

Canterbury Water Management Strategy Waimakariri Zone Committee

Agenda

Monday 6 July 2020

3:30pm

***Council Chambers,
Waimakariri District Council,
215 High Street,
Rangiora***

Members:

Michael Blackwell (Chair)
Cameron Henderson (Deputy Chair)
David Ashby
Erin Harvie
Carolyn Latham
Judith Roper-Lindsay
Wendy Main
Arapata Reuben (Te Ngai Tūāhuriri Rūnanga)
John Cooke (Te Ngai Tūāhuriri Rūnanga)
Sandra Stewart (WDC Councillor)
Megan Hands (ECan Councillor)

Chairperson and Members

CWMS WAIMAKARIRI ZONE COMMITTEE

Agenda for the meeting of the **CANTERBURY WATER MANAGEMENT STRATEGY WAIMAKARIRI ZONE COMMITTEE** to be held in the **WAIMAKARIRI COUNCIL CHAMBERS, 215 HIGH STREET, RANGIORA** on **MONDAY 6 JULY 2020** commencing at **3:30PM.**

Recommendations in reports are not to be construed as
Council policy until adopted by the Council

BUSINESS

PAGES

1. **BUSINESS**

1.1 **KARAKIA**

1.2 **APOLOGIES**

1.3 **WELCOME AND INTRODUCTIONS**

1.4 **REGISTER OF INTERESTS**

Advice of any changes or updates.

4 - 5

2. **Opportunity for the public to speak**

3. **Kaiapoi Lakes Update – S Allen (WDC) and A Meredith (Ecan)**

6- 7

RECOMMENDATION

THAT the CWMS Waimakariri Zone Committee:

- a) **Receives** this update for its information.

4. **Ashley Rakahuri Coastal Streams – Update – S Allen (WDC) and M Griffin (Ecan)**

RECOMMENDATION

THAT the CWMS Waimakariri Zone Committee:

- a) **Receives** this update for its information and supporting the Committees sub-catchment engagement and action planning in the coastal Rakahuri.

8-9

5. **COMMITTEE UPDATES – M Griffin (CWMS Facilitator, ECAN)**

RECOMMENDATION

10-16

THAT the CWMS Waimakariri Zone Committee:

- a) **Receives** these updates for its information, and with reference to the Committee's 2020 work programme and community engagement priorities.

5.1. Consent to Farm campaign 2020.

5.2. Memo question from Councillor Stewart – Nitrate Trends Christchurch.

6. **CONFIRMATION OF MINUTES**

Minutes of the Canterbury Water Management Strategy Waimakariri Zone Committee meeting – 8 June 2020

17 - 22

RECOMMENDATION

THAT the CWMS Waimakariri Zone Committee:

- a) **Confirms** the minutes of the Canterbury Water Management Strategy Waimakariri Zone Committee meeting, held on 8 June 2020, as a true and accurate record.

Matters Arising

7. **GENERAL BUSINESS**

KARAKIA

NEXT MEETING

The next meeting of the CWMS Waimakariri Water Zone Committee is scheduled for the 3 August 2020 at 3:30pm.

WAIMAKARIRI WATER ZONE COMMITTEE

Register of Interests – at 1 June 2020

Name	Committee Member Interests
David Ashby	<ul style="list-style-type: none"> - Director/shareholder – Pineleigh Farm Limited - Director/shareholder – Dave Ashby Rural Consultants Limited - Shareholder – Waimakariri Irrigation Limited - Member – Cust Main Drain Water User Group
Michael Blackwell	<ul style="list-style-type: none"> - Director/ Shareholder – Blackwells Limited, Kaiapoi - Treasurer – North Canterbury Clay Target Association - 4Ha property, Tuahiwi
John Cooke	<ul style="list-style-type: none"> - Director/Shareholder – Executive Limousines 2015 Limited - Director/Shareholder – Express Hire Limited - Director/Shareholder – Secure Property Management Limited - Director/Shareholder – Testpro Limited - Director/Shareholder – Acropolis Wedding and Event Hire Limited - Director/Shareholder – Pines Beach Store Limited - Director/Shareholder – Coastal Dream 2005 Limited – 4Ha property, Kaiapoi - Interim Trustee – Section 6 Survey Office Plan 465273 Ahu Whenua Trust
Megan Hands	<ul style="list-style-type: none"> - Director/Shareholder – Landsavvy Limited - Member – NZ Institute of Primary Industry Management - Member – NZ Young Farmers - Member – Institute of Directors NZ - ECan Councillor
Erin Harvie	<ul style="list-style-type: none"> - Shareholder – Bowden Consultancy Limited, trading as Bowden Environmental - Member – NZ Hydrological Society - Associate member – NZ Institute of Primary Industry Management - Involvement with Cust River Water User Group
Cameron Henderson	<ul style="list-style-type: none"> - Dairy Farmer - Groundwater irrigator - Member – NZ Institute of Primary Industry Management - Member – NZ Dairy Environment Leaders Forum - Chairman – DairyCan - Canterbury Dairy Environment Leaders Forum - Chairman – North Canterbury Federated Farmers
Carolyn Latham	<ul style="list-style-type: none"> - Farmer – Sheep, beef - Director – Latham Ag Ltd Consulting - Shareholder – Silver Fern Farms, Farmlands - Registered Member – New Zealand Institute of Primary Industry Management
Wendy Main	<ul style="list-style-type: none"> - Dairy Farmer – Trinity Holdings (2001) Ltd - Registered Nurse - Member Federated Farmers - Consent to Farm and related consents for water and effluent with ECan - Shareholder – Silver Fern Farms, Farmlands, LIC

