
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 26 July 2018
Time: 6pm
Venue: Environment Canterbury,
200 Tuam Street

Membership

Chairperson	Arapata Reuben - Tūāhuriri Rūnanga
Deputy Chairperson	Lance Kenyon - Community Representative
Members	Kevin Brown - Community Representative
	Helen Caley - Community Representative
	Gareth Oddy - Community Representative
	Carly Sluys - Community Representative
	Robert Wynn-Williams - Community Representative
	Suzanne Furkert - Community Representative
	Councillor Pauline Cotter - Christchurch City Council
	Councillor Tom Lambie - Environment Canterbury
	Councillor Debra Hasson - Selwyn District Council
	Herewini Banks - Te Hapū o Ngāti Wheke/Rapaki
	Les Wanhalla - Te Taumutu Rūnanga

If you require access to the Environment Canterbury building after 6pm, please contact Olivia Smith at the number below.

20 July 2018

Zone Facilitator
Olivia Smith
Tel: 0278863949
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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1. Apologies

An apology was received from Councillor Cotter.

2. Confirmation of Previous Minutes

That the minutes of the Christchurch West Melton Water Management Zone Committee meeting held on [Thursday, 24 May 2018](#) be confirmed (refer page 5).

3. Matters Arising from the Minutes

4. Deputations by Appointment

4.1 East Lake Trust

Dave Goodman, Chair of the East Lake Trust will address the meeting on behalf of the Trust.

5. Identification of Urgent Items

6. Identification of General Public Contributions



Christchurch West Melton Water Management Zone Committee OPEN MINUTES

Date: Thursday 24 May 2018
Time: 6.03pm
Venue: Environment Canterbury,
200 Tuam Street

Present

Chairperson	Arapata Reuben - Tūāhuriri Rūnanga
Deputy Chairperson	Lance Kenyon - Community Representative
Members	Kevin Brown - Community Representative
	Helen Caley - Community Representative
	Gareth Oddy - Community Representative
	Suzanne Furkert - Community Representative
	Councillor Pauline Cotter - Christchurch City Council
	Councillor Tom Lambie - Environment Canterbury
	Herewini Banks - Te Hapū o Ngāti Wheke/Rapaki
	Les Wanhalla - Te Taumutu Rūnanga

23 May 2018

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

Tioti Jardine opened the meeting with a Karakia/Timatanga.

The agenda was dealt with in the following order.

1. Apologies

Committee Recommendation

That the apologies from Councillor Hasson, Robert Wynn-Williams and Carly Sluys, be accepted.

Deputy Chairperson Kenyon/Member Brown

Carried/Lost

2. Confirmation of Previous Minutes

Committee Resolved CWZC/2018/00017

Committee Decision

That the minutes of the Christchurch West Melton Water Management Zone Committee meeting held on Thursday, 26 April 2018 be confirmed.

Member Wanhalla/Member Furkert

Carried

3. Matters Arising from the Minutes

Deputations

4.1 – Ōpāwaho Heathcote River Network

At the previous Zone Committee meeting it was requested that a letter be sent to the Christchurch City Council recommending a single point of contact for community groups. Olivia Smith advised that she and Steve Firth would be the first points of contact at Environment Canterbury for the River Network and other organisations. Diane Shelander noted there was not one single point of contact for the Christchurch City Council, however Keith Davison, Manager of Land Drainage would be able to assist with water related enquiries.

Discussion held about the Zone Committee receiving responses to communications it sends to the Christchurch City Council. Arapata Reuben, Olivia Smith and Diane Shelander will work on the best way to achieve this outcome. It was suggested writing to the Councils to request their support of the community initiatives, such as the benefit to the Ōpāwaho Heathcote River Network and the Avon-Ōtākaro Network of the Councils being aware of their activities, and vice versa. The Zone Committee supports these groups and community initiatives.

4.2 – Young Leaders

Olivia Smith informed the Committee that the "Smart Seeds" Young Leaders Group had won with its proposal that gives urban residents the opportunity to recognise clean waterways. The Committee will be provided with a future update on this matter.

Item 8 – Potential Future of the Selwyn District Council Water Race Network

The Environment Canterbury and Christchurch City Council submissions to the Selwyn District Council referred to water races and the sustainability and maintenance of the waterways recognising the ecological habitats, and Tangata Whenua with the Runanga.

Item 9 – Working Group Updates

There was agreement to ask staff from Environment Canterbury Reserves team to attend the next Zone Committee meeting to inform the Committee about their activities, e.g. the Canterbury Plains Grassland Park.

Item 12 Recommendation 5

At the previous Zone Committee meeting a member requested that a letter be sent to the Christchurch City Council regarding the maintenance of the recreational and access structures on the Ōpāwaho Heathcote River. Consideration will be given to the most effective way to influence the Christchurch City Council on including these as part of regular maintenance.

4. Deputations by Appointment

There were no deputations by appointment.

5. Identification of Urgent Items

Copper Brake Pads

Councillor Lambie reported that the issue of the use of copper free brake pads had been sent through to the Local Government Conference and to all councils, then hopefully onto Central Government. The Committee congratulated Suzanne Furkert for raising this matter, and acknowledged Environment Canterbury and the Christchurch City Council, particularly Paul Dickson, regarding modelling of this.

Christchurch City Water Chlorination

Subsequent to the meeting, Diane Shelander provided the Zone Committee members with the following information:

- Three Waters and Waste Report, March 2018
- Well Head Security Improvements

This was in response to these issues raised at the meeting.

6. Identification of General Public Contributions

Nil.

7. Heathcote/Ōpāwaho River Flood Protection Works

The Zone Committee was informed that Clay Griffin was unable to attend the meeting, so this item would be added to a future agenda.

8. Update by Avon-Ōtākaro Network

Teoti Jardine and Evan Smith of the Avon-Ōtākaro Network updated the Committee about its activities via a Power Point presentation, including:

- The Mahinga Kai Exemplar
- Indigenous plantings on waterways that link to the Travis Wetlands
- Te Ara Ōtākaro Avon Trail
- Meet in the Middle event

Committee Resolved CWZC/2018/00018

Joint Committee Decision

That the Christchurch West Melton Water Management Zone Committee:

1. Receive the information in the Update by Avon-Ōtākaro Network report.
2. Agree there are opportunities for the Committee to support the Network by:
 - (a) Advocating to support the Network by encouraging a Council point of contact;
 - (b) Broadcasting through the Councils' Facebook events, e.g. Mother of all Clean Ups.

