



**HURUNUI**  
*District Council*



# Hurunui-Waiau Zone Committee

## Agenda

**3.00pm, Monday, 21 March 2016**

*(Committee- Field trip to commence at 1.00pm)*

**Community Centre, Culverden**

### **Committee Membership:**

John Faulkner (Chairperson)  
James McCone (Deputy Chairperson)  
David Bedford (Canterbury Regional Council)  
Mayor Winton Dalley (Hurunui District Council)  
Vince Daly (Hurunui District Council)  
James Costello  
Michele Hawke  
Ken Hughey  
Makarini Rupene (Te Ngāi Tūāhuriri Rūnanga)  
Raewyn Solomon (Te Rūnanga o Kaikōura)  
Ben Ensor  
Dan Shand  
Olmec Sinclair

### **Quorum:**

The quorum of the meeting consists of:

- half of the members if the number of members (including vacancies) is even; or
- a majority of members if the number of members (including vacancies) is odd.

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### **The purpose of local government:**

- (1) The purpose of local government is—
  - (a) to enable democratic local decision-making and action by, and on behalf of, communities; and
  - (b) to meet the current and future needs of communities for good-quality local infrastructure, local public services, and performance of regulatory functions in a way that is most cost-effective for households and businesses.
- (2) In this Act, **good-quality**, in relation to local infrastructure, local public services, and performance of regulatory functions, means infrastructure, services, and performance that are —
  - (a) efficient; and
  - (b) effective; and
  - (c) appropriate to present and anticipated future circumstances.

*(Local Government Act 2002 – Amendment Act 2012)*

**HURUNUI – WAIAU ZONE COMMITTEE**  
**MONDAY, 21 MARCH 2016**  
**COMMUNITY CENTRE, CULVERDEN**  
 TIMETABLE & ORDER OF BUSINESS

**NOTE: field trip prior to meeting**

**1.00pm      Field trip to Dry Stream – Riparian restoration and freshwater mussels.**

	3.00pm	<b>Zone Committee Meeting commences</b> with karakia and formal order of business: <ul style="list-style-type: none"> <li>• Apologies</li> <li>• Announced urgent business</li> <li>• Interests register</li> <li>• Confirmation of minutes – 15 February 2016</li> <li>• Matters arising:               <ul style="list-style-type: none"> <li>○ Review meeting time/day</li> </ul> </li> <li>• Correspondence:               <ul style="list-style-type: none"> <li>○ Letter to Hurunui Landcare Group leaders;</li> <li>○ Letter to Jean Tompkins;</li> <li>○ Reply from LINZ.</li> </ul> </li> </ul>	Pages 4-5 Pages 6-17  Page 18 Page 19 Pages 20-21
1	3.25pm	Update on Regional Committee <i>Winton Dalley</i>	
2	3.30pm	Update from Zone Committee members on activities and meetings attended that relate to the Committee's outcomes for the zone	
3	3.40pm	General Public Contribution	
4	3.45pm	Election of Representative on Regional Committee	
5	3.50pm	Update from dryland farmers <ul style="list-style-type: none"> <li>• North Canterbury Landcare Manual</li> <li>• Hurunui Landcare Group</li> </ul> <i>James Hoban</i>	
6	4.00pm	Quarterly Report against 5-year Delivery Outcomes & Milestones <i>Zone Team, Environment Canterbury</i>	Page 22
7	4.30pm	Update from Amuri Irrigation Company (AIC) <ul style="list-style-type: none"> <li>• Infrastructure (piping)</li> <li>• Nutrient management (FEPs, auditing &amp; collective)</li> </ul> <i>Andrew Barton (AIC)</i>	Page 23
	5.00pm	BREAK	
8	5.20pm	5-year Delivery Outcomes and Milestones <i>Ian Whitehouse and Kevin Heays (Environment Canterbury)</i>	Pages 24-31
9	5.40pm	RMA 101 in relation to Regional Land and Water Plans <i>Tami Woods (Environment Canterbury)</i>	Page 32
10	6.20pm	Zone Facilitator's report <i>Ian Whitehouse (Environment Canterbury)</i>	Pages 33-36
	6.30pm	Meeting concludes	

## Register of Interests for the Hurunui-Waiau Zone Committee

Committee Member	Interests
James Costello	<ul style="list-style-type: none"> <li>• Farm owner – sheep in the Hurunui Catchment</li> <li>• Water Resource Consent to take water from the Waitohi River</li> <li>• Shareholder in Hurunui Water Project</li> <li>• Possibly an affected landowner by infrastructure of Hurunui Water Project</li> <li>• Dryland Farmers Committee member</li> </ul>
Ben Ensor	<ul style="list-style-type: none"> <li>• Land owner in the coastal hills, Jed and lower Waiau catchments.</li> <li>• Managing director of Seaward Stock Company Ltd, comprising sheep, beef and cropping enterprises.</li> <li>• Consent holder to take water for irrigation from a stream hydraulically connected to the Waiau River.</li> <li>• Member of the Hurunui Waiau Landcare Group (Dryland Farmers Group).</li> </ul>
John Faulkner	<ul style="list-style-type: none"> <li>• Dairy farm owner in the Amuri Basin.</li> <li>• Irrigation water supplied by Amuri Irrigation Company Ltd (Shareholder).</li> <li>• Dairy Support block owner, consent to take water from a gallery.</li> <li>• Member of the independent irrigators Group.</li> <li>• Rural Real Estate Agent for Bayleys Realty Ltd.</li> </ul>
Michele Hawke	Nil
Dan Shand	TBC
Mayor Winton Dalley	<ul style="list-style-type: none"> <li>• Register of Interests lies with the CEO of the Hurunui District Council.</li> </ul>
Ken Hughey	<ul style="list-style-type: none"> <li>• Professor of Environmental Management, Lincoln University (2 days per week)</li> <li>• Chief Science Advisor, Department of Conservation, Wellington (3 days per week)</li> <li>• Board member Waihora Ellesmere Trust</li> <li>• Board member Hanmer Springs Conservation Trust</li> <li>• Member Royal Forest and Bird Protection Society.</li> <li>• Member Royal Society of NZ</li> <li>• Member NZ Geographical Society.</li> </ul>
Olmec Sinclair	Nil
Makarini Rupene	TBC
Raewyn Solomon	<ul style="list-style-type: none"> <li>• Member/Employee of Te Rūnanga o Kaikōura</li> <li>• Kaikōura's Alternate representative on the Te Rūnanga o Ngāi Tahu governance board.</li> <li>• Member of Kaikōura District Council planning committee</li> <li>• Member of Kaikōura District Council Hearings and Applications committee</li> <li>• Member of Te Tihi o Rauheia Trust (Hanmer Springs)</li> <li>• Member of Te Korowai o Te Tai o Marokura (coastal strategy)</li> <li>• Certified RMA Hearings commissioner.</li> </ul>
James McCone	<ul style="list-style-type: none"> <li>• Dairy Farming businesses- Director and Shareholder</li> <li>• Dry Creek Dairy Ltd- AIC Balmoral scheme</li> <li>• Kinloch Dairy Ltd- AIC Waiau Scheme</li> <li>• Dairy Farm Director</li> <li>• LH Dairy Ltd- Independent irrigation consent, lease of dryland hill</li> </ul>

	country <ul style="list-style-type: none"> <li>• Water management</li> <li>• Amuri Irrigation Company Director</li> <li>• Committee Member Upper Waiau Independent Irrigators</li> <li>• Informal interest in potential emu plains irrigation</li> </ul>
Councillor Vince Daly	<ul style="list-style-type: none"> <li>• Farm owner - mixed cropping and livestock farm</li> <li>• Water resource consent to take water from unnamed lake in Jed catchment</li> </ul>
Commissioner David Bedford	TBC

