

Canterbury Water Management Strategy

Waimakariri Zone Committee

Agenda

Monday 8 April 2019

3.00pm

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

Members:

David Ashby (Chair)
Grant Edge (Deputy Chair)
Carolyn Latham
Judith Roper-Lindsay
Gary Walton
Cameron Henderson
Michael Blackwell
Arapata Reuben (Te Ngai Tūāhuriri Rūnanga)
John Cooke (Te Ngai Tūāhuriri Rūnanga)
Sandra Stewart (WDC Councillor)
Claire McKay (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 DISTRICT COUNCIL CHAMBERS, 215 HIGH STREET, RANGIORA** on **MONDAY 8 APRIL 2019** commencing at **3.00PM.**

Adrienne Smith
Governance Coordinator

**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 REGISTER OF INTERESTS

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Conflicts of interest (if any) to be reported for minuting.

1.4 CONFIRMATION OF MINUTES

Minutes of the Canterbury Water Management Strategy Waimakariri Zone Committee meeting – 11 March 2019

7 - 17

RECOMMENDATION

THAT the CWMS Waimakariri Zone Committee:

- (a) **Confirms** the minutes of the Canterbury Water Management Strategy Waimakariri Zone Committee meeting, held on 11 March 2019, as a true and accurate record.

MATTERS ARISING

2. OPPORTUNITY FOR THE PUBLIC TO SPEAK

3. COMMITTEE UPDATES – MURRAY GRIFFIN, (CWMS FACILITATOR, ECAN)

- | | | |
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| | | 18 - 20 |
| 3.1 | Land and Water Regional Plan Update – Jason Holland (ECAN) PowerPoint presentation provided at the 11 March committee meeting. | |
| 3.2 | Waimakariri ZIPA 2018 – a correction | 21 - 30 |
| 3.3 | Omnibus Plan Change 2019 – Andrea Richardson (ECAN Senior Planner) | |
| 3.4 | Omnibus Plan Change 2019 – attachment – Andrew Richardson (ECAN Senior Planner) | 31 - 34 |
| 3.5 | Immediate Steps Biodiversity Funding Overview – Murray Griffin (CWMS Facilitator – Waimakariri) | 35 - 36 |
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| 3.6 | Media and Communications – 1 – 31 March Update – Gina McKenzie (Director – Real Communications) | 40 - 41 |
| 3.7 | Waimakariri Water Zone Committee 29 March eNewsletter | 42 - 45 |

RECOMMENDATION

THAT the CWMS Waimakariri Zone Committee:

- (a) The Zone Committee are asked to receive these updates for its information and regarding the committee's work programme and community engagement priorities for 2019.
- (b) That the proposed Cust River B block minimum flow presented in the Waimakariri ZIPA 2018 at 310L/s should be 350L/s. This correction still aligns with the committee's intention in setting minimums flows for the Cust River and it is requested letters informing those water users associated with the Cust River B block of this correction be sent from the Zone Committee Chair.

4. PINES BEACH WETLAND AND TUHAITARA COASTAL PARK – UPDATE – GREG BYRNES (GENERAL MANAGER, TE KOHAKA O TUHAITARA TRUST)

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RECOMMENDATION

THAT the CWMS Waimakariri Zone Committee:

- (a) Receive this briefing for its information, and
- (b) Consider its ZIPA recommendations and 2019 work programme priorities.

5. **WDC IMPLEMENTATION OF ZIPA – PROPOSED WDC ‘LAND AND WATER’ STEERING GROUP – SOPHIE ALLEN (WATER ENVIRONMENT ADVISOR, WDC)**

48 - 49

RECOMMENDATION

THAT the CWMS Waimakariri Zone Committee:

- (a) **Receive** this draft proposal from WDC staff for creation of a ‘Land and Water’ steering group to oversee the implementation of the WDC components of the Zone Implementation Programme Addendum (ZIPA).
- (b) **Provide** feedback on the proposed creation of a ‘Land and Water’ steering group, including representation of a member of the Waimakariri Water Zone Committee on the steering group.

6. **GENERAL BUSINESS**

KARAKIA

NEXT MEETING

The next meeting of the CWMS Waimakariri Water Zone Committee will be held on Monday 13 May 2019 commencing at 3.00pm.

7 **WORKSHOP – WWZC 2019 WORK PROGRAMME PRIORITIES REVIEW**

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WAIMAKARIRI WATER ZONE COMMITTEE

Register of Interests – at 1 April 2018

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 Backwell	<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"> - To be confirmed -
Grant Edge	<ul style="list-style-type: none"> - Director: Edge Landscape Projects Ltd, Edge Plants Ltd, and Edge Products Ltd - Member: NZ Institute of Landscape Architects - Member: Urban Design Forum - Member: QEII National Trust - Member: NZ Forest & Bird - Member: Heritage NZ - 1ha property Fernside (shallow bore user)
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 of Latham Ag Ltd Consulting - Shareholder: Silver Fern Farms, Farmlands - Registered Member: New Zealand Institute of Primary Industry Management
Claire McKay	<ul style="list-style-type: none"> - Dairy Farmer - Irrigator and shareholder: Waimakariri Irrigation Ltd - Holder of Groundwater take and use consents in Cust groundwater allocation zone - Holder of Effluent discharge consents - Member: Federated Farmers - Member: DairyNZ Dairy Environmental Leaders forum
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 and Chair – 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. - Land-owner/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 - Land-owner, 4ha Springbank – sheep & dogs
Gary Walton	<ul style="list-style-type: none"> - Director, Walton Farm Consulting Ltd - Chairman & Shareholder, Loburn Irrigation Co - Trustee, Rugby World Heritage Trust - Life Member, Ashley Rugby Football Club (Inc.) - Farmer, sheep & cattle, Loburn - Registered member NZIPTM New Zealand Institute of Primary Industry Management

MINUTES FOR THE MEETING OF THE CANTERBURY WATER MANAGEMENT STRATEGY WAIMAKARIRI ZONE COMMITTEE HELD IN THE WAIMAKARIRI DISTRICT COUNCIL CHAMBERS, 215 HIGH STREET, RANGIORA ON MONDAY 11 MARCH 2018 AT 3.00PM.

PRESENT

Dave Ashby (Chairperson), Grant Edge (Deputy Chairperson), Carolyn Latham, Gary Walton, Michael Blackwell, Judith Roper-Lindsay, and Sandra Stewart (Councillor, Waimakariri District Council), Arapata Reuben (Rūnanga representative), John Cooke (newly appointed Rūnanga represented to the committee)

IN ATTENDANCE

Stefanie Rixecker (Director of Science, ECan), Andrew Arps (Northern Zone Delivery Manager, ECan), B Stokes (Farmer), Sophie Allen (Water Environment Advisor, WDC), John Benn (Department of Conservation), Druclla Kingi-Patterson, Gina McKenzie (Real Communications), Brent Walton (Waimakariri Irrigation Ltd), Stephen Bragg (Tangata Whenua Facilitator, ECan), Jason Holland (Planning Team Leader, ECan), Adrian Meredith (Principal Surface Water Scientist, ECan), Kalley Simpson (3 Waters Manager, WDC), Daniel Kimber (Department of Conservation, Rangiora), James Ensor (Oxford-Ohoka Community Board and resident), Michael Bate, (Kaiapoi resident), Murray Griffin (CWMS Facilitator, ECan) and Adrienne Smith (Governance Coordinator, WDC).

KARAKIA

Arapata Reuben provided the karakia to open the meeting.

As the recently appointed Runanga representative on the Zone Committee, John Cooke was welcomed by the Chairperson. By way of introduction, John Cooke advised he had lived in Kaiapoi all his life and has been actively involved in the community and community organisations and is proud to represent his iwi on the Zone Committee.

APOLOGIES

Moved A Reuben seconded J Roper-Lindsay

THAT apologies for absence from Cameron Henderson and ECan Councillor Claire McKay (Environment Canterbury Councillor) be accepted.

CARRIED

REGISTER OF INTERESTS

There were no changes noted to the Register of Interests, as was included in the Agenda. J Cooke will liaise with M Griffin to include any items relevant for inclusion in the Register for the April meeting.

1 CONFIRMATION OF MINUTES

1.1 Minutes of the Canterbury Water Management Strategy Waimakariri Zone Committee meeting of 11 February 2019

Moved M Blackwell seconded C Latham

THAT the CWMS Waimakariri Zone Committee:

- (a) **Confirms** the minutes of the Canterbury Water Management Strategy Waimakariri Zone Committee meeting, held on 11 February 2019, as a true and accurate record, with the following three amendments:

Item 2 Brent Walton WIL (end of first paragraph)

This property had previously gone from a "D" rating to a "C", but if this farm was audited again, it would have reverted back to a "D" rating. All these properties have until September this year to reach a "B" grade.

Item 2 Michael Bate (end of second paragraph)

S Allen (WDC Water Environment Advisor) advised that water testing for recreational swimming is undertaken by ECan in the Kaiapoi River, downstream from the Williams Street bridge.

(End of third paragraph to read)

M Bate believes this is a result of the application of chemicals into the stream.

Item 3, comment to include from G Edge:

*G Edge expressed concern about the statement in the report that suggested that **it may be unnecessary to introduce new water take rules**... when in fact that was a major discussion point of the extensive public consultation process. It set off alarm bells for him and he would be keeping an eye on that issue in the draft plan change process.*

CARRIED

MATTERS ARISING

Following a question on comments from Meredith Macdonald at the 11 February meeting on the Waimakariri Land and Water Solutions Programme, Jason Holland (ECan) provided an explanation on this matter. The Zone Committees ZIPA recommendations clearly set out a range of quantities for both surface water and ground water and the Waimakariri sub-region plan change, there will be clear direction on the application of partial restrictions above minimum flows and allocation limits for both ground and surface water. J Holland explained that staff are still working through the possibility that the rules of the Land and Water Regional Plan (LWRP) could be applicable for the Waimakariri sub-region plan change and, therefore, would be linked as such.

