



WAIMAKARIRI
DISTRICT COUNCIL



Agenda

Canterbury Water Management Strategy Waimakariri Zone Committee meeting

**at 3.30pm
on Monday 8 August 2016**

to be held in the

**Function Room
Rangiora Town Hall
303 High Street
Rangiora**

Members

Grant Edge (Acting Chairperson)

Claire McKay

David Ashby

WDC Councillor Kevin Felstead

Judith Roper-Lindsay

Gary Walton

Carolyne Latham

Clare Williams (Te Ngai Tūāhuriri Rūnanga)

Cherie Williams (Te Ngai Tūāhuriri Rūnanga)

Rex Williams (Environment Canterbury Commissioner)

Chairman and Members
WAIMAKARIRI ZONE COMMITTEE

A Meeting of the **CANTERBURY WATER MANAGEMENT STRATEGY: WAIMAKARIRI ZONE COMMITTEE** will be held in the **FUNCTION ROOM, RANGIORA TOWN HALL, 303 HIGH STREET, RANGIORA** on **MONDAY 8 AUGUST 2016** to commence at **3.30PM.**

Adrienne Smith
COMMITTEE ADVISOR

Page No.

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

BUSINESS

1 KARAKIA

APOLOGIES

REGISTER OF INTEREST

5 - 6

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

2 CONFIRMATION OF MINUTES

**2.1 Minutes of a meeting of the Canterbury Water Management Strategy -
Waimakariri Zone Committee held on Monday 11 July 2016**

7 – 14

RECOMMENDATION

THAT the CWMS Waimakariri Zone Committee

- (a) **Confirms** as a true and correct record the minutes of a meeting of the Canterbury Water Management Strategy – Waimakariri Zone Committee held on Monday 11 July 2016.

MATTERS ARISING

3 OPPORTUNITY FOR PUBLIC TO SPEAK

4 **WORKING GROUP AND COMMITTEE UPDATES** – Zone Committee members / M Griffin

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4.1 **Confirmation of Acting Chair – Murray Griffin**

RECOMMENDATION

THAT the CWMS Waimakariri Zone Committee

- (a) **Appoints** Committee member to the position of Acting Chairperson for the Waimakariri Zone Committee through to the November 2016 meeting.

4.2 **Working Group Updates – Nutrient Management and Water Efficiency Working Group (David Ashby) and Lowlands Waterways, Braided Rivers and Biodiversity Working Group (Grant Edge)**

David Ashby and Grant Edge will table updates on these Working Groups priorities.

4.3 **Regional Committee meeting – 9 August 2016 – Claire McKay**

Claire McKay will address any considerations or priorities the committee would like advanced to the next Regional Committee meeting on 9 August.

4.4 **Waimakariri Zone Delivery Team Update – Andrew Arps (Waimakariri Zone Team Leader)**

Andrew Arps will provide an update on current Zone Team priorities and achievements over April and May.

4.5 **Sven Koops – Letter to the Committee 11 July –**

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Dr Sven Koops tabled a letter for the committee at its 11 July meeting. A copy is included in this agenda.

4.6 **Zone Committee Engagement and Communications Engagements**

- Science Stakeholder Advisory Group – 13 July, next meeting September
- U3A workshops on the Ashley/Rakahuri in July/August

4.7 **Communications**

- Committees Monthly E Newsletter – Sent on 26 July

RECOMMENDATION

THAT the CWMS Waimakariri Zone Committee

- (a) **Receives** these updates for information, in Items 4.2 – 4.7 and with regard to the committee's 5 Year Outcomes and 2016 work programme.

5 **COMMUNICATIONS UPDATE – G McKenzie (Communications Advisor) and A Arps (Waimakariri Zone Team Leader)**

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RECOMMENDATION

THAT the CWMS Waimakariri Zone Committee:

- (a) **Receives** this briefing for its information and with regard to its 2016 community engagement priorities and 5 year outcomes.

