

# **CHRISTCHURCH WEST MELTON WATER MANAGEMENT ZONE COMMITTEE AGENDA**

**THURSDAY 24 NOVEMBER 2011**

**AT 6PM**

**LINWOOD SERVICE CENTRE  
180 SMITH STREET**

**(Please use the entrance to the Boardroom off back car park)**

**Committee:** Commissioner Rex Williams, Environment Canterbury (Interim Chairperson)  
Councillor Sally Buck, Christchurch City Council  
Deidre Francis, Community Representative  
Ian Fox, Community Representative  
Jon Harding, Community Representative  
Councillor Debra Hasson, Selwyn District Council  
Craig Pauling, Rununga Te Taumutu  
Arapata Reuben, Te Runanga o Ngai Tuahuriri  
Herena Stone, Te Hapu o Ngati Wheke/Rapaki  
Hugh Thorpe, Community Representative  
Robert Wynn-Williams, Community Representative  
Ann Winstanley, Community Representative

**Principal Adviser**  
Peter Kingsbury  
Tel: 027 599 4615  
**Christchurch City Council**

**Zone Facilitator**  
Matthew Ross  
**Environment Canterbury**

**Committee Adviser**  
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**Christchurch City Council**

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**1. APOLOGIES**

**2. CONFIRMATION OF MINUTES – 2 NOVEMBER 2011**

The minutes of the Committee meeting held on 2 November 2011 are **attached**.

The Committee is asked to approve these minutes as a true and accurate record of the meeting.

**3. DEPUTATIONS BY APPOINTMENT**

Nil.

**4. IDENTIFICATION OF URGENT ITEMS**

**5. IDENTIFICATION OF ANY GENERAL PUBLIC CONTRIBUTIONS**

**CHRISTCHURCH WEST MELTON WATER MANAGEMENT ZONE COMMITTEE  
2 November 2011**

**A meeting of the Christchurch West Melton Water Management Zone Committee was held in  
Heathcote Room, Cashmere Club, 88 Hunters Terrace  
on Wednesday 2 November 2011 at 2.50pm**

**PRESENT:** Councillor Sally Buck, Christchurch City Council  
Ian Fox, Community Representative  
Jon Harding, Community Representative  
Councillor Debra Hasson, Selwyn District Council  
Craig Pauling, Rununga Te Taumutu  
Herena Stone, Te Hapu o Ngati Wheke/Rapaki  
Hugh Thorpe, Community Representative  
Robert Wynn-Williams, Community Representative  
Commissioner Rex Williams, Environment Canterbury  
Ann Winstanley, Community Representative

**APOLOGIES:** An apology for absence was received and accepted from Arapata Reuben and  
Deidre Francis .

An apology for lateness was received and accepted for Craig Pauling, who arrived at  
4.47pm and was absent for clause 1-8.

**1. CONFIRMATION OF APPOINTMENT OF INTERIM CHAIRPERSON**

The Committee were asked to consider the appointment of an interim Chairperson, until such time  
when the Committee appoint a permanent Chairperson.

The Committee **decided** to appoint Rex Williams, Environment Canterbury Commissioner, as the  
interim Chairperson.

**2. DEPUTATIONS BY APPOINTMENT**

Nil.

**4. IDENTIFICATION OF URGENT ITEMS**

Nil.

**5. IDENTIFICATION OF ANY GENERAL PUBLIC CONTRIBUTIONS**

Nil.

**6. WORKING TOGETHER: DEVELOPING WAYS OF WORKING**

The Committee considered their initial ideas on ways of working together and discussed key areas of  
focus relating to planning, partnership, learning and integration.

## 6 Cont'd

The Committee considered the key values to be relating to:

- Developing collaborative approaches;
- Flexibility;
- Openness and respect;
- Accepting differences;
- Being prepared.

## 7. WORKING TOGETHER: SHARING INITIAL IDEAS

The Committee were asked to consider what they believed were the priority areas that needed to be focused on when considering water management in the Christchurch West Melton Zone. Matthew Ross explained the purpose of the exercise was to listen to each other and to start to share our ideas on priorities for the Zone, not to problem solve and jump to solutions at the first meeting.

The Committee identified 5 priority areas:

- Economic growth / Recreational Use / Health;
- Flooding (both urban and the Waimakariri River);
- Quality and quantity of drinking water;
- Surface water/ fresh water bio diversity;
- Water quantity, abstraction and land use.

The Committee agreed that cultural values was an important overarching value that impacts upon all aspects of water management, and that this needed to be taken into consideration for all issues.

The Committee identified the need for a strategy for how the Committee engages with the community and stakeholders effectively to ensure it receives feedback and other perspectives on local issues. It was suggested that this should be an ongoing issue to consider alongside these values.

## 8. UPDATE ON WORK PLAN

Matthew Ross, Zone Facilitator, presented the Committee's draft work plan for the year.

The Committee discussed the potential implementation any outcomes recommended by the Committee, and were advised that as a Joint Committee, the Committee could make recommendations to any relevant organisation, not limited to the Councils involved, however it was at the discretion of the Councils to adopt the recommendations.

The Committee commented on the Zone Implementations Plans (ZIPS) for neighbouring areas which could have relevance to the issues for the Christchurch West Melton Zone. Staff suggested that the Committee have an opportunity to formulate their thoughts on what the relevant issues were for this zone and form a common position on key matters, prior to having the discussions with the neighbouring Zone Committees on the cross over areas. The Committee highlighted key crossovers with the Waimakariri Zone Committee and were keen to engage in dialogue with this Zone Committee in particular.

