



*Selwyn-Waihora Zone Committee (Water Management)*

**80<sup>TH</sup> ORDINARY MEETING OF THE  
SELWYN-WAIHORA ZONE COMMITTEE  
TO BE HELD AT THE  
SELWYN DISTRICT COUNCIL  
ON TUESDAY 6 MARCH 2018  
AT 12.00 PM**

"If there is magic on this planet, it is contained in water..."

Loran Eisely, US Author



## 80<sup>th</sup> Meeting of the Selwyn Waihora Zone Committee - Outline of Agenda

**DATE:** TUESDAY 6 March 2018

**TIME:** 12 noon

**VENUE:** Exec room 1, Selwyn District Council, Norman Kirk Drive, Rolleston

Item	Time	Description	Pages	Presenter
	<b>12.10pm</b>	Meeting commences with karakia and formal order of business: <ul style="list-style-type: none"> <li>• Apologies</li> <li>• Identification of Urgent General Business</li> <li>• Confirmation of minutes 13 February 2018</li> <li>• Matters Arising &amp; actions from last meeting</li> <li>• Report to and from Regional Committee Meeting (Karaitiana Taiuru)</li> <li>• Update from Zone Committee members on activities and meetings attended that relate to the Committee's outcomes for the zone</li> <li>• Correspondence:               <ul style="list-style-type: none"> <li>○ Reply to Aoraki Conservation Board – water race closures</li> </ul> </li> </ul>		
	12.20pm	General Public Contribution		
1	12.25pm	Potential future of the Selwyn District Council Water Race Network		Murray England, Selwyn District Council
	<b>1pm</b>	<b>Approximate finish time</b>		

**Committee Members will now embark on a field visit.**

**MINUTES OF THE 79<sup>th</sup> MEETING OF THE SELWYN WAIHORA ZONE COMMITTEE HELD IN THE NICHOLAS HALL, LINCOLN EVENT CENTRE, LINCOLN, ON TUESDAY 13 FEBRUARY 2018 COMMENCING AT 2:00 PM**

**AGENDA SUMMARY**

Item	Time	Description	Pages	Presenter
	2.00pm	Meeting commences with karakia and formal order of business: <ul style="list-style-type: none"> <li>• Apologies</li> <li>• Identification of Urgent General Business</li> <li>• Confirmation of minutes 5 December 2017</li> <li>• Matters Arising &amp; actions from last meeting</li> <li>• Report to and from Regional Committee Meeting (Karaitiana Taiuru)</li> <li>• Update from Zone Committee members on activities and meetings attended that relate to the Committee's outcomes for the zone</li> <li>• Welcoming new committee member</li> <li>• Correspondence: <ul style="list-style-type: none"> <li>○ Aoraki Conservation Board – water race closures</li> <li>○ Letter to Tony Coltman, Canlac Farms</li> </ul> </li> </ul>		
	2.20pm	General Public Contribution		
1.	2.25pm	Proposed projects for Immediate Steps Biodiversity Funding		<i>Johannes Welsch, Environment Canterbury</i>
2.	2.45pm	Selwyn Waihora Zone Committee's Annual Report 2017		<i>Ian Whitehouse, Environment Canterbury</i>
	<b>3.00pm</b>	<b>Break</b>		
3.	3.20pm	Election of officers		
4.	3.35pm	Progress report – 5-year Delivery Outcomes and Milestones		<i>Michaela Rees, Environment Canterbury</i>
5.	4.00pm	Proposed 2018 Committee work programme		
6.	4.15pm	A Plan for the Selwyn River		<i>Paul Hodgson Committee member</i>
7.	4.30pm	Finalising response to feedback from final Selwyn Water seminar and next steps following the seminar series		<i>Ian Whitehouse, Environment Canterbury</i>
8.	4.50pm	Zone Facilitator's Report		<i>Ian Whitehouse, Environment Canterbury</i>
	<b>5.10pm</b>	<b>Approximate finish time</b>		

The meeting was opened with a welcome and karakia by Councillor Iaeen Cranwell.