6 **GENERAL BUSINESS AND FUTURE MEETING PRIORITIES** – Zone Committee Members / M Griffin

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WORKSHOP

7 **AN OVERVIEW OF SCENARIOS - WORKSHOP** – J Stapleton (Senior Planner, Ecan) and I Whitehouse (Ecan)

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8 **COMMUNITY ENGAGEMENT REVIEW- WORKSHOP** – A Arps (Waimakariri Zone Team Leader) and J Stapleton (Senior Planner, ECan)

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WAIMAKARIRI ZONE COMMITTEE

Register of Interests – at August 2016

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
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)
Kevin Felstead	<ul style="list-style-type: none"> - Deputy Mayor, Waimakariri District - Utilities and Roading Committee, Waimakariri District Council - Audit Committee, Waimakariri District Council - Sole Trader: Resource Consent Services
Carolyn Latham	<ul style="list-style-type: none"> - Farmer: Sheep, beef and racehorse agistment - Shareholder: Silver Fern Farms, Farmlands - Registered Member: New Zealand Institute of Primary Industry Management - Member: Canterbury Ice Hockey Association
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
Judith Roper-Lindsay	<ul style="list-style-type: none"> - Director/ecologist: JR-L Consulting Ltd. - Land-owner/small-scale sheep farmer, Ashley downs - Member and local committee member: Environment Institute of Australia and New Zealand (EIANZ)
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

Clare Williams	<ul style="list-style-type: none"> - Chair, Te Ngāi Tūāhuriri Rūnanga Inc. - Selwyn/Waihora Zone Committee – Te Ngāi Tūāhuriri Rūnanga representative - Member: Mana Whenua Working Party - Trustee: Central Plains Water Trust
Rex Williams	<ul style="list-style-type: none"> - Commissioner: Environment Canterbury - Director: HWRichardson Group Ltd., Invercargill

MINUTES OF A MEETING OF THE CANTERBURY WATER MANAGEMENT STRATEGY; WAIMAKARIRI ZONE COMMITTEE HELD IN THE FUNCTION ROOM, RANGIORA TOWN HALL, 303 HIGH STREET, RANGIORA AT 3.32PM ON MONDAY 11 JULY 2016

PRESENT

Grant Edge (Acting Chairperson), David Ashby, WDC Councillor Kevin Felstead, Gary Walton, Carolyne Latham, Clare Williams (Te Ngāi Tūāhuriri Rūnanga), Cherie Williams (Te Ngāi Tūāhuriri Rūnanga) and Rex Williams (Environment Canterbury Commissioner).

IN ATTENDANCE

Barbara Nicholas (CWMS Facilitator's Team Leader, ECan), Andrew Arps (Waimakariri Zone Team Leader, ECan), Jill Atkinson (Director Strategy and Programmes, ECan), Renay Weir (ECan), Gerard Cleary (Manager Utilities and Roading, WDC), Matt Dodson (Hydrogeologist, ECan), Dirk Brand (Planning Team Leader, ECan), Kate Schimanski (Biodiversity Officer, ECan), Jo Stapleton (Senior Planner, ECan), Adrian Meredith (ECan), Geoff Meadows (Policy Manager, WDC), Mary Sparrow (ECan Contractor), Tara McAllister (PhD Student, UoC), Ian 'Whit' Whitehouse (ECan), Michael Bate (Kaiapoi), James Ensor (Woodend-Ashley Community Board), Richard Stalker (Farmer), Sandra Stewart (Kaiapoi Community Board, Kaiapoi Advocate), John Benn (DOC), David Eder (Horticulturist, Woodend), Judith Earl-Goulet (ECan), Penny Wright (Forest and Bird, WERT), Brent Walton (WIL), Robert Johnson (Ashley Gorge), Sven Koops (Dairy Farmer), Alexander Koops (Dairy Farmer son) and Emma Stubbs (Minute Secretary, WDC).

1 KARAKIA

Clare Williams conducted the karakia.