# HURUNUI DISTRICT COUNCIL MINUTES



<b>Meeting</b>	Hurunui-Waiau Zone Committee
<b>Date and Time</b>	15 February 2016, 3.00pm
<b>Venue</b>	Council Chambers, Amberley
<b>Members Present</b>	John Faulkner (Chair), Mayor Winton Dalley, James McCone, Michele Hawke, Ken Hughey, James Costello, Makarini Rupene, Ben Ensor, Olmec Sinclair, Lynda Murchison and Dan Shand.
<b>In Attendance</b>	<p><b>Environment Canterbury (ECan)</b> – Ian Whitehouse (Zone Facilitator), Michael Bennett, Kevin Heays, Stephen Bragg, Tania Butterfield, Lyn Carmichael, Alexia Foster-Bohm, Lisa Jenkins, Jessica Hill, Barbara Nicholas and Renay Weir.</p> <p><b>Lincoln University</b> – Ronlyn Duncan</p> <p><b>Hurunui Water Project</b> – Alex Adams and Karen Renouf</p> <p><b>Amuri Irrigation Company (AIC)</b> – Alistair Rutherford</p> <p><b>Department of Conservation (DOC)</b> – John Benn and Daniel Kimber</p> <p><b>Fish and Game</b> – Scott Pearson</p> <p><b>Public</b> – Jenna Knobloch (Oregon State University), Lesley Shand, Edward Webster (Oregon State University)</p> <p><b>Committee Secretary</b> – Michelle Stanley</p>
<b>Recording Device</b>	A recording device was in use for the accuracy of the minutes.
<b>Karakia</b>	The Karakia was performed by Stephen Bragg.
<b>Apologies</b>	<p>Apologies were received from Commissioner David Bedford, Raewyn Solomon, Makarini Rupene and Councillor Vince Daly.</p> <p>THAT THE APOLOGIES BE ACCEPTED.</p> <p>Faulkner/Costello <span style="float: right;">CARRIED</span></p>
<b>Conflict of Interest Declarations</b>	Nil.
<b>Urgent Business</b>	Nil.
<b>Welcome to new members</b>	John Faulkner, on behalf of the Committee, welcomed Ben Ensor, Olmec Sinclair, Lynda Murchison and Dan Shand and invited them to introduce themselves.
<b>Interests Register</b>	Ian Whitehouse spoke to the interests register report and asked each of the members to list their interests:

**Register of Interests      Hurunui- Waiau Zone Committee**

<b>Committee Member</b>	<b>Interests</b>
James Costello	<ul style="list-style-type: none"> <li>• Farm owner – sheep in the Hurunui Catchment.</li> <li>• Water Resource Consent to take water from the Waitohi River.</li> <li>• Shareholder in Hurunui Water Project.</li> <li>• Possibly an affected landowner by infrastructure of Hurunui Water Project.</li> <li>• Dryland Farmers Committee member.</li> </ul>
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Olmec Sinclair	Nil
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Raewyn Solomon	<ul style="list-style-type: none"> <li>• Member/Employee of Te Rūnanga o Kaikōura.</li> <li>• Kaikōura's Alternate representative on the Te Rūnanga o Ngāi Tahu governance board.</li> <li>• Member of Kaikōura District Council planning committee.</li> <li>• Member of Kaikōura District Council Hearings</li> </ul>

	and Applications committee. <ul style="list-style-type: none"> <li>• Member of Te Tihi o Rauheia Trust (Hanmer Springs).</li> <li>• Member of Te Korowai o Te Tai o Marokura (coastal strategy).</li> <li>• Certified RMA Hearings commissioner.</li> </ul>
James McCone	<ul style="list-style-type: none"> <li>• Dairy farming businesses- Director and Shareholder.</li> <li>• Dry Creek Dairy Ltd- AIC Balmoral scheme.</li> <li>• Kinloch Dairy Ltd- AIC Waiau Scheme.</li> <li>• Dairy Farm Director.</li> <li>• LH Dairy Ltd- Independent irrigation consent, lease of dryland hill country.</li> <li>• Water management.</li> <li>• Amuri Irrigation Company Director.</li> <li>• Committee Member Upper Waiau Independent Irrigators.</li> <li>• Informal interest in potential Emu Plains Irrigation.</li> </ul>
Councillor Vince Daly	<ul style="list-style-type: none"> <li>• Farm owner - mixed cropping and livestock farm.</li> <li>• Water resource consent to take water from unnamed lake in Jed catchment.</li> </ul>
Commissioner David Bedford	TBC

This register will be published at the front of each agenda.

## Minutes

THAT THE MINUTES OF THE COMMITTEE MEETING HELD ON 14 DECEMBER 2015 ARE CONFIRMED, SUBJECT TO THE FOLLOWING AMENDMENTS:

- Page 7, Correspondence, letter regarding erosion control from Jamie McFadden and Hamish Pain, First bullet point, change initiate to initiative.
- Page 7, Correspondence, letter regarding erosion control from Jamie McFadden and Hamish Pain, fifth bullet point, add "... a concentrated effort to take them all out in **a number of places.**"
- Page 9, New Committee members, change paragraph to read "John Faulkner officially announced the new Committee Members to the Zone Committee. Ben Ensor, Dan Shand, Lynda Murchison and Olmec Sinclair will be the new seats on the Hurunui-Waiau Zone Committee. The Committee wishes to thank David Eder and Mike Hodgen for their commitment and long standing services to the Committee."
- Page 9, Item 3, bullet point 1, replace "Dryland Farmers" with "Environment Canterbury, Peter Skelton, Commissioner David Bedford and David Caygill".
- Page 9, Item 3, bullet point 2, reword the last sentence to "the Hon. Bill English was present at two of the field days."
- Page 10, bullet point 2, change the second sentence to read "...by the end of 2015 and they..."



- Page 10, Item 6, paragraph 3, “Andrew **Hurley**, from Mainpower, responded”.
- Page 13, heading **Break**, split this item and add heading “Thanks to Retiring Members”.

Faulkner/Costello

CARRIED

**Matters Arising:**

**Page 7, Matters Arising**

- John Faulkner and Michele Hawke still to talk to the landowners regarding the Land Information New Zealand issues. Michele Hawke will spearhead this.

**Page 10, Recommendation – a thank you letter be written to Ben Ensor and his team...**

- This recommendation under item 5 is still to be completed.

**Follow up to recommendations from Hurunui-Waiau Zone Committee to Environment Canterbury (ECan) on “20ha winter grazing” threshold for permitted activities in Plan Change 5.**

Brett Aldridge gave an update on this to the Committee. The main points were:

- Plan Change 5 was notified on Saturday, 13 February 2016. Submissions will close on the 11 March 2016 and the hearings will begin in August 2016 at the earliest and November at the latest.
  - They used a number of representatives from a variety of groups around the area such as Federated Farmers and Fish and Game, to form a policy users group to discuss and set the rules for the Plan Change 5.
  - This group, with the help from ECan, made the decision that the framework and thresholds were solid enough to progress it through to the submissions stage.
  - These provisions will not have any effect until Plan Change 5 is operative and the Hurunui-Waiau Plan will trump over this plan in the Hurunui-Waiau zone.
  - Positive discussions were held with the Cheviot dryland farmers and other interested farmers.
  - The winter grazing topic is the most contentious topic and the feedback has been considerable.
  - While it was clear that interested parties wanted the 20ha winter grazing threshold fixed before it was notified it was decided that there was no clear answer and they hope that solutions will come through submissions.
  - There is time to get this right and the hearing process is the correct place to hear this.
  - There are a couple of meetings on Plan Change 5 to be held on 24 February in Kaikoura and 29 February at the St Johns Hall in Amberley. This has been advertised in local media.
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Discussion was held and the following main points were made:

- Ben Ensor, on behalf of the dryland farmers, said that a lot of discussion has been held on this and they will be frustrated that the process has happened this way. They feel that there has not been adequate time allowed from when they were made aware of the plan change to when substantial evidence was required.
- A question was raised regarding how it can be called a collaborated process if a large number of people involved in the policy users group did not agree with 20ha Winter Grazing. Brett Aldridge responded saying that while all points of the Plan Change 5 were not agreed upon by all, they did agree on the package as a whole.
- A suggestion was made that the notices for the meetings make note of the area that these rules actually apply. **Brett to make this clear.**
- The Committee needs to be engaged in the PC5 process. Ultimately this will roll out through the plan reviews and will have a huge impact on the 2018 Plan Change.
- It is felt that this will not have a minimum impact on the affected farmers as per Brett's suggestion. The number will affect the majority, if not all, of farmers in these areas.

Ian Whitehouse asked that Brett consider all of the views of the Committee.

#### **Jean Tompkins reassignment**

The Zone Committee would like to write a letter to Jean Tompkins thanking her for her contribution and efforts on the Zone Team.

#### **Correspondence**

#### **Recommendations on Waipara hapua and reply from Hurunui District Council**

- The information was well received and no further comments were made.