Deputy Chairperson Kenyon/Member Wanhalla

Carried

9. Cultural Historical Perspective on Freshwater Species

Arapata Reuben provided the Zone Committee with some history of Ngāi Tūāhuriri, the settlement of his ancestors at Kaiapoi, and the gathering of freshwater species from the rivers that has changed and declined over time, in part due to farming practises and urbanisation.

Committee Resolved CWZC/2018/00019

Joint Committee Decision

That the Christchurch West Melton Water Management Zone Committee:

1. Receive the information in the Cultural Historical Perspective on Freshwater Species report.

Member Wanhalla/Councillor Lambie

Carried

10. Working Group Updates - 24 May 2018

Urban Contaminant Working Group

Gareth Oddy updated the Committee with a presentation on the Addington Brook workshop that was held on 20 April. Issues included being able to visit the rivers, clean rivers, and use of the rivers for food collection. The vision "Teeming with Life" artwork was displayed at the meeting.

Discussion was held about an exemplar site. e.g. runoff from a warehouse and a suggestion of inviting community groups to a session on the Storminator.

Cashmere Catchment Working Group
The report was taken as read.

Groundwater and Drylands Working Group
It was suggested that a workshop is held for the Committee on issues and impacts on land users, the general community and inter-zone, including scientific information.

Communication and Engagement
The report was taken as read.

Biodiversity and Immediate Steps
The report was taken as read.

Recreation
It was noted that the "Red Zone Futures" exhibition will run from 26 May to 30 June 2018 in the Cashel Mall. The Zone Committee members agreed with the suggestion of a guided tour of the exhibition and staff will arrange this.

Regional Committee
The report was taken as read.

Liaison with community groups
The report was taken as read.

Committee Resolved CWZC/2018/00020

Joint Committee Decision

That the Christchurch West Melton Water Management Zone Committee:

1. Receive the information in the Working Group Updates report.

Member Banks/Deputy Chairperson Kenyon

Carried

11. Facilitator's Update - 24 May 2018

The Facilitator's report was taken as read, with the following matters noted.

Under the heading "Issues raised at Zone Committee Meetings", jetty maintenance Avon and Heathcote Rivers, this is being investigated as noted earlier under Matters Arising to include these as part of the City Council's regular maintenance.

An update on the trial of the shaving of riverbanks will be presented to the July Zone Committee meeting.

Staff to follow up on a report on mussel harvesting.

The Committee was informed about an initiative by the Christchurch City Council, the Avon Heathcote Estuary Ihutai Trust and the Ōpāwaho Heathcote River Network about Steam Wharf Stream. A map of the stream is available.

Committee Resolved CWZC/2018/00021

Joint Committee Decision

That the Christchurch West Melton Water Management Zone Committee:

1. Receive the information in the Facilitator's Update report.
2. Note the upcoming events.
3. Update the status of issues that have been raised during previous meetings.
4. Note the letter of support for the Christchurch City Council Award nomination for their river catchment vision and values report.
5. Note the media articles.

Member Furkert/Member Caley

Carried

Arapata Reuben closed the meeting with a Karakia/Whakamutunga.

Meeting concluded at 8.54pm.

CONFIRMED THIS 26TH DAY OF JULY 2018

ARAPATA REUBEN
CHAIRPERSON

7. Correspondence

Reference: 18/736260

Presenter(s): Arapata Reuben, Chair

1. Purpose of Report

- 1.1 The purpose of this report is for the Christchurch West Melton Water Management Zone Committee to note the attached correspondence.

2. Staff Recommendations

That the Christchurch West Melton Water Management Zone Committee:

1. Note the letter sent to the Christchurch City Council regarding:
 - a. A single point of contact for the Avon Ōtākaro Network and Ōpāwaho Heathcote River Network Groups;
 - b. Inclusion of the maintenance of recreation access structures on the Ōpāwaho Heathcote River as part of the regular maintenance schedule for the river.

3. Key Points

- 3.1 A letter has been sent from Arapata Reuben on behalf of the Christchurch West Melton Water Management Zone Committee to the Chief Executive of the Christchurch City Council making recommendations in regard to the Committee's previous discussions about:
 - 3.1.1 the Council having a single point of contact for the Avon Ōtākaro Network and Ōpāwaho Heathcote River Network Groups.
 - 3.1.2 inclusion of the maintenance of recreation access structures on the Ōpāwaho Heathcote River as part of the regular maintenance schedule for the river

Attachments

No.	Title	Page
A	Correspondence - Letter Christchurch City Council - 6 June 2018	12



6 June 2018

Karleen Edwards
Chief Executive
Christchurch City Council

Email: karleen.edwards@ccc.govt.nz

Dear Karleen

I am writing on behalf of the Christchurch West Melton Zone Committee¹ to recommend that:

1. Christchurch City Council establish a single point of contact for the Avon Ōtākaro Network and Ōpāwaho Heathcote River Network Groups.
2. Christchurch City Council include the maintenance of recreation access structures on the Ōpāwaho Heathcote River as part of the regular maintenance schedule for the river.

Single point of Contact at CCC

The Avon Ōtākaro and Ōpāwaho Heathcote River Network Groups have made significant progress with engaging the community in a range of projects to improve the health of these rivers. It has been brought to the zone committee's attention that there is currently no single point of contact within the City Council for each of these groups. This makes it difficult for them to access coordinated information, advice, and support. To address this issue, the committee recommend that the Council identify a single point of contact for the groups to ensure they receive prompt responses to enquiries and proactive updates on works happening in these rivers.

Maintenance of recreation access structures

The zone committee consider access to waterways vital for helping deliver the recreation and amenity target in the Canterbury Water Management Strategy. The Ōpāwaho Heathcote River is used for recreation and we consider it important that public can safely access the river.

Brought to you by Environment Canterbury working with

Christchurch
City Council 

 **Environment
Canterbury**
Regional Council
Kaunihera Taiao ki Waitaha



We acknowledge the bank stabilisation work that the Council have undertaken on the Ōpāwaho Heathcote River and recommend this should also include the maintenance of recreation access structures as part of the regular maintenance schedule for the river.

Nāku iti noa nā



Arapata Rueben

1. Note the Christchurch West Melton Zone Committee is a joint committee of Christchurch City Council and Environment Canterbury tasked with the role of engaging the community on water management issues and solutions.

8. Draft 2018 Zone Committee Communications Plan

Reference: 18/736448

Presenter(s): Arapata Reuben, Chair
Jackie Curtis, Cherry Red

1. Purpose of Report

- 1.1 The purpose of this report is for the Christchurch West Melton Water Management Zone Committee to provide feedback on the Draft 2018 Zone Committee Communication Plan.

