

Canterbury Water Management Strategy

Waimakariri Zone Committee

Agenda

Monday 19 November 2018

4.00pm

***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)
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 19 NOVEMBER 2018** commencing at **4.00PM**.

Adrienne Smith
Committee Advisor

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

BUSINESS

PAGES

KARAKIA

1 **APOLOGIES**

REGISTER OF INTERESTS

5 - 6

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

CONFIRMATION OF MINUTES

1.1 **Minutes of the Canterbury Water Management Strategy Waimakariri Zone Committee meeting – 8 October 2018**

7 - 11

RECOMMENDATION

THAT the CWMS Waimakariri Zone Committee:

- (a) **Confirms** the minutes of the Canterbury Water Management Strategy Waimakariri Zone Committee meeting, held on 8 October 2018, as a true and accurate record.

MATTERS ARISING

- 2 **COMMITTEE UPDATES** – Zone Committee Members, Murray Griffin,
 (CWMS Facilitator, ECan) 12 - 13
- 2.1 **CWMS Regional Committee working group meeting 9 October 2018** – Carolyn Latham, (Waimakariri Zone Regional Committee Representative) 14 - 15
- 2.2 **Media and Communications – October 2 – 31st Update** – Gina McKenzie (Director – Real Communications) 16 - 17
- 2.3 **Omnibus Plan Change 2019 to the Canterbury Land and Water Regional Plan (LWRP)** – Andrea Richardson (Senior Planner – Environment Canterbury) 18 - 24
- 2.4 **Check Clean Dry Behaviour Change Campaign Update** – Gemma Livingstone (Biosecurity Officer), Environment Canterbury) 25 - 26

RECOMMENDATION

THAT the CWMS Waimakariri Zone Committee:

- (a) **Receive** these updates for its information and regarding the committee's Solutions Programme and community engagement priorities for 2018/2019.

- 3 **Stockwater Race Bylaw Review 1018** – Owen Davies (Drainage Asset Manager, WDC) and Libica Hurley (Technical Administrator, WDC) 27 - 44
- 4 **Waimakariri Final ZIP Addendum – briefing** – Murray Griffin (CWMS Facilitator, Waimakariri), Environment Canterbury 45

RECOMMENDATION

THAT the CWMS Waimakariri Zone Committee:

- (a) **Receive** this update on the feedback received on the Waimakariri Land and Water Solutions Programme Draft ZIP Addendum 2018.
- (b) **Approve** the Waimakariri Land and Water Solutions Programme Final ZIP Addendum 2018, subject to any final amendments agreed by the zone committee, to be presented to the Waimakariri District Council and Environment Canterbury.

5 **GENERAL BUSINESS**

6 **KARAKIA**

7 **NEXT MEETING**

The next meeting of the CWMS Waimakariri Water Zone Committee will be held on Monday 11 February 2019 commencing at 3.00pm.

WAIMAKARIRI ZONE COMMITTEE

Register of Interests – at October 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.
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 - Member: P21 Canterbury Industry Advisory Group
Arapata Reuben	<ul style="list-style-type: none"> 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
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- Director & Shareholder, Loburn Irrigation Co- Trustee, Rugby World Heritage Trust- Ashley Rugby Football Club (Inc.)- Farmer, sheep & cattle, Loburn
Cherie Williams	<ul style="list-style-type: none">- Member: Mana Whenua Working Party- Tangatiaki / Kaitiaki- NZTA Northern and Southern Bypass Rūnanga Representative

**MINUTES FOR THE MEETING OF THE CANTERBURY WATER MANAGEMENT STRATEGY
WAIMAKARIRI ZONE COMMITTEE HELD IN THE RAKAHURI COMMITTEE ROOMS 215 HIGH
STREET, RANGIORA ON MONDAY 10 OCTOBER 2018 AT 3.10PM.**

PRESENT

Grant Edge (Acting Chair), Carolynne Latham, Gary Walton, Michael Blackwell, Claire McKay (Environment Canterbury Councillor), Arapata Reuben (arrived at 3.20pm during item 2) and Sandra Stewart (Councillor, Waimakariri District Council).

IN ATTENDANCE

WDC Councillor Paul Williams, James Ensor (Member Oxford-Ohoka Community Board), Phillip Redmond (Member Kaiapoi-Tuahiwi Community Board), Sophie Allen (Water Environment Advisor, WDC), Owen Davies (Drainage Asset Manager, WDC), Libica Hurley (Technical Administrator, WDC), Meredith Macdonald (Senior Resource Management Planner), Jocelyne Allen (ECan), Gina McKenzie (Real Communications Ltd), Andrew Arps (ECan), Bruce Stokes (Farmer), Michael Bate, (Kaiapoi resident), Murray Griffin (CWMS Facilitator, ECan) and Sarah Nichols (WDC Governance Manager).

1. APOLOGIES

Moved C McKay seconded M Blackwell

That an apology for lateness be received from Arapata Reuben.

That apologies for absence were received and sustained from David Ashby, Judith Roper-Lindsay and Cameron Henderson.

CARRIED

2. REGISTER OF INTERESTS

There were no changes to the Register of Interests.

3. CONFIRMATION OF MINUTES

3.1 Minutes of the Canterbury Water Management Strategy Waimakariri Zone Committee meeting – 10 September 2018

Moved: C Latham Seconded: G Walton

That The CWMS Waimakariri Zone Committee:

- (a) **Confirms** the minutes of the Canterbury Water Management Strategy Waimakariri Zone Committee meeting, held on 10 September 2018, as a true and accurate record.

CARRIED

MATTERS ARISING

S Stewart queried when the Committee could expect the report related to R Johnston's property on the banks of the Ashley River that had been raised at previous meetings. C McKay advised the report was currently being reviewed by ECan staff.

M Blackwell queried an update related to the Pines Beach meeting with K Simpson (WDC). S Stewart and Councillor P Williams (WDC) advised the matter was in hand and sorted.

M Blackwell queried the Lineside Road paddocks. It was advised that Sicon had started a work assessment and drone footage was being taken of the area. General discussion occurred. G Edge requested the 3Waters team investigate and report back to the Committee.

G Edge enquired of C McKay on the alternative economic outlook for diversification. C McKay advised this project was market led, and not ECan led, noting that Lincoln University were undertaking some work in this area.

A Reuben arrived at 3.20pm.

4. COMMITTEE UPDATES – ZONE COMMITTEE MEMBERS, MURRAY GRIFFIN, (CWMS FACILITATOR, ECAN)

4.1 CWMS Regional Committee working group meeting 11 September 2018 – Carolyn Latham, (Waimakariri Zone Regional Committee Representative)

M Griffin clarified with C Latham there were no additional updates to add to her report.

G Edge asked for an explanation of the Fit for Future projects with a focus on the targets. C Latham explained there were six task groups and noted that the task group for Regional and National Economic indicators target areas had not yet met to discuss this issue, although some of other groups had discussed economic issues. She commented on a spreadsheet of potential targets for 2025 and the group being asked for input.

C McKay explained much of the work for the economic target area was related to economic contributions from water management, employment and other values associated with water in Canterbury. It was difficult to get the right people together on this task.

C Latham said the Zone Committee would have input/feedback later (currently the work was at a very preliminary stage). C McKay confirmed the project organisers appreciated both the Waimakariri and OTOP zone committees would have limited capacity to provide feedback at this early stage of the project, because of current workloads focused on their respective ZIP Addendums. M Griffin explained there will be a second round of feedback for this project and the Zone Committee would input during that phase. G Edge asked for information to be circulated to the Committee.

G Edge noted the targets for irrigated land. C Latham provided an update on recent discussions regarding year 2040 targets and noted more discussion would occur at tomorrow's Regional Committee meeting.

4.2 Media and Communications – September 6 – October 1 Update – Gina McKenzie (Director – Real Communications)

M Griffin introduced the information, commenting on feedback received at the Ohoka Market, where people had taken documents and discussed the information with committee members and support staff. G McKenzie noted there are more articles to come, which will be accessible on the ECan website, local news and the Council. She also confirmed the Irrigation NZ magazine was being trialed for disseminating information.

S Stewart asked about articles published and what has come from community interest rather than by ECan communications. She remarked that many of these articles are PR rather than legitimate information. G McKenzie commented on her monthly meetings with local newspapers and their discretion on what they chose to publish. S Stewart asked if in future reports it could be differentiated on what was PR information from ECan and what was legitimate news generated by newspapers themselves. G McKenzie confirmed that request could be accommodated in the future.

C Latham asked S Stewart why this distinction matters. S Stewart responded that it is useful to know what is generated by community concern rather than PR. General discussion occurred. C McKay commented on the importance of education.

Moved: C McKay Seconded: M Blackwell

THAT the CWMS Waimakariri Zone Committee:

- (a) **Receive** these updates for its information and regard to the committee's 5 Year Outcomes and community engagement priorities.

CARRIED

5. PROPOSED STOCK WATER RACE CLOSURES - Owen Davies (Drainage Asset Manager, WDC) AND LIBICA HURLEY (TECHNICAL ADMINISTRATOR, WDC)

O Davies advised the Committee of recent applications received by the Waimakariri District Council to close Council owned stock water races R8-1 and R3Q-5. He provided a general overview and outlined reasoning for recommending closure, including effects on neighbouring properties.

C Latham queried para 5.5 and 5.6 of the report asking for an explanation in the increase of WDC water race closures.

O Davies spoke on water race effects on the region and changes to the way ground water operates in the District. He spoke of the Managed Aquifer Recharge trial occurring currently and effects on ground water take levels, believing it would have minimal effect. Staff advised that there are approximately 835km of water race in the Waimakariri District, of which there are areas not closed but re-routed around paddocks for pivot irrigators. Short lengths of water race may close and potentially even out the situation, however it does not mean that overall WDC are reducing water races. O Davies spoke of self-funding and how the Council is protective of the water race system, which he does not envisage will be closed any time soon.

