reuben closed the meeting with a Karakia/Whakamutunga.

Meeting concluded at 8.10pm.

CONFIRMED THIS 26TH DAY OF MARCH 2021

**KEVIN BROWN
CHAIRPERSON**

Unconfirmed

8. Correspondence - Council Long Term Plans

Reference / Te Tohutoro: 21/310656

Presenter(s) / Te kaupāhō: Shelley Washington, Zone Facilitator

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 the information sent on the Committee's behalf to the Christchurch City Council and Environment Canterbury, providing the Zone Committee's input into the Councils' Long Term Plans (LTP), as noted below.
- 1.2 Consultation on the Christchurch City Council's Long Term Plan is open from 12 March to 18 April 2021, and on Environment Canterbury's Long Term Plan is open from 8 March to 11 April 2021.

2. Officer Recommendations / Ngā Tūtohu

That the Christchurch West Melton Water Management Zone Committee:

1. Note the information provided to the Christchurch City Council and Environment Canterbury on the Councils' Long Term Plans.

3. Report Detail

- 3.1 The Zone Committee provided three key priority areas for the Long Term Plans, supported by additional key issues to be addressed. The three key areas are highlighted below.

1. Councils provide in their Long Term Plans for a clear focus on urban waterways

Key issues to be addressed in this regard include:

- 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 – improved mapping, identification and management for remaining wetlands (do we need to specify “urban”?)
- 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.

2. Councils support improved outcomes for dryland ecosystems in their Long Term Plans by:

- 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

3. Councils support improved outcomes for urban waterways and dryland ecosystems in their Long Term Plans by investment in engagement, education and behaviour change including:

- 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
 - water use management and conservation
- 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.

Attachments / Ngā Tāpirihanga

There are no attachments for this report.

9. Facilitator's Update - October 2020

Reference / Te Tohutoro: 21/330198

Presenter(s) / Te kaupāhō: Lyn Carmichael – Zone Facilitator

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. Receive the Facilitator's report.
2. Agree that the Cashmere and Port Hills Working Group continues until the end of 2021.

3. Report / Te Pūrongo

IMPORTANT ZONE COMMITTEE/CANTERBURY WATER MANAGEMENT STRATEGY UPDATES

3.1 Cashmere and Port Hills Working Group – extension to end 2021

The Working Group was established for one year. The Working Group wishes to continue until end 2021 and seeks the Zone Committee's agreement to this change.

The Working Group's remaining actions are in priority order are:

1. Identification of Priority Areas. This comprises two approaches – identifying areas that are “best bang for buck” for intervention using LIDAR and other data/GIS; and ground truthing/physical identification of erosion and sources of sediment during or soon after significant rainfall (referred to as the “rainy day inventory”).
2. Advocate to the Christchurch City Council (CCC) to provide public walkways along Cashmere Stream.
3. Follow up Worsleys Paper Road.
4. Understand measures Christchurch Adventure Park and forestry operations are taking.
5. Look into District Plan.
6. Communications: workshop, advocate for signage, share issues with public.

The Working Group completed a number of actions in 2020, with the key one being making recommendations to CCC and Environment Canterbury (ECan) about improving various aspects of Erosion and Sediment Control. These were also presented to the Zone Committee at their October 2020 meeting. These recommendations are now in the hands of ECan and CCC to either adopt, or not, and communicate whether they have been adopted or not, and why.

3.2 Appointment of new Zone Committee members

The process for appointment of new Zone Committee members (“Refresh”) will open on 12 April and close on 10 May 2021. Workshops with appointment panels and applicants will be 17-28 May 2021. Advertising will begin on 12 April 2021.

3.3 Action Plan, reporting, Regional Committee

New version action plan to be workshopped in March 2021. *Refer workshop agenda paper.*

Reporting to CCC Three Waters, Infrastructure and Environment Committee is changing from quarterly to three-monthly, and the same being set up for reporting to ECan. The Annual Report will be presented at the same time as one of these three-monthly reports.

There are no longer Zone Committee representatives on Regional Committee.

3.4 ECan LTP update

Environment Canterbury’s Council has approved the draft Long-Term Plan 2021-31 for consultation.

The plan puts forward two options, which are summarised in the consultation document. Option 1 is ECan’s preferred option. It addresses the statutorily required work; supports accelerating key projects (such as public transport and the Government’s Essential Freshwater package); and considers community expectations for change.

Option 1 represents work costing \$246.5 million (around \$46 million more than last year), of which \$143 million would come from rates. The balance would be made up of Government grants and Council user-pays charges. Option 1 comes with a 24.5% rates increase, representing an average increase of \$136 per rateable property in year 1.