Arapata Reuben	<ul style="list-style-type: none"> - Chair – Ngāi Tūāhuriri Rūnanga - Trustee – Tuahiwi Marae - Trustee – Tuhono Trust - Trustee – Mana Waitaha Charitable Trust - Member – National Kiwi Recovery Group - Rūnanga Rep – Christchurch/West Melton Water Zone Committee - Rūnanga Rep – Ashburton Water Zone Committee
Judith Roper-Lindsay	<ul style="list-style-type: none"> - Director/ecologist – JR-L Consulting Ltd. - Landowner/small-scale sheep farmer, Ashley downs - Fellow – Environment Institute of Australia and New Zealand (EIANZ)
Sandra Stewart	<ul style="list-style-type: none"> - Self-employed journalist - Landowner, 4Ha Springbank – sheep & dogs - WDC Councillor

AGENDA ITEM NO: 3	SUBJECT: Kaiapoi Lakes – update	
REPORT TO: Waimakariri Water Zone Committee		MEETING DATE: 6 July 2020
REPORT BY: Murray Griffin – CWMS Facilitator, Waimakariri		

PROPOSAL

This briefing provides the Waimakariri Water Zone Committee with an update on the follow up work by WDC and Environment Canterbury staff on the Kaiapoi lakes, as discussed at its 2 March meeting. Specifically, on nutrient management at the Kaiapoi Lakes.

RECOMMENDATION

That the Zone Committee:

Receives this update for its information.

BY WHO

This update is provided by:

- Sophie Allen – WDC, Water Environment Advisor, 3 Waters Team
- Adrian Meredith – ECan, Principal Surface Water Scientist

BACKGROUND

Cyanobacterial blooms have occurred most recently in two WDC-owned Kaiapoi Lakes over the previous summers of 2018-19 and 2019-20. These lakes are located on the east and western side of Williams St (see Map 1). Cyanobacteria blooms such as these have been intermittently noted in these lakes over the past two decades but not in successive years or to the intensity seen these past two summers. Such cyanobacteria blooms have also been recorded in the Kaiapoi Lakes subdivision lakes annually for successive years in the previous decade, but those blooms have not occurred again for several years since a community initiative to install a lake aeration system in the subdivision lakes.

Observation of the visible blooms in the WDC lakes have led to the erection of signage by Waimakariri District Council at the public lakes. The lakes are not routinely monitored by Environment Canterbury for recreational water quality, however Environment Canterbury has provided support to WDC with advice and testing to confirm that the blooms are a *Dolicospermum* species (formally known as *Anabaena*), and for advice on potential monitoring and management response options.

Monitoring of oxygen and temperature levels at the centre of these two lakes is proposed to be carried out by WDC for the Summer–Autumn 2020-21, in order to assess whether aeration, as at the subdivision lakes, would be a suitable management option for prevention or mitigation of future algal blooms.



Map 1: The two WDC-owned lakes that are intended to have monitoring over the Summer-Autumn 2020-21. Indicative monitoring locations shown with red circles.

AGENDA ITEM NO: 4	SUBJECT: Ashley Rakahuri Coastal Streams – update	
REPORT TO: Waimakariri Water Zone Committee		MEETING DATE: 6 July 2020
REPORT BY: Murray Griffin – CWMS Facilitator, Waimakariri		

PROPOSAL

This briefing provides the Waimakariri Water Zone Committee with an update on the follow up work by WDC and Environment Canterbury staff on the following motion of the committee at its 2 March meeting:

THAT the CWMS Waimakariri Zone Committee:

Requests Environmental Canterbury and the Waimakariri District Council to gather and summarise information and to provide advice and consultation on the implementation of the CWMS Waimakariri Zone Committee’s catchment management work in the Taranaki Stream.’