C McKay asked that given the value of water races is the WDC looking at rating on the overall area. O Davies advised the Council were looking at wider benefits for bio-diversity, however the matter had not been considered in depth by Council at this time. O Davies spoke of the relevance that the resource consent allows use for stock water, electricity generation and irrigation. At present WDC do not have the right to use water races as a supply to recharge water. O Davies cautioned getting into a robbing Peter to pay Paul scenario. The WDC will have further discussions in the future.

G Edge tabled a question from J Roper-Lindsay in her absence related to assessment methods. O Davies advised that staff had yet to look closely at ecological values and noted the difficulty of assessment given some water races do not have water for most of the year. Ecological value is minimal in many cases and the matter could be looked at more closely in the future. G Edge referred to one example in the report and wondered if more discussion on Farm Environment Plans (FEPs) and assessment prior to closure could occur to help farmers under their FEPs. He referred to photos 4 and 5. O Davies commented it may have been a secondary stormwater drain at the time. Photo 1 of gum trees was commented on in regard to ecological/biological areas and removal of the race. G Edge commented that this example may not comply with the WDC Water Race Policy but it may have broader ecological benefits. O Davies commented there is no mechanism at present for that to happen and more investigation and discussion would be required. The matter could potentially be discussed in the future as a Council debate.

C Latham sought clarification on the decision sought from the zone committee. Staff advised the final decision is with the WDC Utilities & Roading Committee, which would receive a report prior to Christmas.

C Latham mentioned draft ZIPA feedback received about ECan/WDC bringing closures to the Committee for input prior to final decision and this aspect should be strengthened. O Davies advised that matter needed to be debated at Council level.

A Reuben advised the Rūnanga were supportive of this race closure and have provided feedback on the proviso that native species are removed prior to the closure.

G Walton believed closure of the water race made sense in this situation, given the pivot irrigator path. He commented that the farmer does not need the race as they have alternative solutions for stock. C Latham reiterated the ZIPA feedback shared.

S Stewart stated it is timely that this Water Zone Committee asked the Council for a report on the matter.

Moved: S Stewart Seconded: G Edge

- (a) **That** the Canterbury Water management Strategy Waimakariri Zone Committee requests Waimakariri District Council to prepare a wider strategy for water race closures, looking at benefits of ecological and biological and reasoning. The report is to include firefighting capacity of closure impacts.

CARRIED

6. WAIMAKARIRI LAND AND WATER SOLUTIONS PROGRAMME - DRAFT ZIP ADDENDUM – ENGAGEMENT FORUM – MEREDITH MACDONALD (SENIOR RESOURCE MANAGEMENT PLANNER) AND MURRAY GRIFFIN (CWMS ZONE FACILITATOR)

M Macdonald provided an update on the consultation process. There had been seven sessions at various venues, involving a combination of day and evening sessions. In Kaiapoi 30 people were present, whilst the Pegasus session received a low turn-out. There were seven groups attending one Rangiora session with the morning session being full. Oxford had the best turnout with 20 people present in the morning, and 40 people attending the evening session. Belfast had only single numbers of attendees. At the Ohoka Market 35 people attended the first session and 45 people were present during the second session and provided great feedback. The Ohoka Market had been a positive engagement with people commenting on a range of issues including fencing, seeking an understanding of what to do, when and how.

G Edge acknowledged the work of ECan staff during the consultation process. The last session was being held this Thursday 7-9pm at Rosburn, Rangiora.

M Bates spoke briefly, expressing his concern about minimum flows and the timeframes. He believed that the timeframes needed to be brought forward. He commented on the diminishing fish life he had observed and that the Waimakariri River aspect has to be factored in to assist the Kaiapoi River proposals. M Bates also expressed concern that the Ashley flow is too low at the Gorge. He commented on the declined in wetland areas and the benefits that wetlands can bring for wildlife. M Bates posed the question of what are we trying to solve.

G Edge suggested M Bates put his views in writing and the Committee will review all the feedback. The comments were noted by staff.

Moved: C Latham Seconded: M Blackwell

THAT the CWMS Waimakariri Zone Committee:

- (a) **Receive** this update and feedback as part of the community engagement on the Waimakariri Land and Water Solutions Programme Draft ZIP Addendum 2018.

CARRIED

7. **GENERAL BUSINESS**

C Latham commented on a newspaper extract related to herbicide trials (*Weedex*) and a desire for WDC to investigate the matters further.

8. **NEXT MEETING**

The next meeting of the CWMS Waimakariri Water Zone Committee will be held on Monday 19 November 2018 at 4.00pm.

There being no further business, the meeting closed at 4.15pm.

CONFIRMED

Chairman

Date

AGENDA ITEM NO: 2	SUBJECT: Committee Updates
REPORT TO: Waimakariri Water Zone Committee	MEETING DATE: 19 November 2018
REPORT BY: Murray Griffin, CWMS Facilitator – Waimakariri, Environment Canterbury	

PROPOSAL

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

RECOMMENDATIONS

- The Zone Committee is asked to receive these updates for its information and regarding the committee's Solutions Programme and community engagement priorities for 2018/19.

COMMITTEE UPDATES

The following updates are tabled for the committee:

1. CWMS Regional Committee – update

The last Regional Committee meeting was held on Tuesday 9 October.

- Carolyn Latham, the Zone Committee's CWMS Regional Committee representative, has provided notes on the 9 October meeting which is provided as **agenda item 2-1**. The next Regional Committee meeting will be on Tuesday 11 December.
- 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. Waimakariri Zone Delivery – Update

North Canterbury Zone Delivery Manager, Andrew Arps, will provide a short update on Zone Delivery.

- The October media and communications report is provided by Gina McKenzie as **agenda item 2-2**.

3. Omnibus Plan Change 2019 – update

A paper is provided as **agenda item 2-3** to update the Zone Committee on progress with the Omnibus 2019 plan change to the Canterbury Land and Water Regional Plan (LWRP), which will be publicly notified in mid-2019.

4. Environment Canterbury – Reporting on our progress

A new Reporting Back section is now live on Environment Canterbury's website, providing a new way of reporting performance back to the community.

The Reporting Back webpages highlight metrics which are meaningful and valuable to our community. The project uses our data to tell the story of where we have come from, what has been done, what has and hasn't worked, and what progress is being made.

Reporting Back has been developed in response to a call from council and our community to tell our story in a more straightforward way and is intended for a more general audience than our statutory annual reporting.

What's being reported?

A few key areas of activity have been picked out for now. There will be other measures that could be added, and we welcome feedback both on what is there and on what you think should be there. There are also several measures which were considered and haven't been added because of unavailability of the data.

The intention has been that this project complements existing data reporting and where possible, the updates link in to operational reporting cycles. Each page will be updated quarterly, six monthly or annually, depending on its dataset.

ECan Reporting Back link: <https://www.ecan.govt.nz/reporting-back>

5. Check Clean Dry Behaviour Change Campaign – Update

Please refer to **agenda item 2-4** for a paper on the Clean Check Dry (CCD) Behaviour Change Campaign, provided by ECan Biosecurity Officer, Gemma Livingstone.

6. CWMS Fit for Future Project

A briefing on this project will be provided for the committee at its 10 December meeting. In the interim the following update has been provided by the CWMS Fit for Future project team:

- To help the Committee discuss and provide feedback on the Fit for Future (FFF) Goals, the CWMS project team has conducted an initial review of the Waimakariri draft ZIPA's alignment with FFF goals. The ZIPA's recommendations align with the FFF goals. The Waimakariri ZIPA has identified some very clear actions which will flow through the FFF Work Programmes being drafted now. Results of the review will be presented at next month's meeting for the Committee to discuss in detail.

CWMS Regional Committee Meeting

9th October 2018

1. Zone Committee Updates:

Christchurch/West Melton – \$70,000 of Immediate Steps funding has been committed so far. The ZC were involved with a Stormwater Superhero event recently as part of a family day with 20,000 people attending, and received a positive response to messages such as motorists asking for copper free brake pads.

Waimakariri ZC – Update on ZIPA process to date and recent public consultation.

Kaikoura ZC – MPI provided \$600,000 funding for post-earthquake studies on the Kaikoura plains to help farmers recover from the impacts. Funding will still be needed for actions on the ground. Lyall Creek and earthquake recovery still the main focus.

Selwyn/Te Waihora – Youth from the district are attending the December zone committee meeting to provide their views as part of empowering youth. A sub-committee has formed to develop a “Road map to a healthy Waikirikiri River” publication for education purposes. A booklet on Maori terms will also be available in due course.

Hurunui/Waiāu – Waiāu-Uwha river bed definition work on-going. The ZIPA has been submitted to Ecan for approval. The targeted recommendations provide a solution for the 10% rule that caught low impact dryland farmers.

Banks Peninsula – The five year priority plan from the ZIP is now ready to action. The ZC are seeking to have a more formal process of engagement with Christchurch City Council.

Ashburton – A second MAR site is now underway to support flow in the upper South Hinds River with Rangitata River water via the Rangitata Diversion race. The zone now has two large MAR sites and 12 small on-farm MAR sites. Stepped up minimum flows for the Ashburton River in the current Plan may not be achievable, despite restrictions on abstractors. The Ashburton River modelling is now indicating that increasing flows will result in a 40-70% reduction in irrigation water reliability. Investigations are on-going and consent reviews have been put on hold in the meantime.

Upper Waitaki – On-going work to align agencies in the Mackenzie Basin. Freedom campers are a big issue and are affecting water quality. Most of the camping sites are DOC controlled. A poster series has been done for specific parts of the zone.