#### **Reply to Jamie McFadden and Hamish Pain**

- The letter was accepted by the Committee. It was suggested that this letter be followed up with a positive one as the current letter was felt to have negative connotations.
- A query was raised regarding what ECan nursery's policy was regarding poplars and whether they have looked in to alternative plants.
  - Ian Whitehouse did not know what the nursery's approach is however he mentioned that willows and poplars have proved effective in the past.
  - He is not aware of any studies that have involved native plants and effective river control.
  - Karen Renouf has access to some research on cabbage trees and will email it to Ken Hughey.
  - There was a suggestion that this could be a good study for students to get involved in.

**It was agreed that this should be deferred to a future agenda or workshop for further discussion and solutions.**

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**Letter to Land Information New Zealand (LINZ) regarding sale of riverbed land in the Zone.**

- LINZ has not responded to the letter or to the invitation to attend a Zone Committee meeting.
  - As it seems to be rather difficult to get a representative from LINZ to attend a meeting or respond it was suggested that the Committee enlists the help of Dame Margaret Bazley.
  - **Ian Whitehouse to pursue with the help from ECan staff.**
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**1. Update on Regional Committee**

Mayor Winton Dalley advised that there was nothing of significance to report on the Regional Committee.

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**2. Update from Zone Committee members on other activities and meetings attended that relate to the Committee's outcomes for the Zone.**

- John Faulkner attended a rural professionals meeting. There were approximately 50 attendees and there was a good presentation from Mike Bennett and the Environment Canterbury team. Only two knew anything about the Matrix of Good Management Portal and John Faulkner was one of them.
  - Dairy New Zealand held a small meeting on Plan Change 5 which was attended by James McCone. Some concerns were raised around the proxies for the portal. There was an overall nitrogen increase by 25% which was surprising to everyone.
  - There was a public meeting on the Emu Plains Irrigation Scheme which Andrew Barton and James McCone attended. Amuri Irrigation has funded some design work to do an irrigation scheme through the Emu Plains. There has been some consultation with the wider community which included around thirty farmers and it has been unanimously supported.
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**3. General Public Contribution**

Nil.

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**REPORTS, SPEAKERS AND PRESENTATIONS**

**4. Update from Dryland Farmers**

Ben Ensor reported that not a lot had been done over the Christmas break and the first meeting for the year is to be held on Wednesday, 17 February.

By the end of 2015 they have had 60-70 completed forms to join the Landcare Group. They will begin pushing for membership again.

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**5. Update from Zone Team**

Kevin Heays updated the Zone Committee:

- **Waipara River Hapua Action Strategy.**
    - The Committees recommendations were favourably received and have been actioned.
    - The access from the end of the golf course to the beach has been discussed. They met with a number of stakeholders on this issue. It is currently a mess and needs work. Makarini Rupene is working on this, he feels that the area can be cleaned up as long as everyone pitches in and helps. Is a work in progress but will hopefully be done in the next six weeks.
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- Opening of the river mouth – This is still a work in progress but is in active discussion.
- Kevin reminded that if anyone has any issues or need help from ECan then to please contact the team as that is what they are there for.

## 6. Summary of Hurunui Water Project's Consent conditions

Virginia Loughnan (ECan)

Virginia Loughnan, team leader consents, gave a summary on the Hurunui Water Project's (HWP) consent conditions:

- There are some differences in the nitrogen load between the Water Permit and the Land Use Consent. Essential they are the same losses but measured in different ways.
- The phosphorus conditions are the same on both the Land Use Consent and Water Permit.

Discussion was held on the effects of the consent being issued. Some of the main points were:

- There was concern that non-shareholders that are in the consent and permit areas will be affected by this. Condition 5 reads that non-shareholders will be responsible and it feels like this could lead to further issues down the track especially if the land is sold on.

Virginia explained that the HWP will have to account for each landowner and their losses. So if not a shareholder but are in the command area they don't have responsibly. It will be up to the HWP, as the consent and permit holder, to manage these issues. The Hurunui District Council will also be aware of who is in the group and who is not.

- The management of phosphorus and nitrogen will not be an easy process and will costly.
- There is a timeframe for all of the conditions and some of them are very tough. The issue is also the sequencing of the conditions.
- A question was raised on how the phosphorus would be managed.

Alex Adams, from HWP, explained that the Commissioners considered the phosphorus management and there is still a long way to go. When shareholders get their conditions to the water there will be other issues other than the price of water. Will not be a simple process.

- It was queried as to how anyone would know if it was HWP that had raised the nitrogen in the river or a non-shareholder.
- There are essentially no changes to what they had already. The commissioners felt that there was a way to not increase the loads.
- It was thought that there are some hard realities here that do not line up with the Zone Committees original ZIP. Need to bear in mind when reviewing.

Alex Adams from HWP gave an overview of the consent:

- There is a lot of work to be done from a governance aspect.
- Alex thanked ECan for the solid effort and quick turnaround. It made the process easier.
- The HWP have applied to the IAF for their one-to-one funding to be renewed and they have passed the first stage. Minister Nathan Guy was pivotal in speeding up the process.

The Zone Committee offered its help to the HWP if they should need it.

## 7. 2016 Work Programme for Hurunui-Waia Zone Committee

Ian Whitehouse (ECan)

Ian Whitehouse spoke about the work programme for 2016.

- When considering the work programme there are various avenues that come into play including funding and availability of material.
- The 5 year plan is also pivotal in considering the work programme. This could essentially mean that after the 5 year plan has been reworked there may be additional work to add to the programme.
- This is a working document so some of the items will change as per requests or if additional items crop up.
- It was agreed that a 3 monthly review of this plan would be good practice and have it on hand during meetings.

## Break

*The meeting adjourned for a break at 4.29pm and reconvened at 4.50pm.*

## 8. Annual Report for the Community 2015

Ian Whitehouse (ECan)

Ian Whitehouse talked to the annual report for the community. He asked that John Faulkner, as the chairperson and anyone else that wishes to attend, present this to the Environment Canterbury Commissioners on Thursday 25 February and the Hurunui District Council on Thursday 3 March.

Ian Whitehouse asked the Committee for feedback on the report. The overall view was that it was well presented and some suggestions were made:

- That the map includes Hanmer, Waikari, Hawarden, and Waiau. Also that the major rivers, the Waipara, Hurunui, Conway and Waiau, are represented on the map via lines.
- That the map is zoomed in to just represent the Hurunui-Waiau Zone rather than the whole South Island.
- A number of other suggestions were made to which Ian made note.

**John Faulkner, Michele Hawke and Mayor Winton Dalley indicated their willingness to attend the meetings.**

## 9. 5 year Delivery Outcomes and Milestones (draft)

Ian Whitehouse and Kevin Heays (ECan)

Ian Whitehouse provided a summary on the background of the 5 year implementation outcomes and milestones. He asks that an initial discussion is held on the outcomes and milestones and then a working group is appointed to develop a final draft.

Discussion was held and it was generally agreed that the outcomes were good with a couple of amendments. These amendments were noted by Ian Whitehouse. Below are some of the suggestions that were raised:

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### Outcome 2

- Heading to read “**The recommended water package** is widely supported in the wider community that has an interest in the area.”

### Outcome 3

- Heading to read “Widely supported integrated water infrastructure **solutions** for...”

Milestones:

1. Integrated water infrastructure **solutions** for Hurunui, Waiau and Waipara catchments...”
3. Alex suggested a milestone event rather than a timeline. Alex to go back to the shareholders of HWP for alternatives. Alex to email Ian Whitehouse with any suggestions.

### Outcome 6

- Title changed to “Recreational and **Amenity** Opportunities.”
- A braided rivers outcome was suggested which would involve LINZ, Regional Councils, weeds control and habitat.
- It was suggested to have an appropriate monitoring and reporting milestone for key swimming spots/contact recreational spots.

### Outcome 7

- All the information is already available and plans are in place.
- A suggestion was made to involve drinking water as this is a key outcome in the ZIP and is a key CWMS target

### Outcome 8

- This outcome requires further development and review.

Alistair Rutherford from Amuri Irrigation Company (AIC) tabled a document outlining the AIC milestone status for 2013-2018. The performance measurement that they are prepared to work with is:

#### “Performance Measurement

Performance will be measured by annual FEP Audit Performance Report which will set out:

- Number of farms audited;
  - Number of FEP Audit grades awarded (A to D);
  - Number of repeat C and D grades;
  - Reasons for C and D grades;
  - Summary of new actions required by management category (ie Irrigation Management, Nutrient Management etc);
  - Programme of actions to improve performance;
  - Progress report on previously identified issues;
  - Identified illegal discharges and actions taken; and
  - Results of independent audit of AIC Environmental Collective’s FEP and FEP Audit systems and Processes.”
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AIC is happy to provide an annual performance review to the Committee. This is what they are happy to commit to rather than what is proposed in the draft.