RECOMMENDATION

That the Zone Committee:

Receives this update for its information and supporting the committee’s sub-catchment engagement and action planning in the coastal Rakahuri.

BY WHO

This update is provided by:

- Murray Griffin – Environment Canterbury, CWMS Facilitator Waimakariri
- Sophie Allen – WDC, Water Environment Advisor, 3 Waters Team

BACKGROUND

1. Information Review – April to June 2020

Over the lockdown period ECan and WDC staff have been able advance a review of information on the streams in the coastal Rakahuri sub-catchment. This includes:

- Review of previous reports and memos
- Waimakariri ZIPA recommendations and feedback from the community engagement supporting the development of the ZIPA
- Other information resources, such as maps

- An ECan SharePoint library created to archive and consolidate this information as a shared resource.

2. Information Summary

A Summary Pack of information, based on the above, will be provided for the committee in advance of this meeting. This information summary will provide a focus for this update.

Highlights to focus on and discuss will include:

- Relevant Waimakariri ZIPA recommendations
- Key map references
- Significant reports and work undertaken on the streams in the coastal Rakahuri sub-catchment
- Identified gaps
- A proposed approach to collating this information to support further engagement and action plans in this coastal Rakahuri sub-catchment. The proposed approach is based on a quadruple bottom line (QBL) method of organising the information, that is: Cultural, Social, Economic, and Environment. It is hoped a QBL overlay will support the identification of issues and opportunities within the sub-catchment.

AGENDA ITEM NO: 5	SUBJECT: Committee Updates
REPORT TO: Waimakariri Water Zone Committee	MEETING DATE: 6 July 2020
REPORT BY: Murray Griffin, CWMS Facilitator – Waimakariri, ECan	

PROPOSAL

This agenda item provides information on topics of relevance to this committee, and updates on items from previous committee meetings.

RECOMMENDATION

That the Zone Committee:

Receives these updates for its information, and with reference to the committee's 2020 work programme and community engagement priorities.

COMMITTEE UPDATES

The following items are tabled for the committee:

1. Proposed Plan Change 7 (Waimakariri)

Proposed Plan Change 7 (of the Canterbury Land and Water Regional Plan) has been developed to respond to emerging resource management issues, to give effect to relevant national direction, to implement recommendations from the Hinds Drains' Working Party, and to implement recommendations in the Waimakariri and Orari-Temuka-Opihi-Pareora (OTOP) Zone Implementation Programme Addenda (ZIPA).

The Independent Hearing Panel has indicated it is hopeful a hearing will begin in late September / Early October but have not yet announced a timetable for the hearing.

Evidence exchange timetables have been set with statements of evidence in chief required to be submitted by 17 July to enable any expert caucusing needed to occur through the month of August.

For more information, go to:

<https://ecan.govt.nz/your-region/plans-strategies-and-bylaws/canterbury-land-and-water-regional-plan/change-7/>

2. Waimakariri Water Zone Committee – Communications

- Media release from the Zone Committee's Immediate Steps decisions at its 8 June meeting:

<https://ecan.govt.nz/get-involved/news-and-events/zone-news/waimakariri/funding-approved-to-protect-waimakariri-wetlands/>

- Recently Marco Cataloni (ECan Zone Lead - Waimakariri) responded to a question from Stuff in relation to biodegradable coconut matting in Ravenswood (near Pegasus):
 - It is up to the landowner or developer to determine how they manage their impact on the environment while still meeting consenting requirements.
 - Environment Canterbury works with subdivision developers and others in the industry to provide information on best practice for sediment and erosion control, but we do not promote or endorse any one product for mitigating sediment and erosion.
 - Environment Canterbury does have a compliance role to play if it is found that the RMA or a consent has been breached. We do not know what the makeup of the matting is in this case, but we will be visiting the site early next week to assess it.
- Signage for the denitrification wall at Silverstream Reserve is being developed with ESR (Institute of Environmental Science and Research).
- The 2020 Consent to Farm campaign is designed to target the ~ 15% of farms in Canterbury that are required to get a land use consent to farm, but do not yet have one. An overview of this campaign is provided as **agenda item 5-1**.

3. Increasing nitrate-nitrogen trends in Christchurch wells

During the Waimakariri Water Zone Committee meeting on 8 June 2020 Clr Stewart posed the following question: Is the increasing trend in nitrate-nitrogen concentrations showing in wells just south of the Waimakariri River connected to nitrates originating from groundwater north of the river? Please refer to the memo provided by Environment Canterbury Groundwater Science as **agenda item 5-2** for a response to this question.