2. Staff Recommendations

[That the Christchurch West Melton Water Management Zone Committee:](#)

1. [Support the implementation of the 2018 Zone Committee Communications Plan.](#)

3. Report

- 3.1 In 2017 the Zone Committee developed a Zone Committee Communications Plan. Some of this Plan was implemented however it is timely that the Plan is updated for 2018.
- 3.2 The refreshed Communications Plan for 2018, builds on the key components of the 2017 campaign and is focused on stormwater. Please refer to the attached plan for detail.

Attachments

No.	Title	Page
A	Draft 2018 Zone Committee Communications Plan	16

CHRISTCHURCH WEST MELTON ZONE COMMITTEE

COMMUNICATIONS PLAN 2018 (DRAFT) JULY 2018

OBJECTIVES

The overarching vision of the CWMS is ‘to gain the greatest cultural, economic, environmental, recreational and social benefits from our water resources within a sustainable framework both now and for future generations’.

To achieve the opportunities outlined in the Zone Implementation Plan (ZIP).

COMMUNICATION OBJECTIVES

To raise the profile of the Christchurch West Melton Zone Committee and their work.

To raise awareness about stormwater – what we mean by stormwater and simple things people can do to play their part in effective management. *(guided by the findings of the CCC 2018 Christchurch waterways survey)*

To help drive permanent behaviour change around stormwater by providing simple actions for people to take. *guided by the findings of the CCC 2018 Christchurch waterways survey)*

To continue to make comment and influence other issues and the debate around water quality and quantity in the Zone as identified in the Christchurch West Melton ZIP.

TARGET AUDIENCES

All Christchurch residents – particularly those that want to make a simple commitment to their local river or stream.

Local Authorities

Media

STRATEGY

- Our communications will focus on one key issue for the Zone Committee – **Stormwater**.
- We will build all communications around the Stormwater Superhero brand.
- We will make messages simple, consistent, easy to access and engaging.
- We will use a range of channels to target a wider group of individuals.
- We will provide opportunities for Zone Committee members to engage directly with the public on this issue.
- We will use the findings of the CCC 2018 Christchurch waterways survey to help with guiding the focus of this work.
- We will identify and highlight other areas for comment where relevant to the Christchurch West Melton ZIP.

KEY MESSAGES

- The Christchurch West Melton Zone Committee represents our community and provides input, guidance and support for the way we want our waterways managed – they are Stormwater Superheroes.
- Did you know that stormwater is the water that runs off our roofs and down our gutters when it rains? It flows through the drainage system and ends up untreated in our waterways.
- There are three very simple actions that you can take to help improve your local waterway by improving stormwater quality:
 1. Pick up your dog poo
 2. Pick up your litter and other bits of rubbish you spot in the gutter – think about taking a litter bag out on your walk!
 3. Think of your car as a chief polluter – has it got a stormwater Warrant of Fitness, where and how do you wash it, do you have copper free brakes?

Christchurch West Melton Zone Committee Member Actions - using your superhero powers- How ZC members can help start a city wide stormwater superhero movement!

- Be your own stormwater superhero.
- Use your superhero powers at events- put on your t-shirt, have a chat and share some superhero tips.
- Consider how you can motivate your street or workplace to become storm water superheroes?
- Encouraging groups/people you know undertaking stormwater initiatives to use the superhero logo/branding.
- Write an option piece on stormwater
- Identify opportunities for good stories e.g businesses you know that are doing great stormwater stuff – share with the communications team
- Be the face of a top stormwater superhero tip – share it with the communications team so we can highlight!

PLANNED ACTIVITY CURRENT QUARTER (AUGUST - DECEMBER)

Channels include: Media release/newspaper snapshot/web story/social media post/interpretation panels

Themes: - *Back to Basics, Stormwater Superhero Brand, Simple Actions*

August	September	October	November	December
Sign off on Communications plan with Zone Committee and partners	Signage <ul style="list-style-type: none">•Develop signage with key messages for key sites, identify key sites suitable for signage (Margaret Mahy, Hagley park, UC, Red Zone etc), Seek permission for erection of signage Riccarton Mall <p>Start conversation with mall management about stormwater display, highlighting path of Addington Brook and stormwater issues for opening in December</p>	Sunday 7 October – Meet in the middle <ul style="list-style-type: none">•Zone Committee members attend•Give away stormwater superhero dog poo bags and other collateral (TBC)	Signage <ul style="list-style-type: none">•identify new sites suitable for information signs•Seek permission for erection of signage	Riccarton Mall <p>Launch Riccarton Mall display as a high-profile event with attendance by ZC members and great visual material using Superhero brand.</p>
Brand Development and preparation of supporting collateral: <ul style="list-style-type: none">•Stormwater Superhero Brand•Infographic on Stormwater using the superhero brand and simple actions identified•Flyer•Web material•Social media tile•Share with partners and others to maximise use of the brand•Environmentally friendly shopping bags (New World)	Newspaper advertorial <p>Placement of Stormwater infographic in The Press and community papers</p>	Opinion Piece – ZC member <p>Select an appropriate target from the ZIP to highlight</p>	Newspaper advertorial <p>Placement of Stormwater infographic in The Press and community papers</p>	Opinion Piece – ZC member <p>Select an appropriate target from the ZIP to highlight</p>
CCC – Wheelie Bin sticker <p>Investigate potential for stormwater superhero brand and messaging on red wheelie bins.</p>	Online/Social media <ul style="list-style-type: none">•Sharing of infographic on social media•Commence top tips to prove your stormwater superhero status•Highlight information on Meet in the Middle Event•YouTube video	Online/Social media <p>Continue with top tips to prove your stormwater superhero status</p>	Online/Social media <p>Continue with top tips to prove your stormwater superhero status</p>	Online/Social media <p>Continue with top tips to prove your stormwater superhero status</p>
Develop one central web location on Canterbury water and Environment Canterbury web pages for Stormwater Superhero material.	Community Zone Committee Meeting - Meeting to be designed to be more community friendly		Community Zone Committee Meeting - Meeting to be designed to be more community friendly – Host at Christchurch Airport – showcase their stormwater programme.	
CHWM Chair’s Column in the Press and on line – Matariki, ZIP progress and Waimakariri community meeting update.	CHWM Chair’s Column in the Press and on line	CHWM Chair’s Column in the Press and on line	CHWM Chair’s Column in the Press and on line	CHWM Chair’s Column in the Press and on line

9. Avon-Heathcote Estuary Ihutai Trust

Reference: 18/736518

Presenter(s): Islay Marsden, Chair Ihutai Trust
Teoti Jardin, Board Member Ihutai Trust

1. Purpose of Report

- 1.1 The purpose of this report is for the Christchurch West Melton Water Management Zone Committee to be updated on the work of the Avon-Heathcote Estuary Ihutai Trust, and to consider how the Committee can best support the Trust.