Lower Waitaki – Currently focussing on biodiversity and in particular grey scrub and its role in the environment.

OTOP – At a similar stage as Waimakariri in the sub-regional plan process.

3. CWMS Fit for the Future Project – All six groups have now met. Zone committees have provided input into the draft ideas, but not OTOP and Waimakariri ZC who have been busy with their draft ZIPA's. A database of feedback has been created, summarised in the spreadsheet in the agenda. This is effectively the end of round 1 of consultation and round 2 is about to commence. There will be further consultation with Zone committees once possible 2025/2030 targets have been further refined, and measures, actions and resources will also be considered.

4. FEP's & Audits Presentation – Progress is very encouraging. FEP's are just part of a package of tools to achieve water outcomes eg nutrient budgets, GMP, audits, consents, rules, and industry and Ecan support. They are a means to an end, not the end game which is the outcomes desired. There are currently 19 certified auditors and 2 getting qualified. About 30 are required. A field assessment is done with each auditor annually. Ecan are working on managing audit data better so that information can be published that supports what is being achieved. Some of the irrigation schemes have now had two audits and grades are improving. The use of a Cultural Land Advisor has also made a significant difference to raising awareness of how to include mahinga kai values in FEP's. The committee considered a letter from the chair of OTOP expressing concern about biodiversity potentially being a key missing component in FEP's. It was noted that biodiversity is an optional section in an FEP, but the compulsory sections cover riparian biodiversity and biodiversity identified

on a district plan, and farm resource plans also picked up on some biodiversity values. However this does still leave some gaps and the committee didn't reach a conclusion on how this could best be dealt with. Further clarification has been sought from OTOP, and advice from Ecan, regarding the matter.

5. DOC Update – DOC are working closely with Ecan on many fronts within the CWMS, at a ZC level and within various projects and groups. Feedback is also being provided for the Waimakariri and OTOP draft ZIPA's. The Ashburton Lakes report presentation is being made to the ZC in November.

6. General – A zone committee refresh is currently underway except for Waimakariri and the Regional Committee which are proposed to be done in April/May 2019.

7. Location of Agenda Papers:

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

Carolyn Latham
Waimakariri Water Zone Committee RC Rep

Waimakariri Zone Committee Media and Communications Report -October 2nd -31st October

Newsletters sent

- October 10th - sent out monthly newsletter to 1000+ subscribers

Articles provided to media

- Opinion piece from Dave – encouraging people to attend community engagement meetings
- News article on infiltration trial (joint ECan/WIL project) with photos

Articles published

- **October 4th - North Canterbury News -Dave's opinion piece – encouraging people to attend community engagement meetings regarding the ZIPA draft recommendations.
- October 4th – North Canterbury News – Tuhaitara planting day
- October 11th – North Canterbury News - Ngai Tahu Farming – environmental management (suggested to David Hill at monthly meeting following recent presentation at zone committee meeting)
- October 12th – Northern Outlook – Free text service for farmers suffering from mental health issues (1737)
- October 18th – North Canterbury News – Tuihaitara Open Day – pine tree felling and native planting
- ** October 18th – North Canterbury News – article on WIL/ECan/NIWA infiltration trial and Silverstream
- **October 24th – Northern Outlook – “Infiltration trial could help solve nitrate issues” – as above
- October 25th – North Canterbury News – “Need for Urgency Stressed at Recent Meeting” – report from Shelley Topp on the feedback session held at Rossburn Receptions – on-the ground actions discussed by Grant Edge, feedback from the public on the fairness of GMP and plan change 5, along with feedback from recreational users on river flows and quality.
- October 25th – North Canterbury News – Nitrate leaching workshop for Hurunui (Forages for Reduced Nitrate Leaching Group) – could be good to follow up with the organiser to see if something similar could work in Waimakariri
- October 31st – Northern Outlook – “Ngai Tahu to milk 14 000 cows” – This will occur after they fell the remaining area of Eyrewell Forest. However, consent has not been approved to convert further areas of Balmoral Forest due to nutrient and water issues.

Upcoming articles

- Denitrification wall trial at Silverstream with ESR and monitoring wells
- Profile on Victoria Trainer/next generation farmers group
- Article on Morriss wetland planting (retired farmland)
- Opinion piece/update on ZIPA draft/final version progress

Videos

- On the ground actions at Silverstream

Current cinema advertisement

- ARRG – take care on the Ashley/Rakahuri River during nesting season. Raising awareness of the unique braided river birds living along the Ashley/Rakahuri River.

AGENDA ITEM NO: 2-3	SUBJECT MATTER: OMNIBUS PLAN CHANGE 2019
REPORT: Waimakariri Water Zone Committee	DATE OF MEETING: 19 November 2018
REPORT BY: Andrea Richardson, Senior Planner – Environment Canterbury	

PURPOSE

1. To update the Zone Committee on progress with the Omnibus 2019 plan change to the Canterbury Land and Water Regional Plan (*LWRP*), which will be publicly notified in mid-2019.

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 defining and managing braided river environments, indigenous freshwater fish and macroinvertebrates, National Policy Statement for Freshwater Management amendments, better provision for tangata whenua values in rules, and farming land use provisions for commercial vegetable growers. The plan change also includes Hinds Drains Working Party recommendations for the Ashburton sub-region.
3. Key milestones for the Omnibus 2019 plan change include consultation on the draft plan in early April 2019 (i.e. Schedule 1 consultation), public notification of the proposed plan change in mid-2019, a public hearing on submissions on the plan change in the second quarter of 2020 and a decision to be notified by mid-2021.

A NEW TOPIC – MANAGED AQUIFER RECHARGE

4. Council has recently added a new topic, Managed Aquifer Recharge, to the Omnibus 2019 plan change. This topic will assess the environmental benefits of Managed Aquifer Recharge to assist with improvements to water quality and quantity and appropriate plan provisions (such as water filtering through soils and no mixing of waters) to manage the activity.

UPDATE ON PROGRESS

5. Research into each plan change topic and development of potential planning solutions is occurring at slightly different paces as each topic is generally distinct from the others (as is the nature of 'omnibus' plan changes). Attachment 1 of this report provides a brief overview of each plan change topic and an update on progress.
6. Environment Canterbury will provide the Zone Committee with another progress update on Omnibus 2019 in the first quarter of 2019.

COUNCILLOR FEEDBACK ON ADDITIONAL TOPICS

7. Earlier this year, we sought feedback from all CWMS Zone Committees, Ngā Runanga, and some key stakeholders on the proposed topics for Omnibus 2019, and whether there were any other regionally significant topics that should be included in this plan change. Based on this feedback, Environment Canterbury's Councillors have evaluated which regionally significant topics should be included in the plan change.
8. Although the Councillors recognised the resource management importance of the additional topics sought, none were added to the Omnibus 2019 work programme. The reasons for this include, some topics are being addressed through more appropriate non-statutory measures; and some topics are recommended for inclusion in a future Environment Canterbury work programme but not in Omnibus 2019 plan change. The additional topics sought and the reasons for their non-inclusion in Omnibus 2019 in outlined in Attachment 2.

Attachment 1: Update on Omnibus 2019 topics

Topic	Progress Update
<p>Braided Rivers</p> <p>Environment Canterbury is working on a project to understand the various values in braided rivers, and to address issues for braided rivers, including uncertainty over the spatial extent of the river bed due to their dynamic nature, and increasing constriction of braided rivers due to activities such as land use intensification and flood control infrastructure. Braided river values include cultural values, terrestrial and aquatic ecology values, landscape values, recreational values and natural character values.</p> <p>In order to ensure braided rivers are appropriately managed we are seeking to:</p> <ul style="list-style-type: none"> • Provide clarity on the spatial extent of the “river bed” in braided rivers; and • Review and potentially amend the current plan provisions to better manage the adverse effects of activities that may impact on the multiple values in braided rivers. 	<p>A detailed progress update on the braided rivers topic is outlined in a separate Zone Committee paper.</p> <p>In brief, Environment Canterbury met with a wide range of people at four river reaches across Canterbury to listen to views on determining the spatial extent of braided rivers and the values needing to be managed. We are now working on mapping the spatial extent of braided rivers and developing options for provisions to ensure the values are appropriately to be managed. Mahaanui Kurataiao (iwi entity) is commissioned to write a report on the cultural values of Canterbury’s braided rivers. Reports on terrestrial and aquatic ecology values, recreational values and riverscape/natural character values at four river reaches have also been commissioned.</p>
<p>Improvements to rules to address Tangata Whenua values</p> <p>A number of controlled and restricted discretionary rules in the Canterbury Land and Water Regional Plan (LWRP) 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>Environment Canterbury has commissioned Mahaanui Kurataiao (iwi entity) to review the proposed rule amendments, to identify the tangata whenua value(s) that cannot be considered but may be affected by the activity covered by the rule, and to advise whether the phrase ‘effects on tangata whenua values’ as a matter for discretion or control could be further refined to give more guidance to plan users.</p>
<p>Increased protection of indigenous freshwater species and habitats</p> <p>This topic is associated with Environment Canterbury’s strategic priority for a step change in indigenous biodiversity to meet community aspirations in managing our</p>	<p>Environment Canterbury is working with Department of Conservation on the development of the technical report to</p>