Councillor Stewart referred to the "Matters Referred" from the February 11 meeting minutes and noted the items that were to be provided have not been included in this agenda – Immediate Steps Programme. There had been a request for a report on the current rules for the inclusion of biodiversity on Farm Environmental Plans. It was noted that a further update to the Fit for Future Programme was to have been provided at this meeting. S Stewart raised her concerns about the lack of written reports included in the agenda so that committee members and members of the public have a reference point for what is happening in this zone. S Stewart said she has difficulty with the failure to have basic budgets and timelines reported in a written format and again reiterated her dissatisfaction with this and to her mind it needs

urgent and immediate remediation. Chair D Ashby responded that A Arps, supported by S Rixecker (ECan Director of Science), would be responding to this at this meeting. M Griffin acknowledged Cr Stewart's comment that there is not a set item on the agenda on biodiversity, but that there will be a presentation provided by J Holland at this meeting, as part of Committee Updates, on biodiversity protection in the LWRP. He also noted Jason Butt provided a stock take of Immediate Steps biodiversity funding in December 2018, as he finished as the Biodiversity Officer for this zone. C Latham noted that Fit for Future is in the Regional Committee notes.

J Roper-Lindsay noted that a report had also been requested on algal blooms at the February meeting, but there had not been any commitment to time, or any discussion, about when this would be provided. M Griffin said he was following up on the original work this committee has received on this topic, referencing a briefing to the committee in July 2016 by Tara McAlister. Further information will be provided at the April meeting.

The Chair sought the approval of the committee to now consider Item 3.4, Committee Updates – Zone Delivery. This was agreed. The minutes have, however, been recorded in the order they appear in the Agenda.

2 **OPPORTUNITY FOR THE PUBLIC TO SPEAK**

Brent Walton – WIL

B Walton advised that the WIL Board have met recently and the Burgess Stream project has been presented to them. This has been supported by the Board but some further information has been requested. This is a long term project.

From an operations point of view the river levels have been up and down, so restrictions have been on and off. This has been challenging for farmers as it is quite dry.

Regarding Farm environment Plans (FEP) Audits, WIL are focusing on the "C" audits as a priority at the moment. These farmers are getting support from both WIL staff and Board members and B Walton is confident they are heading in the right direction.

Michael Bate

M Bate showed some photos taken recently of Lineside creek, which he described as virtually dead as it flows into the Kaiapoi River. He had contacted the ECan Pollution Hotline about his concerns. Also shown were photos of the Waimakariri River and signage warning of the recent application of herbicide.

M Bate expressed concerns with the resting of sediments in streams is not being done because of the cost involved but noted that spraying of insecticides is still being undertaken.

M Blackwell asked if Immediate Steps funding could be applied to do a working example on Lineside creek to clarify these issues. D Ashby noted that in order to do a programme, the issue has to be identified, then find out what the cause is and engage with the landowners. This could involve A Arps and A Meredith. A Meredith confirmed some scoping would be brought back to the next committee meeting on this work.

Drucilla Kingi-Pattison

D Kingi-Pattison spoke on what businesses she has been in previously, construction and traffic management. She has concerns about biosecurity and terrorism and will be doing film work on biosecurity and setting up a film unit at Christchurch Airport. This is a long term vision. D Kingi-Pattison is also concerned if cannabis becomes an issue and where will it be planted, and forestry fire prevention and keeping the country safe.

3 COMMITTEE UPDATES – Zone Committee Members, Murray Griffin, (CWMS Facilitator, ECan) and Andrew Arps

3.1 Zone Committee Purpose and Culture

For the benefit of the new member John Cooke, the Group Purpose Statement was included in the agenda and the group culture of “how we do things”.

J Roper-Lindsay noted another value added to the purpose and culture was for this committee to be ‘bold and innovative’. M Griffin recalled this workshop discussion and will add it to this reviewed Group Purpose Statement.

J Roper-Lindsay suggested that this could be reviewed again following the discussion taking place on the future of the committee. M Griffin noted it could also be looked at again when there is a refresh of the committee members in June/July 2019.

3.2 CWMS Regional Committee Update – Carolyne Latham, (Waimakariri Zone Regional Committee Representative)

C Latham took her report has read. J Roper-Lindsay noted if there was any connection between the decisions that the Regional Committee make on projects and the matters that Zone Committees deal with. C Latham noted that a workshop is being held tomorrow for members of the Regional Committee to attend. This is to discuss what the next body of work for the Regional Committee and what items that could be taken up as projects. Feedback was welcome from any committee members on how they view the Regional Committee, its purpose, and how communication could be improved. By way of feedback, G Edge noted two issues he would like conveyed; economic diversity is critical in the next 50 years and also climate change. He would also like some feedback on what ECan is doing to reduce the livestock numbers in favour of a diversified economy across the region. G Edge questioned if this being looked at by ECan. C Latham confirmed she would ask these questions and the comments raised by J Roper-Lindsay.

G Edge noted that item 4 in this report identified that DoC doesn't have an Observer status at the committee meeting and asked if “observer status” had been instated, J Benn advised this hadn't been applied for and G Edge suggested that this should be applied for via the higher channels in Department of Conservation.

3.3 Land and Water Regional Plan Update – Jason Holland (Team Leader, Land and Water Planning, ECan)

By way of a PowerPoint presentation, J Holland presented responses to two questions:

How does the Land and Water Regional Plan provide biodiversity protection?

Councillor Stewart raised the issue of the difference in responsibilities, between the regional council and territorial authority, for the main stem of a river and tributaries respectively. She noted the Cam River main stem where ECan is responsible and the tributaries are with WDC. She asked is this likely to change to something more coherent. J Holland suggested this may have come from different legislation, but having not investigated this agreed to follow up on this issue.

Question from J Ensor on diverting a drain, J Holland noted that different people have different definitions for a drain. ECan does have rules in the LWRP that relate to the diversion of water bodies. Regional Councils are responsible for water takes and diversion of water. There are more rules applicable to this under Section 30 of the RMA.

Question from M Bate – who is responsible for a man-made constructed wetland? J Holland said when it comes to biodiversity, ECan is responsible for biodiversity in the wetlands. He noted in the LWRP, the definition of wetland does have an exclusion. For the manmade wetland that M Bate would be referring to, the consent conditions imposed when the wetland was constructed would provide better information.

What is the relationship between the LWRP and the Waimakariri River Regional Plan (WRRP)

J Holland provided additional explanation on the relationship between the Land and Water Regional Plan and the Waimakariri River Regional Plan. Any objective, policy or rule on the same subject matter in the Waimakariri River Regional Plan prevails over the objectives, policies and rules contained in the Land and Water Regional Plan.

On a map, members were shown the spatial extent of the WRRP and how that will be affected by Plan Change 2 of the WRRP. This shows that part of the land covered by the WRRP is in the Christchurch West Melton Zone. J Holland noted there will be a plan change to the WRRP to change the area it applies to, which will remove the Waimakariri sub-region area.

Following a question from G Edge, J Holland advised that the Christchurch West Melton Zone, and sub-region, will be an area that will be looked at as part of that zone sub-regional process. The National Planning Standards plan change, likely to be notified in 2023, is an opportunity to bring in the remainder of that. This is an opportunity to incorporate the rest of the WRRP and when that plan change is operative, Council will have an opportunity to revoke all of the WRRP.

Councillor Stewart notes that the WRRP has quite limited protections for artificial waterways – none to protect stock getting into artificial water courses. When Plan Change 8 becomes operative, this will provide protection for every type of waterway in the Canterbury Land and Water Regional Plan. In the interim the only protection for artificial water courses is the Waimakariri District Council Bylaws. J Holland confirmed this is the case, but in relation to a ZIPA recommendation, the proposed plan change needs to go to council, which will include tougher rules to exclude stock from artificial water courses, drains and springheads. It was explained that there is a process to be undertaken and provisions yet to be drafted before this becomes operative, but the principal relating to inclusions required in farm environment plans, is that there will be a six-month lead in time once a plan becomes operative.

3.4 **Zone Delivery** – Andrew Arps (Northern Zone Delivery Manager, ECan)

A Arps spoke to a PowerPoint presentation “Zone Delivery Matters Arising from February 2019”. S Rixecker (Director of Science, ECan) was also present. A Arps referred the information he was to provide at the February meeting of the Zone Committee, noting he did not provide his complete presentation.

The purpose here is to bridge that information gap and one of the issues that was brought up was around the funding. The other was around information that supposedly hadn't been provided about what is termed the Big Rocks and priorities happening in the Zone. A Arps noted that the items listed on the slide, had been provided to all members on a pen drive the previous week. The Big Rocks started out as clusters and stories, which were presented as a draft in mid-2016. These were “science informed” as they were based on the early current state data. The purpose of the clusters, from the beginning, was to present these in a manner that the community could understand, rather than getting into more technical language. A Arps stated there are two levers to work with – one is the environment, and other is people, so it is about connecting these two things.

A Arps spoke on all the other documents that have been provided to the committee and the times when these were made available and considered by the committee. The last of these was the 8 page ZIPA Summary document which was produced in August/Sept 2018. Some of the graphics from this document were utilised in the community consultation presentations. This was an opportunity for the community to read this summary of the ZIPA and get an understanding of the statutory elements that were wanting to be achieved, without needing to read the full document.

A Arps mentioned the logos which were developed for each of the “Big Rocks” projects, stating that these gave each project an identify, and also included a statement on what the projects are about, in quite simple terms.

Beyond this, the ZIPA recommendations were provided to members, of which there is approximately 90 with an initial review undertaken to determine if there were existing ECan work programmes aligned with each recommendation. A Arps said that inherently a large number of the non-statutory recommendations are included in the programmes of work for ECan. The Zone delivery work programme is made up of

- Compliance
- Regional priorities – Council led priorities that it wants to see occur in this Zone
- Recommendations from the Zone Committee
- A large aspect of business as usual

Business as usual takes up 70 – 80% of staff time and the resource is not huge for the balance of the other tasks to be done.

A Arps highlighted the “Clean and Green Silverstream” project which has \$300,000 of ECan funding for the 2018/19 year and a further \$150,000 funding for First 500 projects in the 2019/20 year (staff funding is separate). A brochure summarising the project was tabled, a copy of which had previously be circulated to committee members. This approach had been used with two other projects in North Canterbury and had worked very effectively.

