

# Minutes of the Canterbury Water Management Strategy Regional Committee meeting held in the Council Chamber, Canterbury Regional Council, 200 Tuam Street, Christchurch on Tuesday 13 June 2017 starting at 1pm

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## Present:

<b>Acting Chairperson</b>	Jane Demeter
<b>Community Representatives</b>	
Vicky Southworth	Ross Millichamp
<b>Zone Representatives</b>	
Carolyne Latham	Waimakariri
Thomas Kulpe	Banks Peninsula

Lance Kenyon	Christchurch-West Melton
Karaitiana Taiuru	Selwyn-Waihora
Sharon Hampstead-Tipene	Lower/Upper Waitaki
<b>Christchurch City Council</b>	
Cr Sara Templeton	
<b>District Council Representatives</b>	
Mayor Sam Broughton	Mid Canterbury
Mayor Winton Dalley	North Canterbury
Peter McIlraith	South Canterbury
<b>Te Rūnanga o Ngāi Tahu</b>	
Rebecca Clements	
<b>Ngā Rūnanga</b>	
Nigel Harris	
Riki Lewis	
<b>Councillors</b>	
Cr Rod Cullinane	
Cr Claire McKay	
<b>Central Government Observer</b>	
Nick Vincent (MFE)	
<b>Canterbury District Health Board Observer</b>	
Dr Alastair Humphrey	

## In attendance

Stephen Bragg (Tangata Whenua Facilitator, Environment Canterbury), Nadeine Dommissie (Senior Manager Operational Support, Environment Canterbury), Anita Fulton (Senior Strategy Advisor – Water & Land, Environment Canterbury), Dennis Jamieson (Project Leader Water Infrastructure, Environment Canterbury), Peter Ramsden (Tangata Whenua Facilitator, Canterbury Water Management Strategy), Dann Olykan (Principal Strategy Advisor Water, Environment Canterbury), Ian Whitehouse (Zone Facilitator, Environment Canterbury), Lesley Woudberg (Team Leader Zone Facilitator, Environment Canterbury), Cindy Butt (Team Leader Governance Services, Environment Canterbury).

## Welcome

Members were advised Jane Demeter was Acting Chairperson for this meeting. The meeting was opened at 1 pm and Peter Ramsden delivered an opening karakia.

## Member introductions and welcome

The Chairperson invited members to introduce themselves to the Committee.

### 1 Apologies

Apologies were received and accepted from Chairperson Andy Pearce, Hugh Canard (Community Representative), Cole Groves (Community Representative), Nicky Hislop

(Community Representatives) Ben Curry (ZC Ashburton), Michele Hawke (ZC Hurunui-Waiou), John Talbot (ZC Orari-Temuka-Opihi-Pareora), David Higgins (Nga Rūnanga), Murray Doak (MPI), Jenny Ridgen (MPI).

## 2 **Conflicts of interest**

No conflicts of interest were declared.

## 3 **Minutes of the previous meeting 11 April 2017**

*(Refer pages 4 - 13 of agenda)*

### **Corrections:**

- 3.1 Item 5.1, Correspondence Letter to the Chief Executive of Environment Canterbury, Page 7, include an additional comment to say: *“Encourage Environment Canterbury to take a lead in furthering mitigation measures in their discussions.”*
- 3.2 Item 7.3, Zone Committee Updates, Christchurch West Melton, Page 8, paragraph 3, correct the text “copper breaks” to read: *“copper brake pads”*.

### **The general consensus of the Canterbury Water Management Strategy Regional Committee:**

**Confirmed the minutes of the Regional Water Management Committee meeting held on 11 April 2017 as true and correct record, with the foregoing corrections.**

### **Attendance:**

Councillor Sara Templeton (Christchurch City Council) attended the meeting at 1.10 pm.

## 4 **Matters arising**

A member requested a general business item on “Biogas”.

## 5 **Correspondence**

There was no correspondence.