2. Staff Recommendations

[That the Christchurch West Melton Water Management Zone Committee:](#)

1. [Receive the information in the Avon-Heathcote Estuary Ihutai Trust report.](#)
2. [Consider how the Committee can support the work of the Trust.](#)

3. Report

- 3.1 The Avon-Heathcote Estuary Ihutai Trust is a non-profit organisation formed in 2002 by the general public and supported by Christchurch City Council, the Canterbury Community Trust and Environment Canterbury.
- 3.2 The vision of the Trust is communities working together for Clean Water - Open Space - Safe Recreation and Healthy Ecosystems that we can all enjoy and respect. The objectives of the Trust are:
 - 3.2.1 To pursue for the Avon-Heathcote Estuary Ihutai (the Estuary) the preservation of its natural and historic resources to maintain their intrinsic values, and to seek the protection of these resources, including restoration and enhancement, for their appreciation and recreational enjoyment by present and future generations.
 - 3.2.2 To achieve healthy working ecosystems for the Estuary and its catchments through Integrated Environmental Management, meaning a systematic effort to understand, through interactive interpretation and analysis, the linkages between ecosystems, resources and people.
 - 3.2.3 To involve individuals, community groups and statutory agencies in learning and practicing the principles of integrated environmental management so that all parties responsible for the management of the Estuary and its resources apply these principles.
 - 3.2.4 To strengthen relationships between mana whenua, communities, interest groups and statutory agencies for the better management of the Estuary and its resources.
 - 3.2.5 To acquire, publish and use information and knowledge of the Estuary through research and monitoring, public education, contributing to planning, and any other actions that are necessary for the integrated environmental management of the Estuary, its resources and its catchments.
 - 3.2.6 To increase public recognition, understanding and appreciation of the qualities and values of the Estuary.

- 3.3 The Chair of the Trust, Islay Marsden, and Board Member, Teoti Jardin, will attend the Zone Committee meeting to provide an update on the work of the Trust. The Trust is also motivated to hear from committee members about the work of the Zone Committee.

Attachments

There are no attachments to this report.

10. Working Group Updates - 26 July 2018

Reference: 18/736654

Presenter(s): Olivia Smith, Zone Facilitator

1. Purpose of Report

- 1.1 The purpose of this report is for the Christchurch West Melton Water Management Zone Committee to be updated on the activities of each Working Group over the last month and the next steps each group is working on.

2. Staff Recommendations

[That the Christchurch West Melton Water Management Zone Committee:](#)

1. [Receive the information in the Working Group Updates report.](#)
2. [Support Zone Committee participation in the stormwater stall at the Student Volunteer Army Event on 28 July 2018.](#)
3. [Support Zone Committee participation in the Erosion and Sediment Control Conference field trip on 31 August 2018.](#)
4. [Identify a committee member to be part of the judging panel for the Ōpāwaho/Heathcote River Network photographic competition.](#)

3. Report

Urban Contaminant Working Group – Cr Pauline Cotter, Suzanne Furkert, Cr Tom Lambie, Helen Caley, Gareth Oddy, Andrew Congalton (co-opted) (supported by Jenny Watters and Nick Moody)

What are we trying to achieve in 5 years (2020)

- Addington Brook improve catchment health – contact recreation by 2020 and swimmable by 2030 (linking to Zone Implementation Programme (ZIP's)). Meets agreed standards as set out by the 5 year 'living' Integrated Catchment Management Plan to be developed by June 2018.
- Riccarton Stream improve catchment health (linking to ZIP's). Meets agreed standards as set out by the 5 year 'living' Integrated Catchment Management Plan to be developed by 2019.
- Haytons Stream improve catchment health (linking to ZIP's). Meets agreed standards as set out by the 5 year 'living' Integrated Catchment Management Plan to be developed by June 2018.

What have we done since we last met?

The working group met on 27 June. Key discussion points included:

- CCC secured LTP funding for stormwater treatment in Addington and Riccarton.
- Addington Storyboard ready to go live in August 2018.
- ECan commissioned Storminator trial at 4 sites to reduce zinc discharges from zinc roofs in catchment.

- ECan commissioned MEDUSA online project to allow scenarios for different treatment scenarios in catchment to be modelled (this will support CCC's stormwater LTP funding and the knowledge and understanding will have Canterbury wide benefits for urban catchments).
- Draft Haytons Stream Action Plan shared with the group and discussions underway with CCC staff.
- Haytons Stream 2018-19 water quality monitoring programme developed in collaboration with CCC.
- Ongoing collaborative work with CCC to stop point source pollution.
- Focus on erosion and sediment control at development sites over the winter.

Next steps

- An expression of interest has been submitted for a mobile Community Stormwater Education Resource submitted to the UNESCO contestable fund under the banner of the "Community Water Partnership".
- On 28 July Student Volunteer Army will hold their annual event. Ecan staff will have a stormwater stall. This is great opportunity for Zone Committee members to raise awareness with 500 students about stormwater before they go out to undertake community volunteer projects.
- The working group will meet again in two months.

Cashmere Catchment Working Group – Arapata Reuben, Ken Rouse (Chair, co-opted), Les Wanhalla, Lance Kenyon, Gareth Oddy (supported by Shelley Washington)

What are we trying to achieve in 5 years (2020)

- Reduce sediment getting into Cashmere Stream (and therefore the Heathcote/Ōpāwaho and Avon-Heathcote Estuary/Ihutai)
- Improve ecosystem health

What have we done since we last met?

- Received an update from Environment Canterbury Compliance, Incident Response, Consents and Science staff (via Shelley Washington) on draft "game-plans" for implementing the recommendations from the TSS-Clarity-Turbidity Relationship project.
- Work is taking place on Improving and updating the construction-phase stormwater conditions. Science related recommendations are being followed up. The industry uptake related recommendations will need to wait until September to be further developed.