This information has all been provided previously and there has been numerous conversations provided. A Arps said it was disheartening to have claims made that there hadn't been any information provided to the Committee in writing. Further to that, he stated there were comments made around funding and it needed to be made very clear that there is only one fund that this committee needs to understand, and that is Immediate Steps funding. The Zone Committee gets \$104,000 a year, for Immediate Steps projects to approve. Jason Butt (former ECan Biodiversity Officer for Waimakariri) provided an update to the committee on Immediate Steps funding in December 2018 and, effectively, with no new applications, nothing has changed since that time. A Arps added that this fund remains ECan's responsibility and ECan is fully accountable for those funds. The recommendations do come from this committee, but ECan has project assessment processes and takes the role of reporting on those funds very seriously.

Beyond these funds, and in order to achieve some of the projects in the zone, A Arps said he goes and effectively pitches for money. The Big Rocks projects across the Zone are looked at, priorities are set, and funding allocated for those out of the ECan zone delivery budget. A Arps stressed these are ECan funds and there are reporting mechanisms for these. A general indication can be given of how much has been spent and the whole budget. A Arps noted the Clean and Green Silverstream programme, mentioned on page 66 of the previous meeting agenda. There is \$300,000 for this project, contributed from ECan. He noted that all indications are the funds will be spent by the end of the year, adding the site has been explained and documentation provided to the committee. A Arps suggested a reasonable picture of this programme has been provided and the associated programme funding.

A Arps said that at the moment the Zone Team have a clear work programme which will take them quite some time to do. There is the ZIPA that has been landed and the Zone Team needed to look at those recommendations to purposely consider how to implement those recommendations into the team work programme in a timely manner. There is the need to look at how to fund them because several recommendations are beyond what is available from Immediate Steps or other funds. Outside funding sources will be looked at, but it will not always be possible to provide detail on externally funded projects. A Arps provided an example of a project from the Hurunui/Waiau and Kaikoura zones which is funded by the Ministry of Primary Industries (MPI). In this case, detailed reporting will be provided to MPI, but reporting to the Zone Committees will be more at a general level.

In consideration the implementation programme, the recommendations out of the ZIPA, which a lot need to be written in a manner that the community will understand better or connect with better. There is a lot of work to be done, including regional projects, such as the CWMS Fit for Future Project. A Arps advised that given there is a lot of work to be done, for the next period of time, there would be no updates given to the Zone Committee from the Zone Delivery team. He noted the zone committee is at a transitional stage, and Zone Delivery are moving into an implementation phase which they are committed too.

G Edge noted that one of the issues that he has is the identification of projects. He commented on the "Big Rocks" projects and noted that when these were presented to the committee it was at a time when the committee was dealing with the intense work of the ZIPA. These presentations from the Zone Delivery team seemed to be quite general and G Edge thought there would be follow up presentations with more

details about the actual projects – e.g. what's happening, who is doing what and budgets, etc. This next level of additional detail is missing and as a committee member, that is what he was looking for.

G Edge also commented that any actions that are done on the projects, as part of the Zone Delivery team work programme, need to come before this committee to be approved or endorsed before the Zone Delivery team actually do them. This committee is a collective of people relying on A Arps to inform them. G Edge sees one of the roles of this committee as endorsing what is being planned and debating it. A Arps suggested there has never been time for a good debate about the work programme and the committee's relationship. G Edge sought clarification on the role of the committee, questioning if it included endorsing or approving projects? He added this is a joint committee responsible for public spending of money and actions on the ground. G Edge believes there is a collective responsibility of both organisations to provide information to the committee on what it is doing next. The ZIPA has been done, but what is to be done next?

The Chair acknowledged the valid points raised by G Edge and sought clarification from Stefanie Rixecker on the responsibility of this Committee for financial reporting which he feels needs to be clarified. As Chair he sees his role, and that of the Committee, as having a responsibility for Immediate Steps funding. He added the committee has always had full documentation for these projects. Additionally, the committee are made aware of the Zone Delivery team's priorities and been kept fully informed over the last three years.

S Rixecker clarified, in the first instance, the Zone committee is not a decision making body, but an endorsing body, which is why the ZIPA came to the Council as recommendations from the Zone Committee. The Council takes these recommendations on board, utilising them through the planning process. Secondly, regarding Immediate Steps funding, S Rixecker emphasized this is the funding that this committee has access to and has responsibility for in determining and recommending which projects funding should go towards. The remainder of the ECan programme budget resides with the Councillors of Environment Canterbury. She added that what can, and will, be done is utilising the ZIPA recommendations in drafting a Plan and having that Plan agreed by independent Commissioners. This plan then emerges as an operative Plan and then the non-statutory pieces of work need to be worked through with the Zone Committee.

S Rixecker noted there is a lot in the ZIPA and the question of realignment comes in, referring to the comments of G Edge. What is in the work programme and does it still stand, given the conversations and recommendations to the Council through the ZIPA and, ultimately, a Plan which becomes operative. We need to work through the "alignment" process and determine what the priorities are as a committee and the relationship across the two Councils.

In all the other Zones, S Rixecker said the conversation has happened exactly as A Arps has articulated it. Where there is a work programme that conversation has happened with the Zone Manager and the Zone Committee, then the Zone Manager and staff, either ECan or other agencies that may help to deliver those specific programmes, report on these. This reporting is not necessarily monthly, sometimes it is quarterly reporting or on an as needs basis, depending on the nature of the programme itself. S Rixecker said this is her expected next step with regard to this Zone Committee.

Addressing the Fit for Future process, S Rixecker advised this process is under way and one of the key items that has come up is shifting from a planning focused process to an implementation process. This is a significant shift for a zone committee and raises questions of how we do that better, or differently. There could be a mechanism put in place, possibly a Memorandum of Understanding, or some similar mechanism between ECan and the District Council relating to the zone implementation process. In this document there would be agreement about how the Council's fund things and how those would be reported through to a Zone Committee. This is one mechanism that has been flagged, but is not necessarily the best or the right mechanism. In another step, S Rixecker noted that a database has been developed so that it can be determined exactly which projects are happening where, and also which stakeholders are involved, e.g. Fish and Game NZ, Ngai Tahu, Fish and Bird will have interests right across the region and in different zones. This tool is called the 'Inzone', and it aims to bring a lot of information from different sections of ECan together more quickly.

G Edge noted that it is important for the committee to be able to engage with the Zone Manager (noting the quote "strong working relationship between the Zone Manager and the Zone Committee"). G Edge said to him this is part of the transition, a huge part of our non-statutory ZIPA items will be a component of what Zone Delivery is doing, and also supported by future funding from both ECan and WDC. It is important that the committee is endorsing some non-statutory projects, such as the sub-catchment management process.

J Roper-Lindsay endorsed this approach but also commented that there could have been more time allocated for discussion with the Zone Manager. Sometimes this is as a result of Zone Delivery items being put towards the end of the agenda and there hasn't been the time to discuss things that were pre-circulated. The committee has had the material but not the time to get that collaboration working. She added there is also a lack of clarity about the zone committee's future, post ZIPA. There really needs to be discussion on what we are supposed to be doing. J Roper-Lindsay extended her thanks to S Rixecker, and A Arps for his presentation.

The Chairman believes that this committee is fortunate to have A Arps as the Zone Manager and has been provided with good information, and adequately reported to on the finances this committee is responsible for. He also noted the "first 500" Springhead process, which gave staff the flexibility to go out and get stuff done while the committee was busy on the ZIPA, had been a successful initiative. G Walton endorsed this comment, noting that A Arps has talked to him and been totally open about what he has been doing.

S Stewart noted this concern with reporting had been raised by her at previous meetings and was disappointed it had become such a difficult issue. She reviewed several of the reports tabled and noted examples of the level of reporting she felt should be provided to this committee. The Chair intervened to draw this discussion to a close noting these issues had been raised previously and weren't adding anything constructive to the current discussion.

The Chair asked S Rixecker for any closing comments, who indicated as an action to take away, that there would be a conversation between herself and the Chair regarding the next steps, on the transition around ZIPA to implementation, noting that this is not the only Zone Committee at that stage.

3.5 **Media and Communications – Update** – Gina McKenzie (Director – Real Communications)

G McKenzie presented her report, noting the local newspapers, The Northern Outlook and the North Canterbury News, are keen to keep receiving the Zone articles and opinion pieces. The Ashley Rakahuri Rivercare Group are releasing a short feature length film which Tony Benny has made and there will be an opening night on the 21st March at the Rangiora Town Hall commencing at 6pm. Gina has been working on an opinion piece with the Committee Chair to update the community on progress with the ZIPA and what the committee will be focussing on for the next few months ahead. There will also be a profile on Mike Smith which will look at how technology on his farm is decreasing the impact on the environment and increasing efficiency. Current cinema advertising is focusing on “Everyone has a part to play”, focusing on the urban rural divide.

3.6 **National Wilding Conifers Control Programme – key messages**

This document was taken as read. There were no questions.

3.7 **Draft Zone Committee Annual Report 2018**

M Griffin noted that a copy of the draft Zone Annual Report is still being prepared and will be circulated electronically to members this week, allowing time for feedback from committee members before it is presented to Council in May 2019.

Moved G Edge seconded J Roper-Lindsay

THAT the CWMS Waimakariri Zone Committee:

- (a) **Receive** these updates for its information and regarding the committee’s work programme and community engagement priorities for 2019.

CARRIED

4 **GENERAL BUSINESS**

G Edge noted the consultation being undertaken at the moment by WDC on the draft Rural Residential Development Strategy. This calls for comments on the proposed expansion of the rural residential zones, feedback is due by April 5.

5 **KARAKIA**

Arapata Reuben closed the meeting with a karakia.

6 **NEXT MEETING**

The next meeting of the CWMS Waimakariri Water Zone Committee will be held on Monday 8 April 2019 commencing at 3.00pm.

There being no further business, the meeting closed at 5.35pm.

CONFIRMED

Chairperson

Date

7 **WORKSHOP – WWZC 2019 WORK PROGRAMME PRIORITIES REVIEW**

At the conclusion of the meeting a workshop on the Zone Committee 2019 work programme priorities review was held.