4. Immediate Steps Biodiversity Funding Approach

During the Waimakariri Water Zone Committee meeting on 8 June 2020 it was requested that Environment Canterbury report back on the approach to Immediate Steps Biodiversity funding at the next Waimakariri workshop and meeting. The committee is, in the first instance, referred to the presentation provided by Zipporah Ploeg (ECan Biodiversity Officer) to this committee on 14 October 2019, which provides both an overview of the approach to this funding, and detail on this committee's funding of biodiversity projects in the Waimakariri Water Zone since 2011. A copy of this presentation is provided with the committee's workshop papers.

5. CWMS Regional Committee

The last CWMS Regional Committee meeting was held on Tuesday 11 February 2020 and it has not met since. The CWMS Regional Committee is aiming to reconvene in July.

The link to the CWMS Regional Committee meeting papers is provided below:

<https://ecan.govt.nz/data/document-library/?Search=regional+water+management+committee%2C+agenda&documentTypes=-1&pageSize=12&start=1&sortDir=desc>

6. CWMS Zone Committee Review – June update and survey analysis report

A copy of the June update on the CWMS Zone Committee review, including analysis of survey completed by zone committee members from across the Region is provided in the committee's workshop papers.

7. Letter from Mr Craig McIntosh

The zone committee has received a letter, via the Chair, from Mr. Craig McIntosh. His letter seeks explanation regarding the Waimakariri ZIP Addendum (2018) and specifically:

- What are the significant issues that would be worse by lowering the minimum flows in the Cam River?
- What impact will an allocation for mahinga kai enhancement have on the minimum flow in the Cam River?

A response to these questions is being prepared for the committee and Mr. McIntosh with guidance from the Environment Canterbury Science and Planning Teams.

Consent to Farm campaign 2020

Notes for information

The 2020 Consent to Farm campaign is designed to target the ~ 15% of farms in Canterbury that are required to get a land use consent to farm, but do not yet have one. Most farms are covered through either an irrigation scheme, land use consent, or are authorised as a permitted activity.

For those that don't, however, it is not possible to identify with absolute certainty those that need a land use consent. The first stage of the 2020 campaign involves advertising, in an attempt to get those farmers to self-identify and begin the consent process themselves.

Advertising will be a mix of print, radio and digital, with a call to action to visit the Farmers' Hub on the ECan website, check whether you need a land use consent to farm, and get help and advice from industry professionals.

Due to the complexity of rules regarding whether a land use consent is needed, and the fact it varies depending on zone and sub-region, the message is quite non-specific, asking farmers to check for themselves. The campaign will ensure the customer journey once on the Farmers' Hub is actualised so they can find the information they need and get to the endpoint of knowing whether they need to get land use consent, and who to contact for help in getting it.

The second stage of the campaign will involve sending around 500 letters to farmers whom we have identified as probably needing land use consent to farm, but have not yet applied. This letter will go out around the time the advertising campaign starts to wind down in early August.

Most of the remaining farms are in the Waimakariri, OTOP and Ashburton zones. Therefore print and digital advertising will principally target media in these regions.

Advertising will take place over an approximate six-week period, with an estimated timeframe of end of June 29 to early August.

Memo

Date	23/06/2020
To	Murray Griffin
CC	Tim Davie
From	Amber Kreleger

Increasing nitrate-nitrogen trends in Christchurch wells

Question from Cllr Stewart (WDC)

During the Waimakariri Water Zone Committee meeting on 8 June 2020 Cllr Stewart posed the following question: Is the increasing trend in nitrate-nitrogen concentrations showing in wells just south of the Waimakariri River connected to nitrates originating from groundwater north of the river?

