

**107<sup>TH</sup> ORDINARY MEETING OF THE  
SELWYN-WAIHORA ZONE COMMITTEE  
TO BE HELD IN THE TAI TAPU  
COMMUNITY CENTRE  
ON TUESDAY 3 AUGUST  
AT 2.00 PM**

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

Loran Eisely, US Author



# Selwyn Waihora Water Zone Committee

## Declaration of Interests Register – as at January 2020

Keeping a Zone Committee Members' declarations of interest register allows Zone Committees to identify and manage a conflict of interest when it arises.

The Office of the Auditor General notes a conflict of interest can arise when: "A member's or official's duties or responsibilities to a public entity could be affected by some other interest or duty that the member or official may have."<sup>1</sup>

If a member is in any doubt as to whether or not they have a conflict of interest, then the Member should seek guidance from Catherine Schache (General Counsel, Environment Canterbury), the Zone Facilitator and/or refer to the following guidance:

<https://www.oag.govt.nz/2010/lamia>

Types of Interest to be documented in the register:

- Employment, trade or profession carried on by the Member or the Member's spouse for profit or gain
- Company, trust, partnership etc for which the Member or their spouse is a director, partner or trustee, or a shareholder of more than 10% shares
- Address of any land in which the Member has a beneficial interest and which is in the area of the Zone Committee
- The address of any land where the landlord is Environment Canterbury or [Name of TLA/s] and:
  - The Member or their spouse is a tenant;
  - Or

the land is tenanted by a firm in which the Member or spouse is a partner, a company of which the Member or spouse is a director, or a Trust of which the Member or spouse is a Trustee.

- Any other matters which the public might reasonably regard as likely to influence the Member's actions during the course of their duties as a Member.
- Any contracts held between the Member or the Member's spouse and Environment Canterbury or [name of TLA/s]. Including contracts in which the Member or their spouse is a partner, a company of which the spouse is a director and/or holds more than 10% in shares, or a Trust of which the Member or their spouse is a trustee (noting that no committee member should be a party to a contract with Environment Canterbury or the relevant TLA if that value is more than \$25,000 per annum)

Zone Committee members need to ensure that the information contained in this register is accurate and complete.

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<sup>1</sup> Office of the Auditor General Good Practice Guide – Managing Conflicts of Interest: Guidance for public entities



Selwyn Waihora Zone Committee Register of Interest	
Zone Committee Member	Interest(s)
Cr Vicky Southworth ECan	<ul style="list-style-type: none"> <li>• Councillor, Environment Canterbury Regional Council</li> <li>• family membership of Forest and Bird</li> <li>• family membership of Fish and Game</li> </ul>
Cr Anne Galloway CCC	Councillor, Christchurch City Council
Simon Hay	Nothing to declare
Cr Nicole Reid SDC	<ul style="list-style-type: none"> <li>• Councillor, Selwyn District Council</li> <li>• Director of Marcherie Ltd</li> <li>• Owner of two properties in Rolleston</li> <li>• Assistant Group Leader at Rolleston Scout Group</li> <li>• Partner is a Senior Sustainability Engineer with Synlait</li> </ul>
Fiona McDonald	<ul style="list-style-type: none"> <li>• Board member of Education Outdoors NZ</li> <li>• Board member of Recreation Aotearoa</li> <li>• Chair: Castle Hill Village Association (a committee of SDC)</li> <li>• Lead Auditor for QualWorx</li> <li>• ECAN Central Biosecurity Advisory Group</li> <li>• Castle Hill Village property owner</li> <li>• Self-employed</li> </ul>

Selwyn Waihora Zone Committee Register of Interest	
Zone Committee Member	Interest(s)
Annie McLaren	<ul style="list-style-type: none"> <li>Synlait Milk Ltd Area Manager (Selwyn, Waimakariri and Culverden)</li> </ul>
Karaitiana Taiuru	
Les Wanhalla	<ul style="list-style-type: none"> <li>First and foremost returning good health and mauri O Te Waihora / Lake Ellesmere</li> <li>Kaitiakitunga ,Archaeology</li> <li>Whakapapa, genealogy</li> <li>Rugby league, Life member, honorary south Kiwi.</li> <li>NO conflict of interests</li> </ul>
Mishele Radford	<ul style="list-style-type: none"> <li>Rūnanga Ngāti Wheke</li> </ul>
James Booker	<ul style="list-style-type: none"> <li></li> </ul>
Simon Bryant	<ul style="list-style-type: none"> <li></li> </ul>
Helen Troy	<ul style="list-style-type: none"> <li></li> </ul>
Khan Mckay	<ul style="list-style-type: none"> <li>Selwyn Youth Council member</li> <li>Whakapapa to Te Taumutu Rūnanga</li> </ul>

## SELWYN WAIHORA ZONE COMMITTEE – Outline of Agenda

TUESDAY 3<sup>rd</sup> August 2021, **Tai Tapu Community Centre**

### TIMETABLE & ORDER OF BUSINESS

Item	Time	Description
	<b>2.00pm</b>	Meeting commences with karakia and formal order of business: <i>Co-chair(s)</i> <ul style="list-style-type: none"> <li>• Welcome to new community members – James Booker, Simon Bryant, Helen Troy, Khan Mckay</li> <li>• Apologies</li> <li>• Conflict of interest register-UPDATE</li> <li>• Identification of Urgent General Business</li> <li>• Confirmation of minutes May 2021</li> <li>• Public contribution</li> <li>• Correspondence</li> </ul>
1	<b>2.30pm</b> (5 mins)	<i>Welcome new members and acknowledge departing members -</i> <b>Discussion &amp; Decision</b> <ul style="list-style-type: none"> <li>• <i>Changing or retaining hui dates and times.</i></li> </ul>
2	<b>2.45pm</b> (15min)	<i>Nitrate testing drop-in debrief</i> <ul style="list-style-type: none"> <li>• <i>Take paper as read</i></li> <li>• <i>Decide on further actions if appropriate.</i></li> </ul>
3	<b>3.00pm</b> (10 min)	<i>Working group formalities</i> <ul style="list-style-type: none"> <li>• <i>Discussion and decision on working group format to progress action plan.</i></li> </ul>
4	<b>3.10pm</b> (25 mins)	2021-2031 Long term plan decisions- <b>For information and discussion</b> <ul style="list-style-type: none"> <li>• <i>Selwyn District Council update (Murray Washington)</i></li> </ul>
5	<b>3.35pm</b> (20 mins)	Central zone annual work programme- <b>for information and discussion</b> <ul style="list-style-type: none"> <li>• Environment Canterbury (zone delivery lead), to give a verbal update of priorities for the Selwyn Waihora zone 2021/2022.</li> </ul>
6	<b>3.55pm</b> (10 mins)	Letter of support to Waikirikiri/ Selwyn schools- <b>discussion, decision.</b> Purpose: to progress action plan target around supporting kura/schools. Seeking feedback and/or the use of a formal letter from the zone committee
7	<b>4.05pm</b> (40 mins)	Ō Tu Wharekai & Sensitive lakes catchment (Selwyn foothills/high country) <b>-For information, Discussion, Decision.</b>