AGENDA ITEM NO: 3	SUBJECT: Committee Updates
REPORT TO: Waimakariri Water Zone Committee	MEETING DATE: 8 April 2019
REPORT BY: Murray Griffin, CWMS Facilitator – Waimakariri, ECan	

PROPOSAL

This agenda item provides the committee with an overview of updates for review.

RECOMMENDATIONS

- The Zone Committee are asked to receive these updates for its information and regarding the committee's work programme and community engagement priorities for 2019.
- That the proposed Cust River B block minimum flow presented in the Waimakariri ZIPA 2018 at 310L/s should be 350L/s. This correction still aligns with the committee's intention in setting minimums flows for the Cust River and it is requested letters informing those water users associated with the Cust River B block of this correction be sent from the Zone Committee Chair.

COMMITTEE UPDATES

The following updates are tabled for the committee:

1. CWMS Regional Committee

The last Regional Committee meeting was held on Tuesday 12 February. The summary notes from this meeting were provided by Carolyn Latham at the 11 March committee meeting. There were no Working Group meetings in March, although a small group of regional committee reps met on Tuesday 12 March and discussed the future role of the Regional Committee. A summary of this discussion will be fed back to the next Regional Committee meeting, to be held on Tuesday 9 April.

The link to the CWMS Regional Committee 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>

2. Land and Water Regional Plan

○ Two LWRP questions from the 11 March zone committee meeting

Jason Holland (ECan Planning Team Leader) provided a short presentation on two questions raised by the zone committee at its 11 March meeting, as detailed below:

1. How the Land and Water Regional Plan (LWRP) provides biodiversity protection, and
2. Clarify the relationship between the LWRP and the Waimakariri River Regional Plan.

His presentation is provided as **agenda item 3.1**.

- **Waimakariri ZIPA 2018 – a correction**

Jason Holland has also provided an update on an error identified in the 2018 Zone Implementation Programme Addendum (page 48), specifically, the Cust River B Block minimum flow of 310L/s. The proposed Cust River B block minimum flow should be 350L/s. It has been clarified this error is only in the ZIPA, not in the technical memos prepared for the draft and final ZIPA.

The minimum flow for B block allocation should be no less than the sum of the A block minimum flow plus the A block allocation. Given the zone committee's recommendation to increase the A block minimum flow from 20L/s to 60L/s it, therefore, follows that the B block minimum flow should increase from 310L/s to 350L/s. Consequently, the following recommendation is made to the committee for consideration:

Recommendation – that the proposed Cust River B block minimum flow presented in the Waimakariri ZIPA 2018 at 310L/s should be 350L/s. This correction still aligns with the committee's intention in setting minimums flows for the Cust River and it is requested letters informing those water users associated with the Cust River B block of this correction be sent from the Zone Committee Chair.

3. Omnibus Plan Change 2019

An update on the Omnibus 2019 plan change to the Canterbury Land and Water Regional Plan (LWRP) is provided for the zone committee as **agenda items 3-2 and 3-3**.

4. Lineside Drain investigation

Initiated at the previous zone committee meeting, following the presentation by Michael Bate, investigations into this issue are now underway and an update will be provided at the meeting.

5. Immediate Steps overview

An overview of Immediate Steps funding from 2011 to present is provided as **agenda item 3.4**.

6. Media and Communications – March 2019

A media and communications report for the month of February is provided by Gina McKenzie as **agenda item 3-5**. The latest zone committee newsletter (29 March) is provided as **agenda item 3-6**.

7. Ashley Rakahuri Rivercare Group (ARRG) – Short Movie

To view the recently released short movie '**Rakahuri Recovery – saving the birds of the Ashley Rakahuri River**' go to the ARRG website: <http://www.arrg.org.nz/>

8. Ashley Rakahuri Algal Blooms – Summer Update

The ECan Science monitoring of the Ashley Rakahuri over the summer period (January to March) has produced the following results:

- Ashley Rakahuri Gorge – no warnings
- Rangiora-Loburn Bridge – warnings from the beginning of February to the most recently sample in Mid-February
- State Highway 1 – warnings from the end of January to mid-March (no more sampling but most recent samples showed a decline in cover)

Summary

- Compared to previous summer seasons, these blooms are not unusual, with increases and declines in blooms driven by climatic conditions.
- This summer we had very stable and fine weather after Christmas, with a corresponding increase in the blooms occurring over the summer period.
- The previous two summer seasons had smaller periods where warnings were in place. The weather was less stable and dry across these summers, hence less growth and fewer warnings.
- In general, SH1 and Rangiora-Loburn sites have regular summer blooms, whereas the gorge is rarely experiencing such blooms, or associated warnings.
- Additional information on these blooms is being arranged for the zone committee by the ECan Science team.

9. Draft Zone Committee Annual Report 2018

A draft of the zone committee's 2018 Annual Report has been prepared and provided for the committee for review.

10. Zone Committee refresh 2019

Given the local government elections in October this year, and the scheduled mid-year notification of the Waimakariri sub-region plan change, the zone committee refresh will be conducted in May and June.

More information on the refresh will be available later in the month, with expressions of interest to be on the Waimakariri Water Zone Committee received from –
Monday 29 April to Monday 3 June.

For more information please contact Waimakariri Water Zone Committee Facilitator, Murray Griffin:
 murray.griffin@ecan.govt.nz
 (027) 705-4798 or 0800 324-636

Answering two questions:

1. How does the Land and Water Regional Plan (LWRP) provide biodiversity protection?
2. What is the relationship between the LWRP and the Waimakariri River Regional Plan?

Presentation to Waimakariri Zone Committee

Jason Holland

Team Leader, Land and Water Planning

11/3/19

Q1. How does the LWRP provide biodiversity protection?

Key messages:

1. Environment Canterbury responsible for biodiversity in the coastal marine area, beds of rivers and lakes, and wetlands
2. Bed and wetland defined in RMA and further clarified in LWRP
3. LWRP includes rules controlling a range of activities in beds of rivers and lakes, and in wetlands, to protect biodiversity

Responsibilities for biodiversity - RMA

30 Functions of regional councils under this Act

(ga) the establishment, implementation, and review of objectives, policies, and methods for maintaining indigenous biological diversity

31 Functions of territorial authorities under this Act

(b) the control of any actual or potential effects of the use, development, or protection of land, including for the purpose of -

(iii) the maintenance of indigenous biological diversity

62 Contents of regional policy statements

(1) A regional policy statement must state -

(i) the local authority responsible in the whole or any part of the region for specifying the objectives, policies, and methods for the control of the use of land—

(iii) to maintain indigenous biological diversity

Responsibilities for biodiversity – Canterbury Regional Policy Statement

- See Chapter 9 – “Statement of Local Authority Responsibilities”

ECan – “solely responsible for specifying the objectives, policies and methods for the control of the use of land for the maintenance of indigenous biological diversity in the coastal marine area, **in beds of rivers and lakes, and in wetlands**”

Territorial authorities (TAs) – “...all land outside of wetlands, the coastal marine area, and beds of rivers and lakes”.

Exceptions that are shared responsibilities – where a TA has identified in a district plan an area of significant indigenous vegetation or a significant area of fauna, that includes a bed of a river or lake or a wetland; or there are indigenous vegetation clearance provisions in a district plan that apply to areas of the district that include a bed of a river or lake, or a wetland.

LWRP definition of “bed”

Means the space of land extending between the outward extremities of any stopbank or any flood protection vegetation, as shown on the maps which form part of the CRC Flood Protection and Drainage Bylaw 2013, and **where there is no stopbank or flood protection vegetation or relevant map in the CRC Flood Protection and Drainage Bylaw 2013**, means:

- a. *in relation to any river...**the space of land which the waters of the river cover at its fullest flow without overtopping its banks***
- b. *in relation to any lake, except a lake controlled by artificial means...the space of land which the waters of the lake cover without exceeding its margin*
- c. *in relation to any lake controlled by artificial means, the space of land which the waters of the lake cover at its maximum permitted operating level*

Definitions of wetland

RMA –

permanently or intermittently wet areas, shallow water, and land water margins that **support a natural ecosystem of plants and animals that are adapted to wet conditions**

LWRP -

Includes:

1. Wetlands which are part of river, stream and lake beds
2. Natural ponds, swamps, marshes, fens, bogs, seeps, brackish areas, mountain wetlands, and other naturally wet areas that support an indigenous ecosystem of plants and animals specifically adapted to living in wet conditions, and provide a habitat for wildlife
3. Coastal wetlands above mean high water springs

But **excludes:**

- a. **Wet pasture or where water temporarily ponds after rainfall**
- b. Artificial wetlands used for wastewater or stormwater treatment except where they are listed in sections 6 to 15 of this plan
- c. Artificial farm dams, drainage canals and detention dams
- d. Reservoirs for firefighting, domestic or community water supply.