APOLOGIES

Moved G Walton Seconded C Latham

Apologies were received and sustained from Judith Roper-Lindsay and Claire McKay for absence and Rex Williams for lateness.

CARRIED

G Edge advised that M Griffin was absent and that Barbara Nicholas (CWMS Facilitator's Team Leader) would facilitate today's meeting.

REGISTER OF INTEREST

Nil.

2 CONFIRMATION OF MINUTES

Minutes of a meeting of the Canterbury Water Management Strategy - Waimakariri Zone Committee held on Monday 13 June 2016

Moved G Walton Seconded K Felstead

- (a) **Amends** the minutes of the Canterbury Water Management Strategy – Waimakariri Zone Committee held on Monday 13 June 2016. Item 4, page 8, Nutrient Management and Water Efficiency Working Group should refer to Fonterra were assisting with nutrient budgets rather than N calculations. Item 4, page 9, Lowland Waterways, Braided Rivers and Biodiversity Working Group should refer to tile drains running into open drains in the eastern part of the district.
- (b) **Confirms** as a true and correct record the minutes of a meeting of the Canterbury Water Management Strategy – Waimakariri Zone Committee held on Monday 13 June 2016.

CARRIED

MATTERS ARISING

C Latham referred to gutter spraying and queried whether that was something that the committee needed to take interest in. K Felstead advised that WDC undertook gutter spraying in the townships annually as an effective way of keeping weeds down. Council had resolved that there would be no spraying until November as they were seeking further advice on effects of glyphosate.

Clare Williams commented that the question of spraying was of interest to the Rūnanga who were concerned about the effects of spray on biodiversity and on those who consumed water cress collected from drains. It was noted that mechanical methods of clearing drains caused disturbance of the drain bed. C Williams advised that the Rūnanga had a good relationship with WDC and when mechanical clearing was carried out someone was present to return any fish to the drain.

It was requested that when WDC received the advice on glyphosate that an update be provided to the WWZC.

C Latham queried whether the LWBRBWG meeting notes had been circulated and G Edge replied that they would be provided for discussion at the next working group meeting.

G Edge encouraged members to read Section 4 of the 'Towards a collaboratively developed conceptual model of the Waimakariri ground water system' and provide feedback to Matt Dodson prior to Wednesday 13th July SSAG meeting.

With regard to herbicide in the Kaiapoi River, M Griffin had circulated WDC reports that had gone to Council where \$75,000 had been approved for ocean outfall and beach testing.

G Edge advised that he had been invited to attend the CWMS Regional Committee's reformed Recreation and Amenity Working Group meeting.

G Edge advised that DairyNZ had formally responded to questions raised at their WWZC briefing the previous month and these had been circulated to members.

C Latham noted that a number of boat launch and swimming areas had not been marked on the maps in the recreation and amenity information pack provided to members at the June meeting. B Nicholas advised seeking further information on such sites was part of the purpose of E McNae returning to the Board in August or September.

C Latham referred to the RHS students who had been involved in the water interest group commenting it was important to have a community of interest amongst students. She was happy to enquire at RHS.

3 **OPPORTUNITY FOR PUBLIC TO SPEAK**

Sandra Stewart (Kaiapoi Community Board, Kaiapoi Advocate) referred to the Recreation Flagship Project Briefing and queried the process of how and by whom the flagship project would be decided. She noted that there interest from the Kaiapoi Community Board and believed the WWZC needed to widen the net for community input. G Edge advised he would take note of the request of S Stewart that the Community Board would like to provide feedback and commented that there needed to be discussion at the 25th July Recreation and Amenity Working Group meeting with regard to process. B Nicholas commented that the Community Board needed to work with the Zone Committee who would then feed the information to E McNae.

M Bate (Kaiapoi) tabled a hand out regarding spray toxicity for the committee's information. He provided a verbal update on weed health in the Kaiapoi River. M Bate advised he was currently undertaking a spotlight survey of fish life and had visited 38 areas out of 58, the results had been very poor.