		<ul style="list-style-type: none"> <li>• Presentation of recent report related to degradation of high-country lakes in the Ashburton and Selwyn zone. (Nick Daniels, Environment Canterbury)</li> </ul>
8	<b>4.45pm</b> (10 mins)	Committee report- <b>information, discussion</b> <ul style="list-style-type: none"> <li>• Receive report from Brad Waldon-Gibbons (Selwyn Waihora zone facilitator)</li> </ul>
	<b>4.55pm</b>	Meeting close <i>Co-Chairs</i>



**MINUTES OF THE 106<sup>th</sup> MEETING OF THE SELWYN WAIHORA ZONE COMMITTEE  
HELD IN THE LINCOLN EVENT CENTRE ON TUESDAY 4 MAY 2021 COMMENCING AT  
2.00PM**

**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>• Welcome to new Facilitator – Brad Waldon-Gibbons</li> <li>• Apologies</li> <li>• Identification of Urgent General Business</li> <li>• Confirmation of minutes April 2021</li> <li>• Public contribution</li> <li>• Correspondence</li> </ul>		Co-chairs
1.	2.30pm	Selwyn Waihora Zone Committee's 2021-2023 Action Plan – <b>For Decision</b>		Fiona McDonald (co-chair)
2.	3.00pm	Council updates and Zone Committee/Community Q&A time- <b>For Discussion</b>		Selwyn District Council Christchurch City Council, and Environment Canterbury staff
3.	4.30pm	Facilitator's Report – <b>For Information and Discussion</b> <ul style="list-style-type: none"> <li>• <i>Update on Meeting Action list</i></li> <li>• <i>Update on co-chairs meeting</i></li> <li>• <i>Update on regional committee meeting</i></li> <li>• <i>Update/confirm readiness for drop-ins</i></li> </ul>		<i>Brad Waldon-Gibbons, Environment Canterbury</i>
	5.00pm	Meeting close		Co-chairs

**PRESENT**

Annie McLaren (Community Member); Les Wanhalla (Te Rūnanga o Taumutu / Co-Chair); Fiona McDonald (Community Member / Co-Chair); Councillor Nicole Reid (Selwyn District Council); Simon Hay (Community Member), Annie McLaren (Community Member); Paul Hodgson (Community Member); Karaitiana Taiuru (Te Rūnanga o Koukourarata), and Dr Benita Wakefield (Te Rūnanga o Wairewa);

## IN ATTENDANCE

Brad Waldon-Gibbons (Facilitator), Dr T Davie, Tana Luke, Andrew Livingston, Sylvia McAslan, Dr Brett Painter, Ellen Williams, Gillian Jenkins, Stephen Bragg and Murray Griffin (Environment Canterbury Regional Council); Denise Ford and Therese Davel (Selwyn District Council); John Benn (Department of Conservation); Lou Drage (Te Ara Kākāriki); Lynett Harris (Waihora Ellesmere Trust)

## APOLOGIES

Councillor Anne Galloway (Christchurch City Council); Councillor Vicky Southworth (Environment Canterbury Regional Council); and Mishele Radford (Te Hapū o Ngāti Wheke)

**Moved** –Les Wanhalla / **Seconded** – Councillor Fiona McDonald

*‘That the Selwyn Waihora Zone Committee receives the apologies for information.’*

**CARRIED**

## IDENTIFICATION OF URGENT GENERAL BUSINESS

None

## CONFIRMATION OF MINUTES

### **Minutes of the 105<sup>th</sup> Meeting of the Selwyn Waihora Zone Committee (Water Management) held on Tuesday 6 april 2021**

Councillor Reid noted that staff have followed up with Mr Bate and will also do a site visit with him to review the issues. Selwyn District Council staff will be requested to inform the committee about the outcome of the meeting with Mr Bate.

**Moved** – Cr Nicole Reid / **Seconded** – Annie McLaren

*‘That the minutes of the 105<sup>th</sup> meeting of the Selwyn Waihora Zone Committee (Water Management) held on Tuesday 6 April 2021, be confirmed as circulated.’*

**CARRIED**

## CORRESPONDENCE

None.

## PUBLIC CONTRIBUTION

None.

## REPORTS

### 1. Selwyn Waihora zone Committee 2021 – 2023 Action Plan – For Decision

*Fiona McDonald (Co-Chair)*

The committee discussed having members taking on roles where they were able to take on a specific workstream as a subject matter expert. Someone who oversees a workstream and provide regular updates. It was acknowledged the action plan was large and to keep momentum it would be good to split into smaller working groups taking into account members' interests. These could be small subcommittees / working groups of 2 – 3 members. Apart from taking time during the next meeting to brainstorm priorities and top actions within each, the following members identified which workstream they would like to get involved with:

Les Wanhalla – Mahinga Kai, Te waihora

Annie McLaren – Facilitating catchment targets

Simon Hay – Biodiversity

Nicole Reid – Private Drinking water supplies, Nitrates and Co-Governance and Te Waihora (acknowledging Cr Southworth would probably be interested in this area too)

Dr Wakefield – Mahinga Kai, Waikirikiri

Karaitiana Taiuru – Mahinga Kai, Waikirikiri

Paul Hodgson – Waikirikiri and nutrients

Fiona McDonald – Co-Governance, Te Waihora

**Moved** - Paul Hodgson / **Seconded** – Fiona McDonald

*'That the Zone Committee:*

- *Finalises the Action Plan as final version (acknowledging this is a working document).*
- *Discuss ways of working as "next steps" E.g., formation of working groups, champions/action advocates etc.*
- *Considers the key questions listed at the end of this paper prior to the meeting'*

**CARRIED**

## **2. Council Updates and Zone Committee / Community Q&A time – For Discussion** *Selwyn District, Christchurch City and Environment Canterbury Councils' staff*

### **Selwyn District Council**

Denise Ford from Selwyn District Council presented to the Committee (refer Presentation). She spoke about removal of willow species around Yarrs Lagoon with funding from the FIF. Denise also told the Committee of successful Kids Discovery Plant Out events.

Some of the key projects currently under way include the development of a Selwyn District biodiversity Strategy, Silverstream constructed wetland which is a collaboration between ECan, Iwi, industry and landowners, as well as weed control around Rakaia Gorge.

### **Christchurch City Council**

Letter taken as read, with no questions or comments back to Christchurch City Council.

### **Environment Canterbury Regional Council**

Dr Brett Painter told the Committee about the Broadacres TSA Project which has been progressing well. Plant macrophytes are now ready to go in. Regarding the Selwyn / Waikirikiri Near River Recharge the site was completed in November 2019. It was currently officially in its commission period although not yet operational. There will be an invitation going out for an opening event at the end of May. Dr Painter said the final step was the commissioning period which required almost an entire month of perfect conditions to provide its success. Dr Painter said that all augmentation was about ecosystem health overall.

In relation to IMS projects, Ellen Williamson updated the Zone Committee noting that in the past year there was \$86k available. She quoted some projects that have been successfully completed, with others in various stages of completion.