Some key LWRP rules for biodiversity protection and enhancement

- High country burning - (Rules 5.172 – 5.174)
- Damming (Rules 5.154 – 5.158)
- Developing new wetlands (Rules 5.159, 5.160)
- Activities that would reduce the area of a wetland (Rules 5.161, 5.162)
- Disturbing vegetation, cultivation, and earthworks in lake and river beds or in riparian margins (Rules 5.163 – 5.169)
- Gravel removal (Rules 5.147 – 5.153)

2. What is the relationship between the LWRP and the Waimakariri River Regional Plan (WRRP)?

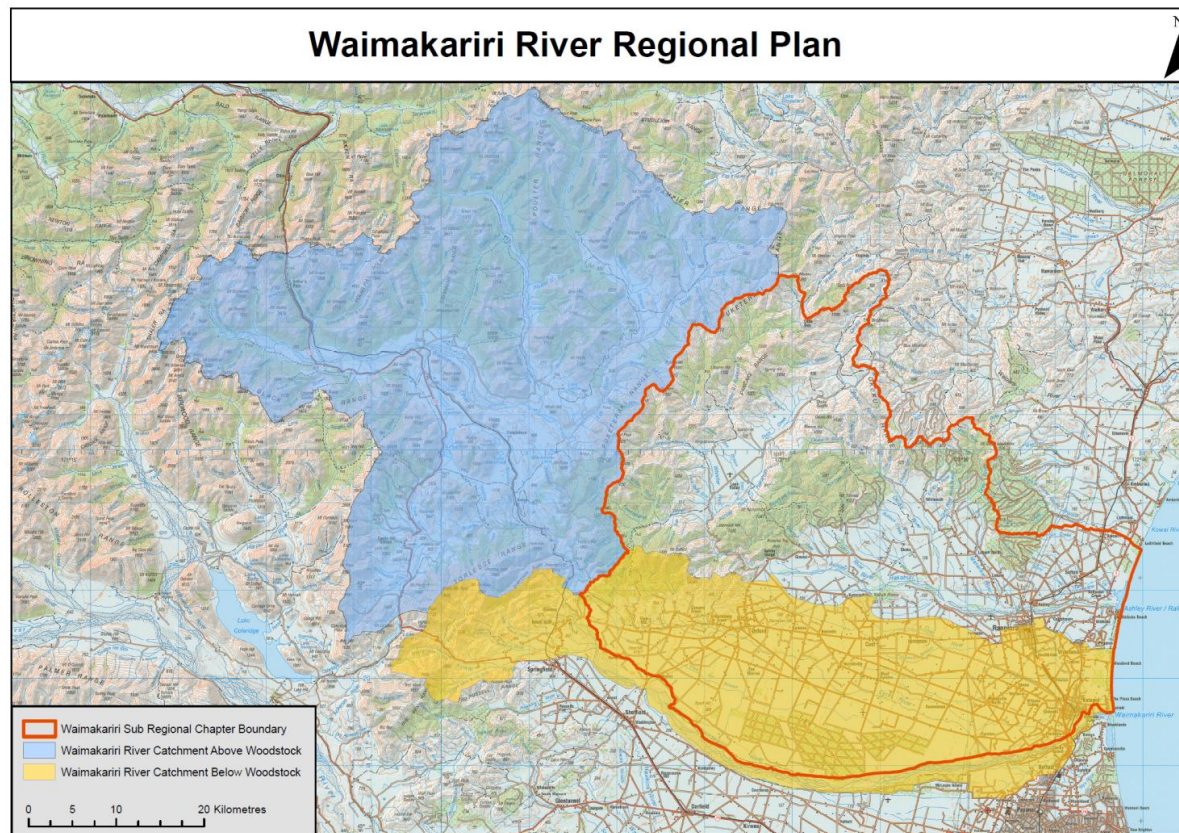
Key messages

1. The WRRP covers water takes, discharges to water (or onto land where it may enter surface water), and some other miscellaneous matters. It doesn't include any farming nutrient management rules.
2. For the matters the WRRP addresses, over the limited spatial area that the WRRP applies, the WRRP trumps the LWRP.
3. Plan Change 2 to the WRRP will change the spatial area that it applies to – removing the Waimakariri sub-region area.
4. After that, the WRRP will still trump the LWRP for the Waimakariri River mainstem and some other areas.

Relationship clarified (taken from text in the LWRP)

The Waimakariri River Regional Plan has objectives, policies and rules relating to the taking or diverting of surface water and discharge to surface water... or onto land where the discharge may enter surface water ... in the area covered by the Waimakariri River Regional Plan. The Waimakariri River Regional Plan also has rules relating to sewage tank effluent, animal effluent, land drainage water, aquifer or bore test water, water tracers, cooling water, stormwater and swimming pool water. Except for policies and rules in the sub-region sections of the proposed Land and Water Regional Plan that specifically address the repair of earthquake damaged land on individual sites used for residential activities, any objective, policy or rule on the same subject matter in the Waimakariri River Regional Plan prevails over the objectives, policies and rules contained in this Plan...

Spatial extent of WRRRP and how that will be affected by Plan Change 2 to the WRRRP



AGENDA ITEM NO: 3–3	SUBJECT: Omnibus Plan Change 2019	
REPORT TO: Waimakariri Water Zone Committee		DATE OF MEETING: 8 April 2019
REPORT BY: Andrea Richardson, Environment Canterbury Senior Planner		

PURPOSE

1. To update the Zone Committee on progress of the Omnibus 2019 plan change to the Canterbury Land and Water Regional Plan (*LWRP*).

BACKGROUND

2. The Omnibus 2019 plan change covers a range of issues to ensure the *LWRP* responds appropriately to new directives from central government, emerging environmental issues, and changes in matters that are strategic priorities for Environment Canterbury. The region-wide topics include managed aquifer recharge, commercial vegetable operations, increased habitat protection for a number of freshwater species and better recognition of tangata whenua values. The Omnibus 2019 plan change also includes sub-region changes to give effect to the Hinds Drains Working Party recommendations.
3. The Omnibus 2019 plan change will form one part of proposed Plan Change 7 to the *LWRP*. Plan Change 7 is structured in three parts and includes Omnibus (Part A), a Waimakariri sub-region component (Part B) and an Orari-Temuka-Opihi-Pareora sub-region component (Part C). Key milestones for Plan Change 7 include the first stage of consultation required under the Resource Management Act (Schedule 1 consultation) with including Te Runanga o Ngai Tahu, local authorities, Ministers) on the draft plan change in April 2019 and public notification of the proposed plan change in mid-2019.

UPDATE ON PROGRESS

4. Development of planning solutions for each Omnibus topic has occurred at a slightly different pace as each is generally distinct from the others. Recently the Council decided not to progress the Braided Rivers topic in this plan change, but wait for the Court of Appeal decision on the legal extent of a braided river.
5. We have sought feedback from key stakeholders and staff on the proposed policy direction for each topic and are now in the process of writing planning provisions. We will seek feedback on these draft provisions from Schedule 1 parties in April/May 2019. Attachment 1 of this report provides a brief overview of each plan change topic and an update on progress.

Attachment 1: Update on Omnibus 2019 topics

Omnibus topic description	Policy direction
<p>1 Improvements to rules to address Tangata Whenua values</p> <p>A number of LWRP controlled and restricted discretionary rules do not include specific recognition of Māori cultural and customary activities and associated values in their matters of control or restricted discretion. The purpose of this topic is to identify which controlled and restricted discretionary rules in the plan inappropriately constrain the ability of decision-makers on resource consent applications to consider the effects on Tangata Whenua values.</p>	<p>A number of rules will be amended to add a requirement to consider Māori cultural and customary activities and associated values in resource consent applications. The iwi entities have provided examples of relevant tangata whenua values.</p> <p><u>Examples of rules that may be amended:</u></p> <ul style="list-style-type: none"> - Wastewater & greywater discharges to land - Pit toilet discharges to land - Excavation of material over an aquifer
<p>2 Braided Rivers</p> <p>This topic sought to clarify for plan users the policies and rules that apply to activities within, and adjacent to, the bed of a braided river, and to halt the loss of braided river systems and their values.</p>	<p>Council has determined that the Braided Rivers Topic should not be included in this plan change due to uncertainty about emerging caselaw.</p>
<p>3 Increased protection of indigenous freshwater species and habitats</p> <p>This topic seeks to increase protection of indigenous freshwater species and their habitats, including critically endangered species and valuable but declining mahinga kai. The work is informed by a science report that outlines the habitat, threat status and migratory requirements of all Canterbury indigenous freshwater fish and two freshwater invertebrates (crayfish and mussels).</p>	<p>Methods to increase protection in the plan may include:</p> <ul style="list-style-type: none"> - identification of certain indigenous freshwater species habitat and their protection from activities that may damage these areas - For migratory fish, enabling the removal/reconstruction of fish passage barriers such as weirs or perched culverts - Restrict the permanent realignment or piping of waterways - Restrict diversions that would cause the loss of water from any braid or river reach

Omnibus topic description		Policy direction
	<p>The second aspect of this topic is the incremental loss of instream habitat quality and quantity that may occur through re-alignment, piping, and reclamation of drainage channels and streams.</p> <p>A third aspect is the ecological impacts of diversion of braids of a river. Principally, the loss of water from a braid, or de-watering, causes mortality to fish and invertebrates and sediment suspended during the activity impacts the downstream receiving environment.</p>	
4	<p>Schedule 17 Salmon Spawning Sites</p> <p>The plan restricts a number of activities that may damage salmon spawning sites, including stock access, vegetation clearance and gravel extraction. This topic seeks to add new salmon spawning sites to Schedule 17 of the LWRP.</p>	Potential amendment to Schedule 17 to include new sites in consultation with Fish and Game.
5	<p>Schedule 6 – Areas of Rivers or Lakes Commonly used for Freshwater Bathing</p> <p>The plan prohibits the disturbance of waterways by any farmed cattle, farmed deer or farmed pigs within 1km upstream of a Schedule 6 area. Schedule 6 currently lists 28 areas on rivers and lakes commonly used for freshwater bathing, and this topic seeks to add additional freshwater bathing areas.</p>	<p>Potential amendment to Schedule 6 to include additional areas, developed from three information sources:</p> <ul style="list-style-type: none"> - Environment Canterbury’s recreational health monitoring programme; - River Values Assessment System report; and - Canterbury Water Management Zone Committee feedback. <p>Refer to Attachment 2</p>
6	<p>National Policy Statement for Freshwater Management updates</p> <p>The LWRP was developed under the 2011 version of the National Policy Statement for Freshwater Management. Recent amendments to the NPS-FM in 2014 and 2017 have introduced new requirements for Councils including establishment of limits to achieve freshwater outcomes in accordance with a National Objectives Framework.</p>	Potential amendments to LWRP Tables 1a and 1b (freshwater outcomes for rivers and lakes) and Schedule 8 (region-wide water quality limits).