Submissions on the draft Long-Term Plan can be made at <https://haveyoursay.ecan.govt.nz/ltp>. There you will also find the consultation document, draft Long-Term Plan (called *Supplementary Information*) and useful rates tools.

The consultation period is 8 March to 11 April 2021.

Please consider sharing this information with your own networks. Receiving a range of submissions helps to inform Council’s decision-making when finalising the Long-Term Plan.

RECENT EVENTS

Event	Target Audience & notes
25 February 2021 Joint Workshop Central Zone Committees	<p>Members of the Banks Peninsula, Selwyn-Waihora and Christchurch West Melton Zone Committees attended a joint workshop on the following topics: New purpose, functions and action plans + sharing examples of actions; Te Mana o Te Wai and Essential Freshwater; and Water Data Project.</p> <p>The purpose was for: Cross-zone interaction and collegial discussion; Help ensure Zone Committees are well placed to transition into new</p>

	<p>purpose and functions and to develop your action plans; Help Zone Committees feel confident and relaxed about your role in Essential Freshwater and Te Mana o Te Wai; and Update Zone Committees on Environment Canterbury's Water Data Projects.</p> <p>Attended by Kevin Brown, Annabelle Hasselman, Helen Caley, Arapata Reuben, Gareth Oddy, Carly Sluys, Cr Sophie McInnes, Cr James Daniels, Cr Phil Clearwater and Oscar Bloom.</p> <p>PDFs of presentation slides will be sent out to those invited.</p>
<p>8 March 2021 Ōtūkaikino Field Trip</p>	<p>On 8 March 2021 Zone Committee members attended a field trip of the Ōtūkaikino Catchment with support from CCC and ECan staff and representatives of the Water & Wildlife Habitat Trust and Isaac Conservation Trust. Topics included: water quality and ecosystem health; cultural values; immediate steps; Isaacs Conservation Park; ECan land; farming rules and responsibilities; and catchment partnership proposal. Due to COVID-19 and low availability of Committee members, this field trip had to be rescheduled on two occasions.</p> 



**27 February 2021
Estuary Fest -
Stormwater
Superheroes**

Helen Caley represented the Zone Committee at the Stormwater Superheroes display at Estuary Fest, with support from Matt Stanford (youth engagement), Shelley Washington, Cr Vicky Southworth and Alison Bower. There was a great turnout from the public and they were particularly interested in the Enviroscope, the tuna and drains game, the competition about finding where stormwater entered the Estuary, and of course the opportunity to take away some doggy doo bags and native seeds.





**12-14 March 2021
GROW - Stormwater
Superheroes**

Some Zone Committee members were involved, along with Councillors and staff, in having a Stormwater Superhero display at the GROW event. This was the first time the Stormwater Superhero Mobile Resource has been used, having been finished two days before. There was therefore no time for proper training, a proper launch or user-testing the resource, however it was great to get finished and used at this event.



22 March 2021 Launch of Community Water Partnership	Members of the three central Zone Committees were all invited to this event to launch the Partnership, have some parties sign it and make a start on identifying next steps. <i>Note: This event will be held subsequent to this report being prepared, so members can collectively share how it went at the meeting.</i>
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UPCOMING EVENTS

Event	Target Audience & Notes
8 May 2021 Mother of All Clean Ups	Public/community groups. Picking up rubbish along Ōpāwaho/Heathcote River, Ōtākaro/Avon River, and Ihutai/Avon Heathcote Estuary.
Matariki events	Public

UPDATE ON MATTERS RAISED AT PREVIOUS MEETINGS

3.5 Letter to Central Government about urban contaminants, 7 December 2020

A letter was sent to the Minister for the Environment, Minister of Transport and Minister for Building and Construction from the Mayor of CCC and Chair of ECan on 7 December 2020. This letter resulted from a recommendation from the Zone Committee to these Councils to write this letter. The letter urges that national measures and industry standards be developed to better manage urban contaminants at their source so that we can achieve healthy waterways. This was in addition to the prompts by the Committee for the Local Government New Zealand remit. Please see copy of letter for more detail. **(Attachment A)**.

3.6 Heathcote SMP Engagement

On behalf of the Zone Committee, Kevin Brown, Annabelle Hasselman and Shelley Washington have worked with Clive Appleton and their engagement staff to provide the Zone Committee's advice/wishes for how the community engagement on the draft Heathcote Stormwater Management Plan takes place. This advice was well received and we believe it will be adopted. Since then, CCC has delayed the timing of this engagement until June/July as they needed more time to finish some of their modelling. However, it is expected that what was agreed with Kevin and Annabelle will be put in place.