The include, but are not limited to:

- Sharpes Drain – Ladbrooks School COMPLETE
- West Rolleston Primary School Planting – COMPLETE
- Tai Tapu School biodiversity restoration – COMPLETE
- Harts Creek – 3 years of funding – YEAR 1 COMPLETE
- Western Valley Trapping Programme – WILL CARRY OVER INTO FY22
- Cleathings Valley Wetland – YEAR 1 FENCING DONE
- Rakaia Gorge Biodiversity Protection and Weed control – many organisations on board, PROJECT POSTPONED FY22 – IMS will roll over but weed control will be postponed
- Upper Waikirikiri Weed Control Stage 2 – PROJECT STARTS FY22

Sylvia McAslen next updated the Zone Committee on the Silverstream project, noting staff continue to work with land owners and two external scientist. They were working on a type of prototype to determine how e-coli was getting into waterways. When this was complete in summer it would potentially be able to pinpoint the cause.

Gillian Jenkins introduce Tana Luke to the Committee as the new Pou Mātai Kō (Cultural land management advisor). Gillian said there are around 24 compliance officers who continually need to prioritise their work. She noted there were 24,000 resource consents across Canterbury.

John Benn from Department of Conservation noted he will provide a summary of projects at a future meeting.

**Moved** - Paul Hodgson / **Seconded** – Fiona McDonald

*‘That the Selwyn Waihora Zone Committee:*

- *Receive any information and updates provided by Councillors and/or council staff.*
- *Discuss topics of relevance to the zone committee*
- *Note any actions for further work*
- *Explore action plan alignments where possible’*

**CARRIED**

### **3. Facilitator’s Report – For Information and Discussion**

*Brad Waldon-Gibbons, Selwyn Waihora Zone Committee Facilitator*

The Zone committee facilitator, Mr Brad Waldon-Gibbons took his report mainly as read but updated the Committee on the refresh period. He said applications will be open until 10 May 2021 with selection panel meetings around the week 25 – 27 May for the various committees. Four applications have thusfar been received for the Selwyn Waihora zone committee.

The Committee considered it could be possible to change the time to later in the day, but not necessarily the day of the week.

Brad asked the Committee whether the Ashburton Zone committee could join them on the noho marae later in the year, and the Committee agreed.

Brad also said the zone committee quarterly updates to the various Territorial Authorities will happen later in May, with Councillor Reid presenting to the Selwyn District Council. He will be present as well.

**Moved** - Paul Hodgson / **Seconded** – Fiona McDonald

*'That the Selwyn Waihora Zone Committee receive the Zone Facilitator's Report, for information.'*

**CARRIED**

Brad Waldon-Gibbons ended the meeting with karakia. The meeting ended at 4.48pm.

DATED this                      day of                      2021

\_\_\_\_\_  
**CO-CHAIR LES WANHALLA**

\_\_\_\_\_  
**CO-CHAIR FIONA MCDONALD**

AGENDA ITEM NO: 01	SUBJECT MATTER: <b>Committee member welcome/farewell</b>
REPORT BY: Brad Waldon-Gibbons	DATE OF MEETING: 3 <sup>rd</sup> August

### **Purpose:**

As the zone committee refresh process has concluded and all councils have formally signed off on new appointments, the SWZC now has a full number of community representatives. This item is for ZC members to formally welcome new members to the committee while also acknowledging members whose term is up.

### **Recommendation:**

That the Zone Committee:

- Formally recognise past members contributions and Farewell
  - Benita Wakefield (Rūnanga representative for Te Rūnanga o Wairewa) formal resignation
  - Paul Hodgson (community representative) end of 3-year term.
- To formally welcome new members to the Selwyn Waihora Zone Committee.
- That the committee discuss further meeting times, days and locations to best suit the new committee make up, function, and desired way of working. -

### **DISCUSSION/DECISION**

### **Background:**

The committee is an expression of the partnership between Selwyn District Council, Christchurch City Council, Environment Canterbury (the Regional Council), Te Taumutu Rūnanga, Ngāi Tūāhuriri Rūnanga, Te Rūnanga o Ōnuku, Te Rūnanga o Koukourarata, Te Rūnanga o Wairewa, and Te Hapū o Ngāti Wheke; and local communities to implement the Canterbury Water Management Strategy. 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 Selwyn District Council and Christchurch City Council (the Territorial Authorities) and Environment Canterbury (the Regional Council). Relevant Territorial Authority Standing Orders apply to the operation of the committee. This includes requirement to make a declaration of conflict of interest, keeping a register of interests and guidance on attendance and absences at meetings.

The committee will work as a committee and as individual members in accordance with Canterbury Water Management Strategy Zone Committee Code of Conduct.

## COMMITTEE MEMBERSHIP

The committee will comprise:

1. One elected member appointed by Christchurch City Council and Selwyn District Council respectively.
2. One elected member appointed by Environment Canterbury.
3. One nominated representative from Te Taumutu Rūnanga, Te Ngāi Tūāhuriri Rūnanga, Te Rūnanga o Ōnuku, Te Rūnanga o Koukourarata, Te Rūnanga o Wairewa, and Te Hapū o Ngāti Wheke respectively, with provision for an alternate Rūnanga member to attend zone committee meetings where desired.
4. Between 4-7 community members with provision that this number may be exceeded if Christchurch City Council, Selwyn District Council and Environment Canterbury agree. Community members are to be appointed in accordance with the process below.
5. **One youth representative may be added to committee (in addition to the 4-7 community members) on recommendation of the zone committee on a case-by-case basis.**
6. Where a youth representative is recommended, expressions of interest will be drawn from Environment Canterbury's Youth Rōpū, Christchurch City and Selwyn District Youth Councils and Te Taumutu Rūnanga, Te Ngāi Tūāhuriri Rūnanga, Te Rūnanga o Ōnuku, Te Rūnanga o Koukourarata, Te Rūnanga o Wairewa, and Te Hapū o Ngāti Wheke, and confirmed by Christchurch City Council, Selwyn District Council and Environment Canterbury.
7. Christchurch City Council and Selwyn District Council and Environment Canterbury will appoint their own representatives on the Committee. Te Taumutu Rūnanga, Te Ngāi Tūāhuriri Rūnanga, Te Rūnanga o Ōnuku, Te Rūnanga o Koukourarata, Te Rūnanga o Wairewa, and Te Hapū o Ngāti Wheke will appoint their representatives and notify Christchurch City Council, Selwyn District Council and Environment Canterbury.
8. Proxies or alternates are not permitted except for Rūnanga, Selwyn District Council and Christchurch City Council representatives.

Any Committee may co-opt such other expert or advisory members as it deems necessary to ensure it's able to achieve its purpose. Any such co-option will be on a non-voting basis.

## Attachments:

n/a



AGENDA ITEM NO: 02	SUBJECT MATTER: <b>Private well/bore testing drop-in session</b>
REPORT BY: Brad Waldon-Gibbons, Environment Canterbury	DATE OF MEETING: 3 <sup>rd</sup> August

### **Purpose:**

To recap and debrief the zone committee hosted drop-in sessions around raising private well owner responsibilities for testing.

- explore intended outcomes and actual achievements of the events
- discuss further actions/recommendations need (including workshop discussion).

### **Recommendation:**

That the Zone Committee:

- Receives the paper from the zone facilitator, debriefing the two drop-in days
- Makes any further recommendations to council(s)
- Decide if further actions are required moving forward.