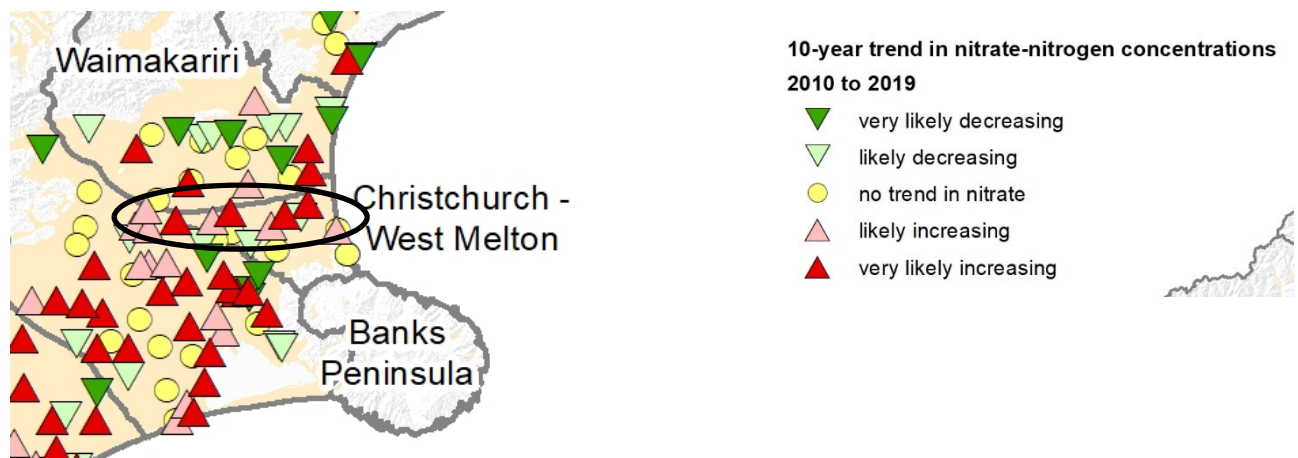


Figure 1 Cut out of Figure 6: Ten-year trends (2010 to 2019) in nitrate-nitrogen concentrations in annual survey wells (Van Ness, 2020)

Answer

The nitrate-nitrogen trends in our Annual Groundwater Quality Survey 2019 report (Van Ness, 2020) have been established with the methodology used for the new groundwater quality module on the LAWA – Land, Air, Water Aotearoa – website. With enough data, this trend evaluation method can detect even a very subtle trend. This means that the trend can be classified as *very likely* even if there is only a small change in water quality over time.

The details of the four wells with a *very likely increasing* nitrate-nitrogen trend for the period 2010-2019 are displayed in Table 1. The measured nitrate-nitrogen concentrations during this period are presented in the graph in Figure 2.

Even though the trend evaluation method establishes a *very likely increasing* trend for these four wells, the concentrations are still low (1.2 mg N/L or less) and the increase per year is very small (0.033 mg N/L or less).

The four wells are relatively shallow and from assessments in preparation for PC7 we know that shallow wells in the Christchurch area are mostly affected by either local land surface recharge or recharge from the Waimakariri River, not by deep groundwater from under the Waimakariri.

We have limited long-term data for statistical trend analysis of deeper wells in Christchurch. There are five wells more than 80 m deep. Two wells show no trend and two wells don't have enough data to establish a trend. Only one well in New Brighton, 95 m deep, shows a *likely increasing* trend (this would have been a "no trend" under our 2018 Annual Survey trend evaluation method). The median nitrate-nitrogen concentration is 0.2 mg N/L and the increase per year is 0.013 mg N/L.

For deep wells in Christchurch the water quality is affected by land surface recharge. It is unclear if this is from local land use or land use in the Ashley-Waimakariri Plains. Currently we have no way of categorically stating that came from north of the Waimakariri, although modelling for PC7 shows it might be a possibility.

Table 1 Overview of wells in our Annual Survey 2019 that show a Very Likely Increasing trend in nitrate-nitrogen concentrations within CWMS zone Christchurch – West Melton

Site Name	Location	Elevation	Depth	Sample Depth	Nitrate-Nitrogen	
	(from west to east)	m amsl	m bgl	m Below Water Table	Median (mg/L)	Increase per year (mg/L)
M35/0925	Old West Coast Road, West Melton	132.62	53.8	10 - 40 m	0.64	0.028
M35/6946	McLeans Island	72.33	17.5	10 - 40 m	0.12	0.004
M35/6656	569 Johns Road, Harewood	20.1	35.4	10 - 40 m	0.305	0.004
M35/3755	Factory Road, Belfast	7.4	25.6	10 - 40 m	1	0.033