## **ITEMS FOR DISCUSSION**

## 6 **Zone Committee Updates**

*(Refer pages 14-22 of the agenda)*

### **6.1 Waimakariri**

Carolyn Latham (Waimakariri ZC representative) presented the report and highlighted the need for good quality feedback from the workshop held in March. Members advised of successful Immediate Steps projects carried out in the Upper Clarence (that was a joint partnership with the Department of Conservation and the Kaikoura ZC), and another in the Waitaki.

## **Attendance**

Mayor Sam Broughton (Selwyn District Council) attended the meeting at 1.15 pm.

It was noted that the Waimakariri Zone Committee was the first sub-regional to tackle the challenges of life-style block land use, and there was much more work to do. Members were advised that the review of the Waimate District Council Strategy was considering life style block land use, and encouraged further dialogue between Zone Committees and District Council's to discuss the challenges this type of land use posed.

### **6.2 Banks Peninsula**

Thomas Kulpe (Banks Peninsula ZC representative) presented the report. He advised many agencies were involved in monitoring and managing lake levels at Lake Forsyth (Wairewa), and considered there was a need to develop a coordinated management and monitoring framework for the Lake.

Mr Kulpe noted zone committee members were involved in a workshop with landowners in Pigeon Bay to develop farm environment plans, and it was further noted that a pilot project is underway working with land owners in Pigeon Bay and Koukourārata to develop a biodiversity farm plan to meet the requirements under the Christchurch City Council District Plan for "significant ecological sites."

### **6.3 Kaikoura**

Matt Hoggard (Kaikoura ZC representative) presented the report and highlighted the following: (a) the zone committee was considering whether better water management outcomes could be achieved through statutory processes, or from increased on-the-ground actions; (b) Groundwater/science was a moving feast with ongoing post-quake surface water and groundwater monitoring revealing ground water had risen considerably in some areas whilst other areas had experienced wells running dry. (c) Natural Hazards research was required to explore the best options to manage post-earthquake flood risk and change in land use.

Members were advised the "Kaikoura Waterwise Brochure" was a useful resource to build community understanding. It was further noted the November 2016 earthquake had damaged many rural water systems and it was suggested a whole of region approach was needed to address this problem.

### **6.4 Ashburton**

Lesley Woudberg (Team Leader Zone Facilitator, Environment Canterbury), presented the report on behalf of the Ashburton Zone Committee and noted zone committee members had met with Ashburton District Councillors and landowners from the area north of Ashburton River to discuss the challenges of farming within limits, and subsequently will look at how the regional plan, farm environment plans and good management practice were performing and investigate what else was needed to assist.

Members were advised the zone committee had established a 'Managed Aquifer Recharge Governance Group' to look at a proposal for a managed aquifer recharge scheme for the Hinds Catchment. Staff will keep the committee updated on progress with this project and noted it was a one year trial that included raising

groundwater levels and reducing nitrates. In terms of a preferred recharge technique it was noted it may include changing to smaller shingle pit sites, to refine management manipulation.

#### **6.5 Lower and Upper Waitaki**

Sandra Hampstead-Tipene (Lower and Upper Waitaki ZC representative) presented the report and advised work was being done to prioritise action points from the Zone Implementation Programme (ZIP) addendums, and the committee is continuing to work with other parties towards improved facilities for visitors at water based recreation points (such as better carparks, toilets, rubbish and signage). Ms Hampstead-Tipene noted concern of a proposal to pipe water from Takatua into Orari-Temuka-Opihi-Pareora had not consulted with local Rūnanga, Environment Canterbury or the Zone Committee.

Members were advised that Zone Manager (Michael Hyde) was providing guidance to applicants on who to consult with.

#### **6.6 Hurunui-Waiiau**

Mayor Winton Dalley (North Canterbury representative) gave a verbal update on behalf of the Hurunui-Waiiau ZC and advised a major issue impacting the community was determining the timing and extent of a review of the Hurunui Waiiau Plan. He said the timing of a substantial review could be problematic and costly for the community.

#### **6.7 Selwyn-Waihora**

Karaitiana Taiuru (Selwyn-Waihora representative) gave a verbal update and advised an investigation by Environment Canterbury about the dumping of road debris into the river at Arthurs Pass had concluded the debris were a temporary placement that would not impact the river.