Topic	Progress Update
<p>environment. The Omnibus 2019 plan change seeks to increase protection of indigenous freshwater species and their habitats, including critically endangered species and valuable but declining mahinga kai.</p> <p>In addition, proposed amendments will seek to address the incremental loss of instream habitat quality and quantity that may occur through diversion, re-alignment, piping and reclamation of wetlands and streams.</p>	<p>support this topic. We are at the stage of assessing the potential planning mechanisms.</p> <p>Environment Canterbury staff have met with Mahaanui Kurataiao (iwi entity) to discuss the commissioning of a cultural report for this topic.</p>
<p>Salmon Spawning Sites</p> <p>This topic assesses the addition of potential new salmon spawning sites in addition to those already listed in Schedule 17 of the LWRP.</p>	<p>Environment Canterbury is working with Fish and Game to identify new salmon spawning sites, along with a technical report to outline the reasoning for their proposed inclusion (or otherwise).</p>
<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 freshwater management units and limits to achieve freshwater outcomes in accordance with a National Objectives Framework. The Omnibus 2019 plan change will give effect, as far as practicable, to these amendments.</p>	<p>Technical work is underway by Environment Canterbury's Science team to incorporate these changes into the LWRP.</p> <p>A report on defining Freshwater Management Units at a region-wide scale has been commissioned to inform the scope of any changes.</p>
<p>Commercial Horticultural operations</p> <p>This plan change investigates options to better provide for the management of nutrient discharges from commercial vegetable operations. Crop rotation and lease-hold arrangements are typically undertaken by commercial horticultural growers to avoid soil-borne diseases. 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.</p>	<p>Environment Canterbury is working with HortNZ and a 'commercial horticultural grower' working group to quantify the issue and develop potential planning solutions.</p>

Topic	Progress Update
<p>National Environmental Standards for Plantation Forestry</p> <p>The National Environmental Standards for Plantation Forestry (NES-PF) came into effect on 1 May 2018 and prevails over LWRP rules except where the NES-PF specifically allows more stringent regional plan rules. The NES-PF objective is to have a single set of regulations that apply to plantation forestry operators.</p>	<p>Environment Canterbury staff have had a workshop with members of the forestry industry to discuss the application of the NES-PF in relation to the Land and Water Regional Plan.</p> <p>Environment Canterbury is engaging with Ministry for Primary Industries on potential amendments to the LWRP provisions to remove duplication/conflict and to ensure the more stringent requirements in the plan (for example suspended sediment discharges) continue to apply to plantation forestry industry activities.</p>
<p>Hinds Drains Working Party Recommendations</p> <p>This plan change will amend provisions in Section 13 (Ashburton) to give effect to the Hinds Drains Working Party's recommendations to manage water quantity in Hinds. The recommendations were provided to Environment Canterbury in 2016, endorsed by the Ashburton Zone Committee. The topics include:</p> <ul style="list-style-type: none"> - Setting a minimum flow and allocation regime for Eiffelton Irrigation Scheme Drains. - Reducing the Hinds River allocation limit for environmental benefit - Changing well interference criteria to better enable switching to deep groundwater - New provisions for groundwater takes in a defined 'coastal strip' due to difficulties accessing deep groundwater - Applying stock exclusion provisions to Main and Secondary Hinds Drains, regardless of whether there is water in these drains. 	<p>Environment Canterbury is engaging with the Hinds Drains Working Party and the Ashburton Zone Committee on this topic.</p> <p>The technical work to support the Hinds Drains Working Party's recommendations is nearing completion. As cultural assessments were undertaken during the development of the recommendations, no additional cultural assessment is sought.</p>
<p>Managed Aquifer Recharge</p> <p>This topic will assess the environmental benefits of Managed Aquifer Recharge to assist with improvements to water quality and quantity.</p>	<p>Environment Canterbury has commissioned a report to assess the current provisions in the Land and Water Plan and provide high-level region-wide planning options. The requirement of further science and planning assessments will be considered when the planning options report is finalised.</p>

Attachment 2: Councillor Feedback on Additional Topics Sought

Stakeholder	Additional topic requested for Omnibus 2019	Councillor Feedback
Lower Waitaki South Coastal Canterbury Zone Committee	Protection of Grey Scrub (small-leaved, highly branched shrubs such as matagouri, mingimingi and olearias)	<ul style="list-style-type: none"> • Opportunity for Environment Canterbury to raise biodiversity concerns with TAs • Biodiversity project in the Lower Waitaki with focus on protecting grey scrub communities could be expanded to other areas of Canterbury. This is considered a more appropriate mechanism than Omnibus 2019 plan change
Lower Waitaki South Coastal Canterbury Zone Committee	Water Conservation Order for Wainono Lagoon	<ul style="list-style-type: none"> • An application for a water conservation order must be made to the Minister for the Environment rather than the Regional Council, and therefore cannot be progressed through Omnibus 2019 plan change
Lower Waitaki South Coastal Canterbury Zone Committee	Control of the whitebait fishery to halt declining population	<ul style="list-style-type: none"> • The functions of regional councils under the Resource Management Act do not include regulation of fisheries resources. However, the LWRP does have provisions in place and in development (through Omnibus 2019) to protect fishery habitat • LWRP currently has policies and rules to protect inanga spawning habitat. • Protection of habitat of other whitebait species (banded kokopu, giant kokopu, shortjaw kokopu and koaro) may be delivered through the Omnibus 2019 topic which seeks to increase habitat protection of indigenous freshwater species.
Ashburton Zone Committee	Region-wide definition of 'good management practice'	<ul style="list-style-type: none"> • Significant resource, budget, implementation and communications implications make this a medium to long term planning goal, but not suitable for Omnibus 2019 plan change. • There are environmental benefits that could be achieved through supporting stakeholder implementation of the existing framework in Selwyn and Hinds sub-regional sections of LWRP
Kaikoura Zone Committee	Sediment control/management in braided river catchments in Hurunui/Waiau and Kaikōura Zones due to Kaikoura earthquakes	<ul style="list-style-type: none"> • Environment Canterbury will continue to work with Kaikoura District Council to support recovery efforts. This is a more appropriate mechanism rather than Omnibus 2019 plan change
Kaikoura Zone Committee	Provide increased predator control	<ul style="list-style-type: none"> • Implementation of the Canterbury Regional Pest Management Plan is the most effective tool to deliver on this objective

Stakeholder	Additional topic requested for Omnibus 2019	Councilor Feedback
		<ul style="list-style-type: none"> • Not possible to include in Omnibus 2019 plan change (not legislated by RMA)
Regional Committee	Farm Environment Plans (LWRP Schedule 7) to include the management of indigenous biodiversity, ecosystems and habitats.	<ul style="list-style-type: none"> • LWRP Schedule 7: Farm Environment Plan already requires landowners to identify sites of “significant indigenous biodiversity” in their FEPs. • Environment Canterbury will continue to work with district councils to identify ‘significant indigenous biodiversity’ in their district plans and develop appropriate controls to preserve these sites. This is a more appropriate mechanism rather than Omnibus 2019 plan change
Fish & Game (Central South Island and North Canterbury)	Rule 5.62 LWRP (nutrient discharges for irrigation schemes and principal water suppliers) - Notification restrictions and nutrient loss conditions	<ul style="list-style-type: none"> • Risk that removal of notification restrictions may deter schemes from applying for global discharge consents or may encourage schemes to apply for a higher nutrient load • Risk that amending Rule 5.62 so soon after Plan Change 5 LWRP is settled will distract from its implementation
Fish & Game (Central South Island and North Canterbury)	Identification of ‘outstanding freshwater bodies’ in LWRP.	<ul style="list-style-type: none"> • Due to resourcing requirements to undertake this work, it is recommended for inclusion in a future Environment Canterbury work programme but not in Omnibus 2019 plan change.
Canterbury District Health Board	Priority for water permits to take groundwater for community drinking water supplies	<ul style="list-style-type: none"> • Any amendments to LWRP drinking water supply provisions should await the outcome of the Three Waters Review. Therefore, do not include in Omnibus 2019.
Canterbury District Health Board	Adverse effects of district heating and cooling systems on drinking water quality	<ul style="list-style-type: none"> • Do not include in Omnibus 2019 plan change due to lack of information to support this concern (or otherwise)

AGENDA ITEM NO: 2-4	SUBJECT: Check Clean Dry Behaviour Change Campaign Update	
REPORT TO: Waimakariri Water Zone Committee		DATE OF MEETING: 19 November 2018
REPORT BY: Gemma Livingstone (Biosecurity Officer), Environment Canterbury		

Purpose

To seek support and input from the zone committee on the Clean Check Dry (CCD) Behaviour Change Campaign.

Background

Freshwater plant and animal pests can have significant negative impacts on ecosystem health by reducing indigenous biodiversity through predation and competition, and destabilising aquatic habitats. Freshwater plant pests can cause economic losses through blocking water intakes for hydroelectricity generation, impeded drainage or irrigation. In addition, pests can affect the suitability for recreational activities and discredit our Tourism “clean green” branding.

Once freshwater pests become established, they are difficult and costly to control. Unlike many terrestrial and marine systems, freshwater systems do not form spatially interconnected habitats and can be viewed as ‘islands in a terrestrial sea’. Transfer of pest species between water bodies is predominantly human-mediated. This means we have a real opportunity to stop the spread of freshwater pests into our lakes and rivers, and therefore the impacts.

Check Clean Dry Behaviour Change Campaign

- A social marketing campaign established in 2005 in response to didymo incursion in 2004.
- Original purpose of the campaign was to limit the spread of didymo while further research on the organism could be undertaken.
- Later recognised that many initiatives in CCD campaign would be effective for other invasive freshwater pests – focus of campaign extended to include other freshwater pests in 2011. E.g., Egeria, lagarosiphon, hornwort, pest fish
- Relies heavily on communications and marketing initiatives including signage and face to face advocacy in peak season at waterways.
- The goal - for public and industry to actively implement CCD when moving between waterways to prevent freshwater pests spreading

Recommendation

Zone committee members:

- adopt CCD behaviour when moving gear, stock and equipment between waterways and encourage others to do the same – particularly contractors who may not be aware of the requirement.
- suggest appropriate locals that might be willing to become CCD champions or advocates (voluntary or paid)

- provide ideas of what we could do better locally with the CCD Behaviour Change campaign, so we can progress forward.
- let Environment Canterbury know if there is any unusual freshwater animals or plants are spotted.