The Chair welcomed everyone to the meeting.

## **PRESENT**

Allen Lim (Chair), Councillor Murray Lemon (Selwyn District Council), Victor Mthamo (Community Member), Karaitiana Taiuru (Te Rūnanga o Kōkōurāata), George Tikao (Te Rūnanga o Ōnuku), Megan Hands (Community Member) from 4pm, Maree Goldring (Community Member), Matiu Payne (Te Ngati Wheke), Paul Hodgson (Community Member), Ron Pellow (Community Member), Councillor Anne Galloway (Christchurch City Council) and Les Wanhalla (Te Rūnanga o Taumutu).

## **IN ATTENDANCE**

Michaela Rees, Tami Woods, Johannes Welsch, Stephen Bragg, Mananui Ramsden, Dr Tim Davie and Ian Whitehouse (Canterbury Regional Council); Councillor Nicole Reid and Therese Davel (Selwyn District Council); John Benn and Danny Kember, (DOC); Scott Pearson (Fish and Game); Kelvin Coe; Denise Ford (WET); Rosalie Snoynk; Jen Miller (Forest and Bird); Mike Glover and Matt Olykan (SWIMM)

Several other members of the public.

## **APOLOGIES**

Apologies received from Megan Hands and Councillor Galloway for lateness.

**Moved:** Cr Murray Lemon / **Seconded:** Les Wanhalla

*That the Committee accept apologies for absence as noted.*

**CARRIED**

## **IDENTIFICATION OF URGENT GENERAL BUSINESS**

None

## **CONFIRMATION OF MINUTES**

**Minutes of the 78<sup>th</sup> Meeting of the Selwyn Waihora Zone Committee (Water Management) held on Tuesday 5 December.**

*(Refer pages 2 - 9)*

**Moved:** Cr Murray Lemon / **Seconded:** Victor Mthamo

*That the minutes of the 78<sup>th</sup> meeting of the Selwyn Waihora Zone Committee (Water Management) held on Tuesday 5 December 2017, be confirmed.*

**CARRIED**

## MATTERS ARISING FROM MINUTES

In response to a question from Cr Murray Lemon about pH testing of high country lakes, Dr Tim Davie responded that pH testing was done regularly as part of the monitoring of these lakes.

## REPORT TO AND FROM REGIONAL WATER MANAGEMENT COMMITTEE MEETING

No update.

## UPDATE FROM ZONE COMMITTEE MEMBERS ON ACTIVITIES AND MEETINGS ATTENDED THAT RELATE TO THE COMMITTEE'S OUTCOMES FOR THE ZONE

Zone committee members reported on meetings attended that relate to the work of the zone committee including:

Paul Hodgson – Snake Creek visit; meeting with Prof Jenny Webster-Brown; open day at Lincoln University dairy farm; meetings with ECan on fish screens.

Ron Pellow – open day at Lincoln University dairy farm

Maree Goldring – WELRA planning meeting and meeting with MPI re funding

Les Wanhalla – community meeting around quarries in the Templeton area

Karaitiana Taiuru – meeting with Minister for the Environment at Te Waihora

Allen Lim – meeting with Minister at Te Waihora; meeting with CEO of Water NZ; meeting with Forest and Bird on collaboration.

Cr Anne Galloway – meeting with Minister for the Environment at Te Waihora; Co-Governor forum with Environment Canterbury

## CORRESPONDENCE

(Refer pages 10 - 12)

**Moved:** Ron Pellow / **Seconded:** Maree Goldring

*'That the correspondence be received and that a letter of acknowledgement be sent to the Aoraki Conservation Board, noting their concerns are part of an ongoing conversation as part of the Selwyn District Council's LTP process and that the District Council will make a decision in regard to maintaining stockwater races with high ecological values.'*

**CARRIED**

## GENERAL PUBLIC CONTRIBUTION

Mr Mike Glover and others raised the issue of nitrates in groundwater and streams and noted to the Committee it would seem the public is being asked to solve problems. He noted it was quite clear that farmers cause the problem, yet the community continue to be asked to solve it.