AIC struggles with the proposed milestone with a target for farms to achieve A or B audit grades as AIC will not know until the first round of audits whether this is achievable.

After running through the progress of AIC and what they are prepared to do, discussion was held:

- Discussion was held around the timeframe of having all water takes measured. The milestone of having 80% application water efficiency is technically impossible to measure. They currently go on the irrigation performance and the distribution uniformity measures from all suppliers. It is partly quantitative and qualitative. They hope that by 2018, when all of the audits have been finished, they will have more information on this.
  - It was suggested that AIC's model could be something for the working party to look at and look at modelling it as standard to all collectives.
  - Overseer data has been a work in progress due to the large variation of data that has been received. Fonterra agreed to run a series of drop in days to ensure that all of the information that is entered into Overseer is correct including the mapping.
  - A lot of discussion was held around the effectiveness of the grading system versus percentages. The following points were made:
    - An A grade farm is audited every 4 years and a B grade farm is audited every 2 years this would provide the incentive for farms to achieve a higher grade
    - Auditing will be crucial in ensuring all farms in the collective are at Good Management Practice (GMP). AIC will be able to tell who are not achieving the grade.
    - The shift from percentages to grades is seen as more encouraging and achievable.
    - If a farm is constantly achieving below the B grade then this triggers a re-audit and they can potentially be dropped from the collective.
  - AIC asked that it be given an extra 6 months so that all members of the collective have had time to complete their audits.
  - It was suggested that the 5 year outcomes should link back to GMP.
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#### **10. Election of officers and working groups**

##### **Election of Chair**

- Nominations for Chairperson were called for by Ian Whitehouse. The following nominations were made:
  - John Faulkner was nominated by Michele Hawke
  - No further nominations were forthcoming and nominations were closed.

Hawke/Costello

CARRIED

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- John Faulkner was elected as the Hurunui-Waiau Zone Committee Chairperson for the next 12 month term.

#### **Election of Deputy Chair**

- Nominations for Deputy Chairperson were called for by John Faulkner. The following nominations were made:
  - James McCone was nominated by Ken Hughey/Michele Hawke seconded.
  - No further nominations were forthcoming and nominations were closed.

Hughey/Shand

CARRIED

- James McCone was elected as the Hurunui-Waiau Zone Committee Deputy Chairperson for the next 12 month term.

#### **Election of Representative on Regional Committee**

- Nominations for a replacement regional Committee representative were called for by Ian Whitehouse.
  - No nominations or volunteers were forthcoming for this position therefore this item will be reviewed in the March meeting.

#### **Confirmation of membership of the Biodiversity Working Group**

- Volunteers were called for the Biodiversity Working Group to expand it from just Michele Hawke and Makarini Rupene and add 1 or 2 additional members.
- Dan Shand and Olmec Sinclair indicated their willingness to join the Biodiversity working group.

THAT THE BIODIVERSITY WORKING GROUP CONSIST OF FOUR MEMBERS BEING MICHELE HAWKE, MAKARINI RUPENE, DAN SHAND AND OLMEC SINCLAIR.

Costello/Dalley

CARRIED

#### **Establish the 5-Year Outcomes Working Group**

- Ian Whitehouse called for volunteers for a 5-Year Outcome Working Group that will meet within the next few weeks to finalise the 5-year Delivery Outcomes and Milestones. These would then be presented as a recommendation to the Zone Committee at its meeting on 21 March.
  - James McCone, Ken Hughey, Michele Hawke and James Costello volunteered to be a part of this working group.
  - The group will schedule to meet once before the 21 March meeting. Ian Whitehouse will be in contact to organise this.
- 

#### **11.Zone Facilitator's Report Ian Whitehouse (ECan)**

The Zone Facilitator's Report is to inform the Committee of any issues that are worth noting but do not warrant a presentation.

Ian Whitehouse talked about the review of the regional pest management plan. There are some substantial shifts on how things are currently done.

- It is currently in feedback submission stage.
  - The Zone Committee is not putting in a submission. Therefore any submissions need to be from individuals.
-



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Ian tabled a two page summary document on the Hinds Plan change in the Canterbury land and water regional plan. This is a framework for action to address over-allocation of water resources and nutrients in the Hinds/Hekeao Plains area.

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**Urgent Business**

Nil

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**Meeting  
concluded**

The meeting concluded at 6.34pm.

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**Next meeting**

Monday, 21 March 2016.

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Via email to Andrew Harris, James Hoban and Ben Ensor

Dear Andrew, James and Ben

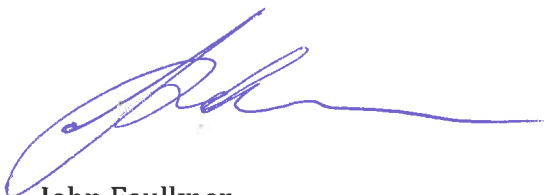
### **Hurunui Landcare Group**

The Hurunui Waiau Zone Committee thanks you for your contribution in bringing together dry land farmers in the zone to form the Hurunui Landcare Group.

The committee wishes to acknowledge the hard work you have put in, starting with the Sustainable Farming Fund project and culminating in the formation of the Landcare Group. Your work has lifted the knowledge of good management practices and sustainable dryland farming in the zone.

The committee thanks you for the constructive approach you have taken in helping manage the challenges to dryland farming from the “10%-rule” in the Hurunui Waiau River Regional Plan. The committee looks forward to hearing about the progress of the Hurunui Landcare Group and to working with this Group in the sub-regional process.

Yours sincerely



John Faulkner  
Chair, Hurunui Waiau Zone Committee

Via email to Jean Tompkins

Dear Jean

**Hurunui Waiau Biodiversity**

The Hurunui Waiau Zone Committee thanks you for your contribution to enhancing biodiversity in the zone.

The Committee appreciates your work as the Biodiversity Officer, from the early days of the committee to the end of 2015. You have championed native biodiversity in the zone. Your role in developing and supporting projects through the Immediate Steps Fund has been a very important part of the Committee's success.

The Committee especially thanks you for your leadership in developing the Waipara Hapua Action Strategy.

Yours sincerely



John Faulkner  
Chair, Hurunui Waiau Zone Committee



Our Ref: PRY-A30-13519-DIS-Z/01

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9 March 2016

John Faulkner  
Chair  
Hurunui Waiau Zone Committee  
PO Box 345  
**Christchurch 8140**

Dear Mr Faulkner

### **LINZ land disposal – Hurunui Waiau Zone**

I apologise for not replying before now to your letter of 22 December 2015 which was passed to me by the Chief Executive of Land Information New Zealand for response.

Land Information New Zealand (LINZ) is considering applications received from adjoining land owners to purchase riverbed lands along the Hurunui and Waitohi rivers. These riverbed lands are Crown land under the Land Act 1948 (the Act) and LINZ is exploring the possibility of disposal in terms of the Act. No decision has yet been made on whether or not the riverbed areas will be disposed of to the applicants.

LINZ's disposal process for Crown land under the Act involves a number of steps which include:

1. Determining any statutory or government policy requirements that may exist for the land. This includes approaching the Department of Conservation;
2. Offering the land to Māori under a Treaty claim settlement, in this case Ngāi Tahu; and
3. Selling the land on the open market or by allotting the land without competition to an applicant.

Disposals might not involve all of these steps as land could be disposed of at any stage depending on the outcome of each step. Currently the areas of land concerned are at step 1 of the process and LINZ has commissioned a Qualifying Water Bodies report which will define the exact position of the rivers and where marginal strips would be required in terms of s24 of the Conservation Act 1987 if a disposal outside the Crown occurs.

The report (when completed) will be provided to the Department of Conservation (DOC) for its consideration as it will help DOC decide the width of any marginal strip that will be required if and when the land is disposed of. If DOC ultimately determines that it requires any of the land for conservation or reserve purposes it can apply to LINZ to have that land set apart for those purposes so that the land is retained in Crown ownership. Otherwise the land will be able to move to the next steps in the disposal process.