### **Background:**

Environment Canterbury councillors on both Selwyn Waihora and Orari-Temuka-Opihi-Pareora Zone Committees have raised the idea of zone committees playing a role in helping to raise awareness about issues related to drinking-water quality in Canterbury. Contaminants include nitrates, pathogens (e-coli, campylobacter, salmonella), metals, and emerging issues.

On 1 September 2020 the Selwyn Waihora Zone Committee received a letter delivered in person that described a recent community nitrate testing session and asked the committee what Environment Canterbury's or the committee's plan is to ensure people know about high nitrates and have adequate resources to test and treat their water if it is contaminated. This zone committee has agreed to make 'raising awareness about drinking water quality' a priority in its Action Plan, and as a start, host at least one public meeting on this topic a year.

There was also a Danish study released in February 2018 that explored population-based health register data, with longitudinal drinking water quality data, on an individual level to study the association between long-term drinking water nitrate exposure and colorectal cancer (CRC) risk. Individual nitrate exposure was calculated for 2.7 million adults based on drinking water quality analyses at public waterworks and private wells between 1978 and 2011. For the main analyses, 1.7 million individuals with highest exposure assessment quality were included. They found statistically significant increased risks at drinking water levels above 3.87 mg/L (0.87 mg/l nitrate-nitrogen), well below the current drinking water standard of 50 mg/L (11.3mg/l nitrate-nitrogen). Their results add to existing evidence suggesting increased CRC risk at drinking water nitrate concentrations below the current drinking water standard. The study recommends a discussion on the adequacy of the drinking water standard in regard to chronic effects is warranted.

In May 2021 the SWZC hosted drop-in sessions with the support of Environment Canterbury technical staff to test private bore/well owners water samples to give an indicative result on their nitrate-nitrogen levels in relation to the MOH safe drinking water guidelines of 11.3mg/l. These were run over two afternoons, with an overwhelming response from the community to find out their nitrate levels. The main purposes of the drop-in sessions was to raise awareness of both the safe drinking water standards and associated risks but also the responsibilities of private well owners have in relation to doing their own regular testing of private well supplies.

Since the drop-in session there has been further study by an Otago University Wellington fellow (lead author, Dr Tim Chambers) of two overseas studies released this year including one involving 1.4 million Californian babies, born over a 10-year period. This showed the chances of a premature birth increased by 47 percent when nitrates in drinking water were just 5 milligrams per litre of water. This was less than half the current safe level in New Zealand, of 11.3 milligrams.

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### **Discussion:**

- Feedback/dialogue received from community/attendees.
    - *Unaware what their “number” means in relation to drinking standard (prior to event)*
    - *Unaware of where to get water samples tested (prior to event)*
    - *Not wanting to pay for a service that in their view is the cause of other land users in the zone*
    - *Unsure on solutions if nitrate levels are deemed high*
    - *Want to have a special view of the zone in relation to nitrate levels*
    - *Unaware of probable sources*
    - *What are the long-term health implications?*
  - *Multiple statutory entities with some form of responsibility related to water.*
  - Event purpose and outcomes achieved
  - Is there a requirement for further action from the zone committee?
-

AGENDA ITEM NO: 03	SUBJECT MATTER: <b>Establishing working groups</b>
REPORT BY: Brad Waldon-Gibbons, [Environment Canterbury]	DATE OF MEETING: 3 <sup>rd</sup> August 2021

### **Purpose:**

To provide the Selwyn Waihora Zone Committee with options and processes to formulating working groups under the Zone committee to further work required to achieve priority areas/actions in their 2021-2024 action plan.

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### **Recommendation:**

That the Zone Committee:

- take the paper provided as read
  - **discuss** options provided by facilitator and choose a preferred mode of operating-**DECISION**
  - set a trial period of 6 months, and then review again to ensure mechanism provides for desired Zone committee outcomes in relation to progressing action plan targets.
  - Discuss working group Terms of reference (option 1) is decided- **DISCUSSION**
- 

### **Background:**

### **Report:**

*There are a range of options to choose how the Zone Committee would like to advance the implementation of their action plan priorities. These range from formal working group establishment with their own terms of reference under committee standing orders, through to targeted informal workshops where part or whole committee participation can be achieved with discussions then being presented in a formal meeting to the Zone committee for adoption.*

#### ***(Option 1): Established working groups under the zone committee***

This would require the zone committee to create a terms of reference for each working group created that stated the scope, membership (including external members, if any), creation and disbanding time frames, meeting times and frequency, roles and responsibilities, any required support from the zone committee.

A set of recommendations would still need to be presented to a formal zone committee meeting to be adopted.

**(Option 2): whole committee workshops (RECOMMENDED OPTION)**

This is inline with the new Zone committee terms of reference that allows for 4 formal meetings a year with workshops and field trips in addition to this. In publicly excluded workshops the whole zone committee can discuss priority actions as a whole and then formally adopt these at the next formal meeting.

**(Option 2a) small groups**

In addition to option 2, the workshops can be facilitated to allow for zone committee members to divide into small groups and advance priorities and discussion and then these be brought back to the committee as a whole, to formally adopt at formal meetings if agreed.

**(Option 3): delegate creation and implementation to outside entity/stakeholder**

The zone committee could choose to seek external sources to create, implement and evaluate action plan priorities and report back to the zone committee on progress. This would require either a formal contract or MOU to ensure the scope and outcomes are achieved in a timely manner and within agreed budgets.

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**Attachments:**

n/a

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**Key questions to consider in advance of the meeting:**

Q. what is the best use of time to support action plan progression?

Q. is there a range of options that need to be considered depending on the agenda?

Q. what level of comfort are you happy to accept in regards to design and detail being done in smaller groups vs a whole group.

AGENDA ITEM NO: 04	SUBJECT MATTER:  <b>Selwyn District Council Long Term Plan 2021/31</b>
REPORT BY:  <b>Murray Washington, Group Manager Infrastructure Selwyn District Council</b>	DATE OF MEETING:  <b>3 August 2021</b>

**Purpose:**

To present to the Zone Committee, the key details of the Selwyn District Long Term Plan 2021/31 and the current work programme for the next 2021/22 financial year.

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**Recommendation:**

That the Zone Committee:

- Receive this report
- 

**Background:**

The Selwyn District Council priorities for the Selwyn-Waihora Zone Committee are;

Align all zone activities with the overall social, economic, environmental and cultural wellbeing for the district.

**Long Term Plan 2021-31**

Council consulted on its Long Term Plan during April 2021, and after hearings and deliberations, adopted the Long Term Plan 2021-31 on 23 June 2021.

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The consultation document was purposed around 8 big issues. The outcome of those relevant to the Zone Committee follow:

**BIG DECISION 1 – Keeping our drinking water safe**

*What was proposed?*

Continue our current approach to maintaining safe drinking water supplies, to meet community expectations and comply with regulations.

*Your submissions:*

More submitters preferred to upgrade some water supplies to avoid chlorination even if that meant higher rates for ratepayers and more borrowing for the Council.

*Council's decision:*

The Council agreed to continue with the current approach but acknowledged that ratepayers' preference is to seek to avoid chlorination. Over the next 12 months we will engage with Government's new water services regulatory body Taumata Arowai to determine regulatory requirements for mandatory disinfection. Depending on the outcome of those discussions, we will review cost and rating options to avoid chlorination. This will then inform our draft 2022/23 Annual Plan which the public will be consulted on.