Next steps

- Identify how the Cashmere Working Group and Christchurch West Melton Zone Committee will be involved in taking a leadership role in the upcoming International Erosion Control Association (IECA) Conference. This takes place in Christchurch on 29-31 August. On 28 August there will be a field day held by Environment Canterbury in the red zone for industry to share and learn about useful tools. On 31 August there will be a field trip focused on Cashmere Catchment, linked to Heathcote/Ōpāwaho River and Avon Heathcote Estuary/Ihutai. The field trip in particular will be a good opportunity for a member(s) of the Zone Committee to say a few words. Nathan Dougherty, Snr Incident Response Officer from the Waimakariri Zone Team is the lead on this event.

Groundwater & Drylands Working Group – Kevin Brown, Robert Wynn-Williams, Helen Caley, Carly Sluys, Gareth Oddy, Cr Tom Lambie, Cr Debra Hasson (supported by Zone Facilitator and Geoff Thompson)

What are we trying to achieve in 2 years?

- Know how much water is available for use.
- Understand the landownership pattern within the protection zone.
- Understand the threats to Christchurch's groundwater system.
- Identify how we can protect this resource for future generations.

What have we done since we last met?

- Met with the Waimakariri Zone Committee in May to discuss the ground water modelling of nutrients 7 May.
- In June, ECan Technical staff have a briefing to the Zone Committee on the science work for the interzone nitrate issue.

Next steps?

The Waimakariri Zone Committee are currently doing a round of public engagement. In September the Zone Committee will seek public feedback on the draft solutions package.

Communication and Engagement – Arapata Reuben, Lance Kenyon, Herewini Banks (supported by Charlotte O'Sullivan and Jackie Curtis)

What are we trying to achieve in the next 5 years (2020)?

- Raise awareness
 - State of the waterways, their values and issues
 - Actions individuals and groups can take
 - Individual and groups doing good stuff
- Inspire action

What have we done since we last met?

- Chair's article.
- Developed a draft communications plan.
- Meeting with CHCH Airport regarding opportunities to tell the story about the stormwater work they are doing.

Next steps

- Chair's article
- Start implementing agreed communications plan.
- Follow-up re CHCH airport opportunity.

Biodiversity & Immediate Steps – Lance Kenyon, Les Wanhalla, Cr Tom Lambie, Carly Sluys (supported by Ashleigh Watts and Zone Facilitator)

What are we trying to achieve in the next 5 years (2020)?

- Increase indigenous species diversity, abundance and improved ecological health by providing funding to individuals, landowners and community groups.
- Raise awareness of biodiversity and ecological values of the Christchurch West Melton zone
- Recommend Immediate Steps funding allocations

What have we done since we last met?

- Meeting with Lance to discuss ways to use the Opawaho/Healthcote catchment project map to promote work that is been undertaken in the catchment.
- Initial discussion re IMS rounds.

Next steps

- Review immediate steps applications - next round August/September

Recreation – Suzanne Furkert, Cr Pauline Cotter, Evan Smith (AvON, co-opted), Cr Glenn Livingstone (co-opted), CrTom Lambie, Carly Sluys (supported by Shelley Washington, Diane Shelander, Zone Facilitator)

What are we trying to achieve in the next 5 years (2020)?

- Waterways better provide for multiple recreation, relaxation and amenity uses
- Aquatic and adjacent land recreational values in the Lower Avon/Ōtākaro River are improved (between Fitzgerald Ave and Estuary).
- Engage with stakeholders; identify challenges and opportunities; develop strategy; and implement strategy to improve aquatic and adjacent land recreational values in the Lower Avon/Ōtākaro River (between Fitzgerald Ave and Estuary).

What have we done since we last met?

- No meeting was held.

- Zone Committee letter to CCC re maintenance of recreation structures.
- Newsletter went out to recreation stakeholders summarising progress of all the recommendations the Zone Committee made for improving recreation and river health in the Lower Avon/ Ōtākaro.

Next steps

The Working Group may meet to discuss improving recreation in the Heathcote/Ōpāwaho if group wishes/needs to meet. CCC is working on a walking map which will show current walks along the Heathcote. They hope to get a digital version with more detail online before summer. CCC's major cycle routes also access parts of the river.

Regional Committee – Les Wanhalla (supported by Lesley Woudberg)

- Regional Committee met on 12 June with a focus on the CWMS Fit For Future Project.

Liaison with community groups – Suzanne Furkert (supported by Shelley Washington, Nick, Jenny, Ashleigh)

What are we trying to achieve in 5 years (2020)?

- Ensure we complement and build on each other's work to improve the health of Christchurch's water resources.

Some of the things happening:

- The Networking for the Environment in greater Christchurch event is was held on Thursday 28 June. The topic was The Future of Funding II – Crowdfunding. This had very high quality speakers from Spark Foundation's GiveALittle and the Million Metres Fund.
- Cashmere Stream Care Group
The Cashmere Stream Care Group had a meeting on 26 June. The group have continued to work with landowners, CCC, ECAN to progress phase 3 of their restoration project and maintaining phase 1 and 2. They have recently become aware that stretch of stream-bank has had a change in landownership and are working with CCC staff, ECAN and the landowner to ensure that a new housing development can be done in a way which results in a win-win solution. The group have also sought information on compliance for various resource consents in relation to erosion and sediment control. The Cashmere Stream Care Group's clarity monitoring data has been tidied up and quality checked by EOS Ecology and will be used to create an easy to understand "report card". The Cashmere Stream Care Group has been in discussion with CCC (Belinda Margetts) about potential locations for riparian planting via CCC's waterway restoration budget. The Group is preparing a handout for participants attending the field trip on the International Erosion Control Association Conference.
- Avon Heathcote Estuary Ihutai Trust will update the Committee on its work at the meeting.

- Avon Ōtakaro Network launched its stormwater raingarden exemplar at its Matariki event on 17 June. The Network continues to work with Greening the Rubble as part of the group's activation and transitional focus for the red zone.
- Ōpāwaho Heathcote River Network held its AGM on Saturday 30 June and ex-Parliamentary Commissioner for the Environment, Dr Jan Wright spoke about climate change. A community networking event will be held on Saturday 28 July which includes lunch and korero to celebrate the dedicated work and support the community has committed to the Ōpāwaho Heathcote River. The group are planning a Day in the Life of the Ōpāwaho-Heathcote River Photographic competition for Sunday 23 September from day break until nightfall, which is World Rivers Day. They would like a member of the Zone Committee to be on the judging panel for the competition and sponsor a prize.
- Roimata Commons Trust is developing a Community Environmental Guardianship Programme. They are working closely with CCC to make Radley Park an engaging and well-used community park with fruit trees, native plantings and other innovative community engagement projects.
- Roimata Commons Trust and Ōpāwaho Heathcote River Network are collaborating with EOS Ecology and Ecans Youth Engagement staff to deliver a programme to approx 200 students across two schools, along with their families. In-class learning and inquiry with hands-on experiences in local environment. Topics for delivery include food, inanga and water. ECan and a range of other funders are helping fund this initiative.
- Shirley Stream Care Group held a community planting event on 26 May. CCC supported them with this and carried out other actions in recent months to improve the stream.
- Styx River Living Laboratory Trust has held workshops in May and June to identify their priorities for 2018-19 and develop a 3 year work programme. They have also held Matariki events.