He also queried whether industry e.g. Fonterra are putting any money into mitigations and referred to a report from Environment Canterbury which said there would be \$900m in the next 10 years spent on mitigation. He asked to see the report. Councillor Cranwell assured him he has not seen such a report either but would follow up.

There was a discussion about how the Committee and members of the public can work together and have constructive ongoing conversations. A workshop was suggested to which industry players such as Fonterra, Forest and Bird; Fish and Game and others will be invited. It needed to be an informal workshop type meeting where people would respect each others' opinions and not be confrontational.

The Chairperson asked Mr Glover to present a possible suggestion as to how such a forum might work and who will be involved.

### 1. PROPOSED PROJECTS FOR IMMEDIATE STEPS BIODIVERSITY FUNDING

(Johannes Welsch , Environment Canterbury)

(Refer pages 13 – 23)

Johannes Welsch presented three projects for funding and noted he would be evaluating former projects so that the Zone Committee can see the difference the funding makes.

#### Maffey's Road Stream Restoration

This project will extend and restore a 2ha gully and enhance wetland-stream features. The funding will enable the owner to maintain the site for 3 years post planting. Before the owner started working on restoration, there was nothing there. He has had a 98% success rate with native plants and even has his own nursery.

**Moved:** Maree Goldring / **Seconded:** George Tikao

*'That the Selwyn Waihora Zone Committee approve funding for the Maffey's Road Stream Restoration project to the amount of \$18,500.00.'*

**CARRIED**

#### North Wetland Restoration

This project will lead to wetland restoration and protection of around 4ha. There is also a public walkway and access to showcase what has been done so far. The land owner has shown a high personal financial investment and approached Environment Canterbury. The funding will spread out over 2 years and enable him to create fine scale habitat for several critical species.

**Moved:** Matiu Payne / **Seconded:** Cr Iaeen Cranwell

*'That the Selwyn Waihora Zone Committee approve funding for the North Wetland Restoration project to the amount of \$19,750.00.'*

**CARRIED**

### Washpen Ford Restoration

The project will protect existing native regeneration and proposes to plant and maintain approximately 2000m<sup>2</sup>. The landowner has a good track record with past projects and self initiated and restored habitats. It links up with a 30ha beech block, 3 wetlands and riparian corridors.

**Moved:** Cr Murray Lemon / **Seconded:** Maree Goldring

*'That the Selwyn Waihora Zone Committee approve funding for the Washpen Ford Restoration project to the amount of \$16,800.00.'*

**CARRIED**

*Tea break 3.24pm – 3.45pm*

## **2. SELWYN WAIHORA ZONE COMMITTEE'S ANNUAL REPORT 2017**

(Ian Whitehouse, Environment Canterbury)

*(Refer pages 24 – 28)*

*Megan Hands arrived at 3.52pm*

There was a brief discussion on the Annual Report with members undertaking to forward Ian Whitehouse any comments they may have.

**Moved:** Les Wanhalla / **Seconded:** Kariatiana Taiuru

*'That the Selwyn Waihora Zone Committee approve, subject to any changes made at the meeting, the 2017 Annual Report.'*

**CARRIED**

## **3. ELECTION OF OFFICERS**

**Moved** – Les Wanhalla / **Seconded** – Paul Hodgson

*'That Allen Lim continue as Chairperson for a further term.'*

**CARRIED**

**Moved** – Cr Murray Lemon / **Seconded** – Les Wanhalla

*'That Kariatiana Taiuru continue as Deputy Chairperson for a further term.'*

**CARRIED**

**Moved** – Cr Murray Lemon / **Seconded** – Maree Goldring

*'That Kariatiana Taiuru continue as Regional Committee Representative for a further term.'*

**CARRIED**

#### **4. PROGRESS REPORT – 5-YEAR DELIVERY OUTCOMES AND MILESTONES**

(Michaela Rees, Environment Canterbury)

(Refer pages 29 – 37)

Michaela Rees informed the Committee she had been seconded into another role for a period and that Chris House will be interim Zone Manager.