M Bate advised he had attended the July meeting of the WDC and believed they were now starting to look in the right direction. While he understood the need for a plan he commented that the \$75,000 on the sewer investigation would be better spent on fixing the issues. He requested that the committee members advise him if they supported or otherwise his submissions to WDC that he had tabled at previous meeting.

Robert Johnson (Farmer, Ashley Gorge) spoke to the committee regarding his concerns around the Ashley River from the Gorge to the confluence of the Okuku. He noted he had raised the issue in many forums and had recently had acknowledgement from ECan regarding the problem. He invited any member of the committee unfamiliar with the issue to visit his property.

R Johnson expressed concern regarding the capacity of Overseer to be used as a regulatory tool as the programme still had a lot of variability.

R Johnson advised that he had made a submission to Plan Change 5 and would speak to the hearing. He expressed concern around the provisions regarding orange zone land being 'the new red'. He referred to the sub-regional planning process commenting that WWZC would become the local ECan Council responsible for the sub-regional plan of ECan and noting that an effective community plan would need wide community input.

R Johnson queried the effect of Plan Change 5 on the sub-regional plan – would they have latitude to change or would they be bound by Plan Change 5. Following the completion of the hearing process would it be subject to the same rules as the LWRP? Jill Atkinson advised that it could be challenged in the environment court on points of law.

G Edge commented that the committee was currently receiving a range of science reports which provided the fundamental science base for the planning process. The committee would look at all those issues and plan changes.

Dr. Sven Koops (Dairy Farmer), tabled a statement regarding his concerns around Plan Change 5 which he read to the committee. He commented that it was assumed that dairy farming in Canterbury played the most significant role in contributing to poor water quality. He believed Plan Change 5 was not equitable and would:

- Soften the LWRP
- Slow progress toward the fresh water objectives of the NPSFM
- Allow current stocking rates to continue
- Allow current fertiliser levels to be maintained
- Be a costly paper exercise
- Be a costly capital investment exercise
- Punish farmers running sustainable stock operations

- Allow large intensive operations to continue with high stocking rates provided they followed GMP

He finished by asking the committee 'what have you done?'

K Felstead queried if Dr Koops had made a submission to Plan Change 5 noting that the WWZC could not do anything regarding the Plan Change. Dr Koops had not made a submission.

Brent Walton (WIL) provided the committee with an update regarding progress of WIL towards consent requirements. He advised that FEPs were on track to be completed by September. He noted that at Board level they were putting together an allocation policy. They were encouraging farmers to use good management practice rather than focus on Overseer calculations.

B Walton advised that the company had run nutrient numbers through the portal and had come up with a number that was 50% of that reflected in their 2009-13 Baseline. He stressed it was not a gold rush and any development between now and the sub-regional had to be within that.

4 **WORKING GROUP AND COMMITTEE UPDATES** – Zone Committee members / M Griffin

4.1 **Letter to the CWMS Waimakariri Zone Committee from Claire McKay**

It was noted that C McKay would stand aside as Chair due to her standing as a North Canterbury candidate for ECan. She would stay on the committee as a community member during the election process and if successful would resign as a community member.

It was queried whether under legal process a new chair would need to be elected. J Atkinson to follow up.

4.2 **Update from Regional Committee meeting – 14 June 2016**

G Edge advised the update would be taken as read.

R Williams commented that Stormwater management was an issue that the committee needed to pay attention to. G Cleary, who had presented the report from the Canterbury Regional Stormwater Forum Steering Group, advised that he would be happy to give a presentation to the WWZC. He would also discuss the Natural Hazard Plan change raised previously.

4.3 **Nutrient Management and Water Efficiency Working Group**

D Ashby advised that notes from the workshop would be circulated via email. At the workshop they had gone through the 5 year outcomes and commented that they completed a lot of things they had set out to achieve.

