

**85TH ORDINARY MEETING OF THE
SELWYN-WAIHORA ZONE COMMITTEE
TO BE HELD AT THE
NGĀTI MOKI MARAE*
ON TUESDAY 7 AUGUST 2018
4PM – 5PM**

Please note: All visitors attending the meeting are respectfully requested to please meet and wait at the gate at **3.45pm** for a mihi whakatau

***Address: Corner Pohau and Gullivers Rd, Taumutu (Pohau Road, Taumutu)**

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

Loran Eisely, US Author

85th Meeting of the Selwyn Waihora Zone Committee - Outline of Agenda

DATE: TUESDAY 7 August 2018
TIME: 4.00pm
VENUE: Ngāti Moki Marae, TAUMUTU

| Item | Time | Description | Pages | Presenter |
|------|---------------|---|-------|--|
| | 4.00pm | Meeting commences with karakia and formal order of business: <ul style="list-style-type: none"> • Apologies • Identification of Urgent General Business • Confirmation of minutes 3 July 2018 • Matters Arising & actions from last meeting • Report to and from Regional Committee Meeting (Karaitiana Taiuru) • Update from Zone Committee members on activities and meetings attended that relate to the Committee's outcomes for the zone | | |
| | 4.20pm | General Public Contribution | | |
| 1. | 4.25pm | Verbal update: Selwyn-Waihora water quality and flow monitoring information | | <i>Tim Davie, Environment Canterbury</i> |
| 2. | 4.55pm | Verbal update: "Plan for Selwyn River" Working Group | | <i>Paul Hodgson</i> |
| | 5.00pm | Approximate finish time | | |

MINUTES OF THE 84TH MEETING OF THE SELWYN WAIHORA ZONE COMMITTEE HELD IN THE BAYLISS LOUNGE, LINCOLN EVENT CENTRE, LINCOLN, ON TUESDAY 3 JULY 2018 COMMENCING AT 2:30 PM

AGENDA SUMMARY

| Item | Time | Description | Presenter |
|------|---------------|---|---|
| | 2.30pm | Meeting commences with karakia and formal order of business: <ul style="list-style-type: none"> • Apologies • Identification of Urgent General Business • Confirmation of minutes 5 June 2018 • Matters Arising & actions from last meeting • Report to and from Regional Committee Meeting (Karaitiana Taiuru) • Update from Zone Committee members on activities and meetings attended that relate to the Committee's outcomes for the zone • Committee membership changes | |
| | 2.45pm | General Public Contribution | |
| 1. | 2.50pm | Verbal Report: Selwyn Waihora Zone Delivery | <i>Chris House, Environment Canterbury</i> |
| 2. | 3.00pm | Applications for Immediate Steps Biodiversity Fund | <i>Johannes Welsch, Environment Canterbury</i> |
| | 3.15pm | Break | |
| 3. | 3.40pm | Update on groundwater nitrate in the zone | <i>Fouad Alkhaier, Environment Canterbury</i> |
| 4. | 4.20pm | Outline of proposed 'Pumpkin ' for 2018 | Allen Lim |
| 5. | 4.40pm | Zone Facilitator's Report <ul style="list-style-type: none"> • CWMS Fit for Purpose Project | <i>Ian Whitehouse & Miria Goodwin, Environment Canterbury</i> |
| | 5.00pm | Approximate finish time | |

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

The Chair welcomed everyone to the meeting.

PRESENT

Allen Lim (Chair), Dr Benita Wakefield (Wairewa Rūnanga), Megan Hands (Community Member), Maree Goldring (Community Member), Paul Hodgson (Community Member), Ron Pellow (Community Member), Les Wanhalla (Te Rūnanga o Taumutu), Councillor Anne Galloway (Christchurch City Council), Karaitiana Taiuru (Te Rūnanga o Koukourāata),

Councillor Iaeen Cranwell (Canterbury Regional Council), Councillor Murray Lemon (Selwyn District Council)

IN ATTENDANCE

Johannes Welsch, Miria Goodwin, Chris House, Fouad Alkhaier, Lisa Scott, Ian Whitehouse (Canterbury Regional Council), Councillor Nicole Reid, Murray England and Therese Davel (Selwyn District Council), Denise Abbot (WET), John Benn (DOC), Adrian Matthews (NZ Defence Force, Burnham), Emily Moore (Fish and Game), Mike Glover (SWWIM), Katie Nimmo (Waterways Centre), Denise Tully (Canterbury District Health Board), Jane Hodgson (member of public)

APOLOGIES

Apologies received from George Tikao, Kylie-Jane Phillips.

