

**BANKS PENINSULA WATER MANAGEMENT ZONE COMMITTEE**

**22 March 2016**

**A meeting of the Banks Peninsula Water Management Zone Committee was held at the Little River Community Centre, Western Valley Road Little River, on Tuesday 22 March 2016 at 4.00pm.**

**PRESENT:** Steve Lowndes, Chair  
Elizabeth Cunningham, Environment Canterbury  
Claire Findlay, Community Representative  
Thomas Kulpe, Community Representative  
Riki Lewis, Te Runanga o Koukourarata  
Kevin Simcock, Community Member  
June Swindells, Te Hapu o Ngai Wheke/Rapaki  
Pere Tainui, Te Runanga o Onuku  
Andrew Turner, Christchurch City Council  
Iaeen Cranwell, Te Runanga o Wairewa  
Paula Smith, Community Representative

<b>Principal Adviser</b>	<b>Zone Facilitator</b>	<b>Committee Adviser</b>
Peter Kingsbury Christchurch City Council	Lesley Woudberg Environment Canterbury	Warren Brixton Christchurch City Council

**KARAKIA**

Peter Ramsden opened the meeting with a Karakia.

**WELCOME AND INTRODUCTIONS**

Ian Lloyd recently appointed as a Community Representative to the Committee was welcomed to the meeting by the Chair. In response Ian provided members with brief details of his work background and Diamond Harbour residential location.

**1. APOLOGIES**

The apologies of Pam Richardson, and for lateness, Claire Findlay and Riki Lewis, were accepted.

**2. CONFIRMATION OF MINUTES – 16 February 2016**

It was **decided** that the minutes of 16 February 2016 be approved as a true and accurate record subject to the following amendments:

**7. Whakaraupo Catchment Plan Stocktake**

– Typing errors in first paragraph

- The inclusion of

Kevin Simcock noted that the Environment Canterbury is undertaking the stocktake whilst the governance structure is not yet agreed. Kevin understood the ZC had agreed to establish a subcommittee and that the committee should be more proactive in the establishment of the governance structure. The ZC was not part of these current discussions that are between the rūnanga and sponsoring agencies.

### 3. MATTERS ARISING

Nil

### 4. PRESENTATION

#### 4.1 Waste Water Eco System

Mac Birch provided the history of a waste water system proposal utilising vegetation as the means of waste disposal. The project had first been mooted in 1997 and various reports had been produced, but nothing had eventuated. He concluded with reasons as to why the Little River Waste Water proposal and Bio centre is still valid today and believed the time right to make further progress on these ideas.

### 5. UPDATES

#### 5.1. Wairewa Rating District

Geoff Marks, Chairman of the Rating District Committee was present to the work being done on the Okana River. The majority of funds budgeted for this year had been expended and he was pleased with the progress that had been made.

It had been suggested that an amount of \$7,000 be set aside for purposed research, but it now may be better to spend this on further river clearance works, while the heavy equipment was available.

Bank stabilisation and protection planting could follow as part of the project.

Ken Sitas from Birdling's Flat suggested that there was Reserve Accounts held by the City Council of \$200,000 which could be utilised. It was later clarified that these funds had long ago been earmarked for work associated with the lake opening.

Tim Davie pointed out the difference between a Drainage Scheme and a Flood Relief Scheme.

#### 5.2 State of Te Roto o Wairewa/Lake Forsyth

At this point the Chairman passed around a sample of the current water in the lake which was thick and green.

Reference was made to the two algae blooms in the lake this season and that there had been no macrophytes blooming which it had the last two seasons. The levels of the lake may be a factor, but water temperature appears to be similar to the last 5 years. New sensors are to be installed, which will enable continuous data to be obtained (ref h/out on the state of the Lake).

No one factor or solution is likely to solve the problem of algae blooms – it will be a matter of balancing fish recruitment vs higher lake levels in spring, flood mitigation with sediment discharges, local contractors vs the efficiency of using contractors with the right gear.

