

**ORARI-TEMUKA-OPIHI-PAREORA WATER ZONE
MANAGEMENT COMMITTEE**

on

Monday 1 August 2016

3pm

**Council Chamber
Timaru District Council
Timaru**

ORARI-OPIHI-PAREORA WATER ZONE MANAGEMENT COMMITTEE

Notice is hereby given that an Orari-Temuka-Opihi-Pareora Water Zone Management Committee meeting will be held on Monday 1 August 2016 at 3pm in meeting room 1, Timaru District Council, 2 King George Place, Timaru.

Committee Members:

John Talbot (Chairman), David Caygill, Kylee Galbraith, John Henry, Mandy Home, Ivon Hurst, Richard Lyon, Hamish McFarlane, James Pearse, Ad Sintenie, Mark Webb and Evan Williams

ORARI-TEMUKA-OPIHI-PAREORA WATER ZONE MANAGEMENT COMMITTEE

1 AUGUST 2016

Page	
1	Apologies
2	Register of Interest
3	1 Confirmation of Minutes
4	Facilitators Update
5	Community Forum
6	Regional Committee Update
7	6 Swimming Values in Canterbury and Recreation and Amenity Flagships
8	8 Technical Advisory Group for Healthy Catchment Project
9	Stormwater Management in the Timaru District
10	Washdyke Taskforce
11	9 Catchment Groups – Update
12	Zone Delivery Update
13	Close

**ORARI-TEMUKA-OPIHI-PAREORA WATER ZONE MANAGEMENT COMMITTEE
FOR THE MEETING OF 1 AUGUST 2016**

Report for Agenda Item No 3

**Prepared by Joanne Brownie
Secretary**

Confirmation of Minutes – Committee Meeting 4 July 2016

Minutes of the July Committee meeting.

Recommendation

That the minutes of the Committee meeting held on 4 July 2016, be confirmed as a true and correct record.

ORARI-TEMUKA-OPIHI-PAREORA ZONE WATER MANAGEMENT COMMITTEE

MINUTES OF AN ORARI-TEMUKA-OPIHI-PAREORA ZONE WATER MANAGEMENT COMMITTEE MEETING HELD IN THE COUNCIL CHAMBERS, MACKENZIE DISTRICT COUNCIL, FAIRLIE ON MONDAY 4 JULY 2016 AT 1PM

PRESENT John Talbot (Chairperson), David Caygill, John Henry, Ivon Hurst, Richard Lyon, Hamish McFarlane, James Pearse, Ad Sintenie, Evan Williams, Mark Webb and Kylee Galbraith.

APOLOGY Mandy Home

IN ATTENDANCE Olivia Smith (OTOP facilitator), Nic Newman (ECan facilitator), Raymond Ford (Principal Planner), Michael Hide (Zone Implementation Team Manager), Brett Painter (ECan) Robert Iles-Carson (ECan), Shirley Hayward (Senior Water Quality Scientist), Peter Ramsden (ECan) (part meeting) John Benn (Department of Conservation), 7 members of the public.

1 REGISTER OF INTERESTS:

David Caygill alerted the Committee to his appointment as chairman of the technical advisory group on water and nutrient and allocation.

2 CONFIRMATION OF MINUTES:

Proposed Mark Webb
Seconded David Caygill

“That the minutes of the Committee meeting held on 13 June 2016 be confirmed as a true and correct record, with the following corrections”.

MOTION CARRIED

Following corrections to be made to the minutes:

Register of Interest should read:

David Caygill alerted the Committee to his appointment as chairman of the technical advisory group on water and nutrient and allocation.

Page two, catchment groups discussion should read:

The role of the catchment groups is in the process of being refreshed.

3 COMMUNITY FORUM:

At the invitation of the Chairperson Jan Finlayson asked the Committee for clarification regarding understanding the groundwater stygofauna and the effect the “Hinds Project” may have on these species.

The Chairperson suggested Dr Graham Fenwick, Christchurch Assistant Regional Manager, NIWA be invited to attend a Zone Committee meeting to inform the Committee of his research regarding groundwater stygofauna.

4 OTOP INFRASTRUCTURE INVESTIGATION UPDATE:

The purpose of Brett Painter's report was to update the Zone Committee on the current state of the OTOP Zone Water Resource Modelling project which is designed to deliver the OTOP ZIP water infrastructure objectives.

Mr Painter said when the memorandum is complete and satisfactory he will distribute the report to Committee members.