Apologies for early departure from Cr Murray Lemon.

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

That the Committee accept apologies for absence as noted.

CARRIED

IDENTIFICATION OF URGENT GENERAL BUSINESS

None.

CONFIRMATION OF MINUTES

Minutes of the 83rd Meeting of the Selwyn Waihora Zone Committee (Water Management) held on Tuesday 5 June 2018.

(Refer pages 4 – 10)

Moved: Paul Hodgson / **Seconded:** Ron Pellow

That the minutes of the 83rd meeting of the Selwyn Waihora Zone Committee (Water Management) held on Tuesday 5 June 2018, be confirmed, as amended.

CARRIED

MATTERS ARISING FROM MINUTES

In response to a question from Paul Hodgson related to the briefing from Fish and Game, Ian noted there was no date for this briefing yet.

Ian also noted that the update regarding lake margin wetlands and wet pasture will be presented later in the year.

REPORT TO AND FROM REGIONAL WATER MANAGEMENT COMMITTEE MEETING

The Regional Water Management Committee representative said he would email the Zone Committee an update of the recent meeting. He did note that it was the Chairperson's last meeting.

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:

Cr Murray Lemon – attended two meetings of the Selwyn District Council Biodiversity Working Group; Attended a meeting of the Rural Provincial Councils, Wellington

Les Wanhalla – attended a meeting with Selwyn District Council on water race closures

Ron Pelow – attended a Greenhouse Gas seminar on nutrient losses and efficiency opportunities

Paul Hodgson – field day on fish screens with Environment Canterbury

Cr Anne Galloway – attended a Te Waihora co-governors meeting at Environment Canterbury

Allen Lim – presented the Zone Committee report to Christchurch City Council; attended a Te Waihora co-governance meeting; attended a horticultural operations working group meeting as part of Environment Canterbury's Omnibus Plan change to the Land and Water Regional Plan

GENERAL PUBLIC CONTRIBUTION

None.

ZONE COMMITTEE MEMBERSHIP CHANGES

The Zone Committee noted that Dr Benita Wakefield had been formally appointed by her rūnanga as the new representative of Wairewa.

1. VERBAL REPORT: SELWYN WAIHORA ZONE DELIVERY

(Chris House, Environment Canterbury)

Chris House said CPW was progressing well and water pressure is being tested. He said another challenge for the team would be a monitoring officer take a year leave of absence.

Chris noted the mud fish project was progressing well. He said there was a lot of work involved with fish screens and it was not clear there would be sufficient dedicated staff to continue with the work. In response to a question from Cr Lemon around protocols in place for onsite visits in relation to M-bovis, Chris reiterated staff receive training around biosecurity and the kit used by staff, is very effective.

In response to a question from Paul Hodgson around trends related to compliance for fish screens, Chris noted this could be responded to in the next financial year. Johannes Welsch added that fish screens, water, GMP and regionally significant consents were the current priorities.

Paul also asked about monitoring of restrictions and whether staff can pick up when someone continues to take water during times of restrictions. Johannes noted telemetered wells give real time data and this is used in the monitoring process. It can lead to various levels of enforcement.

2. APPLICATIONS FOR IMMEDIATE STEPS BIODIVERSITY FUND

(Johannes Welsch, Environment Canterbury)

(Refer page 17)

Johannes Welsch told the Zone Committee that any funding not used by the end of June 2019 would not be rolled over into the next year. The Chairperson asked whether a project could be cancelled when the money is not used, and if so, what the Zone Committee's responsibilities would be. Johannes said the contracts have sufficient covenants for this not to happen.

Johannes gave the Zone Committee some background on each project to enable a decision as to whether or not to fund the projects.