4.4 **Lowland Waterways, Braided Rivers and Biodiversity Working Group**

G Edge advised that the notes from the Working Group number 2 meeting held in May had been completed and would be circulated to the committee. They were preparing for another meeting in late August or early September.

G Edge advised that the first stage of planting approved for the Kaiapoi River had been completed. In addition the application regarding the Upper Cam River planting that had been approved subject to conditions at the June meeting, had been supported by Henry Hudson and Greg Bennett. Clare Williams advised it was also supported by the Rūnanga. Following those approvals it could proceed.

Moved G Walton Seconded C Latham

THAT the CWMS Waimakariri Zone Committee:

- (a) **Receives** the information in items 4.1 - 4.4 with regard to the committee's 5 Year Outcomes and 2016 work programme.

CARRIED

4.5 **Waimakariri Zone Committee Immediate Steps Fund – Ashley/Rakahuri Island Creation**

Kate Schimanski advised the full proposal from the Ashley/Rakahuri Rivercare Group (ARRG) for the Ashley/Rakahuri island creation was included in the agenda. She noted that historically there were many weed free gravel islands in the river for birds to nest. This year there were a high number of weeds that provided good predator habitat which meant birds were forced to nest at the water's edge making them prone to flooding.

The proposal was for the enhancement/creation of eight islands spread along the lower part of the river following on from the trial of one island last breeding season. The island creation work would be supplemented with predator trapping and monitoring.

ARRG had addressed the issue of 4wheel drives in the riverbed through signage and communication with the 4wheel drive club. They requested \$4,820 for the earthworks and would contribute \$4,974 for predator trapping and monitoring for a total fund of \$9,794.

K Schimanski advised that as a second trial it was realistic, achievable and manageable with excellent existing relationships. There was a good community education component and strong volunteer base. It had a high ecological score.

Clare Williams advised she supported the project but queried the use of machinery commenting it created sediment in waterways that had downstream effects. K Schimanski noted there were ways to minimise this effect and she would take that concern back to ARRG. Clare Williams queried if the Iwi Management Plans had been referred to and if there had been consultation with the Rūnanga. K Schimanski replied that there had been liaison but she would follow up on this with Stephen Bragg and ARRG.

K Felstead noted the risk of flooding wiping out the islands asking if that had been considered. K Schimanski advised the lack of recent flooding was the reason for the weed problem. Sites had been selected with regard to bird nesting locations. There was an element of risk.

K Schimanski advised J Roper-Lindsay had queried whether the project would trigger an ECan consent, which K Schimanski had confirmed it wouldn't.

G Edge noted that probability of success was variable as birds had not bred on the created island the previous season. He requested for cost benefit purposes that results be reported back to the committee.

Moved G Edge Seconded D Ashby

THAT the CWMS Waimakariri Zone Committee:

- (a) **Receives** the information in the update.
- (b) **Approves** the application for \$4,820 Immediate Steps funding from the Ashley/Rakahuri Rivercare Group for Ashley/Rakahuri Island Creation

subject to reference to the Iwi Management Plan and ECan feedback regarding construction process.

CARRIED

5 ASHLEY/RAKAHURI AND PHORMIDIUM – Tara McAllister (PhD student from the Waterways Centre for Freshwater Management at the University of Canterbury)

Matt Dodson introduced Tara McAllister who was completing her PhD at UoC studying algae in rivers across Canterbury. He noted that the study was topical and an update on algae had been seen as a priority.

T McAllister introduced her PhD title “Phormidium accrual cycles in Canterbury rivers: the relative effects of flow and nutrients”. She explained that Phormidium was a cyanobacteria with worldwide distribution, it could form dense leathery blooms on the bottom of rivers that could stretch for tens of kilometres and produce harmful toxin. On a map on New Zealand there were 103 rivers highlighted that were known to have had Phormidium.

The first part of her study was a broad observational survey in order to answer 3 research questions as below, the method and results of which she outlined to the committee.