Omnibus topic description		Policy direction
7	National Environmental Standards for Plantation Forestry The National Environmental Standards for Plantation Forestry (NES-PF) came into effect in May 2018 and prevails over LWRP rules except where the NES-PF specifically allows more stringent regional plan rules. This topic proposes to ensure plantation forestry industry activities meet the current LWRP requirements (where applicable) in addition to the NES-PF.	Consolidate existing rules into one new rule for plantation forestry activities that will address: <ul style="list-style-type: none"> - Discharge of sediment into a surface waterbody - Potential damage and disturbance to indigenous freshwater species habitat including inanga spawning habitat - Potential damage to wetlands - Replanting and planting within any Flow Sensitive Catchment
8	Commercial vegetable operations This topic seeks to better provide for the management of nutrient discharges from commercial vegetable operations. Crop rotation and lease-hold arrangements are typically undertaken by commercial vegetable growers to avoid soil-borne diseases, and compliance with the LWRP farming rules and access to lease land with sufficient nitrogen load is challenging for growers as the nitrogen loss limit that applies to the land is restricted by the crop type grown (or other land use) during the nitrogen baseline period.	Potentially new definitions (baseline commercial vegetable growing area; commercial vegetable growing), new policies and rules.
9	Managed Aquifer Recharge This topic will develop region-wide provisions to provide for Managed Aquifer Recharge to assist with improvements to water quality and/or water quantity in the receiving environment. The purpose is to accelerate the achievement of environmental outcomes (i.e. reduction in contaminant concentrations, groundwater replenishment and/or increasing flows in hydraulically connected waterways).	Potentially a new policy and new rules for MAR, including the take and use of surface water, the discharge into groundwater, and related construction activities.

AGENDA ITEM NO: 3–4	SUBJECT: Omnibus Plan Change 2019 – attachment
REPORT TO: Waimakariri Water Zone Committee	DATE OF MEETING: 8 April 2019
REPORT BY: Andrea Richardson, Environment Canterbury Senior Planner	

Waimakariri Water Zone Committee

Attachment 2: LWRP Schedule 6: Areas on rivers or lakes commonly used for freshwater bathing (existing and proposed)

Table 1. Proposed list of areas on lakes and rivers commonly used for freshwater bathing for inclusion in Schedule 6 of the LWRP. Existing Schedule 6 sites (highlighted in grey) and new site additions are included.

Area	Site name	NZTM Easting	NZTM Northing	The distance upstream of site where stock are excluded from the river or lake (m)
Canterbury	Irongate Stream at SH1	1663752	5319096	1,000
	Hapuku River at intake	1657275	5315825	1,000
	Upper Kowhai River at Kowhai Ford Rd	1651030	5307003	1,000
	Lower Kowhai River at SH1	1652069	5303873	1,000
	Lyell Creek lagoon	1656307	5305144	1,000
	Charwell River at Inland Kaikoura Rd	1629886	5303395	1,000
	Kahutara River at SH1 Lagoon	1648429	5301784	1,000
	Oaro River at Oaro	1641492	5293039	1,000
	Lewis River at Boyle Lodge	1548908	5292625	1,000
	Hanmer River below Hanmer Springs Rd bridge	1582580	5286064	1,000
	Mason River adjacent to campground	1603183	5278005	1,000
	Waiau River upstream of Hanmer River confluence	1582093	5285779	1,000
	Waiau River at Waiau	1602857	5277566	1,000
	Hurunui River at SH7	1580947	5253515	1,000
	Hurunui River at SH1	1608328	5250305	1,000
	Hurunui River adjacent bach settlement	1622468	5249063	1,000
	Waipara River at Boys Brigade camp	1579297	5231467	1,000
	Cave Stream at camp ground	1496843	5221602	1,000
	Cave Stream at Cave	1497861	5216766	1,000
	Ashley River/Rakahuri at Gorge picnic ground	1537355	5213581	1,000
	Ashley River above Rangiora-Loburn bridge	1564891	5207477	1,000
	Ashley River at SH1	1574717	5208250	1,000
	Lake Lyndon	1494546	5204791	1,000
	Pegasus Lake at Motu Quay Jetty	1575339	5204681	1,000

	Cam River at Bramleys Road	1570570	5200985	1,000
	Kaiapoi River at Kaiapoi township	1572328	5196530	1,000
	Waimakariri River at Gorge bridge	1523049	5198806	1,000
	Waimakariri River at Thompsons Road (the Willows)	1545508	5187383	1,000
	Waimakariri River as Rock Spur	1566811	5191046	1,000
	Waimakariri River between SH1 and old bridge	1571600	5193123	1,000
	Otukaikino Ck at swimming hole	1571299	5192832	1,000
	Lake Rotokohatu	1565481	5187454	1,000
	Selwyn River at Whitecliffs	1510439	5187341	1,000
	Selwyn River at Glentunnel	1513817	5184593	1,000
	Selwyn River at Chamberlains Ford	1549418	5162592	1,000
	Selwyn River at Coes Ford	1552802	5161726	1,000
	Selwyn River at Upper Huts	1554816	5159753	1,000
	Lake Ellesmere/Te Waihora at Lakeside	1549447	5150492	1,000
	Rakaia River at Gorge	1491485	5180812	1,000
	Rakaia River at north end of Lagoon	1539017	5140150	1,000

AGENDA ITEM NO: 3–5	SUBJECT: Immediate Steps Biodiversity Funding – Overview		
REPORT TO: Waimakariri Water Zone Committee		DATE OF MEETING: 8 April 2019	
REPORT BY: Murray Griffin, CWMS Facilitator – Waimakariri			

PURPOSE

To provide the Water Zone Committee with an overview on all Immediate Steps projects funded by this committee since 2011.

RECOMMENDATION

That the committee:

- Receive this briefing for its information, and
- Consider its ZIPA recommendations and 2019 work programme priorities.

BACKGROUND

Immediate Steps Funding 2011 – 2015

The Waimakariri Water Zone Committee, like all Canterbury Water Zone Committees, was allocated \$500,000 to invest into biodiversity projects within their zone over 5 years.

The Table below provides a full list of the projects to be allocated Immediate Steps funding through to 2015 by the Waimakariri Water Zone Committee.

	Project Name	Allocated	
1	Tutaepatu Lagoon – Stage 1	\$40,000	
2	Baynons Wetland	\$11,500	
3	Plains Kanuka Remnant	\$7,447	
4	Dagnum Drylands	\$7,580	
5	Poynters Wetland	\$8,000	
6	Eyrewell Drylands	\$12,000	
7	Tutaepatu Lagoon – Stage 2	\$40,000	
8	Ashley Rakahuri River Care Group	\$1,350	
9	Tutaepatu Lagoon – Stage 3	\$40,000	

10	Birch Hill Wetland	\$8,220	
11	Sladdens Farm Road Spring	\$3,448	
12	Ashley Inanga Enhancement Works	\$2,333	
13	Waikuku Beach Wetland	\$8,700	
14	Sandhill Lakes Enhancement	\$3,595	
15	Sladdens Bush Road	\$10,000	
16	Okuku Springs	\$13,670	
17	Waikuku Rivercare Group Trapping	\$605	
18	Silverstream Riparian Planting	\$11,375	
19	Waimakariri Corridor	\$45,852	
20	Tutaepatu Lagoon – Stage 4	\$40,000	
21	Mounseys Stream	\$21,383	
22	Sladdens Bush Road Mudfish	\$13,105	
23	Sladdens Farm Road Mudfish	\$10,062	
24	<i>Astelia grandis</i> Ohoka	\$2,580	
25	Tutaepatu Lagoon – Stage 5	\$40,000	
26	Pines Beach Wetland 1	\$27,518	
27	Bridgewater Swamp Ohoka	\$6,480	
28	Silverstream Reserve Planting	\$10,000	
29	Tutaepatu Lagoon – Stage 6	\$8,000	
30	Pines Beach Wetland – Stage 2	\$10,000	
31	Coopers Creek Wetland	\$7,155	
	Totals:	\$471,958	

The remaining funds from the initial \$500,000 (\$28,042), were allowed to roll over to be used in the second 5-year commitment of Immediate Steps funding.

Immediate Steps Funding 2016 – 2020

At the last zone committee meeting of 2018 (10 December) ECan Biodiversity Officer, Jason Butt, provided an update/stocktake on Immediate Steps funding to the end of 2018. This stock take is re-presented for the committee. New Biodiversity Officer for the Waimakariri and Hurunui/Waiiau Zones, Zipporah Ploeg, has confirmed no new Immediate Steps applications have been advanced so far in 2019. There have, however, been several inquiries regarding potential Immediate Steps projects in the zone.

Table of Immediate Steps Funding – As presented to the zone committee in December 2018.

Waimakariri Zone Immediate Steps Position						Dec-18	
Project	FY2017		FY2018		FY2019		FY2020
	Allocated	Remaining	Allocated	Remaining	Allocated	Remaining	Allocated
Carried over from previous year		\$30,000		\$27,261			
New allocation		\$100,000		\$100,000		\$100,000	\$100,000
Total funding available		\$130,000		\$127,261		\$100,000	\$100,000
Available to allocate (pre-allocate)		100%		100%		70%	70%
Project	Allocated	Remaining	Allocated	Remaining	Allocated	Remaining	Allocated
Riparian Restoration – Upper Cam River	\$1,000						
Ashley Rakahuri Island Creation	\$4,820						
First 500 Springhead Protection	\$30,000						
Pines Beach Wetland Weed Control (FY2018)	\$52,000						
Waimakariri Corridor – Smiths Stream	\$14,919						
	\$102,739	\$27,261					
Ashley Rakahuri Weeds (Aug 2017)			\$13,170				
White Rock Mains QEII (Oct 2017)			\$30,000				
Morriss Farm Wetland (Oct 2017)			\$10,313				
Wakeman Wetland (Dec 2017)			\$7,263				
Easterbrook Road Community Planting (June 2018)			\$49,710				
Kānuka Row 2018 (June 2018)			\$8,000				
Dagnum 2018 (June 2018)			\$8,000				
			\$126,456	\$805			
Pines Beach Wetland Weed Control (FY2019)					\$30,000		
White Rock Mains (FY2019)					\$28,000		
					\$58,000	\$42,000	
							\$28,000
White Rock Mains (FY2020)							\$28,000
							\$72,000
	\$102,739		\$126,456		\$58,000		\$28,000

AGENDA ITEM NO: 3–6	SUBJECT: Media and Communications Report – March 2019	
REPORT TO: Waimakariri Water Zone Committee		MEETING DATE: 8 April 2019
REPORT BY: Gina McKenzie, Real Communications		

Waimakariri Zone Committee Media and Communications Report -1st March – 31st March

Newsletters sent

- 29th March – newsletter sent out to 1000 + subscribers – Focus on developing localised plans for water improvement/ARRG video/profile on Eyreton farmer