Mr Taiuru informed members of several matters as follows: the ZC had coordinated a series of public meetings at Lincoln University on the topic of water quality; media criticism about allegations of using 'wrong science' had been resolved; farmers in the area had given positive feedback about the mahinga kai facilitator that had been working with them to identify cultural values in land management areas to include in farm management plans.

Members were advised of a full day braided rivers workshop being held at Lincoln University on 29 June.

A member commended the committee for its initiative to hold water quality forum at Lincoln University.

#### **6.8 Christchurch West Melton**

Lance Kenyon (Christchurch West Melton ZC representative) gave a verbal update and noted community representatives who attended a Heathcote River meeting raised concerns that plantings were not native species, and upgrades were not working in the environment and needed a consolidated approach. He informed members of several matters as follows: initiatives were progressing in the red zone such as using the lake for rowing. A communications plan was being

developed to promote water conservation, and work was ongoing in the Port Hills recovery programme.

**The general consensus of the Canterbury Water Management Strategy Regional Committee:**

**Receives the Zone Committee Update reports.**

## 7 CWMS Draft Target Update

Dann Olykan (Principal Strategy Advisor Water, Environment Canterbury) presented the report that outlined 34 target areas for 2020. He advised that 10 of the 34 targets had been identified as high risk. A table appended to the report described each target and update comments. Mr Olykan sought feedback from members on the update commentary, and recommended a group be established to finalise a targets report to present to the Mayoral Forum.

Members deliberated the high risk targets and noted the following: was there any monitoring taking place to address the gaps from now until 2020?; health costs are not built in, and suggested a human environment target be added to address the impacts of not doing anything; likewise consider the impact of not doing anything in terms of kaitiakitanga and native fish; there was an inconsistent approach around analysis, need to gather real data and model it; question around the methodology – reducing volume may not lead to efficiency. It was suggested an enquiry be made with the authors of the state of the environment report to come up with an approach for measuring the cost of “doing nothing”.

### **Attendance**

John Talbot attended the meeting at 2.46 pm.

The meeting broke into groups to workshop specific high risk target areas, and the following feedback was received:

- Target 136 - engage the assistance of a Health Economist (e.g. Ian Sherran)
- Target 108 – instead of measuring the benefit gained per unit of water, change it to measure water per unit
- Target 135 – consider employing a professional to report triple bottom line accounting. Intangibles such as community, business resilience, mental health etc. needed to be considered. Gains – the cost of loss of schemes.
- Target 108 - Can you measure the reduction of excess water used. Cost vs benefit – undertake a true cost/benefit analysis, not just a cost utility analysis.
- Targets 72, 68 and 73 (Kaitiakitanga) – the targets are the wrong way around. Rangatiratanga drives kaitiakitanga. The Kaitiakitanga targets should be mana whenua driven and assisted by TRONT. Need the right parameters and attributes (such as eco systems, biodiversity) to achieve good stewardship. Only iwi can determine what these parameters are. Taxonomy – whakapapa, how link together is important. Revisit the 3 targets and decide on cultural indicators that include aspirations to determine the outcome for each target.
- Target 19 – suggest another survey be undertaken. Individual organisations data cannot be relied on. Need to facilitate collaboration between the Department of Conservation, Environment Canterbury, NIWA and Fish & Game.

Members were advised the CWMS strategy includes an obligation to produce a targets report and to provide an update on targets progress.

**The general consensus of the Canterbury Water Management Strategy Regional Committee:**

1. **Notes the discussion on the 10 challenging targets for 2020 as outlined in the appended table.**
2. **Establishes a “Task and Finish” group comprising Ross Millichamp (Community Representative), Vicky Southworth (Community Representative), Thomas Kulpe (Banks Peninsula Representative), Hugh Canard (Community Representative), Jane Demeter (Community Representative) and Carolyne Latham (Waimakariri ZC representative) to provide feedback on the final draft of the targets report.**

**Adjournment**

The meeting adjourned at 3.10 pm for afternoon tea and reconvened at 3.19 pm.