**BIG DECISION 2 – How we pay for drinking water supply***What was proposed?*

Increase the volumetric water rate by a higher proportion than the annual fixed rate.

*Your submissions:*

There was strong support for increasing the volumetric charge.

*Council's decision:*

The Council decided to increase the volumetric water rate by a higher proportion than the annual fixed rate.

**BIG DECISION 3 – Developing a new wastewater system in Darfield and Kirwee***What was proposed?*

Develop a reticulated wastewater treatment in Darfield and Kirwee by connecting to the Pines wastewater treatment plant in Rolleston. The rollout of the proposed wastewater network was planned in different stages, with growth areas of Darfield and the central business areas being completed first from 2021/22 and other proposed areas by 2025/26.

*Your submissions:*

Similar number of submissions supported both the options or had no preference. People's main concerns were the associated costs and timing of the rollout.

- Develop a reticulated wastewater treatment: 31.2%
- Keep septic tanks: 38.6%
- No preference: 30.2%

*Council's decision:*

The Council agreed to develop a new wastewater system in Darfield and Kirwee but with a few amendments to the initial proposal. The project is to be broken into the following stages:

Stage 1: Complete the pipeline to the Pines wastewater treatment plant and require all new developments in Darfield and Kirwee to connect immediately. Construct the sewer pipeline along the main street in Darfield in 2022/23, with properties connecting from 2023/24.

Stage 2 (2021–2023): Together with Environment Canterbury, gather information on the current status of consented septic tanks. This will help inform the timing of the connections rollout. The Council will also review how the scheme should be funded.

Stage 3 (2025–2030): Construction of the local pipework to allow connections in higher risk areas, such as areas with unconsented septic tanks

Stage 4 (2031–2035): Construction of the local pipework to allow connections in lower risk areas, such as areas of townships with more recent consents for septic tanks.

## **ADDITIONAL BIG DECISIONS**

As a result of submissions and presentations at hearings the Council made some additional big decisions which you can read about in this section:

### **Climate Change and Biodiversity**

The Council agreed to appoint a new lead staff member for climate change and sustainability and develop a biodiversity strategy which would include future funding and staff resourcing needs. Currently the Council has two dedicated staff who help protect and manage indigenous biodiversity in the district.

## **OTHER IMPORTANT PROJECTS**

In this section you can find information on other confirmed projects which are likely to be of interest to the Selwyn community.

### **Ellesmere Wastewater**

To continue to meet environmental standards and provide for growth in Ellesmere, the Council has agreed to go ahead with connecting Ellesmere wastewater to the Pines Wastewater Treatment Plant in Rolleston. For environmental and operational efficiency reasons, piping to Rolleston provides a high level of treatment and the economy of scale ensures a cost effective wastewater treatment for generations to come. We are planning to start construction of this upgrade in 2023/24. The work will be funded by a combination of the sewerage district-wide targeted rate and development contributions.

## **Pines 120K**

The Rolleston Pines Wastewater Treatment Plant has been designed so that it can be upgraded in stages to match population growth. The current plant has the capacity to treat wastewater for up to 60,000 people. A masterplan has been developed for the treatment plant to expand the maximum treatment capacity to 120,000 people. The cost will be around \$100 million and will be funded largely by development contributions.

## **Upper Selwyn Wastewater**

Connect the Upper Selwyn Huts settlement to the new pipeline from Ellesmere Wastewater Treatment Plant to Pines Wastewater Treatment Plant (as outlined above). This will have the additional benefit of allowing the Coes and Chamberlains Ford camping areas to connect, and will remove wastewater treatment facilities from near the Selwyn River. The connection is to be funded through the licence fee. The Council will continue to consult directly with the Selwyn Huts community on this proposal.

## **Land drainage network**

There is a growing focus on the environmental performance of Selwyn's land drainage network, which is likely to require increased monitoring and reporting, as well as upgrades. It will be more challenging to gain and renew resource consents, and complying with these consents will be more demanding. Health and safety will continue to be a major focus. Local rūnanga are likely to continue taking a significant interest in the operation of the land drainage network, and will be increasingly involved in decision-making. To help us prepare for these changes, the Council confirmed to transition to a district-wide land drainage committee within the first year of the Long-Term Plan (2021/22). This new governance structure will be accompanied in the future by a district-wide rating scheme, similar to the approach used for water races. One of the first responsibilities of the district-wide land drainage committee will be to develop the new rating structure, for consultation during or prior to the 2022/23 Annual Plan.

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## **KEY ACTION PLAN 2021/22**

Here are some Council projects and initiatives that align with the Zone Committee priorities:

- Tārerekautuku Yarrs Lagoon restoration project – works to restore this 79ha significant lowland plains wetland in the Ararira catchment, primarily with weed / willow control and restoration plantings. Recreation access and provision will also be developed at this site post weed restoration activities.
- Coes Ford proposed wetland – the constructed wetland is proposed to polish the degraded water from the Silverstream and Snake creek catchments before it flows into the Waikirikiri River above Coes Ford. A Working Group – made up of Te Taumutu, landowners, agencies and industry - has been formed to drive and inform this project. Returning cultural and indigenous biodiversity values, and improved recreation opportunities will be key features of this initiative.



- Groundwater farm mudfish project – this will protect and restore a key mudfish water race site through native plantings, improved waterway management and provision of a permanent water supply to the race.
- Ararira LII Catchment Management Plan - Living Water (DOC/Fonterra Partnership) along with MOU partners SDC, the Ararira/LII Drainage Committee, Te Taumutu Rūnanga and ECan are developing a management plan for the Ararira river catchment. An outcome of the MOU is that Council, as catchment managers, will be equipped with a long term, sustainable approach to catchment management.
- Selwyn Natural Environment Fund – through this fund Council is actively contributing to many projects in the Selwyn Waihora Zone – including SNA and Covenant management and protection, pest trapping, and wetland, riparian and dryland restoration plantings – that enable the restoration and regeneration of indigenous biodiversity.
- Lincoln waterways and wetland mahi – Council is actively working with the Lincoln community to protect and enhance cultural, biodiversity and recreation values in the upper reaches of the Liffey and Ararira waterways and at the Lincoln wetland. Part of this includes the development of sustainable drainage / waterway management initiatives at these sites.
- Tai Tapu walkway project – Council has worked with the Tai Tapu community to develop a walkway along the margins of the Huritini Halswell River that links the Rhodes Park Community Centre with the township. Fencing for stock exclusion from the river margins and native plantings enhance this riverside project site.
- Support and representation at forums – Council continues to play an active role in providing support and advice to a number of significant forums / projects including Whakakōhanga Kōrero, Banks Peninsula Pest Free 2050, Te Kāhahu Kahukura (Post Hills Biodiversity Hub), TAK Kaimahi for Nature, and Whakaora Te Waikekewai.
- Te Ara Kakariki support – as a strategic partner Council provides ongoing funding and project support to TAK and Kids Discovery Plant out to help enable their excellent biodiversity community based restoration work programme.
- Predator control activities – in line with the Aotearoa Pest Free 2050 initiative Council is leading a pest control project at Yarrs Flat, and is providing support to a number of related community based projects across the district.
- Osbornes Drain – Working with the Catchment working party to improve water quality, development on treatment wetlands to improve discharge into Te Waihora.
- Water Races – Ecological assessment of the Paparua Scheme.
- Ongoing water race closures after consideration of requirements of stakeholders.
- Continual development of Stormwater Catchment Management Plans
- Darfield wastewater including construction of the Darfield-Kirwee wastewater pipeline (funded in part of the Government 3 Waters Reform Tranche 1 Stimulus funding).