3.7 Research into whether New Zealand has data to be able to study the link between colorectal cancer and nitrates in drinking water

Kevin Brown may be able to briefly update the Committee on 25 March 2021 on research progress being made that is in response to the Committee writing to Central Government two years ago. That letter requested that New Zealand research be done into the link between colorectal cancer and nitrates in drinking water. This letter was written after the Committee became aware of a Denmark

study on this issue. During his presentation of the Committee's annual report to the CCC Three Waters, Infrastructure and Environment Committee, Kevin Brown was invited to attend a briefing that was being given to CCC Councillors. At a future meeting, Kevin may wish to give a presentation.

3.8 Information from Environment Canterbury:

There has been considerable media coverage on the issue of nitrate in drinking water links to colorectal cancer. This comes from the Master's Thesis of Jayne Richards, commissioned by a Ministry of Health (MoH) Task Force in 2020. The Task Force was chaired by Dr Ian Town (MoH Chief Science Advisor) and included Stefanie Rixecker (until she become acting CEO) and Tim Davie, Director of Science. Jayne Richards' research was commissioned to answer the question: does New Zealand have the data to be able to do a study similar to the Danish study that links colorectal cancer with nitrate in drinking water? The answer to that question is yes New Zealand does have the data. The Task Force has related this to the MoH who are considering their next step. When contacted last week, Dr Town indicated that MoH are not actively working on this but it is being considered amongst other priorities. There are several important points to note on this issue:

- Environment Canterbury does not hold health expertise and we rely on the MoH for the setting of suitable drinking water standards. We have written to MoH in 2019 requesting they investigate the health issues of nitrate and drinking water further. To the best of our knowledge the World Health Organisation (who MoH rely on heavily) are not reviewing the drinking water standard for nitrate.
- Jayne Richards' research went on to consider how many of the New Zealand population might be at increased risk of colorectal cancer through drinking water **if** the correlation found in the Danish study is correct (see next point). This is where the figure of 800,000 New Zealanders potentially at risk comes from. The study did not do any correlation or epidemiological work in New Zealand.
- There is contention on the findings from the Danish study, e.g. Professor Frank Frizelle a bowel cancer specialist at Christchurch Hospital
<https://www.stuff.co.nz/national/health/124330345/bowel-cancer-nz-questions-links-between-the-disease-and-low-nitrate-levels-in-drinking-water>. The main points of contention are around inability of the study to accurately isolate lifestyle factors such as diet and smoking and the lack of a causal mechanism.
- The latest world-wide review paper (Ward et al., 2018 which includes consideration of the Danish study – available from Tim Davie if requested) concluded that “*To date, the number of well-designed studies of individual health outcomes is still too few to draw firm conclusions about risk from drinking water nitrate ingestion*”. This paper goes on to call for more studies to investigate links and risks before a recommendation of reviewing drinking water standards could be done.
- The Environment Canterbury position has been that we are well aware of the issues of elevated nitrate in water bodies and are working to reduce these and that we rely on the MoH to set health-based limits.

3.9 Launch of Community Water Partnership 22 March 2021

Members of the three central Zone Committees, Banks Peninsula, Christchurch West Melton and Selwyn-Waihora, were all invited to this event to launch the Partnership, have some parties sign it and make a start on identifying next steps.

Note: This is being held subsequent to this report being prepared so members can collectively share how it went at the meeting.

FOR YOUR INFORMATION AND INSPIRATION

3.10 Cashmere Stream Freshwater Improvement Fund Success

Christchurch City Council has been successful in its application to the Freshwater Improvement Fund and received \$1.5M funding to complement the budget the Council will spend on restoring the cultural and ecological health of 1.8km of the Stream from Sutherlands Road to Dunbars Stream.

The main goal is to enhance the habitat for kōura (freshwater crayfish) and kākahi (freshwater mussels). The Government funding will ensure the project can have a greater amount and quality of planting/restoration, public access, mahinga kai access and community engagement.

CCC staff have held a workshop with key stakeholders who have helped fine-tune the project's objectives and continue to have opportunity to have input into the project. One of these stakeholders is the Cashmere Stream Care Group. The Council's project follows on from the great work that this community group and landowners have done to restore the stream above Sutherlands Road with the support of the Zone Committee, CCC and ECan.