Current willow clearing as part of flood mitigation work in the Okana catchment may lead to an increase in sediment to the lake if there is a bout of wet weather like that experienced in 2014. It is a matter of balance between flood mitigation and the risk of sediment/phosphorous released. Further work on sediment control will hopefully reduce this risk.

Discussion turned to the suggestion made of a Pilot Stream Bank Stabilisation project, which could help raise public awareness. The ZC discussed whether Immediate Steps project funding of approximately \$60,000 could be used for a pilot project. Some priority areas would be identified, to which approval from the committee would then be sought.

It was agreed that:

1. The Zone Committee encourages Environment Canterbury to put together a Stream Bank Stabilisation Pilot project; and
2. In principle up to \$60,000 of Immediate Steps funding could be used for such a project; and
3. A full project proposal would need to be approved by the Zone Committee.

## **6. Review of progress on ZIP recommendations**

In speaking to his report Peter Kingsbury suggested the Committee look at how the ZIP recommendations are trending. At each meeting one Chapter could be examined in this way.

Kevin Simcock suggested an Action Plan with accompanying budgets was needed.

Comments made were:

- 6.1 Wairewa Runanga recognition
- 6.2 Nutrient, flow and allocation regime
- 6.3 Lake permanent opening
- 6.4 Existing mechanical opening regime
- 6.5 Sediment Budget
- 6.6 Monitoring Programme
- 6.7 Lake & Stream Flooding Minimisation – *update slightly*
- 6.8 Covenanting & Fencing – *prioritised in Okana river*
- 6.9 Prioritising Swan & Goose management - *Ecan doing strategy soon*
- 6.10 BPWSZC & SWWSZC meetings – *last met December 2013, arrange another joint meeting*
- 6.11 Annual Updates – *Update provided, now need to communicate by Newsletter*
- 6.12 Changing Sea Level Modelling – *Update as there has been further report*
- 6.13 Cyano Bacteria Reduction – *Ongoing issue*

Peter Kingsbury undertook to update the Table and circulate before the next meeting. The next month's subject would be "Water Quality".

## **7. PRONUNCIATION PRACTICE**

Held over to the next meeting

6.15 pm – 6.40 pm Dinner Break

## **8. FIVE YEAR OUTCOMES**

A further report from Lesley Woudberg and Paul Hulse was tabled which set out the "High Level" outcomes for Stage 1.

The next part of the work is to set milestones and how measurable these will be.

Was it better to "workshop" these or use "portfolios"

Members commented as to matters that should be addressed of:

- Philosophy
- Water Quality Recourses
- Climate Change
- Identify milestones and relate these back to the Plan
- Water quality and quantity
- Focus on “freshwater” diversity rather than “biodiversity” as a whole

At this stage a workshop for the first hour of the next meeting was suggested

**9. Purau Water Supply -Consenting Process** – In addition to his comments at the previous meeting Thomas Kulpe provided a power point presentation on the Purau Catchment, covering:

- Resources Consent issued by Ecan
- Summer 2015 – very low stream flow
- Why there is no environmental flow calculation regime
- Climate change impact
- No volume for permitted takes
- Access to water basic human right
- Errors in RC application carried over to consent issued

It was acknowledged that “minimum flows” should have been set and this was an error, but it was difficult to go back on the consent process. Need to take this as an example of;

- Water scarcity on the Peninsula
- Impact of climate change
- Increased demands from peoples, their uses and needs of ecosystems
- What can be done (plans/regulation/practice, infrastructure (ie. storage, efficiency), markets/prices, awareness, changes in behaviour etc)?
- What is the role of the ZC, how can the ZC add value?

Ian Lloyd offered to approach the consent holder and talk to him on the matter.

It was also suggested that a list of consents coming up in Bank’s Peninsula be supplied to the Committee periodically.

The meeting concluded at 8.00pm, the balance of the Agenda being held over

**CONFIRMED THIS 19th DAY OF APRIL 2016**

**STEVE LOWNDES**

**CHAIRPERSON**