Les Wanhalla indicated his interest to be involved in the survey into alpine water and Michaela noted the Committee will be doing a site visit. In response to a question from Paul Hodgson around compliance, Michaela agreed to send him a copy of the last couple of years' compliance reports.

She noted that the "consent to farm" campaign was now moving on to priority 2 farms and will go through the same process of sending out letters, following up with phone calls; then warning letters and visits from staff with the potential of issuing abatement notices.

#### **5. PROPOSED 2018 COMMITTEE WORK PROGRAMME**

(Ian Whitehouse, Environment Canterbury)

(Refer pages 38 – 40)

The Committee discussed the work programme and in particular noted:

October would include the youth zone meeting

There would be a number of field trips

The March meeting will be a short one-hour working lunch meeting prior to site visits

Zone Committee members will be invited to a "shed talk" at a time after April

Possible overnight stay on Taumutu marae following the usual meeting

Fish & Game, Department of Conservation and Forest & Bird will all be invited to present to the Committee and / or take the Committee to a couple of interesting spots

## **6. A PLAN FOR THE SELWYN RIVER**

(Paul Hodgson)

*(Refer page 41)*

Paul Hodgson presented to the Zone Committee his idea that there needed to be a definite plan for dealing with the Selwyn River.

Scott Pearson from Fish & Game supported Paul's idea and noted that the complex regulatory system requires that people should put their focus back to the environment, and what is physically in the river.

Michaela Rees pointed out that should the Committee need staff assistance, there may not be any as the team was already stretched to the limit.

The Committee agreed that Paul and a subcommittee will do further research and prepare a short report about what had already been done in this area. From there a further plan can be developed with projects to get involved in.

Committee members volunteering as members of the subcommittee are Ron Pellow, Paul Hodgson, Les Wanhalla and Councillor Iaeen Cranwell.

## **7. FINALISING RESPONSE TO FEEDBACK FROM FINAL SELWYN WATER SEMINAR AND NEXT STEPS FOLLOWING THE SEMINAR SERIES**

(Ian Whitehouse, Environment Canterbury)

*(Refer pages 42 – 52)*

There being no changes to the responses the Committee agreed it had not necessarily progressed the work in the way it envisaged. In the interest of moving forward though, it will put its energy into its work programme.

The responses will be emailed to seminar participants and the information will be put up on the website.

## **8. ZONE FACILITATOR'S REPORT**

(Ian Whitehouse, Environment Canterbury)

*(Refer page 53)*

Taken as read.

## **GENERAL BUSINESS**

The meeting closed at 5.32 pm. The Chair thanked everyone for their contributions throughout the year.

DATED this                      day of                      2018

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**CHAIR**

UNCONFIRMED

## ACTIONS FROM MEETING

Name	Action
ECan Staff	Forward compliance statistics to Committee members
ECan Staff and industry partners	Arrange open forum meeting
Subcommittee	Subcommittee to work on past projects and future plan for Selwyn River
Living Water	Update at a future meeting regarding their work
ECan Staff	Date in 2018 for site visit to Broadacres TSA Project
ECan Staff	Site visit March / April 2018 to Snake Creek
ECan / DOC	List of potential DOC sites to visit and staff to present to the Committee
ECan / Fish and Game	List of potential Fish and Game sites to visits and staff to present to the Committee
ECan	Marae visit and potential overnight stay for the Committee

26 February 2018

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**Selwyn Waihora Zone Committee**

Chairperson  
**Canterbury Aoraki Conservation Board**  
(via email)

Dear Dr Abbott

**Water race closures in Selwyn District**

Thank you for your letter dated 14 November 2017. The Zone Committee did not receive the letter in time for our December meeting and only discussed it at our February 2018 meeting.

The Zone Committee agrees that some Selwyn District Council water races have high ecological values. Selwyn District Council has briefed the committee on these.

The committee understands that the ongoing operation versus closure of water races is one of the issues raised in the draft Selwyn District Long Term Plan (LTP). The committee encourages the Conservation Board to make a submission on the Selwyn District LTP.