Committee Members **requested** that the order of the work plan be considered, and potentially altered, to allow for discussion on where the key areas of interest were, prior to the second field trip.

The Committee discussed potential conflicts of interest, acknowledging that the Committee Members are not required to declare conflicts of interest due to the nature and role of the Committee. The Committee suggested that it would be prudent to advise of any interest to be recorded for information purposes only, and that this be included as an item on future agendas. Hugh Thorpe advised the Committee of his role as Hearings Commissioner as a interest.

**ATTACHMENT TO CLAUSE 2 Cont'd**

**9. WORKING TOGETHER: MEETING LOGISTICS**

The Committee discussed suitable meeting times and dates for the next few months.

The Committee **decided** to hold meetings at 5.30pm for a 6pm start on the fourth Thursday of the Month, at Christchurch City Council Civic Offices on Hereford Street, with every fourth meeting being held offsite in an alternative venue.

The Committee **agreed** that next meeting of the Committee will be held on Thursday 24 November at 6pm in Civic Offices on Hereford Street.

**10. STATE OF WATER RESOURCE**

The Committee received a presentation from Tim Davie regarding the state of the Water Resource (refer **attached**). Key areas of consideration were an overview of the types of Monitoring undertaken and information on the water quality and ecosystem health including current conditions and trends.

Key issues discussed included:

- Natural Resources Regional Plan (NRRP) standards for water quality – the Committee asked to be provided with a list of the NRRP for the rivers discussed in the presentation.
- The Committee questioned the reasons for above average levels of surface water nitrogen in the rivers within the zone. The Committee were advised that this is likely to be as a result of the ground water source and industrial land use.
- The Committee were advised that the high levels of phosphorus in the Heathcote area is likely to be caused by the location of the river in the run off from the port hills, which was volcanic and naturally rich in phosphorus. Other likely causes were industrial land use and sediment control.

The Committee **decided** to defer the second section of the presentation relating to biodiversity until the Committee's next meeting due to time constraints.

**11. REGIONAL COMMITTEE UPDATE**

The Committee received an update on the work of the Regional Committee.

The Committee **requested** to be provided with copies of the Zone Implementation Plans for Waimakariri and Selwyn-Waihora.

The Committee noted the link between the water quality of the Waimakariri River and the impact on the water being fed into the Christchurch West Melton Zone, and agreed that a future discussion with the Waimakariri Zone would be of value to discuss this and other cross over issues.

The meeting concluded at 5.54pm

**CONFIRMED THIS 24TH DAY OF NOVEMBER 2011**

**REX WILLIAMS  
INTERIM CHAIRPERSON**

**6. UPDATE ON WORK PROGRAMME**

The Committee will receive an update, and discuss their upcoming work programme

**7. REGIONAL COMMITTEE UPDATE**

The Committee will receive a verbal update on the relevant work of the Regional Committee.

**8. UPPER WAIMAKARIRI FIELD TRIP**

**9. LOCAL RUNANGA AND WATER MANAGEMENT**

The Committee will receive presentations from the Rūnanga representatives on the Committee.

**10. STATE OF THE WATER RESOURCE – OVERVIEW CONTINUED**

The Committee will receive a presentation from Tim Davie, Environment Canterbury, regarding the State of the Water Resource (refer **Attachment 1**).

(Note: This item was deferred in part from the Committees last meeting on 2 November 2011, the slides for this meeting have been previously circulated.)

## **Christchurch West Melton zone committee Talk on State of the Water Resource**

***Tim Davie, Michele Stevenson, Lesley Bolton-Ritchie, Mary Beech. Investigations & monitoring group; Environment Canterbury***

Oct-Nov 2011

The talk is aimed to give an overview of what type of monitoring is done in the Christchurch-West Melton zone and broadly what the data tell us about water quality and quantity (both surface and groundwater). This is background information to help the zone committee in understanding their zone and is not intended to bring the committee to a decision point.

There are two stream/river types in the zone (Urban lowland streams and Banks Peninsula volcanic streams). These stream types have different hydrological characteristics and different underlying water quality.

The environment monitoring done in the zone is:

- Surface water quality (marine & freshwater) (CCC and ECan)
- Groundwater quality (ECan)
- Ecosystem health (in stream invertebrate community health) (ECan)
- Bathing water sites microbiology in summer (marine & freshwater) (ECan)

Surface water quality in the zone is variable. Phosphorus in the Heathcote is high which partly reflects natural sources from volcanic rocks but also industry in upper reaches (Wigram area). E. Coli levels are high in many Christchurch streams.

Groundwater quality is generally OK in terms of drinking water standards and there is no particular trend in the groundwater quality. This reflects the major source of groundwater recharge being the Waimakariri River which has excellent water quality in the recharge zone.

Ecosystem health in Christchurch water is generally poor. This reflects some areas of poor water quality and poor habitat in stream and the riparian margins.

Bathing water quality (based on 5 years of measurement) at Christchurch beaches is good to very good however it is very poor at a number of freshwater sites in the lower Waimakariri area. These sites have signage up highlighting the poor water quality.

In the Avon-Heathcote Ihutai estuary the water quality (prior to the Christchurch earthquakes) had shown a marked improvement following the commissioning of the deep water sewage outfall. The earthquakes have had a marked effect on the ecology of the estuary, mostly through extra silt being added.

**11. WHERE DOES THE ZONE COMMITTEE FIT IN? EXISTING STRATEGIES AND PLANS**

The Committee will receive an update from Environment Canterbury, Christchurch City Council and Selwyn District Council staff on relevant strategy and plans.