Articles provided to media

- Profile piece on Mike Smith (technology boosts efficiency and improves the environment)
- Cam River structures removal
- Information on the year ahead – focus areas for WZC
- Information on ARRG video launch event
- Information on Clean and Green Silverstream

Articles published (articles supplied and articles of interest to the committee)

**** denotes content provided to media**

- 1st March – Northern Outlook – birds being killed at North Canterbury wastewater ponds
- 1st March – Northern Outlook – successful season for black-billed gulls against the odds
- 13th March – Northern Outlook – WDC Annual Plan consultation – mentions ZIPA and options for WDC to help deliver solutions package
- 14th March – North Canterbury News – ARRG film celebrates unique birds
- 14th March – North Canterbury News – Article on Clean and Green Silverstream quoting Andrew Arps
- 21st March – North Canterbury News – Exciting phase in water management – article on WZC's plans for 2019 quoting Andrew Arps
- ** 21st March – North Canterbury News – Profile on Mike Smith – how technology boosts efficiency while improving the environment
- ** 22nd March – Northern Outlook - Profile on Mike Smith – how technology boosts efficiency while improving the environment

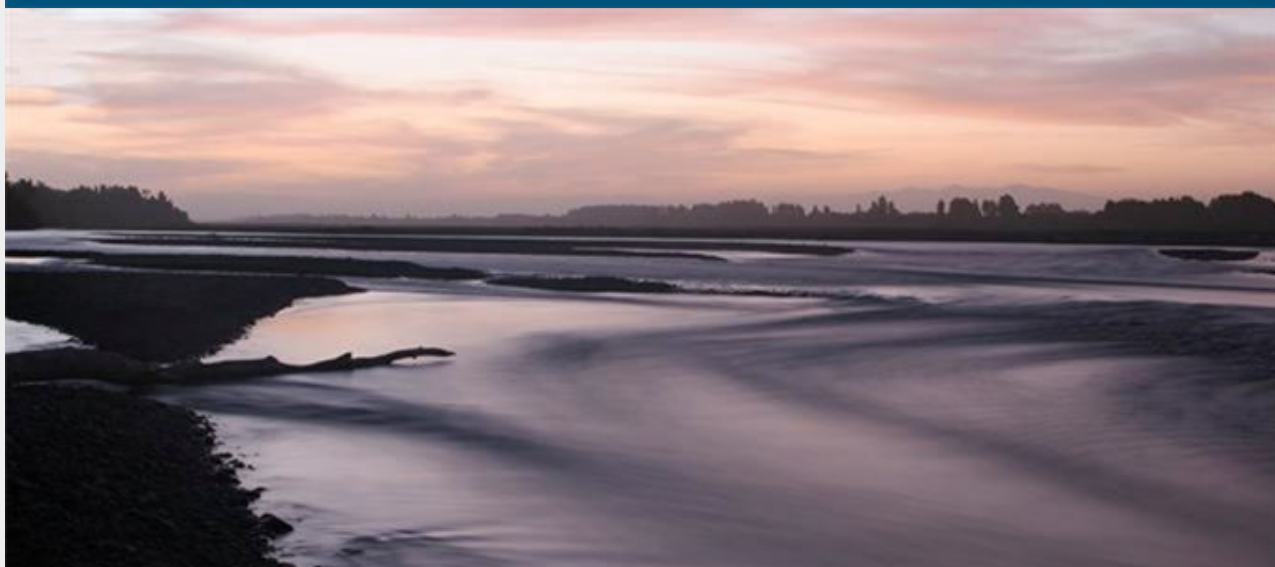
Upcoming articles

- Update on WZC key actions for 2019 – Dave's opinion piece
- Profile on John Cooke – new WZC member

- Updates on IMS projects – series of articles

Current cinema advertisement

- Everyone has a part to play – bridging the rural-urban divide



Developing localised plans to address water issues

We're continuing to work with Environment Canterbury's planners to get the recommendations in our Zone Implementation Plan Addendum (ZIPA) reflected in their plans.

While that process continues our focus is turning to identifying priority catchment areas which will address water challenges.

We'll be developing plans for the first three priority catchment areas over the next few months. The aim is to begin work on the ground as soon as possible so we can improve Waimakariri's waterways.

Congratulations to the Ashley Rakahuri Rivercare Group (ARRG) on the launch on a short film detailing a year of the work they are doing to protect our rare braided river birds. You can read more about that below and can also watch the film on the [Ashley Rakahuri Rivercare Group website](#).

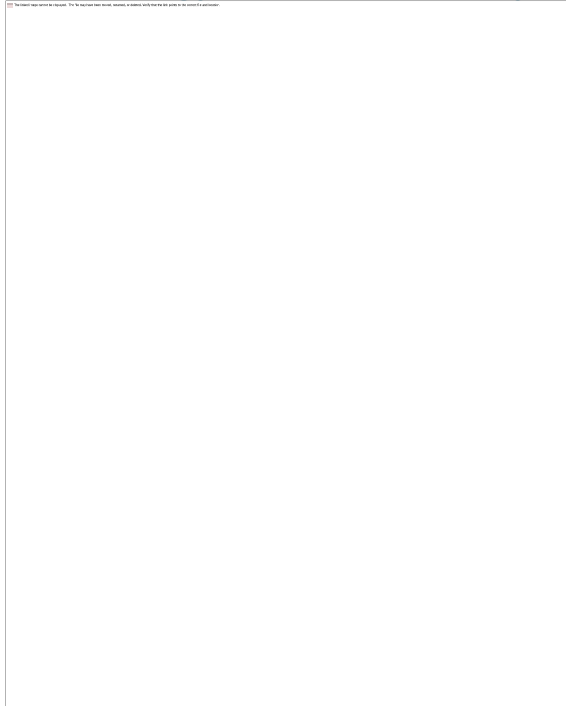
I was also heartened to read how Eyreton farmer Mike Smith is embracing technology in order to reduce his impact on the environment. The full article is included in this newsletter.

Read the [Waimakariri Water Zone Committee Draft Zone Implementation Programme Addendum](#) if you missed the link to the in our previous newsletter.

I look forward to seeing you at our next zone committee meeting which will be held on Monday 8 April from 3-6pm at the Waimakariri District Council Chambers.

Check out the [Waimakariri Water Zone page](#) for more information including meeting agendas.

Technology boosts efficiency and enhances environment



Making informed decisions using technology has created more productive land use for farms while reducing their environmental impact, according to Eyrewell farmer Mike Smith.

When Mike and his family began their farming partnership in 2010, one of their first tasks was to boost soil fertility, along with adding soil moisture monitors, soil temperature monitors, and flow metres.

“We wanted to know where we were sitting with our soil types, soil fertility and soil moisture holding capabilities to make really well-informed decisions.

A lot of farms were only testing selected blocks of land, but we decided to test every single paddock individually to get the best results.”

[Read the full story.](#)

Film celebrates Ashley-Rakahuri River

A short film on the Ashley-Rakahuri Rivercare Group (ARRG) by local videographer Tony Benny highlights the work being done to restore the natural habitat for rare birds nesting along the river.

ARRG chair Nick Ledgard says the film is the culmination of an 18-month project to capture a year in the life of the group and the birds.

“It wasn’t always easy to capture footage of the birds, but we’re really happy with the end result. The film will be used for environmental education at schools, and we’ll share it with river care groups. It will also be available for everyone to view on our website.

“We hope that it will raise awareness of how precious these rare birds are and how important it is for us to take care of them and improve their habitat.”

Nick says the 2018-19 nesting season was average after a flood in November 2018 wiped out some of the nests.

“We had eight pairs of wrybills with six chicks which means we’re just at maintenance level. The season was better than last year which is positive.”

It was a successful year for the black-billed gull colony with 768 nests counted and an

estimated 450 – 500 chicks surviving after the November flood which saw the colony relocate to a site upstream of the State Highway One bridge.

North Canterbury Zone manager Andrew Arps says he is delighted to see the work of the group being shared with a wider audience.

“The Waimakariri Water Zone Committee is a keen supporter of the amazing work that the ARRG do to protect and enhance the habitat of our rare braided river birds. We will continue to support the work of the group and hope that the film inspires others to get more involved with their local streams and rivers.”

[View the video here.](#)



Waimakariri District Council keen to hear your thoughts

Last year the Waimakariri District Council adopted the 2018-2028 Long Term Plan and is now seeking community feedback on its draft 2019/20 Annual Plan.

The Council has identified five key consultation issues which it would like community feedback on. These include two proposals relating to water.

One is the implementation of the [Zone Implementation Programme Addendum \(ZIPA\)](#) and the other is funding ultra-violet (UV) treatment of water supplies.

The Council is proposing UV treatment for all public drinking water schemes throughout Waimakariri with the cost being shared across all schemes. The alternative option is to rate each scheme individually which would see different rates applied for the schemes.

The Council adopted the ZIPA in December 2018 and will play a role in delivering the initiatives contained in the ZIPA. Three options have been proposed to deliver the initiatives.

The Council's preferred option is to employ a biodiversity officer who would work alongside Environment Canterbury and other agencies. This would mean a rates increase of \$9.48 per average rateable property.

Alternative options include assisting with a limited number of projects per year which sees a rates increase of \$0.30 per average rateable property. The third option is the employment of a biodiversity officer and a water environment advisor which would mean a rates increase of \$27.83 per average rateable property.

[Have your say and learn more.](#)

For more information on the Waimakariri Water Zone Committee or the Canterbury Water Management Strategy, please email North Canterbury Zone Manager [Andrew Arps](#).

For more information visit ecan.govt.nz/water

The Waimakariri Water Zone Committee is a community led committee supported by councils.

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AGENDA ITEM NO: 4	SUBJECT: Pines Beach Wetland and Tūhaitara Coastal Park – Update		
REPORT TO: Waimakariri Water Zone Committee		DATE OF MEETING: 8 April 2019	
REPORT BY: Murray Griffin, CWMS Facilitator – Waimakariri			

PURPOSE

To provide the Water Zone Committee with an update on the Immediate Steps projects at Pines Beach wetland and an update on Tutaepatu lagoon and the management of Tūhaitara Coastal Park.

This update will specifically focus on Pines Beach Wetland stages 3 to 5.

RECOMMENDATION

That the committee:

- Receive this briefing for its information, and
- Consider its ZIPA recommendations and 2019 work programme priorities.