'That the Zone Committee agree to the proposed Immediate Steps (IMS) funded biodiversity projects, as below:

Windwhistle Bluff Project

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

CARRIED

Sanford Mudfish habitat enhancement

Moved: Cr Murray Lemon / **Seconded:** Megan Hands

CARRIED

Haldon Pasture – Mudfish protection**Moved:** Megan Hands / **Seconded:** Cr Anne Galloway

CARRIED

Waikirikiri Springs enhancement**Moved:** Allen Lim/ **Seconded:** Megan Hands

CARRIED

Wroots Rd Riparian restoration**Moved:** Cr Anne Galloway / **Seconded:** Maree Goldring

CARRIED

Yarrs waterbody restoration**Moved:** Maree Goldring / **Seconded:** Paul Hodgson

CARRIED'

The following were some of the points made during the discussions on biodiversity projects:

Arrange for open days for the public to view the progress with biodiversity projects

In the Kowara / Mudfish habitat project a fish screen is being trialled which can become a case study with public access

Cr Lemon left at 3.22pm

Johannes Welsch explained the electrical fish screen used in the Haldon Pasture Mudfish protection project, noting they were satisfied it showed no detriment to mudfish fry.

One project, related to the Port Hills, had been allocated funding previously but this is now not going ahead as the owners felt their focus had shifted and they had a different set of priorities now.

Approximately \$5,000 of the 2018/19 funding is not allocated. It was noted that this may be available to support the Youth Zone Committee if they come up with a project in the biodiversity space, on condition it fits with the criteria for Immediate Steps Biodiversity Funding.

3. UPDATE ON GROUNDWATER NITRATE IN THE ZONE

(Fouad Alkhaier & Lisa Scott, Environment Canterbury; Denise Tully, Canterbury District Health Board; Murray England, Selwyn District Council)
(Refer pages 23 – 57)

Fouad Alkhaier and Lisa Scott from Environment Canterbury as well as Denise Tully, Canterbury District Health Board and Murray England, Selwyn District Council presented to the Zone Committee on various issues related to nitrate in groundwater in the Zone.

Through a joint communication plan between Community & Public Health and Environment Canterbury, Environment Canterbury's groundwater science section

produced a report about risk maps of nitrate in Canterbury groundwater in 2013 to provide information about the risk of nitrate contamination in groundwater used for drinking from private wells.

In these risk maps, red areas are high-risk areas where nitrate in groundwater is likely to exceed the Maximum Acceptable Value (MAV), green areas are low-risk areas and yellow areas are moderate-risk areas.

The report is reviewed and updated every two years. The latest version has been updated in December 2017. In this version, there was not a big change from the 2015 version in Selwyn-Waihora zone: only word to refine the boundaries in the low-risk area around the lake.

The analysis did show that there are various types of trends across a variety of wells (decreasing, increasing and no trend). Some of the deep wells show increasing nitrate levels, but the actual values of nitrate concentrations are insignificantly low. To give an idea about the actual behaviour of nitrate in the catchment, Environment Canterbury presented some examples of nitrate records from bores in different risk zones. They will unify the y axis in all the graphs and send them to the facilitator.

Cr Galloway left at 4.19pm

Denise Tully presented to the Zone Committee the responsibility of District Health Boards to communities and in particular in terms of drinking water. She said the DHB has to warn people who may be at greater risk (pregnant women and those with bottle fed infants under 6 months of age on their own private bore) and showed the various pamphlets used to do so. Midwives are an important partner in helping the DHB to get messages across especially in rural areas where people use private bores for their drinking water supplies. She spoke about Methaemoglobinaemia (blue baby syndrome).

Denise told the Zone Committee that on the website they have a map of risk areas, as mapped by ECan, a set of Frequently Asked Questions, pamphlets and laboratory testing information. She also shared the protocol followed by a midwife to assess any risk for clients.

Murray England from the Selwyn District Council shared with the Zone Committee graphs showing trends in nitrate levels for bores with nitrate levels above $\frac{1}{2}$ MAV.

Councillor Lemon asked whether the cluster of red dots just west of Kirwee might have something to do with the specific geology in the area, to which Murray England responded that he would ask an ECan staff member for a response.

Staff noted the deeper wells were tested and monitored yearly while shallower wells were monitored every 3 months.