Next Steps

Keep in touch with groups and look for opportunities to highlight some of the great work they are doing.

Attachments

There are no attachments for this report.

11. Facilitator's Update - 26 July 2018

Reference: 18/736775

Presenter(s): Olivia Smith, Zone Facilitator

1. Purpose of Report

1.1 The purpose of this report is for the Christchurch West Melton Water Management Zone Committee to be informed of:

1.1.1 Upcoming events

1.1.2 Status of issues raised at Committee meetings

1.1.3 Media and items for information.

2. Staff Recommendations

That the Christchurch West Melton Water Management Zone Committee:

1. Receive the information in the Facilitator's Update report.
2. Receive the report on the Canterbury Water Management Strategy Fit for the Future project.

3. Report

a) Upcoming Events

Table - Zone Committee meetings shaded blue and Community events shaded green

Event	Who	Comment
Infrastructure, Transport and Environment Committee (CCC) Wednesday 8 August @ CCC	CCC Councillors Meeting open to the public	Agendas and minutes can be found at http://christchurch.infocouncil.biz/
Zone Committee Meeting Thursday 23 August ECan (TBC)	ZC members	
Ashgrove Reserve Working Bee 28 July	Public	https://ecocanterbury.org.nz/
Student Volunteer Army's Annual Event 28 July 2018	Students Zone Committee Members	ECan will organise a stall at this event focused on stormwater. It would be great if Zone Committee members could support. Come along in your t-shirt and share information about stormwater and what people can do to help.
Halswell Planting Day 4 August	Public	https://ecocanterbury.org.nz/

Southshore Reserve Planting Day 11 August	Public	https://ecocanterbury.org.nz/
Otukaikino Planting Day 26 August	Public	https://ecocanterbury.org.nz/
International Erosion Control Association Conference 28 – 31 August Christchurch	Industry practitioners Zone Committee members	https://www.nziht.co.nz/Conferences-and-Seminars/2018-IECA-and-NZIHT-Conference/28th-31st-August,-Chateau-on-the-Park,-Christchurch/

b) Issues Raised at Previous Zone Committee Meetings

Date	Issue	Action	Comment
24/5/18	Copper and brake pads	Remit to LGA conference (see attached).	The remit was passed with 86% of the sector in support. The next step is that Central Government to respond to the remit.
24/5/18	Jetty maintenance Avon and Heathcote rivers	Letter was sent to CCC regarding this in early June.	CCC response to be tabled at meeting
24/5/18	Structure in CCC and ECan to assist river network groups	Letter was sent to CCC regarding this in early June.	CCC response to be tabled at meeting
24/5/18	Dryland Park	Facilitator meet with Ranger/Biodiversity Officer to discuss opportunities. There is some fantastic work going on to improve regeneration of dryland species and also to enhance recreation opportunities. Staff suggested that Zone Committee members have a field trip to discuss opportunities further.	Would the Zone Committee be interested in a fieldtrip in Spring?
24/5/18	Storminata	Invite Canterbury University staff to discuss the storminata at the September meeting.	Could do additional advertising to increase public attendance at the meeting.
24/5/18	Riverside Cutting Trial	Media update was sent to Zone Committee members.	Will update Zone Committee with any further developments
24/5/18	Chlorination of Christchurch drinking water	Regular updates are being sent to Zone Committee members.	
24/5/18	Waimakariri Interzone Nitrates	The Waimakariri Zone Committee are currently undertaking a round of public engagement. It is anticipated	

		that public feedback will be sought on the draft ZIP in September.	
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c) Information-

- CWMS Fit for Future Project- summary attached.
- LONG TERM PLAN – Some key LTP decisions relevant to CWMS

Environment Canterbury	
CWMS	<ul style="list-style-type: none"> • Additional funding for zone delivery teams. \$750,000 over 3 years. • 3 Cultural Land Management Advisors across the region and 2 additional Land Management Advisors. • 1 Audit Programme Coordinator. • Some additional science support roles. • Step Change Biodiversity Programme including additional staff support for braided rivers and wetlands.
Christchurch City Council	
Drinking Water	<p>CCC will spend \$492 million improving and maintaining our drinking water infrastructure over the next 10 years, including:</p> <ul style="list-style-type: none"> • Water supply main pipe renewals (\$282 million). • Well renewals (\$37 million). • Water supply submains renewals (\$36 million). • New water supply pump stations in growth areas (\$11 million).
Stormwater	<p>CCC will spend \$262 million through the Land Drainage Recovery Programme on projects to reduce flood risk. In addition to the land drainage recovery programme, we propose spending \$416 million on stormwater and flood protection infrastructure over the next 10 years, including:</p> <ul style="list-style-type: none"> • Waterway lining renewals (\$89 million). • Styx stormwater management plan (\$55 million). • Stormwater pipe renewals (\$49 million). • Southwest stormwater management plan (\$24 million). • Avon stormwater management plan (\$19 million). <p>Considering re-phasing funding for the Styx River catchment and also some work funded for stormwater in Addington Brook.</p> <p>The Community Water Partnership Proposal was not funded.</p>
Wastewater	<p>CCC will spend \$706 million on wastewater infrastructure over the next 10 years, including:</p>

	<ul style="list-style-type: none"> Renewing wastewater pipes (\$358 million). Lyttelton Harbour wastewater scheme (\$42 million). Akaroa wastewater scheme (\$35 million). Renewing wastewater pump station 20 (Locarno Street) and its pressure main (\$28 million). Renewing trickling filter media at the Christchurch wastewater treatment plant (\$27 million).
Other	<ul style="list-style-type: none"> Ongoing funding for EnviroSchools Additional park ranger was added to the Parks Unit to support 'community partnership initiatives' and Reserve Management Committees on Banks Peninsula

Attachments

No.	Title	Page
A	Attachment 1 - Fit for Future Project	31
B	Attachment 2 - Fit for Future Project	34
C	Copper Brake Pad LGNZ Remit	35

AGENDA ITEM NO:	SUBJECT MATTER: CWMS Fit for Future project
REPORT: Christchurch West Melton Water Zone Committee	DATE OF MEETING: 28 June 2018
REPORT BY: Angela Cassidy (Strategy Advisor, Ecan)	

Purpose

1. This paper updates the Zone Committee on the Canterbury Mayoral Forum project to ensure the Canterbury Water Management Strategy (CWMS) is fit for the future needs of the region.