WAIMAKARIRI DISTRICT COUNCIL

MEMO

FILE NO AND TRIM NO: BYL-35-01 / 181108131730

DATE: 19 November 2018

MEMO TO: Waimakariri Water Zone Committee

FROM: Owen Davies (Drainage Asset Manager)
Libica Hurley (Technical Administrator)

SUBJECT: Stockwater Race Bylaw Review 2018

1. Purpose

1.1. The purpose of this memo is to;

- a) inform the Waimakariri Water Zone Committee of the proposed changes to the Stock Water Race Bylaw 2007 as part of the current review
- b) seek feedback from the Waimakariri Water Zone Committee in relation to the proposed changes
- c) inform the Waimakariri Water Zone Committee of the process for adoption of these changes

1.2. The current Stockwater Race Bylaw 2007 was established under the Local Government Act (LGA) 2002. It is consistent with Section 146(i), for the purpose of managing, regulating against or protecting from, damage, misuse, or loss associated with water races.

1.3. LGA Section 159 states that bylaws made under the Act must undergo a review within 10 years of the date the bylaw was last reviewed, as required by Section 158. Under Section 160A any bylaw not reviewed within this time frame will be revoked 2 years after the date on which the review was due. Therefore this bylaw will be revoked on 05 June 2019 if not reviewed prior to this date.

1.4. The proposed changes to the Stock Water Race Bylaw have been assessed as minor by Waimakariri District Council Staff under LGA Section 156(2)(a). Public consultation is not required by way of a Special Consultative Procedure (SCP).

Attachments:

- i. Proposed Stock Water Race Bylaw including tracked changes (181108131735)
- ii. WIL Feedback Table (181108131735)

2. Proposed Changes to the Current Bylaw

2.1. Date Changes

The content of the 2007 bylaw includes dates which require to be updated. Section 14 has also been updated to reflect the day on which the proposed bylaw revision is to come into effect.

2.2. Reference Updates

Section 3.2 of the Stock Water Race Bylaw 2007 makes reference to the Natural Resources Regional Plan. This plan has since been replaced by the Regional Land and Water Plan, and the proposed bylaw revision has been updated to reflect this.

2.3. Minor Clarifications

2.3.1. Stock Access

Section 3.4.4 has been revised to clarify what constitutes '*lingering*'. Activities that cause or contribute to nuisance, such as bank damage are identified in this Section. Section 3.4.4 is proposed as follows, additional wording added is underlined.

Any animals to linger in a water race or cause or contribute to nuisance, such as bank damage. Drinking stations outside the race are the preferred method to avoid damage to the water race.

It is noted that neither the Land and Water Regional Plan or the Draft Zone Implementation Programme Addendum (ZIPA) require all water races to be fenced. Although fencing of water races may be required to exclude intensively farmed stock under Recommendation: 1.16 in the ZIPA.

2.3.2. Spraying

Section 3.4.22 provides further clarification to those people wishing to use herbicides for maintaining stockwater races. This section is consistent with other proposed changes, by way of providing further guidance as to activities which can adversely affect a water race, causing nuisance. Proposed new Section 3.4.22 is as follows.

*No one is to permit, allow or do any of the following:
Any herbicide to be used on a water race in such a way as to destabilise the bank structure.*

2.3.3. Cleaning Removal

As part of Section 5.4 it is proposed that an explanatory note (see below), be added to further clarify what is intended under Section 5.4.1.

Explanatory note: The above excludes works to increase the capacity of the water race to convey additional irrigation flows. The deposition of material from such works onto private land requires approval of the landowner.

2.3.4. Blockage of Secondary Flow

This is a minor clarification intended to provide clarity associated with the removal of debris from a stockwater race. Section 5.3.2 is proposed as follows and should be read in conjunction with Section 5.3.

5.3 Removal of Debris

After cleaning a water race or clearing or removing any debris from a water race or from the banks or sides of a race the owner or occupier of the land is to without delay, at their own cost and expense, remove any and all clearings and cleanings and other obstructions from both sides of the race in such a manner and to such a distance from the race as may be necessary to:

5.3.2 Prevent blockage of any secondary overland flow path; and

2.4. Map

It is proposed that the map of the Stock Water Race system is referenced by the bylaw, but is made accessible on the Waimakariri District Council website instead of as an attachment to the bylaw itself. Map No. 1140 will be updated whenever a change occurs in terms of maintenance responsibility, diversion or closure. Maintaining a regularly updated scheme plan online will avoid the need to review the bylaw every time map changes are required, as changes will be made independently.

2.5. Consistent Terminology

Throughout the 2007 bylaw there are numerous words used to describe permission, these include; approve, consent, authority and permission. It is proposed that these variations, all be replaced with the word permission, to provide greater consistency.

3. WIL Feedback

- 3.1. Waimakariri Irrigation Limited (WIL) have provided feedback and suggested changes they would like included in the Stock Water Race Bylaw, as part of this review. These have been reviewed by Waimakariri District Council Staff and the following changes are proposed.

- 3.2. Roadside Race Cleaning
Minor clarification proposed to Section 5.1 seeks to provide solution to WIL's feedback. The proposed changes clarify current practice, while maintaining opportunity for private land owners to discuss maintenance responsibilities with Council in the future.

- 3.3. Stock Access
Section 3.4.4 has been revised to clarify rules relating to stock access.

- 3.4. Drinking Stations
Waimakariri District Council staff intended to work with WIL to produce guidance material for stockwater users relating to drinking stations.

- 3.5. Spraying
Minor clarification is proposed to Section 3.4.22 related to spraying.

- 3.6. Maintenance Compliance
Waimakariri District Council Staff intended to work with WIL to produce educational material which will provide advice to stockwater race users relating to race maintenance, including preferred methods.

4. Roadside Cleaning

- 4.1. The current practice is for cleaning of roadside stockwater races to be undertaken by the adjacent property owner. The exception to this are races shown as green on Map No. 1140, which are maintain by the Council.

The bylaw, however, does not clearly state who is responsible for maintaining stockwater races in the road reserve. Section 5.1 states that "every owner or occupier of land through which a farm stockwater races runs (coloured blue) as identified in Clause 2.8 (d)" shall maintain the race. It is implied from Map No. 1140, that cleaning of any race coloured blue on the map is the responsibility of the farmer/landowner and this also extends to races in the road reserve, which is in line with our current practice.

To provide greater clarity consideration was given to making the following amendment to the wording in Section 5.1 – “Every owner or occupier of land, including road reserve immediately adjacent to the land, through which a farm stockwater race runs (coloured blue) as identified in Clause 2.8 (d)” shall maintain the race (note, additional text has been underlined). However this change could potentially be considered to be more than minor, therefore is not proposed in this revision of the bylaw.

The cleaning of roadside races is a key issue as with increasing traffic management and health & safety requirements, it may be necessary for Council to take over the maintenance of certain stockwater races. This will be addressed as a separate process during the 2019 calendar year. It is intended that Council staff will undertake an assessment of this prior to reporting back to the Utility and Roading Committee. If a significant change is required then it is expected that consultation across stockwater ratepayers would be needed as well as approval by Council as part of the Annual Plan process, given the potential increase in maintenance costs and hence rates.

5. Timeline

- 5.1. The changes proposed are considered to be minor in terms of Local Government Act requirements. Minor changes do not require public consultation by way of a SCP. The following timeline is proposed for adoption of the revised bylaw.

Seek Feedback from:

- Water Race Advisory Group on 13 November 2018
- Waimakariri Water Zone Committee on 19 November 2018

Make Recommendation to:

- Utilities & Roading Committee on 11 December 2018

Seek Adoption by:

- Council on 05 February 2019

STOCK-WATER RACE BYLAW

2018~~2007~~

Adopted at a Council meeting held on
~~5 June 2007~~

Mayor

~~Administration Manager~~

WAIMAKARIRI DISTRICT COUNCIL STOCK WATER RACE BYLAW 20182007

1 INTRODUCTION

This bylaw is made by the Waimakariri District Council in exercise of its powers and authority vested in the Council by Section 146 (b) (i) of the *Local Government Act 2002*. The bylaw is enforceable throughout the Waimakariri District Water Race area which is described on map no. 1140.