1. How do Phormidium biomass and toxin concentrations vary spatially and temporally in Canterbury Rivers?
2. Are there any important relationships between Phormidium biomass and environmental factors?
3. Are there any relationships between toxin concentrations and environmental factors?

T McAllister studied six rivers in Canterbury including the Ashley/Rakahuri measuring how Phormidium changed each week over a period of 8 months. She also measured a range of factors including nutrients, metals, temperature, river flow and physical characteristics. To show the temporal variation, an animation of how concentration of Phormidium changed over time was shown. In the Ashley/Rakahuri the bloom increased over summer until the river became dry at which point it disappeared. This pattern was not always followed in other rivers. The animation showed how patchy the growth is and how it varied within the river.

T McAllister’s study showed that the environmental factors that were important were nutrients, the river, how fast and conductivity. Phormidium concentrations were highest at mid-range phosphate and nitrate levels. River flow had different effect in different rivers in the Ashley/Rakahuri decrease in flow decreased algae concentrations which was reversed in the Opihi, making it hard for predictions.

The Ashley/Rakahuri had the highest toxin concentration of the rivers measured in Canterbury and more research was required into why.

Following this explanation of relationships T McAllister answered the three questions posed above.

1. Highly variable
2. Average accrual $DIN + DRP \approx$ peak in biomass. Temperature taken out of model.
3. Low accrual $DIN + DRP \approx$ higher toxin concentrations

The first part of her study was looking at patterns and the next stage of her study which she was currently undertaking was to conduct experiments to look at causative factors. These results would be important for management implications.

D Ashby commented that the map of NZ had not shown evidence of Phormidium in the Waikato and asked the significance of that. T McAllister advised that it may be due a lack of study in those rivers rather than a function of differences in the rivers.

A Meredith commented that ECan received a number of complaints regarding the odour and taint of Phormidium and asked if that was still a valid issue. T McAllister noted that it had a deep, earthy, musty smell. There were currently studies into the evidence of bioaccumulation of the toxin.

Clare Williams asked about management and T McAllister replied that there were signs at popular recreational sites.

Moved R Williams Seconded G Walton

THAT the CWMS Waimakariri Zone Committee:

- (a) **Receives** the information in the update with regard to the committee's 5 Year Outcomes and 2016 work programme.

CARRIED

6 ZONE DELIVERY – QUARTERLY UPDATE – A Arps (Waimakariri Zone Delivery Team Manager, ECan)

A Arps advised that he would be discussing the connection between the sub-regional plan and the engagement process, commenting it was good to see the engagement occurring at this meeting.

A Arps noted that in the corporate world a 'brand' rules. He believed the WWZC needed a brand to help position it at the desired level so that the community could understand. He believed that a compelling brand would improve connection, engagement and understanding through the sub-regional planning process. The importance of the emotive connection should not be underestimated as that could be used as a motivator.

A Arps presented the 'Waimakariri Land and Water Project' as the WWZC brand. The stylised braided river acknowledged highs and lows while remaining united. The new fronds of the koru symbolised delivering ground level actions.

A Arps advised that in the last quarter the Zone Delivery Team had focussed on:

1. FEPs – working toward GMP
2. Biodiversity – thanked K Schimanski for her assistance
3. Water metering – making progress
4. Resource to achieve outcomes as there were limited resources for the Waimakariri Zone.
5. Lifting things off paper – 'heartbeat' stories.

With regard to Item 5, A Arps advised the team were working on six possible stories which people could connect with and that focussed on opportunity. The six stories were bigger projects that required collaboration with other agencies. A Arps briefly explained the six stories.

1. Success from GMP – recognise empathy with farmers
2. Cam River springhead to sea – general principle of connected improvement, groundswell that began in upper Cam.
3. Old Waimakariri Channel loop track – 27km around Silverstream and Kaiapoi, using recreation to advance biodiversity.
4. Coastal extension and lower Ashley/Rakahuri.
5. Lees Valley.
6. Upper Cust and Coopers Creek.