5 DAIRY NZ: EXTENSION WORK OTOP ZONE:

The Chairperson welcomed Angela Harvey (Catchment Coordinator, Dairy NZ) to the meeting. She supplied an overview of sustainable milk plans currently being implemented by Dairy NZ and the support being offered to Farmers to assist in plan completion.

Ms Harvey introduced Justin Kitto (Water Quality Specialist, Dairy NZ) to provide an overview of an environmental economic project currently being completed in the North Island to assess current farm change being undertaken as a part of sustainable milk plans. Justin and Angela provided an overview of two other Dairy NZ projects. The first focuses on the economic impacts of nitrogen limits whilst the other explores the use of different crops to minimise nitrate leaching.

6 IMMEDIATE STEPS BIODIVERSITY PROJECT:

Robert Carson-Iles asked the Committee to consider a new Immediate Steps (IMS) project of weed control in the Orari Gorge. Attached to the report for the Committee's consideration was background information of the project and a recommendation for funding. The proposal involves carrying out weed control in the LINZ owned bed of the Orari River from Pickaxe Stream down the Orari River to the mouth of the Gorge, a distance of 8 kilometres.

Hermann Frank, Ecologist and local Lizard expert spoke briefly on the Orari Gorge's high biodiversity and recreational value. He added that 4 of the 5 species of Lizard's found in South Canterbury live in the Gorge and said this project is very important to their survival.

Mr Carson-Iles reported the spraying technique used will be targeted and any areas of question will be sprayed manually by volunteers. He added that the main weed areas are not highly populated by Lizards.

Proposed Kylee Galbraith
Seconded Mark Webb

"That Orari Temuka Opihi Pareora Water Zone Management Committee support the Immediate Steps Biodiversity proposed project Orari Gorge Weed Control."

MOTION CARRIED

The Committee convened for afternoon tea at 3pm reconvened at 3:15pm

7 CATCHMENT GROUP UPDATES:

The Chairperson informed the Committee that the catchment working group reestablishment had not yet taken place. He asked for those of the Committee who had expressed an interest in participating in the catchment working group, to please stay behind at the conclusion of today's meeting for a brief discussion.

8 REGIONAL COMMITTEE UPDATE:

The minutes of the CWMS Regional Water Management Committee meeting held on the 14 June 2016 were noted.

9 OTOP HEALTHY CATCHMENT PROJECT: Scenarios

Helen Shaw (Technical Team Leader, Ecan) recapped on the use of scenarios to be considered in the Technical Work for the OTOP Healthy Catchments Project.

The following bullet points were suggested:

Scenario 1 – Current Pathway

- No new changes to the existing planning framework in the Zone.
- This scenario forms a baseline against which the other scenarios were compared against.

Scenario 2 - In Zone Gains in water efficiency.

- Changes and suggestions to be considered.
- Interventions in the zone without incorporating new water, making best use of the water available.

Scenario 3a – new water small scale

Scenario 3b – new water large scale

John Benn asked for clarification regarding the inclusion of Tekapo in scenario 3b, if the option is legally unviable.

Mr Caygill said the initial conversation must take place followed by a decision during the next two years, this resulting in all options being investigated.

Mr Webb suggested the solutions package be supported subject to scenario 2 being updated with a stronger emphasis on environmental gains as discussed in this morning's workshop.

Proposed Hamish McFarlane
Seconded Evan Williams

“That Orari Temuka Opihi Pareora (OTOP) Water Zone Management Committee endorses the proposed scenarios to assist with development of the OTOP “solutions package”.

MOTION CARRIED

10 OTOP HEALTHY CATCHMENT PROJECT: Approach to Economic Assessments

Kel Sanderson from BERL reported progress on the Economic Assessment that BERL is currently undertaking on behalf of ECan for the OTOP Healthy Catchments Project. Mr Sanderson was assisted by a powerpoint presentation outlining the project objective, work in progress, 2015 Economic Snapshot, GDP composition by sector (2015), stocking change 2001-2015, stock numbers, irrigation: ground water and surface and water demand, irrigation demand vs. Milk solid production, other water uses: ground water and surface water.

The Committee expressed concern regarding data presented by Mr Sanderson and asked for clarification in the final report. Mr Sanderson replied he would

review all data received and added the final report the Committee receives would include narrative information with detailed data.

11 OTOP WORK PROGRAMME DEVELOPMENT:

The purpose of this report from the Zone Manager was to update the Committee on the OTOP work programme.

The Committee discussed how the work programme will adapt as a result of the healthy catchments project and how progress against the work programme will be reported back to the Committee.