2 INTERPRETATION

- 2.1 The Council means the Waimakariri District Council or any authorised staff member.
- 2.2 Bylaw means this bylaw as altered, varied or amended from time to time.
- 2.3 Owner or occupier means the owner or occupier of land in the supply area as recorded as such in the valuation roll of the district.
- 2.4 'Holding' means any property of any area or value separately valued in the valuation roll of the district.
- 2.5 The supply area means the area over which stock and/or irrigation water is supplied and specifically includes and means the Browns Rock Subdivision as defined by Special Order made by the Waimakariri Ashley Water Supply Board on 20 September 1894, and as set forth and named as such in the Special Resolution published in the New Zealand Gazette 1894 at pages 1653 and 1654, and includes any alterations to the area which may be made from time to time by the Council in exercise of its powers under the *Local Government Act 2002*.
- 2.6 Water race has the meaning prescribed in the *Local Government Act 2002*, Part 1, Section 5 (1), and means the land occupied by a water channel (other than a main river) –
 - (a) constructed -
 - (i) by or under the authority of a local authority
 - (ii) in, upon, or through land for supply of water; and
 - (b) to be used -
 - (i) solely or principally for farming purposes; or
 - (ii) in the case of an existing water race, for any other purpose for which water from that water race may be used, and
 - (c) includes -
 - (i) a branch of a water race taken or made through land for the purpose of supplying water as referred to in paragraph (b); and
 - (ii) an alteration, extension, or widening of a water race or branch water race, whether done by local authority or by any person with the approval of the local authority; and
 - (iii) a flood or other bank, or a dam, sluice, flume, bridge, gauge, meter, reservoir, or other waterworks relating to, or forming part of, a water race; and
 - (iv) buildings and machinery, pipes, and other materials on the land and within the limits of a water race or relating to, or used in connection with, a water race

- 2.7 Grid References refer to points shown on map Sheet L35 "WAIMAKARIRI" Edition 1 of NZMS 260, 1:50,000; Edition 1 and Sheet M35 "CHRISTCHURCH" Edition 1, of the same map series. The method used for locating these points is that shown in the marginal notes on each sheet.
- 2.8 Water Races are of the following type: (See Map 1140, ~~appendix 1~~ [on Council's website](#))
- (a) Combined stockwater and irrigation races as shown coloured red on Map No 1140 ~~at 255km more or less~~; and used for both irrigation and stock water.
 - (b) Council stockwater races as shown coloured green on Map No 1140 ~~at 538km more or less~~; are mainly roadside races and end of races.
 - (c) Irrigation races as shown coloured yellow on Map No 1140 ~~at 17km more or less~~, are new races built for irrigation supply only.
 - (d) Farm stockwater races as shown coloured ~~dark~~ blue on Map No 1140 ~~at 538km more or less~~, and used for on farm stock water purposes.
- 2.9 The reference Map No 1140 refers to the latest Water Race map issued by the Council ~~on its Geographic Information System website~~.
- 2.10 The Browns Rock Water Race System means that system of water races having its origin at Browns Rock on the Waimakariri River, grid reference 360 584, and from any other sources of supply from which the Council and/or its agent may take water, and includes any tail race, branch, artificial or natural channel within the water race area, or any enlargements or alterations made to the system from time to time. It also includes all of those channels which are wholly or partially supplied with water from the said water race other than those channels into which water is spilled by the Council and/or its agent as no longer required by the water race system.
- 2.11 Words in the singular include plural and vice versa.
- 2.12 Words importing masculine gender include feminine.
- 2.13 The words **shall** and **will** are imperative.
- 2.14 The word **may** is optional.
- 2.15 Maintenance means cleaning and maintaining the water race system in accordance with Water Race Activity Management Plan.
- 2.16 Commercial irrigation means where a water supply agreement has been entered into and irrigation water (by means of spraying or flooding the land with water) is supplied for agreed fees. This does not include aquaculture.
- 2.17 Domestic irrigation means the watering of a residential garden by pumping from the race.
- 2.18 Waimakariri Irrigation Ltd is a co-operative company set up to run and administer a commercial irrigation supply business with a licence to occupy a defined area of the water race for this purpose.

- 2.19 Agent means Waimakariri Irrigation Limited or any other person or body appointed or authorised by the Council and employed as a contractor to maintain and administer the balance of the water race system either inside and/or outside of the defined irrigation area and empowered by a separate agreement.
- 2.20 Access to water races for rating purposes – defined as where a race is situated on a property or along the boundary including immediately on the other side of a boundary fence.
- 2.21 Irrigation is the replacement or supplementation of rainfall with water from another source in order to grow trees, grasses, crops or plants.

3 **CONDITIONS OF USE**

3.1 **Purpose**

The primary purpose of the water race system is to supply water for stock consumption, and/or commercial irrigation within the system area. Subject to written approval by the Council, it may also be used for domestic irrigation as defined in Clause 2.17.

3.2 **Other Considerations**

- 3.2.1 The activities covered by this Bylaw, including the taking, use, damming and diversion of water, may be subject to regional rules contained in Environment Canterbury's Waimakariri River Regional Plan and its ~~Natural Resources~~ Regional Land and Water Plan. Compliance with this Bylaw does not necessarily imply compliance with regional rules and a resource consent may be required."
- 3.2.2 Activities including discharge into water races and land use close to water races that may contaminate water quality are also subject to rules in Environment Canterbury's ~~Natural Resources~~ Regional Land and Water Plan under which a resource consent may be required.

3.3 **Permitted Uses**

Subject to the payment of the annual charges that may be determined from time to time by the Council, and without any further reference to the Council:

- 3.3.1 Water may be used for stock water purposes.
- 3.3.2 Water may be used for domestic irrigation provided that only one connection per dwelling may draw through an exposed pipe of no more than 20mm internal diameter, for no more than two hours per day and provided written approval from the Council is received".
- 3.3.3 Water may be used for commercial irrigation from races (existing or future) that have been specifically designated as irrigation races or combined stockwater and irrigation races (as respectively defined in clauses 2.8(a) and 2.8 (c)) in accordance with a water supply agreement with the Council or its agent as applicable.

3.4 **Prohibited Uses**

No one is to permit, allow or do any of the following:

- 3.4.1 Bathing or washing in a water race.
- 3.4.2 Any domestic fowl, be they water-fowl or otherwise, to stray into or upon the water race.
- 3.4.3 Contamination of the water race by chemicals, nutrients, or by any backflow from irrigation equipment.
- 3.4.4 Any animals to linger in a water race or cause or contribute to nuisance, such as bank damage. but a dDrinking stations may be provided located outside the race are the preferred method to avoid damage to the water race.
- 3.4.5 Any activity carried out on land or in any building or yard to contaminate or to make less pure the water in the water race.
- 3.4.6 Obstruct the flow of water in the water race by any means whatsoever.
- 3.4.7 Ride, drive or lead any animals or propel, draw or convey any vehicle or chattels into, across, or through a water race **except** at the bridges, culverts or crossing places provided by the Council and/or its agent or constructed with the Council's and/or its agents ~~consent~~permission.
- 3.4.8 Any cuttings, clippings, twigs, branches or any other part of any tree or plant or any part of any fence to fall into or remain in a water race.
- 3.4.9 Draw off water from a water race or divert any water belonging to a water race without previous ~~consent~~permission in writing of the Council.
- 3.4.10 Either willfully or through neglect allow any pipe or other apparatus on their property to be out of repair so that water supplied from a water race is wasted.
- 3.4.11 Alter or interfere with any regulating gate or other apparatus or do anything else whereby the supply of water from a water race is improperly increased or decreased.
- 3.4.12 Permit a person who does not pay water race rates to take water from the race.
- 3.4.13 Widen or deepen any water race or alter the course of any water race without the written ~~consent~~permission of the Council.
- 3.4.14 Permit or allow any Statutory Nuisance as defined under Section 29 of the *Health Act 1956*.
- 3.4.15 Obstruct any crossing point over a water race.
- 3.4.16 Remove, displace, alter, damage or interfere with any bank, dam, sluice, flume, bridge, gauge, meter, reservoir, pipe, or other work or thing used in supplying or distributing water from any water race.

3.4.17 Open the ground so as to uncover any culverts belonging to any water race or to lengthen or decrease the length of any such culvert without the written ~~authority permission~~ of the Council.

3.4.18 Make any structure over, in, or under a water race unless ~~without written permission of approved by~~ the Council.

3.4.19 Sow, plant, or permit to grow any tree, hedge, shrub or other plant of any kind, within a distance of ten metres from either side of a water race, except that:

- (a) Crops and pasture are permitted; and
- (b) Shrubs or plants to form any part of a live fence and maintained less than 1.5 metres in height may be sown or planted by an owner or occupier of land on one side of the race only, and then only at a distance of more than 1 metre from the edge of the race.
- (c) Otherwise approved by the Council.

3.4.20 Erect any building or structures of any kind or any size within ten metres of either side of any water race without the written ~~authorization permission~~ of ~~the~~ Council.

~~3.4.21 Any~~ animal effluent or agricultural fertiliser ~~to~~ be discharged within 10 metres of a stockwater race.

~~3.4.21~~~~3.4.22~~ Any herbicide to be used on a water race in such a way as to destabilise the bank structure.

4 **COUNCIL RESPONSIBILITIES**

Notwithstanding anything to the contrary that may appear in this bylaw the Council or its agent will:

- 4.1 Ensure that the races are maintained at all times.
- 4.2 Ensure maintenance provisions of any agreement between the Council and its agent are met.

5 **CLEANING**

5.1 **Farm Stockwater Race Cleaning**

Every owner or occupier of land through which a farm stockwater race runs (coloured blue) as identified in Clause 2.8 (d), shall:

- 5.1.1 Keep the water race, banks, and sides of the race in good order and condition and free from all silt, weeds, vegetation of all kinds, and from all other rubbish and obstructions of all kinds at their own cost.
- 5.1.2 Keep and maintain the sides, banks, and other earthworks of the water race in such a condition as to prevent or mitigate any overflow, leakage, or waste of water.

5.2 **Other Race Cleaning**

The provisions of Clause 5.1 do not apply where that race is a combined stockwater and irrigation race, or an irrigation race, or a stockwater race as identified in Clause 2.8(a), 2.8(b) or 2.8(c). These races will be cleaned by the Council and/or its agent.

5.3 **Removal of Debris**

After cleaning a water race or clearing or removing any debris from a water race or from the banks or sides of a race the owner or occupier of the land is to without delay, at their own cost and expense, remove any and all clearings and cleanings and other obstructions from both sides of the race in such a manner and to such a distance from the race as may be necessary to ~~both~~:

5.3.1 Prevent the materials from re-entering the race;

~~5.3.1~~5.3.2 Prevent blockage or alteration of any secondary overland flow path; and

~~5.3.2~~5.3.3 To allow access to the race by any plant and machinery necessary to clean the race.