Recommendations

That the Christchurch West Melton Water Zone Committee:

1. **receive the report on the Canterbury Water Management Strategy (CWMS) Fit for the Future project.**

Report

Key points

2. The Canterbury Mayoral Forum has agreed to sponsor a project to ensure the CWMS is fit for the future needs of the region. Environment Canterbury is managing the project, working closely with territorial authorities and Ngāi Tahu. The CWMS Regional Committee has been asked to take a lead role in developing advice on intermediary goals (targets) for 2025 and 2030 for the ten CWMS target areas.
3. The process of developing goals for 2025 and 2030 will involve wide engagement with stakeholders. Environment Canterbury will keep Zone Committees informed and engage at two key points:
 - Engagement on draft goals (mid-September to early October 2018 meetings)
 - Engagement on refined goals and measures, and on implementation issues (mid-November to early December 2018 meetings).

Background

4. On 25 May 2018, the Canterbury Mayoral Forum agreed to sponsor a project to ensure the CWMS is fit for the future needs of the region. The Forum noted that the CWMS strategic framework continues to provide a good foundation for freshwater management in Canterbury and agreed that the focus of the project be on:
 - developing intermediary goals for 2025 and 2030 to ensure that the CWMS continues to provide meaningful guidance for action

- identifying what is required to maintain and build momentum for implementation of the strategy and ensure that it can and will be delivered.
5. The Forum also agreed that Environment Canterbury will manage the project, working closely with territorial authorities, and that the CWMS Regional Committee be responsible for developing advice on intermediary goals.
 6. Environment Canterbury has established a Steering Group with senior staff from each Canterbury territorial authority to provide oversight of the project.

Overview of project

7. The attached A3 provides an overview of the project.
8. Points to note are that:
 - A key objective of the project is to build momentum and ownership for implementation of the CWMS. We anticipate that the process of developing intermediary goals to guide the next ten years will also be a vehicle for discussion on what is needed to deliver the strategy.
 - The intent is to reflect the collaborative ethos of the CWMS in way the project is managed and delivered. This will involve:
 - Environment Canterbury working collaboratively with the territorial authorities, and with Ngāi Tahu
 - bringing together a mix of interests and perspectives to develop draft goals
 - regular engagement with the Zone Committees and other stakeholders.
 - Environment Canterbury is due to report back to the Canterbury Mayoral Forum with final project recommendations by April 2019. Timeframes are tight, and work to develop advice on draft goals for 2025 and 2030 will be undertaken over the next six to eight months.

Process for developing intermediary goals

9. The process of developing advice on intermediary goals will involve:
 - bringing together people from a mix of council, Ngāi Tahu, industry and NGO perspectives to be directly involved in developing draft goals for 2025 and 2030 (through task groups)
 - seeking input Zone Committees on the draft goals
 - engaging with other stakeholders including community groups, young people, iwi and sector interests.
10. There will be two 'rounds' of task group workshops: the first to develop draft goals; the second to refine the goals and measures, and identify what actions and resources are needed to achieve the goals. Each round of workshops will include the development of integrated advice for the Regional Committee by a Goals Working Group, and engagement with key stakeholders. A final working group meeting will be held in early

2019, focused what is needed to enable implementation of the strategy and delivery of the recommended goals.

11. The six task groups will cover the following target areas:

- Environmental limits
- Ecosystem health and biodiversity; Natural character of braided rivers
- Kaitiakitanga
- Drinking water; Recreational and amenity opportunities
- Water-use efficiency; Irrigated land area; Energy security and efficiency
- Regional and national economies.

Zone Committee involvement in the process

12. As noted, the process will involve wide engagement with stakeholders. We propose to engage with Zone Committees at two key points:

- *Engagement on draft goals* – to seek feedback on the draft goals from a zone perspective, including any feedback on measures and views on what would be required to achieve them locally (mid-September to early October 2018 meetings)
- *Engagement on refined goals and measures, and on implementation issues* – to provide an update on how feedback has been incorporated into refined goals and to seek feedback on revised goals and measures, what is required to give effect to the goals at the zone level and the support required by Zone Committees (mid-November to early December 2018 meetings).

13. In addition, Environment Canterbury will provide an update on project progress to Zone Committee meetings as required, and on the final outcomes of the project in May 2019. We anticipate that some Zone Committee members will also participate in the task groups being established to support the Regional Committee.

Next steps

14. Key steps for this project over the next few months are:

- establishing task groups and a Goals Working Group (underway)
- holding the first meeting of the Goals Working Group (late July)
- holding the first task group meetings to develop draft goals (August 2018)