BACKGROUND

Pine Beach Wetland – Project summary

The Pines Beach Wetland area is a relatively large (37 ha) representative example of freshwater wetland habitat, behind dunes on Pegasus Bay coast. The wetland habitat is part of the larger sequence of estuarine and freshwater wetland habitats along the Pegasus Bay coast. The site is distinctive due to the presence of locally rare wetland plants (*Baumea rubiginosa* and *Lepidosperma australe*) and habitat for the nationally endangered bittern. Engineering works and dune stabilization plantings have historically modified the original dune slack wetland hydrology. Native plants are present, but these areas have been reduced to small isolated patches due to the encroachment of exotic weeds.

The proposed project aims to address these issues and restore the wetland area by carrying out site wide control of beggars tick, female grey willow, wilding pines and additional woody weeds. Following this, the cleared and open areas will be restored with native eco sourced plants.

This project is large (37 ha) and there is plenty of scope for additional future restoration work to occur. This project is a natural extension of other restoration projects along the Pegasus Bay coast (primarily, Tutaepatu Lagoon).

There have been 5 stages to this wetland project, with Immediate Steps biodiversity funding from this zone committee contributing to all five stages, as outlined below.

Pines Beach Wetland – Funding of Stages 1 to 5

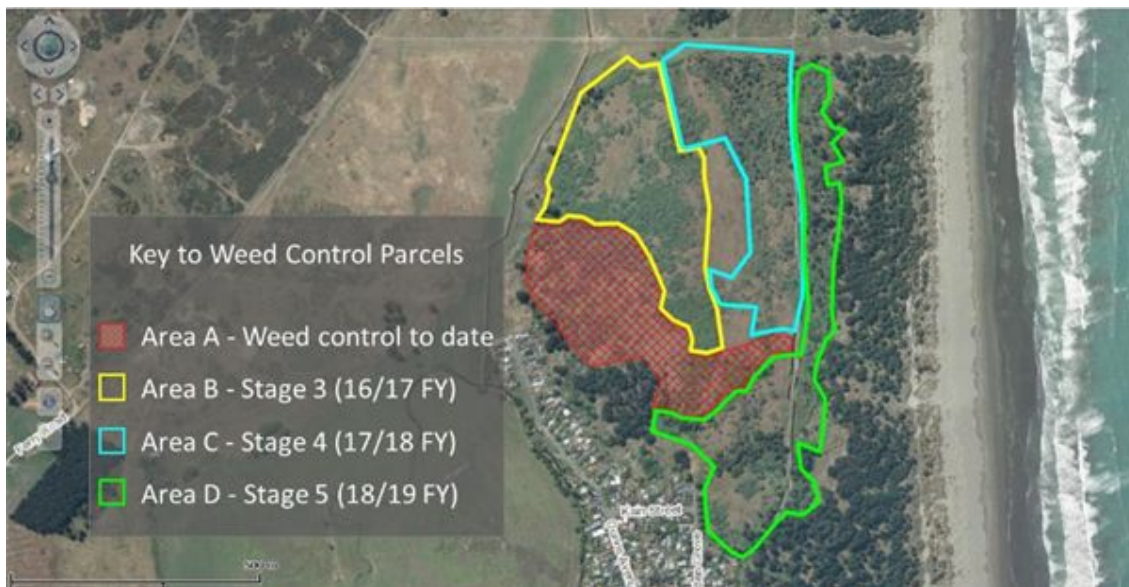
	IMS Funding	Other contributions	Project total
Stage 1 (2015)	\$27,518	\$14,658	\$42,176
Stage 2 (2015/16)	\$10,000	\$5,000	\$15,000

Stage 1 & 2 Total	\$37,518	\$19,658	\$57,176
Stage 3 (2016/17)	\$27,000.00	\$41,000.00	\$40,500.00
Stage 4 (2017/18)	\$25,000.00	\$12,500.00	\$37,500.00
Stage 5 (2017/18)	\$30,000.00	\$27,000.00	\$45,000.00
Stage 3 4 & 5 Total	\$83,000.00	\$41,000.00	\$124,000.00

Pines Beach Wetland – Location Map



Project Stages 3, 4 & 5 – Schedule of Weed Control works



AGENDA ITEM NO: 5	SUBJECT: WDC Implementation of ZIPA – Proposed WDC 'Land and Water' Steering Group
REPORT TO: Waimakariri Water Zone Committee	MEETING DATE: 8 April 2019
REPORT BY: Sophie Allen – Water Environment Advisor, Waimakariri District Council	

PROPOSAL

This agenda item provides details of a draft proposal by Waimakariri District Council staff to create a 'Land and Water' steering group to oversee the implementation of the WDC components of the Zone Implementation Programme Addendum (ZIPA).

RECOMMENDATION

That the zone committee:

Receive this draft proposal from WDC staff for creation of a 'Land and Water' steering group to oversee the implementation of the WDC components of the Zone Implementation Programme Addendum (ZIPA).

Provide feedback on the proposed creation of a 'Land and Water' steering group, including representation of a member of the Waimakariri Water Zone Committee on the steering group.

A report will be presented to WDC Council in June 2019, seeking approval for the creation of a steering group for governance of the WDC work programme for the Zone Implementation Programme Addendum (ZIPA). See Figure 1 for a schematic of the governance structure.

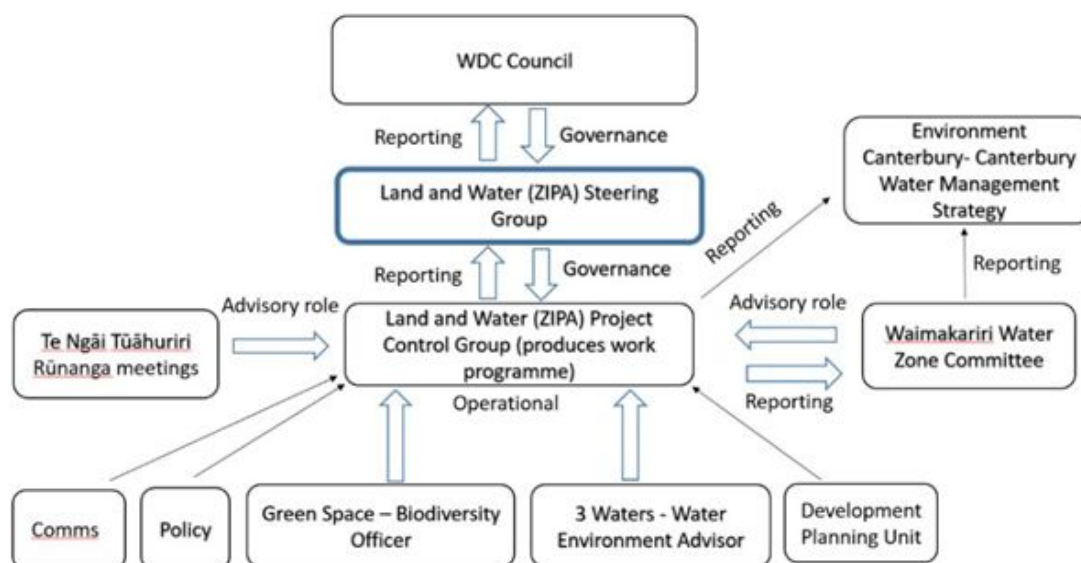


Figure 1: Proposed structure of the 'Land and Water' Steering Group and Project Control Group

The proposed name of the steering group is the 'Land and Water' Steering Group, to align with the 'Waimakariri Land and Water Solutions Programme' – an alternative name adopted by the Waimakariri Water Zone Committee for the ZIPA work stream.

A Project Control Group (PCG) will also be established for operational oversight of the ZIPA work programme, with managerial oversight.

The proposal for the Land and Water Steering Group follows on from a report regarding the Council adoption of the ZIPA and its implementation (WDC reference TRIM 181217148924[v1]). This report proposed freshwater and biodiversity projects, a Biodiversity Officer role and requested \$305,000 per annum funding for 2019/20 and 2020/21. This funding is currently under consultation in the draft 2019/20 WDC Annual Plan.

Representation of the Land and Water Steering Group is recommended to consist of 5-8 members appointed by Council. The Steering Group could be administered through a business support role provided by Utilities and Roading. Members are recommended to be selected from the following roles:

- WDC Mayor
- WDC Councillor with the Canterbury Water Management Strategy portfolio
- A Councillor from the WDC Utilities and Roading Committee
- A Councillor from the WDC Community and Recreation Committee
- Manager of Utilities and Roading, WDC
- Manager of Community and Recreation, WDC
- A Te Ngāi Tūāhuriri Rūnanga representative
- An Environment Canterbury Councillor / staff representative
- Chair of the Land and Water Project Control Group (LWPCG)
- A Waimakariri Water Zone Committee representative

The new governance structure of a steering group is proposed because many ZIPA projects sit across multiple Council departments and committees. This structure also aims to establish a clearer relationship and line of communication for ZIPA Implementation with Environment Canterbury.

Land and Water Steering Group meetings will be open to the public, i.e. with an invitation extended to the public as prescribed in the Local Government Official Information and Meetings Act (1987).

There is a future option for similarly aligned projects and wider biodiversity operations of the WDC Biodiversity Officer to sit under the 'Land and Water' Steering Group under amended Terms of Reference.

AGENDA ITEM NO: 6	SUBJECT: WWZC 2019 Work Programme Priorities – Review	
REPORT TO: Waimakariri Water Zone Committee		MEETING DATE: 8 April 2019
REPORT BY: Murray Griffin – CWMS Facilitator, Waimakariri		

PROPOSAL

Having provided feedback on the ZIPA recommendations, this short workshop will provide the committee with time to review those proposed priorities. The workshop will focus on two areas of discussion:

- 1) A review of the committee feedback on priority ZIPA recommendations contributing to the committee's 2019 work programme.
- 2) An approach to sub-catchment management planning in 2019.

CONTENT

The workshop review will be provided for the committee in advance of the workshop.

RECOMMENDATION

That the Zone Committee:

- **Review and confirm** priorities in the committee's 2019 work programme.
- **Review and confirm** an approach to sub-catchment management planning in 2019.