In addition there is the ongoing operational maintenance/renewal activities of our 5 Waters Portfolio:

- Potable Water
- Wastewater
- Stormwater
- Water races
- Land Drainage

Murray Washington  
**Group Manager Infrastructure**  
**Selwyn District Council**

AGENDA ITEM NO: 05	SUBJECT MATTER: <b>Environment Canterbury central zone-annual work programme</b>
REPORT BY: Gillian Jenkins	DATE OF MEETING: 3 <sup>rd</sup> August 2021

### **Purpose:**

- To formally update the SWZC on the 2021/2022 work programme in the Selwyn zone.
- Provide key projects and/or focuses related to zone team delivery.
- Ascertain areas of mutual alignment in relation to the zone committees action plan.

### **Recommendation:**

That the Zone Committee:

- Receive the verbal update from council staff
- Discuss areas of interest to the zone committee and where there could be greater collaboration to achieve intended outcomes.
- Make any formal/ follow up recommendations (as required)

### **Background:**

- 1) The draft Long Term Plan for the next 10 years (2021-31) has recently been finalised by the Council after a long process of development and community engagement.
- 2) On 17th June, the Council formally adopted the Long-Term Plan for 2021- 2031. Information about the final Long-Term Plan can be on the Environment Canterbury website here: <https://haveyoursay.ecan.govt.nz/ltp>.
- 3) Environment Canterbury is now in the process of writing to all submitters to let them know the outcomes of the Long-Term Plan process.
- 4) Within the portfolio structures at Environment Canterbury, section and portfolio work programmes and priorities should reflect outcomes from the renewed and finalised LTP process.

### **Report/Presentation:**

- Gillian Jenkins to give a verbal update on the central zone work annual work programme for 2021/22.

### **Discussion:**

- where does the work programme line up with any of the zone committees priorities and action plan.

AGENDA ITEM NO: 06	SUBJECT MATTER: <b>Formal letter seeking school support</b>
REPORT BY: Brad Waldon-Gibbons, Environment Canterbury	DATE OF MEETING: 3 <sup>rd</sup> August

**Purpose:**

To discuss action plan target of supporting schools within the Selwyn/Waikirikiriri river catchment.

Seek guidance from the committee in writing a formal letter to local schools in the area to engage their interest or support needed in relation to desired zone committee action plan outcomes.

**Recommendation:**

That the Zone Committee:

- Discuss how the zone committee might want to progress these actions.
- The zone committee endorse the co-chairs to write a letter on behalf of the committee

**Background:**

With the creation on the Selwyn/Waihora zone committee action plans under the renewed terms of reference, the below priority had a few actions related to supporting and enabling schools related to a healthy Selwyn/Waikirikiriri river.

**Priority:**

**We will facilitate a community-wide approach to restore the Waikirikiriri/Selwyn River back to a healthy state by:**

Seeking support in the form of a partnership and actively seeking resources and practical projects, including:

-Promoting and enabling school engagement and citizen science.

Ensuring all practical work is based on best practice and evaluation, including:

-Supporting Greendale School's Enviroschools work in the Near River Recharge project and supporting the NRR and Targeted Stream Augmentation projects

**Attachments:**

n/a

AGENDA ITEM NO: 07	SUBJECT MATTER: <b>Ō Tu Wharekai/Sensitive lakes zone</b>
REPORT BY: Nick Daniels, Environment Canterbury	DATE OF MEETING: 3 <sup>rd</sup> August

**Purpose:**

For the zone committee to be updated on the Ō Tu Wharekai sensitive lakes issues and subsequent monitoring in the Ashburton zone, and what ramifications this may also have on the sensitive high-country lakes area in the Selwyn zone.

**Recommendation:**

That the Zone Committee:

- Receive the verbal update from staff
- Receive any further additional handouts (if relevant)
- Discuss implications for the Selwyn High-country lakes moving forward.
- Request's future updates and reporting from statutory agencies on relevant progress or proposed work programmes that are relevant to the Selwyn High-country sensitive lakes area.

**Background:*****Biology & Ecology***

- Canterbury has a large number of lakes in the high country and a number of these are readily accessible by road.
- In contrast to rivers and streams, these lakes are particularly vulnerable to environmental degradation, due to the following:
  - a. Unlike streams and rivers, these lakes accumulate nutrients flowing into them.
  - b. The ecosystems of these lakes have evolved with low levels of nutrient inflows. A small increase in nutrient inflows can have a significant impact on the lake quality and ecology.
  - c. If lakes accumulate nutrients, they can transition from lakebed aquatic plant communities to being dominated by self-supporting algal populations that shade out and replace the aquatic plants. High algal populations result in a visible eutrophic state (greening of the waters) in the lake, and exposure of lakebed sediments to resuspension (loss of water clarity) permanently reducing water quality. This is the scenario seen in coastal lakes such as Wairewa (Lake Forsyth) and Te Waihora (Lake Ellesmere).
  - d. The potential for lakes to 'flip' to a stable degraded turbid/eutrophic state is increased due to the shallow nature of the lakes (as they are more sensitive to wind sediment resuspension, and increased water temperature.).

**Current provisions for protection of sensitive lakes under the Land & Water Regional Plan (LWRP)**

- The Land and Water Regional Plan (LWRP) recognised that many high-country lakes are nutrient sensitive and prone to the adverse impacts of land use intensification. The Sensitive Lake Zones were included in the LWRP nutrient zone provisions, with the intention of halting any increase in nutrients entering these lakes.

The LWRP includes the following provisions for management of these lakes:

- a. *Water quality targets were set for each lake*
- b. *Farms with land in Sensitive Lake catchments required to farm under a consent*

- c. Consents require farms to emit annual nutrient losses no greater than those which occurred during the benchmark period 2009-2013 (as estimated by Overseer)*
- d. Farms to operate at Good Management Practice (GMP) and be subject to audits.*

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**Report/Presentation:**

- Nick Daniels to give a verbal update.