5.4 **Maintaining Cleaning and/or Improving ~~t~~The Races**

5.4.1 When the Council and/or its agent clears, cleans, renovates or improves any part of a stock water race, a combined stock water and irrigation race or an irrigation race, as identified in Clause 2.8 (a), 2.8 (b) or 2.8(c) or any land adjoining any part of these races, it may deposit all or part of the materials removed by or in the course of the work onto any part of the land contiguous or adjacent to the race, except where that land is a formed public road.

Explanatory note: The above excludes works to increase the capacity of the water race to convey additional irrigation flows. The deposition of material from such works onto private land requires approval of the landowner.

5.4.2 All such material deposited by the Council and/or its agent is to be placed in accordance with Clauses 5.3.1, ~~and 5.3.3~~5.3.2 and 5.3.3 of this bylaw.

5.4.3 When the Council and/or its agent require such material to be removed, this will be arranged by the Council and/or its agent as a charge against maintenance of the water race system.

5.5 **Failure To Repair or Clean the Race**

5.5.1 If the owner or occupier fails, neglects or refuses to comply with any provision of this bylaw after having been required to do so in writing by the Council, the Council and/or its agent may enter onto the land, make good such failure, neglect or refusal and charge the owner or occupier with cost and expense of the work, provided however that the provisions of Sections~~182~~ of the *Local Government Act 2002* shall not be abrogated by the provisions of this bylaw.

5.5.2 Any debt incurred by the Council complying with Clause 5.5.1 of the bylaw is a debt recoverable in a court of competent jurisdiction.

- 5.5.3 Any remedy given by such a court shall in no way affect the liability of the owner or occupier to any penalty provided for the breach of this bylaw.

6 **DIVERTING OF WATER**

- 6.1 The Council may grant permission to any person through whose land a water race runs to divert as much water from the race as is necessary to keep a pond or other reservoir on their land to be filled or constantly filled with water, provided that:
- 6.1.1 No such diverting shall be undertaken until the Council has granted a permit to do so in writing. Such a permit may be revoked at the pleasure of the Council after giving three months notice of its intention to so do ~~so~~ except where a Resource Consent has been issued pursuant to the provisions of *Resource Management Act* 1991.
 - 6.1.2 The pond or reservoir shall be completely watertight and lined with impervious materials.
 - 6.1.3 The intake and outlet of any pond must be able to be shut off to ensure compliance with water restrictions or resource consent conditions.
 - 6.1.4 An adequate outfall is provided from the pond or reservoir to allow the overflow to return to the water race, at the same water level as the race.
 - 6.1.5 No such pond or reservoir exceeds the area volume or depth that may be specified by the Council when granting such permission.
 - 6.1.6 No pond or reservoir shall cause any downstream reduction in water flow in the race the water is diverted from.
 - 6.1.7 No pond or reservoir shall be created by installing a dam to raise the water level of the race.

7 **EXISTING USES**

- 7.1 If, at the date the original bylaw came into force (1999) there are existing:
- 7.1.1 Trees, hedges, other plants or shrubs of any kind either growing or dead, in the form or nature of stumps or otherwise, in or on land and situated contrary to the provisions of Clause 3.4.19 of this bylaw and irrespective of how, when or by what means they came to be there;
- or**
- 7.1.2 Structures, buildings or yards of any kind or ponds impounding water which are situated contrary to provisions of Clause 3.4.20 and Clause 6 of this bylaw;
- and**
- 7.1.3 If in the reasonable opinion of the Council any of the obstructions referred to in clause 7.1.1 or clause 7.1.2 are interfering with the flow of the water in any water race;
- then**

7.1.4 The Council shall notify the owner or occupier in writing of its intent to require the removal of such tree, hedge, other plants, shrub, structure, ponds, building and/or yard;

and

7.1.5 The owner or occupier shall be given an opportunity to be heard by the Council before any final decision is made under this clause.

7.1.6 The Council shall make a final decision at a formal meeting, taking in to account any information provided by the owner or occupier.

7.1.7 Should the Council decide that any obstructions referred to need removing, it shall notify the owner or occupier of the requirement for the owner or occupier to remove them, including any consideration for compensation.

7.1.8 In any instances where there is failure to comply, Clause 5.5.1 will apply.

8 EXTRA OR ABNORMAL SUPPLIES

The Council may, at its discretion, grant an extra supply of water from the water race for special purposes, including fire fighting, or for purposes not otherwise authorised by this bylaw, at a cost to be established by the Council at the time of its application. Such cost may be varied from time to time in accordance with the provisions of these bylaws.

9 POWERS OF COUNCIL

9.1 The Council may under powers given to it under the *Local Government Rating Act* and the *Local Government Act* and their Amendments establish, vary, alter, reduce, increase or remove charges and rates for the provision of the water race system.

9.2 The Council may alter the basis or manner or scale on which any or all such charges or rates are to be assessed as it sees fit in accordance with the powers delegated

9.3 The Council may impose restrictions on the draw off of water from time to time.

9.4 The Council may perform its obligations, and exercise its rights, under these bylaws or otherwise in relation to the water race system through its nominated agents, employees or contractors, or the Agent, as the Council determines from time to time.

10 BREACHES OF THIS BYLAW

Where any person:

10.1 Defaults in payment of any rate imposed on their land in respect of the supply of water; or,

10.2 Fails to do or perform any act, or thing, that he or she is required to do by these bylaws; or,

10.3 Permits, allows, or does, any of the acts that are prohibited in Clause 3.4, or

10.4 Breaches any of terms and conditions of clauses 5 and 6 of this bylaw; or,

10.5 Fails to carry out anything that they have agreed to as part of their water supply agreement with the Waimakariri District Council or its agent; or,

10.6 Commits any other breaches of the terms and conditions of this bylaw

then they are in breach of this bylaw.

11 PENALTIES

11.1 Every person who commits a breach of any part of this bylaw is liable to a fine not exceeding \$20,000 as provided for by Section 242 of the *Local Government Act 2002*.

11.2 In addition to any penalty imposed by any court for a breach of this bylaw the Council may sue for and recover from any person, the amount of damage done or caused to a water race or any works constructed by or under the control or jurisdiction of the Council in relation to the water race, or in respect of any water unlawfully taken or diverted or wasted or lost due to any non observance or performance of any of this bylaw.

12 SAVINGS

12.1 Nothing in this bylaw shall be construed to be an undertaking or guarantee by, or oblige the Council and/or its agent to provide water in any water race either at all, or to any quantity or to any specified quality.

12.2 Nothing in this bylaw shall be construed to render the Council and/or its agent responsible or liable to any person or corporate body for the total or partial failure of any water supply from whatever cause such failure may arise.

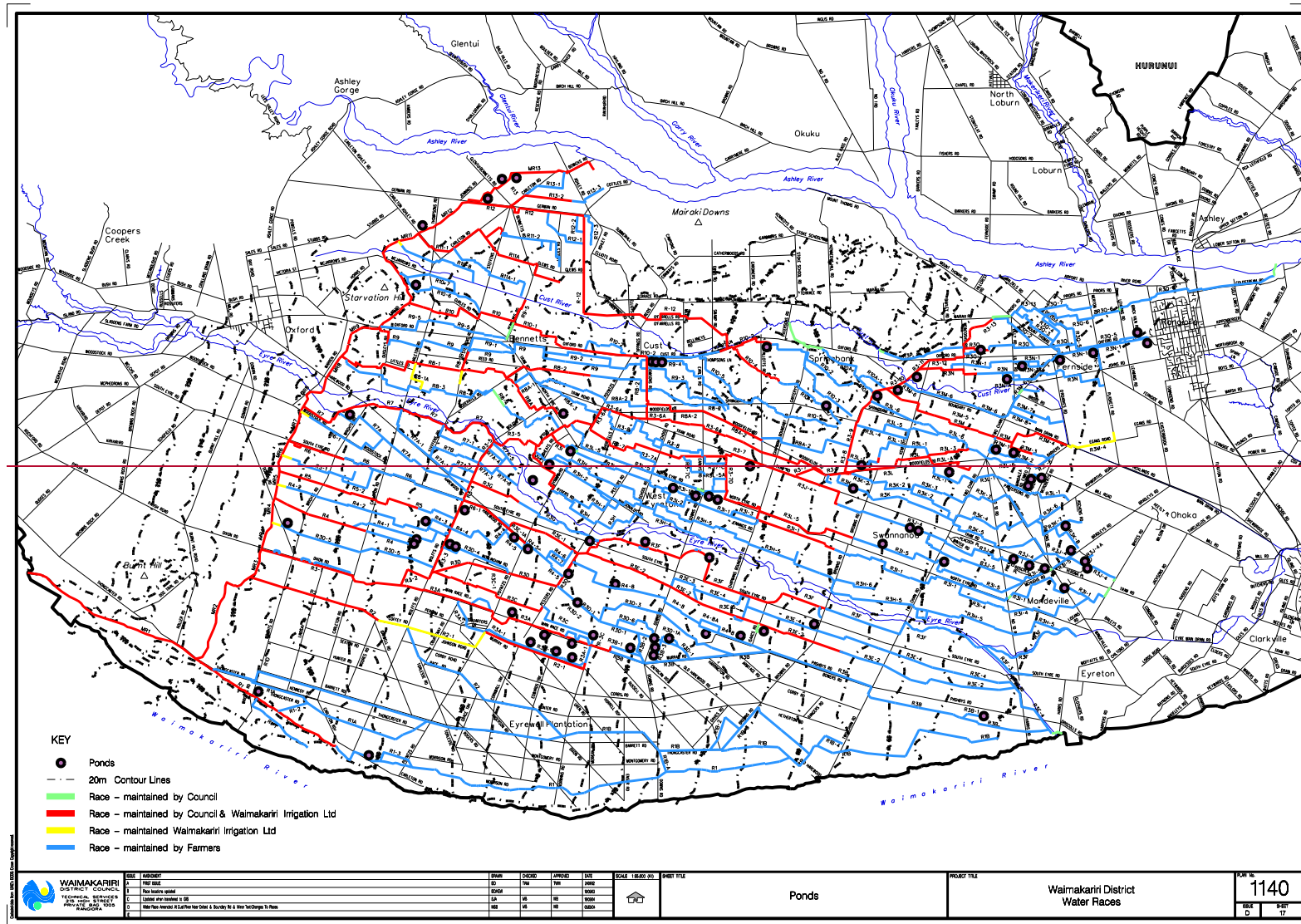
13 BYLAWS TO BE REPEALED

All bylaws concerning the water race system in force made by the Council or its predecessors are hereby repealed. This repeal shall not affect the past operation of any such repealed bylaws or the validity or invalidity of anything done or suffered, or any right required, or duty or liability incurred under those bylaws.