I note your comments about the Canterbury Water Management Strategy and the National Policy Statement for Freshwater Management. Any owner's use of the land regardless of whether the land is owned by the Crown or is privately owned will be required to comply with any land and water use and water quality requirements that Local and Regional Councils have implemented in the area.

Yours sincerely



John Hook  
Group Manager Crown Property

AGENDA ITEM: 6	SUBJECT MATTER: Quarterly Report against 5-year Delivery Outcomes & Milestones
REPORT BY: Zone Team, Environment Canterbury	DATE OF MEETING: 21 March 2016

### Action required

Committee members note report below from Zone Manager.

*"Welcome to the Jan- March quarterly report from the Kaikoura Hurunui Waiau Zone Implementation Team to your committee regarding progress on works around your 5 year outcomes. To those new to the committee ( or to those who have forgotten) the team comprises of myself as manager, Michael Bennett as Senior Land Management Advisor (LMA), Jesse Hill as Bio Diversity Officer, Chloe Armour as LMA (Kaikoura Hurunui Waiau) and Rob Hubbard as Compliance and Monitoring officer.*

*To simplify our role description we could say that we work for the committee to get stuff done so the outcomes you have agreed to - can be met. The team has the full support of, and access to, Environment Canterbury's resources, expertise, directorship and politicians. We have a number of partners, including industry organisations and more significantly, the Hurunui District Council organisation.*

*In a general sense, it needs noting that the team, although being "around" since mid-2015 is now morphing into a cohesive and interactive group of people who are developing an admirable sense of comradery, common purpose and knowledge of the Hurunui Waiau Zone geography, communities and individuals.*

*In the last quarter, we have been spending considerable time in training of new technology application, technical personal and professional development along with the seemingly endless Safety & Health courses. I don't believe that these have detracted us from our work in the field as you will hear through the presentation.*

*Another point worth noting is that during this last quarter, as you will be aware, the outcomes and milestones for these have been going through a period of revision with possible change. The Zone Team are aware of this but have based our activities and this report around the outcomes with their current status.*

*We do look forward to the revised and accepted results. With being in place we believe the more simpler language, realistic milestones and most importantly the recognition of committee "leads" in each, will allow a clearer focus, direction and committee leadership/involvement in our quest to get that "stuff" done.*

*To conclude, recent times remind us that we need to be sensitive and aware of ever changing times in our community. Weather and economics, in particular, seemingly constantly changing- with those changes bringing a wide variety of emotions, farming practices, affordability coming under close scrutiny – both on and off the farm. I would like to take this opportunity to say that your Zone Team is acutely aware of the effects those changes can have on individuals and communities and we will strive continue to work within and around those changes and their effects.*

*At this stage of your agenda the team will present in a more visual way, their progress toward your targets around their particular areas of responsibility."*

Nga mihi, Kevin Heays

AGENDA ITEM: 7	SUBJECT MATTER: Update from Amuri Irrigation (AIC)
REPORT BY: Andrew Barton, AIC	DATE OF MEETING: 21 March 2016

### Action required

Committee members note update from AIC.

### AIC Pipe Upgrade

- Proposal to pipe AIC lateral races
- Allows for 4,500 ha of additional irrigation through reduced leakage and bywash
- New area is a mixture of dryland, addition to existing irrigation, and supplementing or replacing unreliable water sources
- Special General Meeting held on 24 Feb with 95% voter turn out
- Over 95% of shareholders voted to pipe the scheme lateral races
- Shareholders also voted for:
  - i. Rotherham extension along Rotherham Rd North to supply existing and new irrigators
  - ii. Hydropower generation on 3 pipelines
  - iii. A link to allow water to move between the Balmoral and Waiau schemes
- **Current work streams:**
  - i. Detailed Design
  - ii. Establishing project team
  - iii. PDS (previously known as a prospectus)
  - iv. Programme – can a 2017 delivery date be achieved?

### AIC ISMP/Environmental Collective

- Currently covers 150 farms
- FEP audits of 1/3 of AIC shareholder farms expected to be completed by Alastair by end of April '16
- Alastair completed ECan Certified FEP Auditor course last year and all AIC audits being conducted to standards set out in ECan FEP Auditor Manual
- Waiau and Hurunui River independent irrigators in the process of joining AIC Environmental Collective and having FEPs prepared (56 new farms)
- Contract being prepared to bring independent irrigators into Environmental Collective
- **Programme for rest of 2016**
  - i. Review of audit results and data management system by end of June '16
  - ii. ISMP/EMS formal review and C/D Grade support packages prepared by end September '16
  - iii. ISMP / EMS reporting and preparation for '17 audits by end of December '16
- Maintaining ISMP/EMS and running Environmental Collective to ECan standards is a significant undertaking
- Current membership will fully account for all Alastair's time plus ~8-10 hours per week for an administrative contractor and further professional support from Aqualinc and Claire Mulcock

AGENDA ITEM: 8	SUBJECT MATTER: <b>5-year Delivery Outcomes and Milestones</b>
REPORT BY: Ian Whitehouse, Environment Canterbury	DATE OF MEETING: 21 March 2016

### **Action required**

- Committee members approve the 5-year Delivery Outcomes and Milestones (attached) as the basis for the Zone Team Work Programme.

### **Background**

The Committee agreed 5-year Implementation Outcomes and Milestones in October 2014 with these to be reviewed annually. Hurunui Waiau was the first zone to prepare 5-year outcomes and milestones. They are part of the increased focus on ensuring work programmes focus on delivering zone committee's outcomes and recommendations (i.e. delivering the ZIP).

Ian Brown (interim Zone Manager) used the 5-year outcomes as the basis of reporting to the committee on the Zone Team's work programme.

The Zone Team with Ian Brown and the zone facilitator have reviewed the 5-year outcomes and milestones. Changes were made to make them more practicable and to cover more CWMS target areas.

Andrew Barton, AIC, provided input into the milestones of Outcome 1: Operate at GMP. David Edge, Hurunui District Council, provided the outcomes statement and milestones for Outcome 7: Reliable drinking water.

Outcome 8: Enhance Mahinga Kai has not been developed. It is proposed to do this over the next months.

Draft Outcomes and milestones were discussed with Ken Hughey, James McCone, Ben Ensor and Michelle Hawke. Their changes have been included in the document attached.

### **Discussion at meeting**

At the meeting the committee discuss the proposed 5-year Delivery Outcomes and Milestones and approve them as the basis for the Zone Team's Annual Work Programme and for reporting to the Zone Committee.

The Delivery Outcomes and Milestones will be reviewed in 12 months. It is expected that they will evolve as we learn more about this process of setting, delivering and reporting against outcomes and milestones.

### **Attachments**

1. Proposed 5-year Delivery Outcomes and Milestones



## Hurunui Waiau Zone – 5-year Delivery Outcomes and Milestones (at 13 March)

### Outcome 1: Operate at GMP

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***Hurunui Waiau Zone farmers are operating at Good Management Practice (GMP) levels or better.***

#### Milestones:

1. GMP “Game plan” for the zone agreed between ECan and sectors and endorsed by zone committee by December 2016. This Game Plan to include prioritisation (e.g. by sector, location), roles of different organisations, compliance strategy, approach to extension and recognition of local conditions (dairy payout and impact of drought).  
Lead: Ian Brown
2. Communications strategy reviewed annually and updated, if necessary, by zone committee in April and November each year.  
Lead: Michael Bennett
3. All irrigated farms have audited farm environment plans, whether as part of a collective or not, by March 2017.  
Lead: Michael Bennett (Milestone done by AIC in large part)
4. At least 50% of dry land farms in the Hurunui and Waiau catchments of greater than 50ha have a farm plan by June 2017.  
Lead: Michael Bennett (Milestone done by Landcare Group in large part)
5. Complete first round of FEP auditing on AIC Collective farms involving 30% of farms by August 2016. Farms which receive C and D audit grades are actively supported with 90% achieving a better grade subsequently.  
Lead: Michael Bennett (Milestone done by AIC)
6. Complete all first audits on AIC Collective farms by August 2018.  
Lead: Michael Bennett (Milestone done by AIC)
7. Compliance strategy to support GMP uptake in the zone endorsed by the zone committee by December 2016.  
Lead: Richard Purdon (tbc)
8. Zone Manager reports to zone committee, in a timely manner, on response taken to significant one-off matters.  
Lead: Kevin Heays