AGENDA ITEM NO: 08	SUBJECT MATTER: <b>Zone Facilitator's Report</b>
REPORT BY: Brad Waldon-Gibbons, Environment Canterbury	DATE OF MEETING: 3 <sup>rd</sup> August 2021

### Topics covered:

- 1) Upcoming events
- 2) Near river recharge update
- 3) Monthly water level state

### 1. Upcoming events

DATE	EVENT
2021 Noho Marae	Noho Marae visit, Taumutu 11am 6 <sup>th</sup> - 10am 7 <sup>th</sup> September  <i>Q. do we also have a separate workshop in this month?</i>
2021 Public Meeting Dates	5 October – 2-5pm <i>unless changed after refresh</i>
10 September	Te Waihora Co-Governors public meetings
9 November 2021	committee only Workshop 12-5pm <i>unless changed after refresh</i>
8 December 2021	Presentation of 3 <sup>rd</sup> triannual report to Christchurch City Council
8 December	Presentation of 3 <sup>rd</sup> triannual report to Selwyn District Council
Aug-nov 2021	Ecan farm drop-in sessions <ul style="list-style-type: none"> <li>• Aug 4<sup>th</sup> 1pm Darfield</li> <li>• Aug 17<sup>th</sup> 1pm Leeston</li> <li>• Sept 1<sup>st</sup> 1pm Darfield</li> <li>• Sept 21<sup>st</sup> 1pm Leeston</li> <li>• Oct 6<sup>th</sup> 1pm Darfield</li> <li>• Oct 19<sup>th</sup> 1pm Leeston</li> <li>• Nov 3<sup>rd</sup> 1pm Darfield</li> <li>• Nov 16<sup>th</sup> 1pm Leeston</li> </ul>

### 2. Near river recharge

- The Waikirikiri Selwyn Near River Recharge Project successfully completed commissioning prior to the May 29-31 rainfall / flooding event. A commissioning report is currently being prepared.
- During May 29-31 the Waikirikiri Selwyn Broke its banks up-gradient from the plantation / recharge area but this only caused minor damage.
- The river also broke its banks at the recharge basin, taking out approximately 150 m of access road, fences and gates (*attachment 1*) before depositing a layer of sediment in the recharge basin (*attachment 2*).
- All primary damage has now been fixed, with boundary fencing completed by early August.

- Operations will resume once groundwater and river levels are back to below average.

### **3. Monthly water state report**

Report by Philippa Aitchison-Earl (supplied by Fouad Alkhaier, senior scientist, ground water science): *Attached 3 (visual map)*

- *Strong responses in groundwater level are seen in wells around the Selwyn River and in the upper parts of the plains from the late May rain, with most wells returning to average and even high levels.*
- *In the Lincoln and Leeston/Southbridge areas while levels have risen, the rain has not yet been enough to significantly recharge these wells that have been at record lows for many months.*

### **4. Te Waihora co-Governance workshop**

The co-chairs went along to the second whakakōhanga kōrero hui. This continued on from the first hui of hearing from all partners, agencies, stakeholders, and community groups involved to share what they are doing in the zone to be added to a special map. Actions moving forward were to discuss the groups' purpose and ability to support the co-governance visions from an operational/on the groundwork programme(s).

### **5. Regional Committee – Community Representation**

The Canterbury Water Management Strategy (CWMS) Regional Committee has recently been refreshed to ensure it continues to support the implementation of the CWMS. This includes a revised structure with a smaller membership, the establishment of a new Ngāi Tahu Co-Chair and a revised role description for the independent Chair and Co-Chair. Expressions of interests are now being sought for community representatives to join the CWMS Regional Committee.