The committee has asked Selwyn District for more information and staff will brief the zone committee at a meeting on 06 March. This briefing will be at about 12.15pm at the Selwyn District Council, Rolleston.

Yours sincerely

Chair, Selwyn Waihora Zone Committee

**Copy to:**

Murray England and Murray Washington, Selwyn District Council  
Johannes Welsch, Environment Canterbury

AGENDA ITEM: 1	SUBJECT MATTER: <b>Potential future of the Selwyn District Council Water Race network.</b>
REPORT BY: Murray England, Selwyn District Council	DATE OF MEETING: 6 March

### **1.0 Action required**

Review information provided to inform discussion at the next zone committee meeting.

### **2.0 Purpose**

The purpose of this paper is to provide background information ahead of a verbal discussion on the potential future of the Selwyn District Council water race network. There are two main points of discussion:

- a) Strategic Water Races - Ecological and Aesthetics,
- b) Proposed District Rating Structure

### **3.0 Background Information**

#### ***Water Race Network***

There are presently three water race schemes within the district: Ellesmere, Malvern and Paparua; these generally service the plains areas of the old County Councils (pre 1989 amalgamation). The Selwyn scheme with its intake on the Selwyn River was closed in 2009. Figure 1 below indicates the extent of the water race network and Table 1 provides a summary of water race lengths and value.

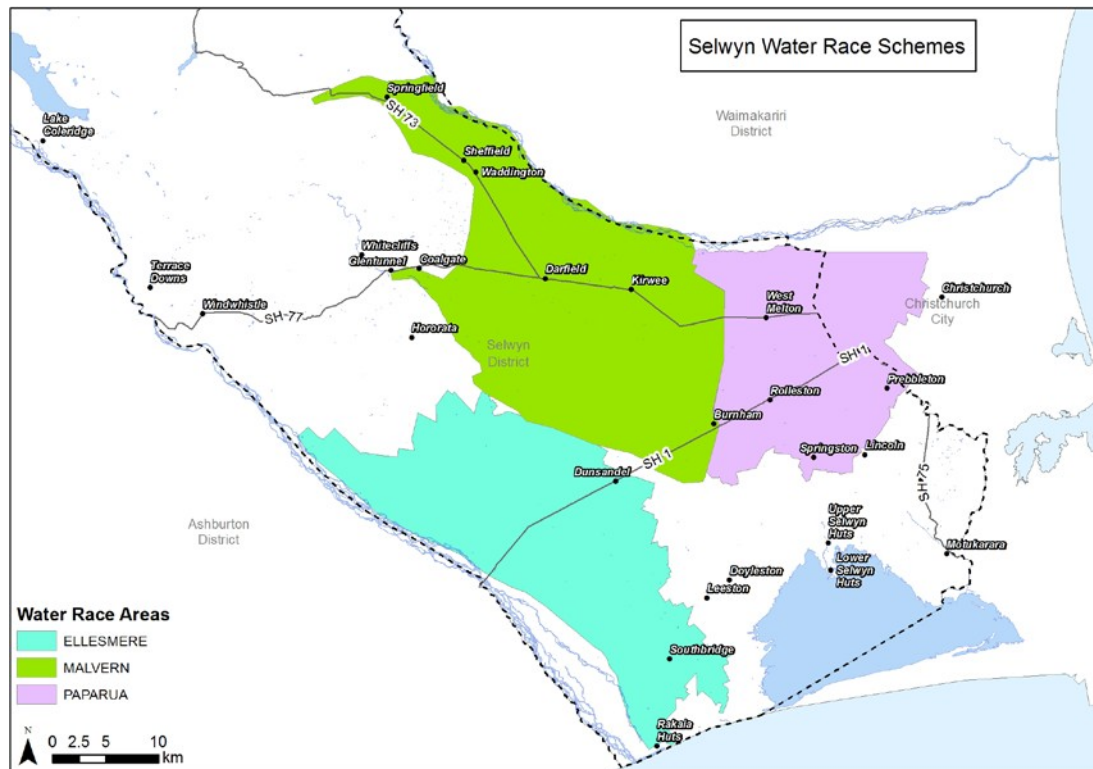


Table 1 – Summary of Water Race Schemes attributes

Scheme	Length of race (km)	Scheme Area (ha)	Replacement Cost
Malvern	967	61,684	\$71M
Paparua	469	35,837	\$121M
Ellesmere	441	50,158	\$18M