14 COMMENCEMENT

14.1 This bylaw shall come into force on the ~~6th day of June 2007~~ being the day so fixed at a meeting of the Waimakariri District Council at which the resolution reviewing this bylaw was confirmed.

14.2 The resolution to approve the proposed bylaw for notification was passed by the Waimakariri District Council's ~~Utilities & Reading Committee held on 19 December 2006, which was confirmed at a subsequent meeting of the Waimakariri District Council~~ on 5th day of June 201807.



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Attachment ii)

WIL Feedback on Stock Water Bylaw

Area	WIL Feedback	WDC Response
Roadside Race Cleaning	Water races adjacent to road sides need clarification on who is responsible for maintenance, these races are becoming increasingly difficult for landowners to maintain due to traffic management and health and safety in the workplace requirements. Also consideration needs to be given to these road verges being manicured by the property owner's limiting access, difficulty carting wet race cleanings on the road and available dumping sites.	<p>Section 5.1 is unclear as to whether this includes the maintenance of races in road frontages. Although section 2.8 and the Map 1140 suggest that unless they are shown as green they are maintained by the farmers/landowners.</p> <p>We agree the TM and H&S matters need to be considered, but suggest that this can be best achieved by changing races from dark blue to green on plan 1140 (i.e.: change to Council maintained). This can be done as a separate process to the bylaw.</p> <p>For clarity we could modify 5.1 as follows, but this may be considered to be a significant change:</p> <p>Every owner or occupier of land through which a farm stockwater race (coloured blue) runs, or flows through the road frontage of, as identified in Clause 2.8 (d), shall:</p>
Stock Access	Fencing is increasing due to the requirement to keep large animal's out of the waterway's, it may require a separate fencing policy to ensure practical access can be maintained at all times for maintenance.	<p>The bylaw does not specifically refer to fences from a maintenance access perspective, except indirectly in Section 3.4.19 (live fences). Depending on the definitions of structures in Section 3.4.20, it could be considered that this clause also covered fences - although we don't want to create unnecessary permission requirements.</p> <p>If fences are less than 1.5m high (most common for stock), then I don't expect we would have an issue from a maintenance access perspective. I expect the main issues are in rural residential areas where 1.8m high fences are used, which could prevent access.</p> <p>I suggest that we monitor this and use Clause 3.4.20 if we need to.</p>
Discharge	Prohibit roading contractors or other's from cutting drainage channels into water races.	The altering of race banks is covered under Clause 3.4.16. The discharge into a water race does not appear to be excluded under the bylaw. Interestingly 3.2.2 suggests that
Mapping	Page 2 item 2.8 update map.	Agree.
Drinking Stations	Page 4 item 3.4.4 create a separate drinking station policy to incorporate David and Paul's comments below.	This is best dealt with by developing best practice guidance for drinking stations as set out below.
Race Cleaning	Page 6 item 5.4.3 removing race cleanings needs better wording to clarify this statement.	Explanatory note added under 5.4.1.
Spraying	Spraying water races for maintenance, is this a prohibited activity under the bylaw?	New clause 3.4.22 added.
Maintenance Compliance	WIL requires improved systems or greater powers to ensure races are being maintained by landowners, land owners are informed of their responsibility, update stockwater fact sheet, regular mail outs or a prior warning notice similar to Mainpower notifying users for the need to clean and maintain water races.	This is best dealt with by developing educational material as per the Mainpower example. Additionally the process for escalating non-compliance to WDC staff to take action needs to be formalised.
Drinking Stations	The drinkers are going to be an ongoing issue. The bylaw does not provide any guidance on positioning, construction, size (relative to stock type, numbers) etc. This is the opportunity to make some rules based on the impact certain stocking characteristics have on the races structural integrity and carrying capacity, and water quality. The clause 3.4.3 – 3.4.7 cover this aspect generally but is short on specifics. Some guidance on this could help clean up some issues that we are seeing with Deer, large mobs of Cattle and general poor positioning, construction causing sedimentation/contamination of the water. The sedimentation/contamination is a big issue that is being raised to the zone committee level. WIL can cover off their shareholders but have no mechanism for non-shareholders	This is best dealt with by developing best practice guidance and education for both WIL shareholders and non-shareholders.
Drinking Stations	This is the opportunity to be able to enable WIL or WDC or any other relevant party to have some rules on which races can and cant have drinkers established on them. If there was a clause or some classification of races based on their size /purpose or flow characteristics that permission or similar has to be granted would help avoid situations where WIL and WDC have no teeth to alter or fix situations if issues arise. Thinking of the Tallott situation here.	<p>Again this is best dealt with by developing best practice guidance for drinking stations.</p> <p>3.4.4 has been changed to say "No one is to ... allow ... any animal to ... cause or contribute to a nuisance, such as bank damage". Therefore we have a mechanism to take action if something is causing damage.</p>

Race classification	<p>Suggestions for categorisation of the races could be based on points below.</p> <ul style="list-style-type: none"> - connectivity to a natural waterway, - size, - flow characteristics (fluctuations etc) - primary function (conveyance or distribution), 	<p>This is secondary information we could look at adding into the AMS/GIS in the future once we have the information to better manage and control the system.</p> <p>The classification based on maintenance responsibility is adequate for the purposes of the bylaw.</p>
Regulations	<p>Given that there is national legislation on its way that is going to basically prohibit all cattle/deer from access to waterways (with provisos for slope that will not apply here) does there need to be some clause in there that if there should be any future directive/ rule from any other party that it can be adhered to.</p>	<p>The LWRP stock exclusion rules relates to water bodies (lake, river or wetland) - which excludes artificial watercourses (including water supply races and farm drainage canals) - therefore do not apply to water races.</p> <p>The Draft ZIPA recommends that rules are included in the Waimakariri sub-regional chapter (Section 8) to exclude intensively farmed stock from water bodies, including artificial watercourses (i.e.: water races). Therefore there will not be a blanket coverall exclusion of all stock from artificial watercourse and water races under the sub-regional chapter.</p> <p>The Water Zone committee will be consulted and given an opportunity to input to the bylaw.</p>
Water quality	<p>The Zone committee processes are requiring water quality to be maintained and improved. How this process and the values put onto the stockwater race system could /will have a bearing on the uses and access to these races. I assume they are being engaged in his process or even if they can be ???</p>	<p>A report will be taken to the 12 November 2018 WWZC meeting to obtain their feedback.</p> <p>The Draft ZIPA shows the WWZC are interested in modifications to the water race system from a perspective of implications on aquifer and lowland stream recharge and the associated benefits of diluting nitrate levels.</p> <p>From a discharge perspective, compliance with the water quality requirements of RCs and LWRP will need to be achieved at the point of discharge.</p>
	<p>Should the bylaw reference the dairy clean streams accord or any similar requirement that is in place</p>	<p>The stockwater race bylaw relates to the use of the water race system, rather than management of land use activities as set out in the Sustainable Dairying: Water Accord.</p> <p>This would be beyond the scope of the bylaw and would require references to other initiatives as the stockwater scheme supplies more than just dairy farms.</p>

AGENDA ITEM NO: 4	SUBJECT: Waimakariri Final ZIP Addendum – briefing
REPORT TO: Waimakariri Water Zone Committee	MEETING DATE: 19 November 2018
REPORT BY: Murray Griffin, CWMS Facilitator – Waimakariri, Environment Canterbury	

PROPOSAL

This agenda item provides an update on community feedback received on the Waimakariri Draft Zone Implementation Programme (ZIP) Addendum, and the zone committee's advance of the draft to a final ZIP Addendum to be presented to both the Waimakariri District Council and Environment Canterbury.

RECOMMENDATIONS

- 1) The zone committee are asked to receive this update on the feedback received on the Waimakariri Land and Water Solutions Programme Draft ZIP Addendum 2018.
- 2) The zone committee are asked to approve the Waimakariri Land and Water Solutions Programme Final ZIP Addendum 2018, subject to any final amendments agreed by the zone committee, to be presented to the Waimakariri District Council and Environment Canterbury.

Feedback on the Draft ZIP Addendum

An overview of the feedback received on the draft ZIP Addendum will be presented at the meeting.

The Waimakariri Land and Water Solutions Programme schedule

for the period until mid-2019 looks like:

- Draft ZIP Addendum & recommendations for the Waimakariri Land & Water Solutions Programme approved for public consultation – 10 September 2018
 - Draft ZIP Addendum consultation – September/October 2018
 - **Zone Committee sign-off final recommendations for Solutions Programme – 19 November 2018**
 - Final Solutions programme recommendations to ECan and WDC councils – December 2018
 - Informing the community on the final Land and Water Solutions Programme – January/March 2019
 - Notify a sub-region plan change to the Land and Water Regional Plan in response to the ZC's recommendations – mid 2019.
-