15. We will be seeking to engage with the Christchurch West Melton Water Zone Committee again at the following meetings:

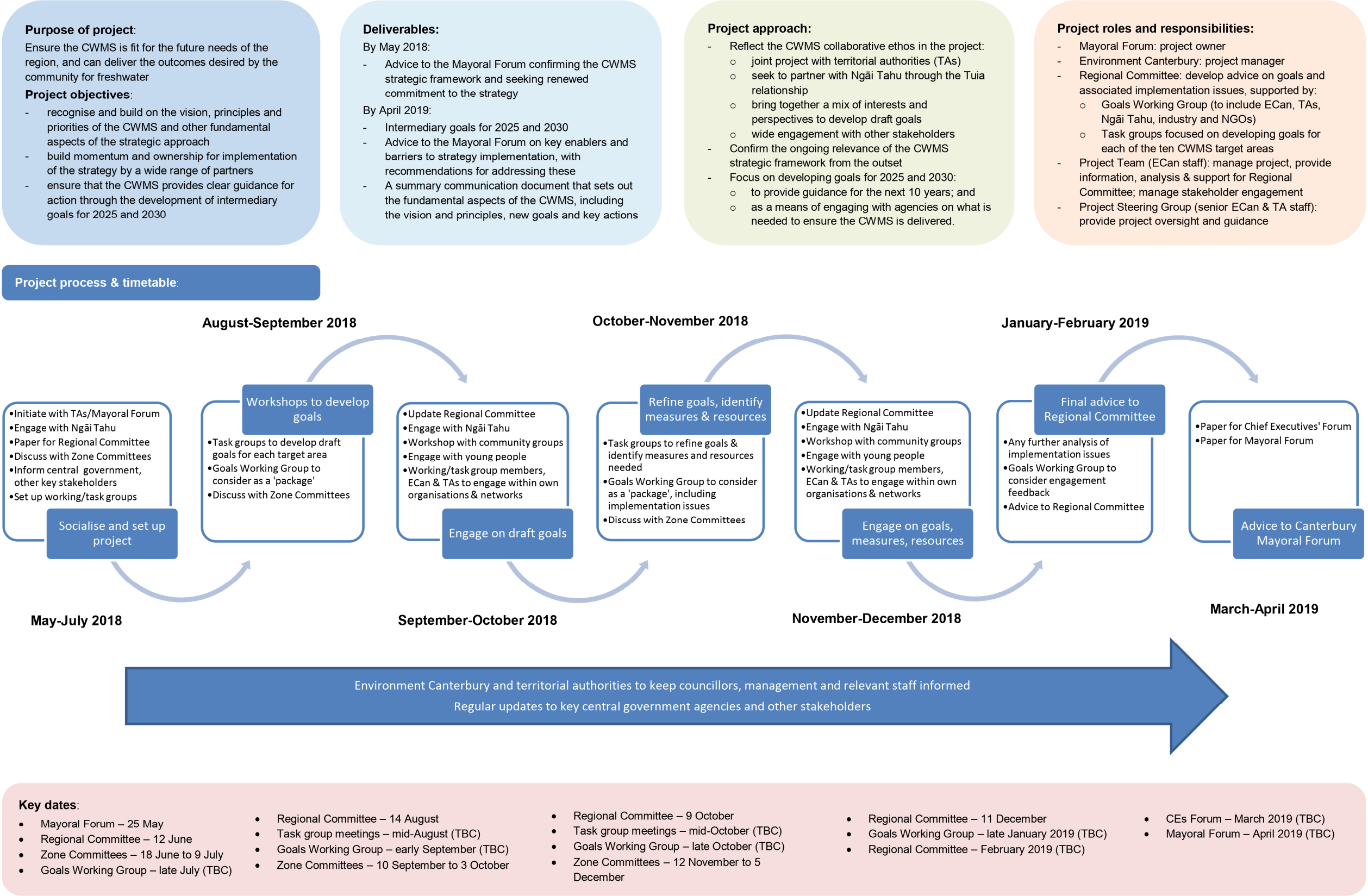
- 27 September 2018 – to seek feedback on draft goals
- 26 November 2018 – to seek feedback on refined goals, measures, and implementation issues.

Attachment

- A3 overview of the project

Canterbury Water Management Strategy (CWMS) Fit for the Future Project

DRAFT – 20 June 2018



**We are.
LGNZ.**

10

Copper in brake pads

Remit:	That LGNZ calls for central government to introduce legislation to limit or eliminate the copper content of vehicle brake pads to reduce contaminants in our urban waterways.
Proposed by:	Environment Canterbury
Supported by:	Regional Sector

1. Background information and research

1. Nature of the issue

Many urban centres have some level of waterway degradation as a result of urbanisation. Stormwater runoff is the major source of copper and other metals.

A necessary part of any water quality measurement strategy is to reduce or eliminate contaminants at the source. Some sources can be managed at a regional or local level with bylaws and district plans, however, the control mechanisms available to a local authority are not sufficient to tackle copper. The remit seeks central government action.

2. Background to its being raised

Research and modelling from various parts of New Zealand indicates that brake pads are the dominant source of copper in urban waterways. Many brake linings contain copper or bronze chips or powder to improve braking properties and provide mechanical strength. The debris worn from brake linings may be retained within the brake pad housing or released onto the road. Brake pad dust is frequently washed from wheels into the storm water network when a vehicle is cleaned.

Research shows that end-of-pipe stormwater treatment practices such as treatment basins, swales and filters are insufficient to achieve the outcomes sought. Therefore, councils across New Zealand see a need for national-scale mechanisms to take the most effective action to remove copper from stormwater.

3. New or confirming existing policy

**We are.
LGNZ.**

In 2010, both Washington and California passed legislation-requiring brake pads sold or installed to have reduced levels of copper and other heavy metals. There is no such legislation in New Zealand.

4. How the issue relates to objectives in the current Work Programme

The issue fits under LGNZ's priority 3 – Environment: leading, in collaboration with others, the challenge of enhancing environmental qualities, protecting freshwater resources and biodiversity and addressing the impacts of climate change and other threats.

The issue fits within water 2050 Work stream 2: Water Quality.

5. What work or action on the issue has been done on it, and the outcome

The Christchurch City Council, Environment Canterbury and the Canterbury Water Management Strategy's Christchurch Melton Zone Committee are closely collaborating to improve water quality outcomes. These groups have worked together to investigate the issue and possible solutions. More detailed analysis is available should it be required.

Wet weather data that is available – from limited monitoring that has occurred during wet weather and from research by NIWA, Canterbury University and other centres – indicated that copper concentrations in storm water runoff are two to ten times in Canterbury land and water regional plan water quality standard. Research elsewhere suggests that it will be the case for most large urban centres.

Modelling software developed at the University of Canterbury was used in a study of urban catchment in Christchurch. It defined large carparks and highly trafficked roads as primary contributors of total suspended solids, and highly trafficked roads and industrial carparks as primary contributors of copper. Modelling also showed:

- Removal of copper contributors onto roads and carparks via implementation of copper-free brake pads is predicted to have significant reduction (78%) on catchment copper loads.

Copper free and low-copper brake pads are available for sale in New Zealand but there is no one source of information in New Zealand and there are varying prices and quality for all brake pads. Unlike in the US and Europe there is no requirement for labelling. As an importer of brake pads, New Zealand could easily achieve a 'quick win' for water quality by restricting imports to low copper or copper free brake pads with no significant implications for New Zealand industries. The United States Environment Protection Agency (in 2015) committed to reduce copper in brake pads to less than 0.5 percent by 2025.

**We are.
LGNZ.**

6. Evidence of support from Zone/Sector meeting or five councils

Environment Canterbury proposed the remit at the 4 May Regional Sector meeting and sought support from members. The remit is:

LGNZ calls for central government to introduce legislation to limit or eliminate the copper content of vehicle brake pads.

The remit was supported unanimously by the members present.

7. Suggested course of action envisaged

That LGNZ work with central government to raise the issue and advocate for legislation change.