### Council Planning

The Councils 2017/18 Annual Plan consultation document provided a section titled ‘Looking ahead to our Long Term Plan’. Within this section Council identified that it would carry out a ‘Water race rating review’. A copy of the text is provided below:

*“The water race network has been operating within Selwyn for over 100 years. Over the past few years, significant changes have been occurring which will have an impact on the future function and use of the water race network. The changes include the development of the Central Plains Water scheme, the Canterbury Water Management Strategy and tensions between requests for race closures by property owners and environmental and public good desires to keep the network operating. The current rating structure for water race is also complicated, with 10 different rating factors operating across three race networks.”*

As part of the 2018-2028 LTP consultation, Council will be consulting on a new rating structure. The proposed new rating structure provides three standardised rating factors to replace the existing 10 rating factors. The new structure is provided below.

Table 2 – Proposed 2018/19 Rating Structure (subject to consultation)

Rate applies to	Rate Type (incl. GST)	Start Value
Water race user	Annual charge revenue	\$300
Water race user	Per Hectare revenue	\$17
All rateable properties	Public/environmental good rate revenue	\$20

The current 2017/18 rating structure is provided below in table 3.

Table 3 – Current 2017/18 Rating Structure

#### Water Race Targeted Rate

##### Ellesmere

Per hectare or part thereof (assessed per rating unit in the rating area and service available)	32,024	16.16	517,477
Minimum charge (assessed per rating unit in the rating area and service available)	113	125.77	14,212

##### Malvern

Per hectare or part thereof (assessed per rating unit in the rating area and service available)	39,836	23.46	934,549
Minimum charge (assessed per rating unit in the rating area and service available)	338	156.67	52,955
Urban water race charge (assessed per rating unit in Darfield, Kirwee, Sheffield/Waddington and Springfield)	1,896	14.40	27,301

##### Paparua

Per hectare or part thereof (assessed per rating unit in the rating area and service available)	16,907	16.51	279,176
Annual charge (assessed per rating unit in the rating area and service available)	1,416	209.22	296,229
Domestic supply charge (assessed per rating unit supplied)	46	295.93	13,613
Urban water race charge (assessed per rating unit in Claremont, Edendale, Prebbleton, Rolleston and West Melton)	8,437	19.20	161,990
Rural Public Good (assessed per rating unit not in Living Zone and which cannot connect)	1,665	40.80	67,932
<i>(Note that irrigation charges for consent holders are also imposed).</i>			

Water Race Targeted Rate (including GST)			2,365,435
Water Race Targeted Rate (excluding GST)			2,056,900

## ***Zone Implementation Programme***

### Christchurch West Melton - Zone Implementation Programme (ZIP) March 2013

<https://www.ecan.govt.nz/document/download/?uri=1797472>

Refer page 11 Section 2.1.5

### Selwyn Waihora - Zone Implementation Programme (ZIP)

<https://www.ecan.govt.nz/document/download/?uri=1582364>

Page 9 and 19/20 and also Aspects 2.9 – 2.13 and 5.3

### Selwyn Waihora Zone Implementation Programme Addendum

<https://www.ecan.govt.nz/document/download/?uri=1918819>

Refer Recommendations 2.8 and 2.12

## ***Water Race Closure Process***

Following public consultation and specific consultation (including Te Taumutu Runanga, Mahaanui Kurataiao Limited, Department of Conservation, Environment Canterbury, and Fish and game) a water race requires closure approval from both the Water Race Sub Committee and the Council.

On a case by case basis, fish salvage is carried out prior to the race being closed (normally on the recommendation of DoC).

## **4.0 Attachments**

- Map showing potential Strategic Races – Ecological and Ascetics
- EOS Ecology Maps
- Map showing closed water races