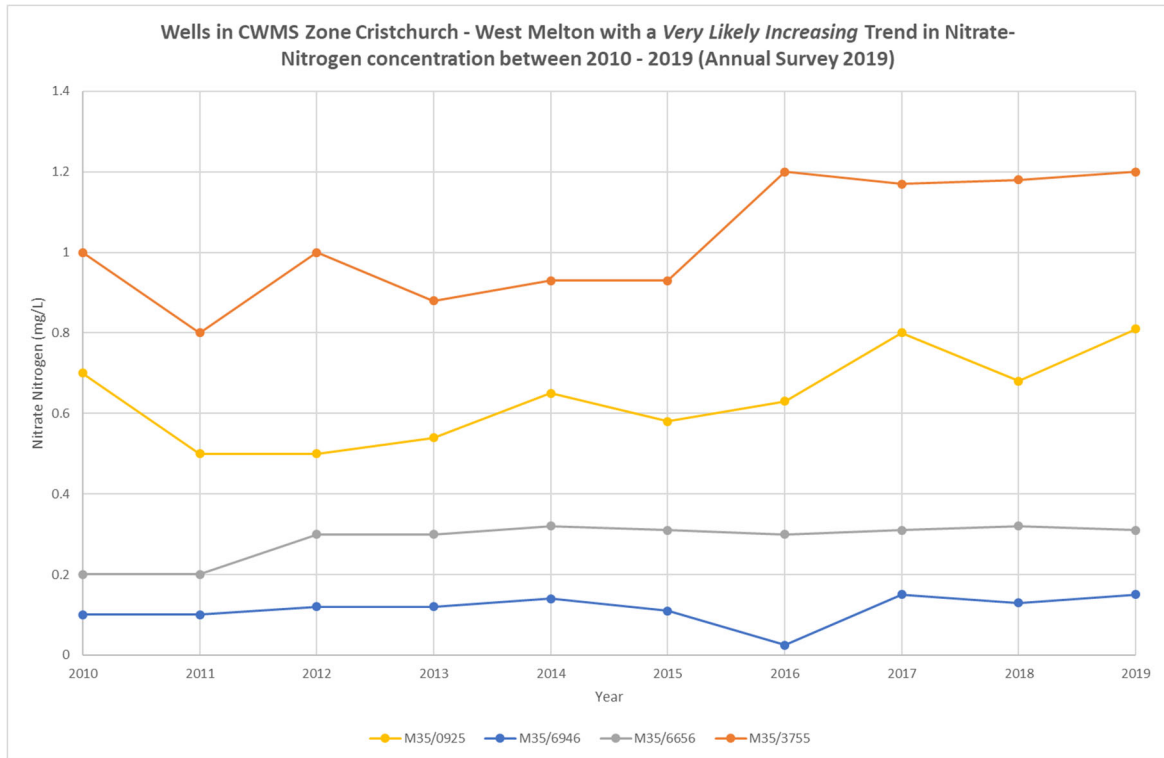


Figure 2

Literature

Van Ness, K., Annual Groundwater Quality Survey 2019. Environment Canterbury Report. March 2019. <https://ecan.govt.nz/document/download?uri=3823171>

MINUTES OF THE MEETING OF THE CANTERBURY WATER MANAGEMENT STRATEGY WAIMAKARIRI ZONE COMMITTEE HELD VIA ZOOM ON MONDAY 8 JUNE 2020 AT 2PM.

PRESENT

Michael Blackwell (Chairperson), Cameron Henderson (Deputy Chairperson), Dave Ashby, Erin Harvie, Carlyne Latham, Judith Roper-Lindsay, Wendy Main, Arapata Reuben (Te Ngāi Tūāhuriri Rūnanga representative), John Cooke (Te Ngāi Tūāhuriri Rūnanga representative), and Sandra Stewart (Councillor Waimakariri District Council)

IN ATTENDANCE

J Benn (Department of Conservation)

G Cleary (WDC Manager Utilities and Roading), K Simpson (WDC 3 Waters Manager), S Allen (WDC Water Environment Advisor), G Bennett (WDC Stormwater Engineer), K Steel (WDC Ecologist-Biodiversity), A Arps (ECan), A Meredith (ECan), M Cataloni (ECan), A McLeod (ECan), Z Ploeg (ECan), T Davie (ECan), M Griffin (CWMS Facilitator, ECan) and T Kunkel (WDC Governance Team Leader).

1 BUSINESS

1.1 Karakia

A Reuben provided the karakia to open the meeting.

1.2 Apologies

An apology was received and sustained from Councillor Megan Hand for absence.

CARRIED

1.3 Welcome and Introductions

The Chairperson welcomed all the members present. He requested the CWMS Waimakariri Zone Committee members and officials to introduce themselves to the members of the public that may be listening.

1.4 Register of Interests

No changes or updates were made.

2. IMMEDIATE STEPS BIODIVERSITY UPDATE – Z PLOEG (BIODIVERSITY OFFICER – ENVIRONMENT CANTERBURY)

Z Ploeg confirmed that she had been in contact with the four Immediate Steps Projects applicants and that they were eager to proceed with the applications.

Councillor S Stewart requested Chair M Blackwell that the four applications presented for funding be reviewed separately as she had some concerns with the Burgess Stream project which she wished to raise. M Blackwell confirmed the committee were happy to do this, and if there were any concerns with the other projects presented. With no concerns over the other three projects M Blackwell asked S Stewart to clarify her concerns with the Burgess Stream Project.

Councillor S Stewart stated that although the Burgess Stream Project was a worthy project, she did not believe that it complied with the criteria for Immediate Steps

funding and should rather be included in a Farm Environment Plan. The rehabilitation and riparian planting in this catchment area should then be undertaken by the owner as per the said Farm Environment Plan. She also expressed a concern that \$10,000 would be spend on the restoration of only 0.1ha, as this seemed costly especially in light of the project's low ecological assessment score. She, therefore, did not support the Burgess Stream Project.