#### ***How will this outcome be measured?***

- % farms that require an audit that receive an A or B grade (in the longterm – not over next few years)
- % uptake of benchmark GMP practices (e.g. irrigation efficiency, wintering practices etc)
- % of farms with irrigation that have audited farm plans;
- % of farms that have irrigation;
- Number of dryland farms with a FEP

#### **Management oversight**

*Zone Committee Sponsors – Ben Ensor and James McCone (dryland & irrigated)*

*Zone team responsibility – Mike Bennett*

## Outcome 2: HWRRP review & sub-regional

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***Widely supported HW sub-regional plan which supports economic development while maintaining and/or enhancing cultural and environmental values, is in place.***

### Milestones:

1. Comprehensive community engagement strategy for the sub-regional plan development process agreed and endorsed by the zone committee by March 2017.  
Lead: Whit (with yet to be appointed community engagement person)
2. Sub-regional plan science (biophysical, economic and farm system) programme agreed and endorsed by zone committee by December 2016.  
Lead: Whit (with Technical Lead)
3. Zone Committee agrees by October 2016 the preferred method, for managing N and P at property scale (including N “allocation”) to achieve water quality outcomes for the waterways in the zone.  
Lead: Whit (with Technical Lead)
4. The Zone Committee’s recommended water management solutions package for the whole zone (ZIP Addendum) is widely supported by stakeholders and finalised by XX 2017.

### ***How will this outcome be measured?***

- *Survey to determine the degree of acceptance of the revised HWRRP.*

### ***Management oversight***

*Zone Committee Sponsor – All of committee*

*Zone team responsibility – Ian Whitehouse*

## Outcome 3: Integrated water infrastructure

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***Widely-supported integrated water infrastructure solution for Hurunui, Waiau and Waipara Rivers and agreed and in process of implementation***

### **Milestones:**

1. Integrated water infrastructure solution for Hurunui, Waiau and Waipara catchments agreed by HWP, NTP and AIC and endorsed by zone committee by December 2016.  
Lead: Brett Painter
2. Twice-yearly report to zone committee from HWP, NTP & AIC re progress on integrated solution.  
Lead: Ian Whitehouse
3. Zone Committee works with Environment Canterbury and developers to identify alternative water infrastructure options by December 2016 that should be considered in the sub-regional process.  
Lead: Brett Painter

### ***How will this outcome be measured?***

- *Area of land receiving new water and/or definitive plan for the delivery of water to new areas.*

### ***Management oversight***

*Zone Committee Sponsor – John Faulkner (tbc)*

*Zone team responsibility – Brett Painter*

## Outcome 4: Ecosystem health and biodiversity

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***Maintaining and, where possible enhancing, ecosystem health including maintaining Indigenous biodiversity values in priority areas – braided river ecosystems, North Pegasus Bay Coastal wetlands, coastal hills from Conway Flat to Waiau River mouth, and significant wetlands.***

### Milestones:

1. Annual reporting on state of ecosystem health in the zone.  
Lead: Tim Davie
2. Review current state monitoring to ensure it is fit-for-purpose for determining present environmental conditions using a range of indicators to show positive or negative trends.  
Lead: Tim Davie
3. Identify the water bodies that currently have high ecosystem health values by December 2016 and the water bodies that the community wish to improve by October 2017 and include recommendations to maintain those with high values and improve the other water bodies in the ZIP Addendum (prepared as part of the sub-regional process).  
Lead: Technical Lead (done as part of sub-regional)
4. Zone Committee review and agree freshwater biodiversity priorities for the zone by September 2016 and agree, by March 2017, strategies to increase the level of biodiversity enhancement and protection within the identified priority areas.  
Lead: Jess Hill
5. Comprehensive programme for increasing the awareness and understanding of biodiversity, and for growing trust between land owners and councils, agreed and endorsed by the zone committee by December 2016.  
Lead: Jess Hill
6. Arrangement agreed between Environment Canterbury and Hurunui District Council by December 2016, for the promotion and delivery of biodiversity protection and enhancement within the zone.  
Lead: Kevin Heays
7. Annual Immediate Steps funding allowance for zone is all allocated.  
Lead: Kevin Heays

### ***How will this outcome be measured?***

- *Before and after surveys of state of biodiversity values in priority areas*
- *Immediate Steps and other biodiversity funds are oversubscribed in the zone*

### ***Management oversight***

*Zone Committee Sponsor – Ken Hughey (tbc)*

*Zone team responsibility – Jess Hill*

## Outcome 5: Community ownership and understanding

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***Hurunui – Waiau zone community feels well informed and widely engaged in zone activities.***

### Milestones:

1. Regular communication by zone committee in local media.  
Lead: ??
2. Possibilities for involving schools and youth in zone committee activities investigated and report to zone committee with recommendations by March 2017.  
Lead: Kevin Heays

### ***How will this outcome be measured?***

- *Attitude and understanding surveys*

### ***Management oversight***

*Zone Committee Sponsor – Michelle Hawke*

*Zone team responsibility – Kevin Heays*

## Outcome 6: Recreation, tourism and amenity opportunities

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***Aquatic recreation, tourist and amenity values in priority locations are maintained and, where possible, improved.***

### Milestones:

1. Report to zone committee on freshwater recreation in the zone (swimming, jet boating, white-water recreation and fishing) by August 2016.  
Lead: ?
2. Zone Committee agree, by December 2016, the priority locations for aquatic recreation in the zone (swimming, jet boating, white-water recreation and fishing) and strategies to improve aquatic recreation opportunities at the identified priority locations by July 2017.  
Lead: ?
3. Zone Committee review and recommend appropriate monitoring and reporting of contact recreation suitability at key sites by December 2016.  
Lead: ? (Tim needs to be involved but not lead)

### ***How will this outcome be measured?***

- *Before and after surveys of recreational values in priority areas*
- *Number of complaints about the state of water bodies for recreation (such as in relation to suitability for swimming)*
- *Number of initiatives to improve recreation opportunities at priority sites*
- *Contact recreation monitoring*

### ***Management oversight***

*Zone Committee Sponsor - ??*

*Zone team responsibility – ??*

## Outcome 7: Reliable drinking water

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***A sustainable supply of water that meets the needs of present and future domestic and agricultural users, and complies with New Zealand Drinking Water Standards in an affordable and responsible manner.***

### Milestones:

- 1 All Hurunui District community water supplies will be protozoa compliant as below:
  - End of 2017/18: 33.3% protozoa compliant (deep well security status)
  - End of 2024/25: 52.4% protozoa compliant (all minor schemes)
  - End of 2025/26: 85.7% protozoa compliant (all small and rural agricultural supply schemes)
  - End of 2026/27: 100% protozoa compliant (all neighbourhood supply schemes)
- 2 Hurunui District Council progressively implements the prioritised water management improvement areas as outlined in the Water Asset Management Plan (wAMP approved in November 2014).
- 3 Hurunui District Council progressively implements the agreed improvement areas identified in each of the Water Safety Plans (previously referred to as Public Health Risk Management Plans) for the community supply schemes across the district.
- 4 All on-demand community drinking water supplies will be fully metered by the end of June 2017.

### ***How will this outcome be measured?***

- *Number of drinking water complaints*
- *State of community supplies in relation to NZ drinking Water standards*

### ***Management oversight***

*Zone Committee Sponsor - ??*

*Zone team responsibility – ?? [milestones done by HDC]*

## Outcome 8: Enhance Mahinga Kai

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***Work with Rūnanga to develop outcome statement and milestones***

*Zone Committee Sponsor - ??*

*Zone team responsibility – ??*

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## Outcome 9: Maintain natural character of braided rivers

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***Natural character is maintained on active braided river beds in the zone.***

### Milestones:

1. Work with LINZ to start to deliver, from December 2016, CWMS targets, where relevant, on LINZ riverbed land in the zone.  
Lead: ??
2. Communicate to affected landowners the meaning of the “river-bed” lines on Hurunui and Waiau Rivers by August 2016.  
Lead: Mike Bennett
3. Work with the community to gain a better understanding and appreciation of Braided Rivers and their ecological significance, while ensuring access is welcomed but with care.  
Lead: ??