*Attachment 1: access track*



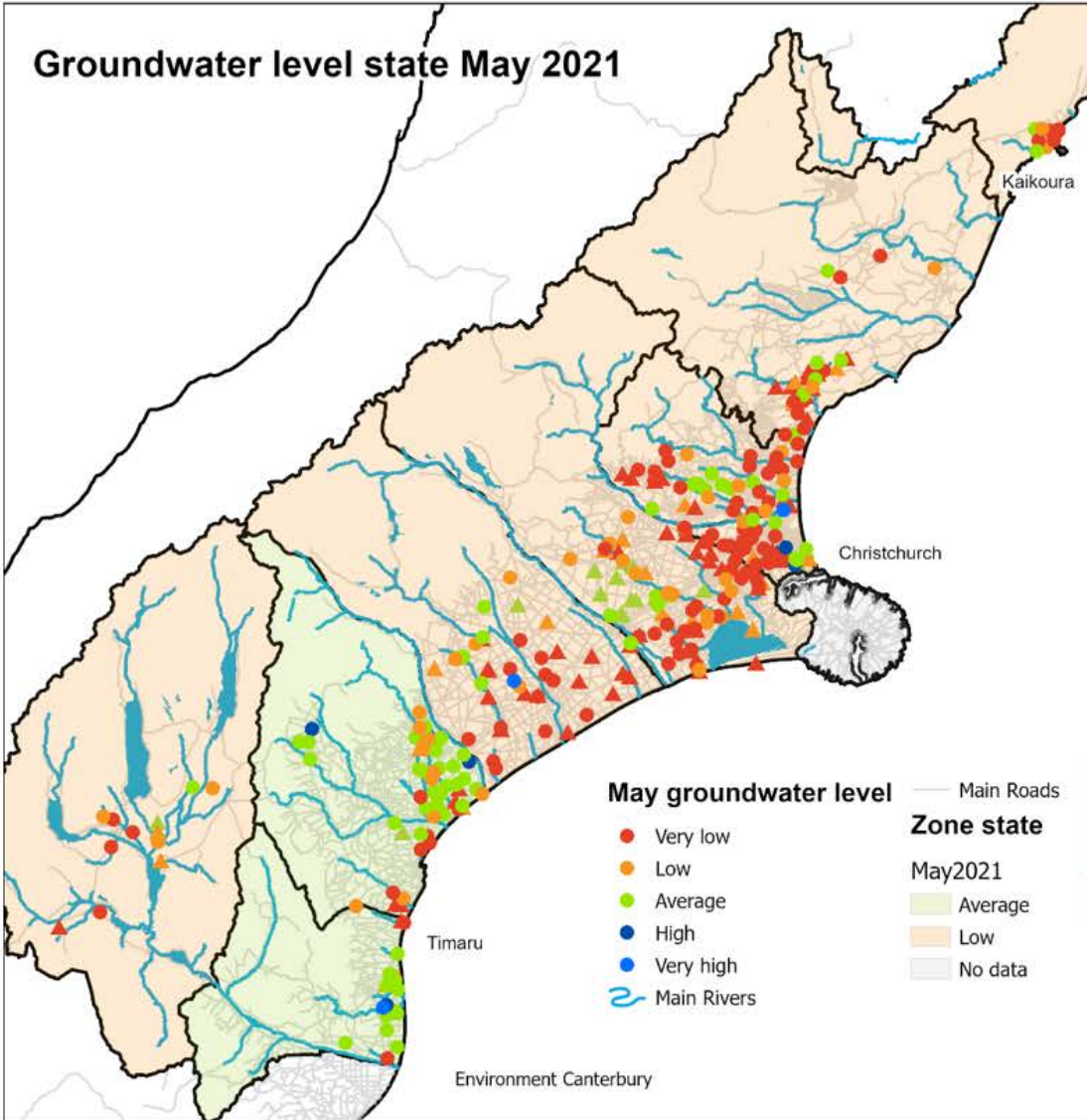
*Attachment 2: recharge basin*



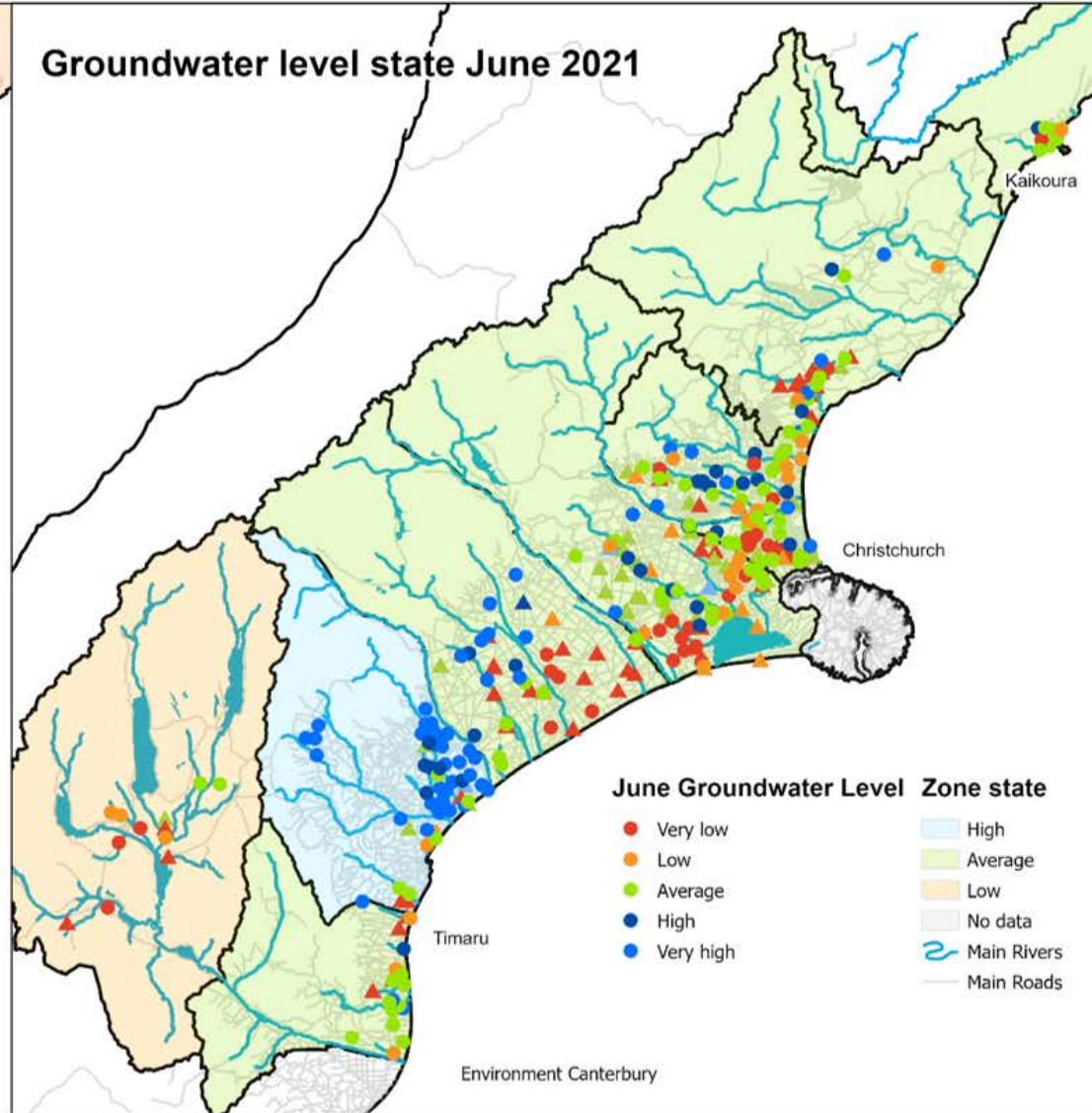


## Attachment 3: monthly groundwater levels

Groundwater level state May 2021



Groundwater level state June 2021



AGENDA ITEM NO:	SUBJECT MATTER: <b>Zone Committee Meeting Action List</b>
REPORT BY: Les Wanhalla and Fiona McDonald (Co-chairs)	DATE OF MEETING: August 2021

	In progress (always shown at top of table)
	Completed (most recently completed at top)

Actions from meeting	Who	Date action identified	Due Date	August 2021 Update
LII presentation- Robin smith (DOC)		4 <sup>th</sup> May 2021		
Send Zone Committee link to information about Rakaia Catchment Environmental Enhancement Fund and disseminate to community	Simon Hay and Committee	6 April 2021	End April 2021	
Progress a response to Waikirikiri Working Group Report [resulting in actions for 2021 and beyond]	**	March 2020	On-going	Send a formal response to Working Group once Zone Committee's Action Plan complete
Send CCC submission points on ECan LTP to zone committee	Anne Galloway	6 April 2021	9 April 2021	
Amend action plan document (SMART tracked table) of changes discussed at meeting.	Zone facilitator	4 May 2021	July 2021	All wording was amended and finalised.
Send Zone Facilitator final comments on draft Action Plan ready for ratifying in May	Zone Committee	6 April 2021	11 April 2021	Action plan finalised May 4th
Seek clarity on the state of L2 River and respond to Mr Michael Bate	Zone Committee	6 April 2021	June 2021	SDC staff followed this request up
Request report on Ōtukaikino Health Assessment from Mr M Patchett and send to committee	Facilitator	6 April 2021	End April 2021	Done, sent out to zone committee on 8 April 2021
Zone Committee write a letter of support to Boat Creek Project and investigate connection with Weed Strike Force	Zone Committee (Facilitator)	1 December 2020	February 2020	Done, December 2020
Provide Progress Report against ZIP Addendum and Selwyn Te Waihora Plan outcomes/targets	ECan	March 2020	End 2020	External peer review response being incorporated into report
Identify any zone committee specific actions resulting from committee-member stakeholder engagement	Zone Committee	November 2020	End 2020	Letter sent to Forest and Bird and actions incorporated into draft Action Plan list

Discuss how the Zone Committee can support CPW (education, \$ for riparian planting, leverage re consent surrender)		Committee	6 October 2020	End 2020	Topic added to draft 2021 Action Plan for on-going consideration
Send out Recreation water reports that was completed about ten years ago		Facilitator	6 October 2020	End 2020	E-mailed to committee on 27/10/2020
Add possible site visit to dairy farm with auditor on site to answer questions to Action Plan for 2021		Facilitator	6 October 2020	End 2020	Action inserted into draft Action Plan 2021
Co-Governor Relationship – Les to discuss with Co-Governors, for example invitation to end of year hui and lunch		Les Wanhalla	2 September 2020	End 2020	Invitation to December hui issued to Co-Governors and work underway for March 2021 hui
Respond to Mike Glover and identify next steps		Co-chairs	2 September 2020	Done	Done: Response sent to Mike Glover and actions being incorporated into Committee Action Plan
Request ECan Biodiversity Officer for specific changes to Immediate Steps paperwork/process		Facilitator	2 September 2020	Done	Environment Canterbury Biodiversity Officer will incorporate these actions into next round of IMS proposals.
Arrange sessions for future committee meetings:		Co-chairs and Facilitator			
	ZIP/ZIPA/Plan Change 1 refresher		2 September 2020	Done	DONE (October 2020)
	“Futures topics” Regenerative agriculture GMO Climate Change New Organisms		2 September 2020	2021	
	Council Long-term Plans		2 September 2020	When Councillors ready	Councillors to recommend when ready to discuss with zone committee

Facilitator Proposal: Start new list for 2021, only keeping any incomplete actions. Over time this will be aligned with Action Plan reporting.