People could connect with the six stories which could become models and illustrative of what could be achieved somewhere else. They could help change perspective and behaviours. They were physical realisations of community outcomes. They would assist when raising funds from other organisations. It was hoped to start these soon rather than at the end of engagement. It was noted that the six could be representative of each proposed management area.

R Williams commented that the project related to behaviour change and asked if those words occurred? It was noted that they did not.

Moved K Felstead Seconded C Latham

THAT the CWMS Waimakariri Zone Committee:

- (a) **Receives** the information in the briefing.
- (b) **Provides** feedback on the Zone Delivery priorities for the remainder of 2016.

CARRIED

7 GENERAL BUSINESS AND FUTURE MEETING PRIORITIES – Zone Committee Members / M Griffin

D Ashby commented that it was good to see the broader approach however they needed to be careful so that Waimakariri was not the 'bedroom of Christchurch.' The farming community was under incredible pressure and had put in large amount of effort to achieve what was set out in the 5 year outcomes, for example FEPs by September. At a Cust Main Drain meeting \$100,000 had been spent by most farmers on voluntary upgrades of effluent management systems. He was concerned at the expense of the process and believed they needed to be careful about what they were discussing. He queried how to capture the 6500 small block holders whose land use was unknown.

There being no further business, the meeting closed at 5.45pm.

CONFIRMED

Chairman

Date

AGENDA ITEM NO: 4	SUBJECT: Working Group and Committee Updates	
REPORT TO: Waimakariri Water Zone Committee		MEETING DATE: 8 August 2016
REPORT BY: Murray Griffin, Facilitator, ECan		

PROPOSAL

This agenda item provides the committee with an overview of updates as tabled.

COMMITTEE UPDATES

The following updates are tabled for the committee:

- **Confirmation of Acting Chair**

With Claire McKay confirming she will step aside from the position of Chairperson on the Waimakariri Water Zone Committee until the end of the 2016 Local Government elections, the committee will confirm its Acting Chairperson through to the November meeting.

- **Nutrient Management & Water Efficiency Working Group**

David Ashby will table an update at this meeting on this Working Group's priorities.

- **Lowlands Waterways, Braided Rivers and Biodiversity Working Group**

Grant Edge will table an update at this meeting on this Working Group's priorities.

- **Regional Committee Meeting – 9 August 2016**

Claire McKay will address any considerations or priorities the committee would like advanced to the next Regional Committee meeting on 9 August.

- **Waimakariri Zone Delivery Team – Update**

Waimakariri Zone Delivery Team Manager, Andrew Arps, will provide an update on current Zone Team priorities and achievements over April and May.

- **Sven Koops – Letter to the committee 11 July**

Dr Sven Koops tabled a letter for the committee at its 11 July meeting. It is provided as **agenda item 4-1**.

- **Zone Committee Engagement & Communications**

Engagements

- Science Stakeholder Advisory Group – 13 July, next meeting September
- U3A workshops on the Ashley/Rakahuri in July/August

Communications

- Committee's Monthly E Newsletter – Sent on 26 July.

ACTION POINTS

An updated list of action points from previous meeting will be tabled with the committee.

RECOMMENDATION

The Zone Committee are asked to receive these updates for its information and with regard to the committee's 5 Year Outcomes and 2016 work programme.

Waimakariri Zone Committee Meeting
 11 July 2016
 Public Input Session
 Sven Koops

Re Plan Change 5

I have been here on previous occasions providing my views on aspects of the LWRP. Those who remember may well think that what I am about to say is inconsistent with my prior views. Let me assure you...it is not. I want to voice my opinion on Plan Change 5 and I will use the Orange Zone as my perspective.