### ***Management oversight***

*Zone Committee Sponsor - ??*

*Zone team responsibility – ??*

AGENDA ITEM NO: 9	SUBJECT MATTER: <b>RMA 101 in relation to sub-regional process</b>
REPORT BY: Ian Whitehouse, Environment Canterbury	DATE OF MEETING: 21 March 2016

### Action required

- Note the following outline for the briefing by Tami Woods, Environment Canterbury, on the Resource Management Act (RMA) in relation to the sub-regional process.
- Note that more detail about the National Policy Statement (NPS) for Freshwater Management will be provided as part of the sub-regional process later in the year.:

### Background

Zone Committee members received a “RMA 101” briefing as part of their “orientation” in the first year of the committee. This is a long time ago: committee membership has changed and the NPS for Freshwater Management introduced in 2011 and revised in 2014.

I have asked Tami Woods, Consents Planner, Environment Canterbury, to provide a briefing to the zone committee on the RMA process in relation to developing, deciding and implementing sub-regional sections of the Canterbury Land and Water Regional Plan. Tami was involved in developing Plan Change 1 of the Land and Water Plan – the Selwyn Te Waihora sub-regional section. She is currently working with Selwyn Waihora zone committee to implement the now operative plan.

### Outline of topics to be covered in briefing

The briefing, time permitting, is likely to cover:

1. Brief introduction to RMA;
2. Overview of Canterbury Land and Water Regional Plan:
  - a. Objectives;
  - b. Region-wide policies and rules;
  - c. Sub-regional sections.
3. Developing the sub-regional plan:
  - a. NPS for Freshwater Management;
  - b. Canterbury Regional Policy Statement;
  - c. Iwi Management Plans;
  - d. CWMS.
4. First schedule consultation on draft plan
5. Hearing process:
  - a. Notified plan and Section 32A report;
  - b. Submissions;
  - c. Further submissions;
  - d. Section 42A Report and summary of decisions requested
  - e. Hearing;
  - f. Hearing Panel decisions;
  - g. Regional Council’s endorsement of decisions;
  - h. Appeals;
  - i. Resolution of appeals.
6. Operative sub-regional section plan:
  - a. Interpretation;
  - b. Implementation;
  - c. Monitoring and compliance.



AGENDA ITEM NO: 10	SUBJECT MATTER: <b>Zone Facilitator's Report</b>
REPORT BY: Ian Whitehouse, Environment Canterbury	DATE OF MEETING: 21 March 2016

### Action required

- Note the following for information:
  1. Braided Rivers Workshop;
  2. Contact recreation monitoring on Hurunui River at State Highway 7;
  3. North Canterbury Landcare Manual
  4. Outline of 18 April zone meeting and workshop at Hawarden
  5. Collaborative water management – lessons learnt from Opuha River.

### 1 Braided Rivers Workshop 31 May

Braid is running a free, all-day workshop on Tuesday 31 May at Lincoln Events Centre. The presentations cover a range of topics relevant to braided rivers in Hurunui Waiau zone. Ken Hughey is presenting on modelling how river flows influence feeding and breeding habitat of riverbed birds.

A flier for this workshop has been emailed to all committee members. For more information see <http://braid.org.nz/about-braid/workshop-2016-programme>

### 2 Contact recreation monitoring on Hurunui River at SH7

There was material in the media in January about the poor quality of this site. Tim Davie (Surface Water Science Manager) provided the material below to Mayor Dalley on this site. I forgot to provide this material to committee members at the February meeting.

“For the site to move from Poor to Fair the 95%ile (column three below) would need to be below 550. I believe the values so far this year have all been below 550 so it is possible that it may improve after the year but the grade is based over 5 years so it needs at least a couple of years of good results.

As an aside this is a site that we're doing some faecal source tracking at this year; the problem is that you can only do it when the faecal count is high and so far it hasn't been! So it's a bit chicken and egg.”

Hurunui River at SH7



Potential sources of faecal contamination

- Run-off from rural land use
- Discharge from upstream tributaries influenced by rural land use

Suitability for recreation for 2015/2016

This site is graded – **POOR**

This means this site is generally not suitable for swimming, as indicated by historical results.

**Permanent warning signage in place advising that swimming is not recommended at this site**

Suitability for recreation over time

Year	No. of samples	95%ile	MAC	SIC	SFRG
2010/11	73	427	C	Moderate	Fair
2011/12	75	618	D	Moderate	Poor
2012/13	75	590	D	Moderate	Poor
2013/14	75	640.8	D	Moderate	Poor
2014/15	75	640.8	D	Moderate	Poor

### 3 North Canterbury Landcare Manual

The North Canterbury Landcare Manual was developed as part of the Sustainable Farming Fund project led by Andrew Harris and Phil Keane. The manual was prepared by James Hoban. It contains information on water quality in the zone and a great suite of examples of good management practices. The manual is being printed and maybe available at the meeting. I strongly encourage all zone members to look at the manual.

### 4 Outline of 18 April zone meeting and workshop at Hawarden

There will be a workshop, starting at 1.00pm, before the zone meeting. This will be on the values and principles the zone committee wants with regards to managing nutrient losses (N allocation) at the property scale. I will compile principles developed by other organisations and in other processes (including during the Nutrient Working Group process).

The zone meeting will include presentations on:

- Fonterra's Nutrient Use Efficiency programme (Matt Cullen);
- Ngai Tahu Farms (Andrew Priest);
- Emu Plains irrigation development.

### 5 Lessons learnt help keep water flowing

NZ Farmers Weekly, New Zealand by Annette Scott  
General News - page 13 - 705 words - ID 546604144 - Photo: Yes - Type: News Item -  
Size: 432.00cm<sup>2</sup>

22 Feb 2016

HUGE lessons have been learnt in the management of water storage at Lake Opuha over the past two years.

"We ran out of water and came out of last season feeling really burnt," Opuha Water chief executive Tony McCormick said.

"I was really disappointed. I felt we had failed.

"What we learnt was in the whole story of adaptive management - managing the river, managing the storage, managing water for farmers, for recreation and domestic use.

"What we learnt first and foremost was to act early." The Opuha Dam at the confluence of the north and south Opuha Rivers near Fairlie was built by the south Canterbury community.

Commissioned in 1998, the 700ha lake storing 70 million cubic metres of water was reliable until last season.

But 2014 inflows from snow-fed mountain streams were too low to keep up with the outflow needed to provide irrigation, meet required environmental flows and supplement Timaru's water supply.

A similar pattern emerged in spring 2015.

Not only was the snowpack just half of what could be expected most years, south Canterbury needed rain, he said.

Opuha took a precautionary approach, applying restrictions early to try to conserve supplies.

The lake was able to refill because the outflow was held at the absolute minimum from March.

Also helping was a concession from the Opuha Environmental Flow Release Advisory Group (OEFrag), a group comprising representatives from district councils, farmers, Opuha Water, river users and local Maori that makes river flow recommendations to Environment Canterbury.

The required October environmental flow was cut from 8.5 cumecs to seven cumecs.

"The key is managing spring and if you don't get the snow melt and you provide those high river flows then there's a very high risk that the reservoir won't be in good enough shape to get us through the rest of the season," McCormick said.

"We did expect a very tight year and we continually monitored all conditions and necessary restrictions on a fortnightly basis." At the start of January farmers were warned to prepare for a 50% regime for all of January and most likely well into February.

But January rain proved a game-changer.

The lake storage replenished so all irrigation restrictions were lifted.

"This was a very surprising turnaround from our position at New Year," McCormick said.

"Although we will continue to monitor conditions closely, we are reasonably confident that we will now be able to maintain full irrigation supply and river flows for the remainder of the season.

"We (Opuha) and OEFrag have met more in the past 15 months than in the past 15 years by a long shot. We had to after last season," McCormick said.

With the help of Aqualinc a snow model was formulated.

"Management is not just seasonal, it's all year round and snow is key to early indication of spring flow.

"Snow was very low so we knew we were going to struggle to get the lake full. It was at minimum flow from March to September 2015." October and November offered the best opportunity to bank water and at the end of November the lake level was 25%-30% better than the previous year but there was 25% less water around the catchment.

"We couldn't do much more. We thought then this would be a really bad year." So farmers were given set volumes they could manage.

"This was a better-structured regime and farmers appreciated this in managing their water and irrigation systems to match their farming activities," McCormick said.

The limited size of Opuha storage meant long-term management was not feasible.

"Our recent experience is that a rolling monthly allocation approach is as close as we would be able to come. We said from the outset of this season we had two objectives - one, to maintain continuous irrigation with a restriction no greater than 50% and, two, to be able to maintain higher flows in the river in the critical late March-April period." Unexpected rain this year increased inflows and reduced demand.

Without the early season restrictions it would have been quite a different outcome.