J Roper-Lindsay expressed her support for the Burgess Stream Project as she believed that despite the project's low ecological assessment score there was ecological value in the waterway itself and the project would regenerate native plants and species in the waterway and should, therefore, be supported. She stated that the project would be of benefit to the broader community as it could be used as a model for similar projects in the future.

A Reuben stated that ECan previously indicated that Immediate Steps Funding would not be used for restoration projects and this project, therefore, did not seem to fit the set criteria. He agreed however, that Burgess Stream Project was a worthy project but called for consistency in the implementation of the Immediate Steps Funding criteria. He sought assurance that similar restoration projects would be considered in future.

Councillor S Stewart enquired how ECan would be dealing with applications that did strictly adhere to the Immediate Steps Projects Funding criteria, especially if the Burgess Stream Project served as a model for future projects in the area. M Blackwell requested that ECan report back on this approach to Immediate Steps funding at the next CWMS Waimakariri Zone Committee workshop/meeting.

Moved: E Harvie

Seconded: J Cooke

THAT the CWMS Waimakariri Zone Committee:

- (a) **Support** the Immediate Steps Project applications Burgess Stream Project to the amount of \$10,000.

CARRIED

(Against: Councillor S Stewart)

A Reuben noted that he only supported the Burgess Stream Project with the understanding that similar restoration projects, such as may be submitted by the Rūnanga, would be considered in future.

- (b) **Support** the Immediate Steps Project applications Hammonds Wetland Project to the amount of \$10,000.
- (c) **Support** the Immediate Steps Project applications Springvale Wetland Project to the amount of \$14,000.
- (d) **Support** the Immediate Steps Project applications Auld Wetland Project to the amount of \$26,000.

CARRIED

3 LAND AND WATER COMMITTEE UPDATE – M GRIFFIN (CWMS FACILITATOR, WAIMAKARIRI)

3.1 WDC Stockwater Race Closure – Siena Place

K Simpson explained that the proposal was to close stockwater race R3K-2A, located in the vicinity of Siena Place in Mandeville as the stockwater race was no longer required. Its closure was also not expected to have any impact on drainage capacity during a flood event as R3K-2A was only approximately 1.6km long. This was also an area of groundwater resurgence under certain seasonal conditions.

K Simpson further advised that the final report on the closure of stockwater race R3K-2A would be submitted to the Council later in the year and the CWMS Waimakariri Zone Committee was, therefore, requested to submit any comments that it may have to Libica Hurley before 30 June 2020.

J Roper-Lindsay enquired if there was any ecological value in stockwater race R3K-2A, why the applicant wished to close the stockwater race, and were there objections to the possible closure.

In response, K Simpson explained the two-phase approach to closing a stockwater race, and advised that the applicant wanted to close stockwater race R3K-2A because it was no longer required. With regard to the conditional objections received, the concerns were that the closure may have a negative impact on drainage. S Allen advised that the ecological value of stockwater race R3K-2A had not yet been surveyed.

M Blackwell advised that he inspected stockwater race R3K-2A earlier in the day and there was currently no flow.

C Latham expressed a concern that although the closure of stockwater race R3K-2A may seem insignificant due to it only being 1.6km long, the Council should guard against losing the whole stockwater system by closing it bit by bit. She inquired if property owners were being made aware that the irrigation and stockwater race system had a significant impact on the nitrate levels in the area.

K Simpson advised that the Council was aware of the significant impact that changes in the stockwater system may have and had, therefore, been tracking all the changes to the stockwater system over the last \pm 20-years. He suggested that a report highlighting on these changes be submitted to the CWMS Waimakariri Zone Committee on an annual basis. K Simpson also confirmed that the Council was involved in the broader education on the value of stockwater system.

3.2 Fish Habitat Fund call for projects 2020

M Griffin advised that ECan had initiated a Fish Habitat Fund to deal with specific issues which threaten native fish populations and provide financial support to remediate these issues. Submissions for 2020 projects would close on Friday 3 July 2020. M Griffin recommended that members contact Chloe Armour for copies of the application form and further information.

In response to questions, S Allen confirmed that the Council were in the process of considering various projects to submit to the Fish Habitat Fund for possible funding. Z Ploeg also confirmed that she would bring any possible projects to Chloe Armour's attention.

J Roper-Lindsay enquired if it would be possible to apply to the Fish Habitat Fund for funding to survey the Pegasus Wetlands for Mud Fish. S Allen advised that the Fish Habitat Fund applications were limited to capital projects.