**9 Recreation and Amenity Draft Swimming Report**

Ken Hughey made a presentation to the committee via skype that discussed the “*Recreation and Amenity Draft Swimming Report*”.

Members sought and received clarification on a number of matters outlined in the presentation and the following feedback was noted: it would be good to return to option 2c; test sites were not analysed – is it possible to go back to the expert panel to review particular sites; people may not be swimming at popular sites because of the large volume of people using them; the draft report excluded estuaries on Banks Peninsula; the general consensus of the Committee agreed Environment Canterbury encourages local authorities and the Canterbury Health Board to support facilities, signage and e-data at swimming sites; undertake a survey to understand user rates and demand for freshwater swimming; be careful about associated liability risks if promoting swimming; concern about the cost to monitor and the cost to not monitor.

**10 Drinking Water Update**

*(Refer pages 44-46 of the agenda)*

Anita Fulton (Senior Strategy Advisor – Water & Land, Environment Canterbury) presented the report that updated members about the Havelock North Drinking Water Inquiry noting the timeline to lodge submissions was very tight. Members discussed the importance of protecting water at the source.

**The general consensus of the Canterbury Water Management Strategy Regional Committee:**

**Receives the Drinking Water Update Report.**

## 8 **Working Group Updates** (Refer pages 30-42 of the agenda)

### 8.1 **Education and Communication Working Group Update**

Gerard Raymond (Lead Advisor CWMS & Zone Delivery) presented the report that updated members about the next phase of the “Farming at Good Management Practice” campaign that would focus more on the urban community, and will include seminars in the Selwyn area. Maps showing the number and location of Enviroschools in the Canterbury area were provided. It was noted a cultural mapping initiative, to use Māori names, was underway. A member noted the importance of social media as an effective communication tool.

## 11 **General business**

### **Biogas facilities on farms**

Vicky Southworth made a verbal presentation that discussed biogas facilities on farms. She explained the process of collecting methane to generate electricity, and advised NIWA had developed a system for the NZ environment that was viable at farms who operate 600+ cattle and effluent pond systems. She suggested information about biogas facilities on farms is communicated to farmers noting there are two systems operating in Canterbury, and ten in New Zealand. At facilities tested, electricity savings of \$20k per year had been reported. The system promotes greenhouse gas emissions reduction and reduces corrosion and odour issues. It was considered the biogas concept be presented through the Zone Committees.

A member noted there was opportunity to pull together a toolkit of smart technology ideas and apply for MBIE funding.

Members commented that farmers are aware of the biogas technology and signalled it was up to industry leaders to promote it.

## 8 **Working Group Updates /continued** (Refer pages 30-42 of the agenda)

### 8.2 **Infrastructure**

Ross Millichamp (Community Representative) presented the report and advised the Infrastructure Working Group had discussed the use of fish screens and the potential role for the working group to be involved in developing better solutions with stakeholders. Mr Millichamp advised a meeting will be scheduled to discuss concerns about the Rakaia flow regime.

### 8.3 **Biodiversity**

Jane Demeter gave a brief verbal update noting the Biodiversity Working Group had an interesting combined meeting with the Infrastructure Working Group that discussed proposed fish screen design and implementation.



## 11 General Business /continued

### 11.1 Facilitators Update

Lesley Woudberg noted the recent governance announcement to provide \$100 million to fund infrastructure projects to address the impact of tourism. It was noted territorial authorities were already working directly with central government to make applications for funding.

Members were advised the roadworks at Arthurs Pass were regularly monitored and currently there were no environmental concerns. Ms Woudberg informed the committee about upcoming events and in particular noted representatives from the CWMS Regional Committee will present the targets report to the August mayoral forum meeting.

### Attendance

Riki Lewis (Nga Rūnanga Representative) left the meeting at 5.02 pm

**The meeting closed at 5.05 pm.**

**Confirmed**

**Date**

8/8/17

**Chairperson**

A handwritten signature in black ink, written over a horizontal line. The signature is stylized and appears to be 'L. Woudberg'.