"At New Year we would have been less than last season," McCormick said.

### Hurunui-Waiau Zone Committee Action Sheet

Item	Meeting Date	Name of Item	Action Required	Actioned By/Manager	Status of Action
1	19 October 2015	Meeting with landowners regarding LINZ Issue.	John Faulkner and Michele Hawke to organise a meeting and site visit with the landowners regarding the Land Information New Zealand issues.	Michele Hawke/John Faulkner	Michele Hawke will spearhead this.
2	15 Feb 2016	Thank you letter to dryland farmers	A letter to be sent to Ben Ensor and his team thanking them for their huge efforts in getting the Landcare group started. Acknowledgment for Andrew Harris for his contribution and efforts will be included.	Zone Committee	Letters sent by email
3	15 Feb 2016	Poplars and Willow follow up to Jamie McFadden and Hamish Pain.	Item to be deferred to a future agenda or workshop for further discussion and solutions.	Ian Whitehouse	
4	15 Feb 2016	Research on native alternatives to Poplar and willow planting	Karen Renouf has access to some research on cabbage trees and will email it to Ken Hughey.	Karen Renouf/Ken Hughey	
5	15 Feb 2016	Letter to Land Information New Zealand (LINZ) regarding sale of riverbed land in the Zone.	Ian Whitehouse to contact, with the help from the ECan team, Dame Margaret Bazley to enlist her help in getting LINZ to respond to the letter and also to attend a meeting.	Ian Whitehouse/ECan	Bill Bayfield (CEO Environment Canterbury) met with Peter Mersi (CEO LINZ).
6	15 Feb 2016	Presentation of Annual Report to meetings	The Chairperson and another member of the Committee to present the Annual Report to the following meetings: <ul style="list-style-type: none"> <li>Environment Canterbury (Commissioners) 25 Feb.</li> <li>Hurunui District Council 3 March.</li> </ul>	John Faulkner/Michele Hawke	Done
7	15 Feb 2016	5 year plan outcomes working group	James McCone, Ken Hughey, Michele Hawke and James Costello will meet once before the 21 March meeting. Ian Whitehouse will be in contact to organise this.	Ian Whitehouse/Working group	Done

# Hurunui Waiau Zone Water Management Committee

## Terms of Reference

The area of the Hurunui Waiau Water Management Zone is shown on the attached map.

### Establishment

The Committee is established under the auspices of the Local Government Act 2002 in accordance with the Canterbury Water Management Strategy 2009.

The Committee is a joint Committee of Environment Canterbury (the Regional Council) and Hurunui District Council (the Territorial Authority).

### Purpose and Functions

The purpose and function of the Committee is to:

- Facilitate community involvement in the development, implementation, review and updating of a Zone Implementation Programme that gives effect to the Canterbury Water Management Strategy in the Hurunui Waiau area; and
- Monitor progress of the implementation of the Zone Implementation Programme.

### Objectives

- 1) Develop a Zone Implementation Programme that seeks to advance the CWMS vision, principles, and targets in the Hurunui Waiau Zone.
- 2) Oversee the delivery of the Zone Implementation Programme.
- 3) Support other Zone Implementation Programmes and the Regional Implementation Programme to the extent they have common areas of interest or interface.
- 4) Ensure that the community of the Zone are informed, have opportunity for input, and are involved in the development and delivery of the Hurunui Waiau Implementation Programme.
- 5) Consult with other Zone Water Management Committees throughout the development and implementation of the Hurunui Waiau Implementation Programme on matters impacting on other zone areas.
- 6) Engage with relevant stakeholders throughout the development of the Hurunui Waiau Implementation Programme.
- 7) Recommend the Hurunui Waiau Implementation Programme to their respective Councils.
- 8) Review the Implementation Programme on a three yearly cycle and recommend any changes to the respective Councils.
- 9) Monitor the performance of Environment Canterbury, Hurunui District Council, and other agencies in relation to the implementation of the Hurunui Waiau Implementation Programme.
- 10) Provide Environment Canterbury and Hurunui District Council with updates on progress against the Zone Implementation Programme.

### **Limitation of Powers**

The Committee does not have the authority to commit any Council to any path or expenditure and its recommendations do not compromise the Councils' freedom to deliberate and make decisions.

The Committee does not have the authority to submit on proposed Resource Management or Local Government Plans.

The Committee does not have the authority to submit on resource consent matters.

### **Committee Membership**

The Zone Committee will comprise:

- 1) One elected member or Commissioner appointed by Environment Canterbury;
- 2) One elected member appointed by each Territorial Authority operating within the Zone Boundary;
- 3) One member from each of Tūāhuriri and Kaikōura Rūnanga;
- 4) Between 4-7 members appointed from the community and who come from a range of backgrounds and interests within the community;
- 5) Environment Canterbury and Hurunui District Council will appoint their own representatives on the Committee. Tūāhuriri and Kaikōura Rūnanga will nominate their representatives and the appointments will be confirmed by Environment Canterbury and Hurunui District Council.

### **Selection of Community Members**

To be eligible for appointment to a Zone Committee the candidate must either live in or have a significant relationship with the zone. Recommendations on Community Members for the Hurunui Waiau Zone Committee will be made to Environment Canterbury and Hurunui District Council by a working group of representatives from Environment Canterbury, Hurunui District Council, Tūāhuriri and Kaikōura Rūnanga. The recommendations will take into account the balance of interests required for Hurunui Waiau, geographic spread of members and the ability of the applicants to work in a collaborative, consensus-seeking manner. Environment Canterbury and Hurunui District Council will receive the recommendations and make the appointments.

### **Quorum**

The quorum at a meeting consists of:

- (i) Half of the members if the number of members (including vacancies) is even; or
- (ii) A majority of members if the number of members (including vacancies) is odd.

### **Chair and Deputy Chair**

Each year, the Committee shall appoint the Chair and Deputy Chair from the membership by simple majority. There is no limit on how long a person can be in either of these positions.

### **Term of Appointment**

Members of Committees are appointed for a term of three years. To coincide with Local Government Election processes terms shall commence from January each year, with each Committee requiring confirmation of membership by the incoming Council. The term for community members will be staggered so that one third of the community members is appointed (or reappointed) each year. There is no limit on the number of consecutive terms.

## Financial Delegations

None

## Operating Philosophy

The Committees will at all times operate in accordance with the requirements of the Local Government Official Information and Meetings Act 1987, and will observe the following principles:

- 1) Give effect to the Fundamental Principles, Targets and goals of the CWMS;
- 2) Be culturally sensitive observing tikanga Maori;
- 3) Apply a Ki uta ki tai (from the mountains to the sea) approach;
- 4) Work with the CWMS Regional Committee to support the implementation of the CWMS across the region as a whole;
- 5) Give consideration to and balance the interests of all water interests in the region in debate and decision-making;
- 6) Work in a collaborative and co-operative manner using best endeavours to reach solutions that take account of the interests of all sectors of the community;
- 7) Contribute their knowledge and perspective but not promote the views or positions of any particular interest or stakeholder group;
- 8) Promote a philosophy of integrated water management to achieve the multiple objectives of the range of interests in water;
- 9) Seek consensus in decision-making where at all possible. In the event that neither unanimous agreement is able to be reached nor a significant majority view formed, in the first instance seek assistance from an external facilitator to further Committee discussions and deliberations. Where the Committee encounters fundamental disagreements, despite having sought assistance and exhausted all avenues to resolve matters, recommend that the respective Councils disband them and appoint a new Committee.

## Meeting and Remuneration Guidelines

- 1) The Committee will meet at least eight times per annum and with workshops and additional meetings as required. At times, the workload will be substantially higher. Proxies or alternates are not permitted.
- 2) Any Committee may co-opt such other expert or advisory members as it deems necessary to ensure it is able to achieve its purpose. Any such co-option will be on a non-voting basis.
- 3) Remuneration for members will be paid in the form of an honorarium currently set at the following levels:
  - a. Appointed members - \$4,000 pa
  - b. Deputy Chair - \$5,000 pa
  - c. Chair - \$6,000 pa.

Staff or elected members of Territorial Authorities or the Environment Canterbury shall not be eligible for remuneration.

Mileage will be reimbursed.

## Committee Support

The Committee shall be supported staff from the Territorial Councils and Environment Canterbury, primarily through the Committee Secretary and the Zone Facilitator.



### Map showing Hurunui Waiau Water Management