But let us start at the beginning, why we are all here. The Central Premise is the National Policy Statement on Fresh Water Quality. The central hypothesis by many is that dairy farming has a lead role to play in realising the objectives of the Fresh Water Policy. It is assumed that dairy farming in Canterbury plays the most significant role in contributing to poor water quality. It is also assumed that water quality is poor throughout Canterbury. I am hinting here at Adrian Meredith's January 2016 Memo on Nutrient Allocation Zones...Orange is the new Red! My following views are based on those few central points.

Plan Change 5 is softening the currently operational LWRP. Plan Change 5 slows the progress towards the Fresh Water NPS if not allow further degradation in the meantime. Plan Change 5 will allow current stocking rates to continue. Plan Change 5 will allow current fertiliser levels to be maintained. Plan Change 5 for many farmers will be a costly paper exercise. For some farmers Plan Change 5 will be a costly capital investment exercise. For a new breed of consultants it will be Christmas.

Plan Change 5 punishes those farmers, and not just dairy farmers, that have been running sustainable extensive stock operations. Those that have been operating frugally, utilising New Zealand's climatic advantages for growing pastures. Plan Change 5 will give to large intensive operations card blanche to continue with high stocking rates, intensive operations, provided they will follow Good Management Practice, which for many will be a paper exercise and for some it will mean a capital investment requirement.

Plan Change 5 is not equitable and it is slowing down the progress towards achieving the objectives of the Fresh Water Policy by letting intensive farming operations off the hook while providing disincentives to those that might be considering changing their farming systems or those that already run extensive operations.

I can only ask: "what have you done?"

Dr. Sven Koops
 (BAgrSc)

AGENDA ITEM NO: 5	SUBJECT: Communications – Update	
REPORT TO: Waimakariri Water Zone Committee		DATE OF MEETING: 8 August 2016
REPORT BY: Murray Griffin, Facilitator, ECan		

PURPOSE

To provide the committee with an update on recent communications activity and priorities.

BACKGROUND

This update will give an overview of recent communications, including a short video profiling the 'one on one' project being piloted in the Zone.

WHO

This update will be provided by:

- Gina McKenzie (Communications Advisor, ECan) and
- Andrew Arps (Zone Delivery Manager, ECan)

RECOMMENDATION

That the committee receive this briefing for its information and with regard to its 2016 community engagement priorities and 5 year outcomes.

AGENDA ITEM: 7	SUBJECT: Overview of Scenarios – Workshop
REPORT TO: Waimakariri Water Zone Committee	MEETING DATE: 8 August 2016
REPORT BY: Murray Griffin, Facilitator, ECan	

WORKSHOP PURPOSE

To provide the committee with an overview of scenarios and how they have been used in the sub regional planning processes undertaken to date.

BACKGROUND

This workshop is to assist the committee's understanding of scenarios in advance of the ECan Science Team preparing a revised set of 'draft scenarios' for the committee's consideration in September.

WHO

This workshop will be led by:

- Ian 'Whit' Whitehouse (CWMS Facilitator, ECan) and
- Jo Stapleton (Senior Planner, Environment Canterbury)

RECOMMENDATION

That the Zone Committee receives this briefing and provide feedback in support of the preparation for the Waimakariri sub regional planning process.

AGENDA ITEM NO: 8	SUBJECT: Community Engagement review – workshop	
REPORT TO: Waimakariri Water Zone Committee		DATE OF MEETING: 8 August 2016
REPORT BY: M Griffin, Facilitator, ECan		

WORKSHOP PURPOSE

To provide the committee with an opportunity to review the proposed community engagement supporting the Waimakariri sub regional planning process.

BACKGROUND

This workshop will provide a further opportunity to review the proposed community engagement plan, key messaging and supporting communications campaign as originally presented at the committee's 11 July meeting.

WHO

This workshop will be led by:

- Jo Stapleton (Senior Planner, ECan) and
- Andrew Arps (Zone Delivery Team Manager, ECan)

RECOMMENDATION

That the Zone Committee receives this briefing and provide feedback in support of the preparation for the Waimakariri sub regional planning process.