3.11 Styx River Freshwater Improvement Fund Success

The Styx River Living Laboratory Trust has been successful in its application to the Freshwater Improvement Fund and received \$4.1M to support community-led waterway restoration efforts. This project work includes the eradication of pest plants, protection of freshwater quality, restoring ecological function and viability of vulnerable waterways, and providing opportunities for its people to be actively involved in managing their local freshwater.

COMMUNICATIONS AND ENGAGEMENT PLAN – ACTIVITIES PREVIOUS MONTH AND COMING MONTH

3.12 Completed content

Chair's column Cashmere Stream project, Ōtūkaikino etc.	November	Chair column ECan Website, social media
Water Zone Committee Newsletter	November	Email newsletter

Committee progress annual report – internal	December	Hard copies available
Water efficiency ECan chair column	December	ECan Website, social media, newspaper media
Improving water quality in Cashmere Stream and across the Port Hills. Video with Shelley McMurtie	February	Filming complete. Currently editing. Once finished will feature on website and social media.
Estuary Fest – Helen Caley from ZC attended	February	Promoted on social media, will include images in next newsletter
Ōtūkaikino River Field Trip	March	Story on website and will include in next newsletter

3.13 Planned content

- Community Water Partnership – March 22nd. Will send out a media release on behalf of the CWMZC after event
- Newsletter – end of March
- Chairs column – end of March
- Zone Committee refresh. Adverts in paper and on social media encouraging people to apply to join the CWMZC

Attachments / Ngā Tāpirihanga

No.	Title	Page
A ↓	Letter to Ministers from Mayor Dalziel and Chair Hughey - Contaminants - 7 December 2020	22



Office of The Mayor



7 December 2020

Hon David Parker, Minister for the Environment
Hon Michael Wood, Minister of Transport
Hon Poto Williams, Minister for Building and Construction

Private Bag 18888
Parliament Buildings
Wellington 6160

Dear Ministers

Re: Urban water contaminants

We are writing to you to urge that national measures and industry standards are developed to better manage urban contaminants at their source to ensure we can achieve healthy urban waterways. Contaminants such as copper and zinc from metal roofs, vehicle tyres and brake linings are best addressed through initiatives at the national level, such as regulation of building and vehicle materials.

Christchurch City Council and Environment Canterbury are deeply concerned over the extent to which we and other territorial authorities can avoid, mitigate and/or control these contaminants in our urban waterways. Solutions such as stormwater detention and infiltration basins, engineered wetlands and stormwater pump station filtration systems are end-of-pipe approaches which can be costly to both install and maintain. While these approaches have some effectiveness in removal of particulates in stormwater, their ability to reduce the load of dissolved contaminants down to levels that will support healthy ecosystems is limited.

Transportation is one source of several stormwater contaminants, such as hydrocarbons from fuels and lubricants, copper from brake linings and zinc from tyres. Building materials such as copper cladding and spouting and galvanised zinc roofing can release copper and zinc into the environment.

Over the last several years the City Council and Environment Canterbury have supported initiatives to highlight the need for source control:

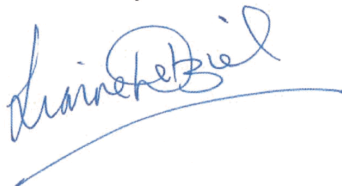
- The Christchurch-West Melton zone committee, a joint committee of the City Council, Environment Canterbury and Selwyn District Council, hosted a workshop in 2018, with participants from Environment Canterbury, the City Council, university researchers, and the Building, Resources and Markets group within the Ministry for the Environment and the Ministry for Business, Innovation and Employment to discuss the issue and possible approaches to managing copper and zinc in stormwater.

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- Prompted by recommendations of the Christchurch-West Melton zone committee, Environment Canterbury, supported by the City Council, submitted a remit on copper in brake pads to Local Government New Zealand (LGNZ). The remit was endorsed at LGNZ's 2018 annual general meeting and recommended that LGNZ work with central government to raise the issue of copper contamination from brake linings and the need for legislative change to ban copper in brake pads.
- The City Council partnered with Environment Canterbury and Selwyn District Council to promote copper-free brake pads as part of the collaborative Stormwater Superhero project.

End-of-pipe solutions, local and regional advocacy and collaboration are helping to address urban waterway contaminants but these approaches can only do so much. We are therefore seeking that the Government work with iwi, industry, local government, research institutions and community organisations to find solutions that reduce or eliminate the release of these contaminants at source.

Yours sincerely



Mayor Lianne Dalziel
Christchurch City Council



Chair Jenny Hughey
Environment Canterbury

Cc: Hon Nanaia Mahuta