A Reuben confirmed that there might be a few projects that the Rūnanga may wish to submit to the Fish Habitat Fund. He stated the proposed projects would be discussed with the Council at the upcoming Mahi Tahi Committee meeting.

3.3 Proposed Plan Change 7 (Waimakariri)

M Griffin reported that the dates for the hearings on the proposed Plan Change 7 of the Canterbury Land and Water Regional Plan had not yet been set. A summary of Decisions Requested, including further submissions, was available on the ECan website, and the Section 42A Report was also available.

C Henderson enquired if the proposed new National Policy Statement for Freshwater Management would have an influence on the hearing dates for proposed Plan Change

7. T Davie stated that the hearing dates would not be delayed due to the National Policy Statement, but he stressed that any proposed changes to the Canterbury Land and Water Regional Plan would have to align with the National Policy Statement for Freshwater Management.

3.4 Waimakariri Water Zone Committee – Communications

- 2019 Annual Report

M Griffin advised that M Blackwell and C Henderson presented the CWMS Waimakariri Zone Committee's 2019 Annual Report to both the Waimakariri District Council and the Environment Canterbury in May 2020. These 2019 Annual Report presentations were well received by both Councils.

- Action for Healthy Waterways

M Griffin reported that the Ministry for the Environment released information on the Action for Healthy Waterways on 28 May 2020. More information on Action for Healthy Waterways were available at <https://www.mfe.govt.nz/action-for-healthy-waterways>.

3.5 Environment Canterbury Groundwater Science

M Griffin advised that two ECan Groundwater Reports have been published recently, and the new Land, Air, Water, Aotearoa (LAWA) groundwater quality topic had been launched.

Councillor S Stewart asked if the increasing trend in nitrate-nitrogen concentrations showing in wells just south of the Waimakariri River connected to nitrates originating from groundwater north of the river? It was agreed that members would submit any questions, alongside the above from Councillor Stewart, regarding the ECan Groundwater reports to M Griffin who would ensure that they were responded to at the next CWMS Waimakariri Zone Committee meeting.

3.6 CWMS Regional Committee

The last CWMS Regional Committee meeting was held on Tuesday 11 February 2020 and it has not met since. It was anticipated that the CWMS Regional Committee would reconvene in July 2020.

Moved: J Roper-Lindsay

Seconded: D Ashby

THAT the CWMS Waimakariri Zone Committee:

- (a) **Receives** these updates for its information, and with reference to the Committee's 2020 Work Programme and Community Engagement priorities.

CARRIED

7. CONFIRMATION OF MINUTES

7.1 Minutes of the Canterbury Water Management Strategy Waimakariri Zone Committee meeting – 2 March 2020

Moved: J Roper-Lindsay

Seconded: W Main

THAT the CWMS Waimakariri Zone Committee:

- (a) **Confirms** the amended Minutes of the Canterbury Water Management Strategy Waimakariri Zone Committee meeting, held on 2 March 2020, as a true and accurate record.

CARRIED

7.2 Matters Arising

With regard to M Bate's concern about chemicals being used at the Kaiapoi Lakes, Councillor S Stewart advised that both the Council and ECan had confirmed they had not used any chemicals to remove or reduce aquatic weed in the Kaiapoi Lakes.

8. GENERAL BUSINESS

8.1 CWMS Zone Committee Review – June 2020 Update

M Griffin advised that over the last few months, ECan staff had developed a series of suggestions for improvements and changes to the role and function of Zone Committees. These had been discussed with ECan Councillors, and an update on this review had been prepared for CWMS Zone Committee representatives. M Griffin confirmed this update had been circulated to the CWMS Waimakariri Zone Committee in advance of this meeting.

8.2 Drop-in sessions for Waimakariri farmers

M Griffin reported that regular drop-in sessions have been scheduled for local farmers and that the information was included in the CWMS Waimakariri Zone Committee agenda for information.

8.3 Land and Water Committee

Councillor S Stewart advised that the disestablished Kaiapoi River Rehabilitation Working Party and Cam River Enhancement Fund Subcommittee would now fall under the terms of reference of the Land and Water Committee. She invited CWMS Waimakariri Zone Committee members to attend Land and Water Committee meetings.

8.4 Farm Environment Plans

J Roper-Lindsay stated that a colony of rare long-tailed bats was found on a farm in south Canterbury. She sought reassurance that the Farm Advisors who assisted with the drafting of the Farm Environment Plans were trained to identify similar non-significant biodiversity values. She requested that a briefing/workshop be done for the CWMS Waimakariri Zone Committee on this matter.

NEXT MEETING

The next meeting of the CWMS Waimakariri Water Zone Committee was scheduled for the 6 July 2020 at 3:30pm.

Chairperson

Date

DRAFT