4. OUTLINE OF PROPOSED 'PUMPKIN PROJECT' FOR 2018

(Allen Lim, Chairperson)

Verbal update

The Chairperson, Allen Lim told the Committee he started the project as a fun thing to do and it encouraged people to step forward and have conversations about pumpkins and water and nutrients. It seemed that people still had a lot of questions after the seminar series. He thought perhaps the project can be done on a bigger scale by actually selling the seedlings rather than giving them away.

During the discussion that followed Zone Committee members provided the following feedback:

- Hand it over to a community group or student to manage;
- Caution against tying down the Committee with the commitment of running competitions every year;
- Ask the Youth Committee how they could see themselves getting involved;
- Rural Women organisations or EnviroTown in Lincoln;
- Regular reports back to the Zone Committee;
- Consider using any money raised for the purposes of biodiversity projects in the zone;
- The Zone Committee maintaining a governance role in the project.

Moved: Maree Goldring / **Seconded:** Paul Hodgson

'That the Selwyn Waihora Zone Committee endorses a People's Pumpkin competition for the 2018 / 2019 year and support the project subject to it being managed beyond the Committee.'

5. ZONE FACILITATOR'S REPORT

(Ian Whitehouse & Miria Goodwin, Environment Canterbury)

(Refer pages 58 - 62)

Ian Whitehouse reiterated that the August meeting will take place at Taumutu Marae and noted the Secretary will send an email to members to gauge their availability of staying overnight. He said at this stage the programme would include the formal welcome onto the marae, brief history of the surroundings, a possible field visit and a short zone committee meeting. The bulk of the time will be spent engaging with Te Waihora Co-Governors.

Following a brief debate on the programme, it was agreed a field visit would be left for another opportunity as it was most important to maximise the time with co-governors for a meaningful, robust discussion.

Referring to the paper related to the CWMS Fit for Purpose Project Ian pointed out one of the really powerful parts of the CWMS were its 10 target areas. Strong signals are sent to deliver on all of the 10 targets and not to choose one over another as more significant. The focus was now on intermediate goals. In response to a question from Megan Hands about membership of the Committee, Ian responded it was not yet decided but would be a variety of parties.

In response to a question from Ron Pellow as to whether the work was driven by Environment Canterbury or Canterbury Mayoral Forum, Ian responded that whilst the CMF endorses the work, it provides ECan with the mandate to do the work.

Ian also noted the people leading this was doing so in terms of a wider sense of community, rather than what the Zone Committee might think of in terms of community. He would come back to the Zone Committee with what is actually meant by community engagement.

GENERAL BUSINESS

Ian Whitehouse took the opportunity to thank the Committee for the time he had to spend with them over several years. He said it was an amazing journey and he will still be available to support Miria Goodwin, who would take over as zone facilitator, and the Committee. Ian noted he was taking up an exciting but challenging role related to the braided river system.

In response, the Chairperson thanked Ian for his support and dedication to the Committee.

In his closing remarks, Cr Iaeen Cranwell noted it was an interesting time for Ian to leave as it was the time of matariki which is also a time of reflection. With Ian leaving and Miria coming in to take over, it was a good time to reflect on the year gone. Cr Cranwell noted this was not only a time to think on what we have achieved but also to think of those who had passed on. He mentioned in particular Te Whe Phillips.

Cr Cranwell closed the meeting with karakia and wished everyone a safe journey home to their loved ones.

The meeting closed at 5.14pm.

DATED this day of 2018

**CHAIR
ACTIONS FROM MEETING**

| Name | Action |
|----------------------|---|
| ECan / Fish and Game | Arrange a briefing from Fish and Game on Snake Creek project – no date yet |
| ECan | Provide progress report against ZIP Addendum (and Selwyn Te Waihora Plan) outcomes / targets |
| ECan | Lake margin wetlands and wet pasture – update at future meeting |
| DOC | LINZ land adjacent to Rakaia River near Te Pirita with high biodiversity values. Andy Thompson, DOC, to come back to the committee with updates |
| ECan Zone Team | Possible purchase of land in lower Silverstream. Updates to be provided. |
| ECan | Arrange Open Days for biodiversity project sites |
| ECan | Graphs and trends in relation to groundwater nitrates to be emailed to the Zone Committee |