Mr Pearse led discussion regarding a potential project investigating economic impact on a small scale incorporating Zone Farms, using a proactive approach delivering potential scenarios with current farming practices and the changes that would be required with plan change 5 implementation. He said this project would provide Farmers with the information they need regarding how they would be affected and can place helpful feedback.

The Chairperson agreed, he said there are two elements, the first would enable a better understanding of the planning framework for individual enterprises, the second would provide a very useful tool in assisting Farmers and getting them on board.

Ms Smith stated that the need for on farm analysis was recognised, particularly in the solutions phase of the project. In previous projects, farm consultants were contracted to assess the implications of differing nitrogen limits for farm productivity. Confirmation of exactly what was required and when, would need to be established.

12 GENERAL BUSINESS:

Mr Caygill informed the Committee Waihao Runanga had expressed an interest in joining the OTOP Zone Committee. Mr Caygill said ECan had undertaken to follow up the request and would update the Zone Committee when discussions had progressed.

The meeting concluded at 4:50pm.

Chairperson

ORARI-TEMUKA-OPIHI-PAREORA ZONE WATER MANAGEMENT COMMITTEE
FOR THE MEETING OF 1 AUGUST 2016

Report for Agenda Item No 7

Prepared by **Ellie McNae**
 Senior Strategy Advisor

Swimming Values in Canterbury and Recreation and Amenity Flagships

Purpose

To inform the Zone Committee of work underway to address recreation and amenity information gaps, and to request its support for an initiative to identify potential recreation and amenity flagship projects in its zone.

Background

Since the inception of the CWMS a range of work has been underway to deliver the recreation and amenity targets. This includes a number of recommendations in Zone Implementation Plans, publication of research reports into kayaking and jet-boating values, and the establishment of joint work programmes and projects with partner organisations. Despite this work, there is a general acknowledgement that insufficient progress has been made in delivering on the recreational and amenity targets. This includes the presence of significant information gaps, with a key one being around swimming in freshwater. To address this, the CWMS Regional Committee has commissioned a piece of research into swimming values in Canterbury.

The Regional Committee has also reconvened the Recreation and Amenity Working Group (RAWG), who has now begun work towards developing a set of 5 year outcomes and a work programme. This includes a proposal to work with the Zone Committees to identify and establish Recreation and Amenity Flagship projects.

Scope of the Swimming Research

Ken Hughey (Lincoln University) has been contracted to deliver a research report that assesses the full range of values associated with freshwater swimming in the Canterbury region. This will include assessment of the following factors:

1. Locations where people swim, and the relative popularity/value of these sites at both a local and regional scale
2. Values that are key to a 'good' swimming spot, e.g. presence of amenities, flow rates/water depths, water quality, presence of a pool, scenic values
3. Barriers to people swimming in freshwater, e.g., accessibility, perceived water quality, knowledge of sites
4. Appropriateness of current locations for recreational water quality monitoring
5. Value of current indicators used for recreational water quality monitoring
6. Value of the current methods for reporting recreational water quality.

The 'broad' approach to be used is to work with Environment Canterbury and other relevant organisations to establish an Expert Panel to guide and then moderate the

data collection and analysis process. Environment Canterbury's Youth Engagement Team (and others as appropriate) will engage with schools and youth groups, electronically and face-to-face as appropriate, to gather raw data. Staff also plan to work with the various CWMS Zone Committees and their Rūnanga representatives.

Data will be collected and compiled from June – August, with an expert panel workshop to examine the results scheduled for September. The draft report will be delivered in early October, in time to inform the selection of monitoring sites at the pre-season recreation meeting. The final report is due in November.

Identifying Recreation and Amenity Flagship projects

The CWMS Recreation and Amenity Targets state the requirement that there be a positive trend in the availability or quality of recreational opportunities in each zone by 2020. By 2040 the targets state that at least one major recreational opportunity in each zone be restored that did not exist in 2010. To drive work towards this goal, the Regional Committee recommended in 2014 the establishment of at least one multi-party flagship project for recreation and amenity. In the spirit of the CWMS, the flagship projects could look to achieve outcomes for multiple targets, not just recreation and amenity.

The Recreation and Amenity Working Group (RAWG) discussed this proposal at its May 2016 meeting and determined that, rather than the Regional Committee selecting flagship projects, each Zone Committee should nominate their own potential flagship projects.

They acknowledged that current information gaps around the location and nature of some recreation opportunities may limit the Zone Committees ability to identify potential flagship projects. To remedy this, Environment Canterbury staff will be convening an information-gathering workshop with a wide range of recreational interest groups in the coming months. We then propose coming to each of the Zone Committees with that additional information in spring 2016, and working with the Zone Facilitators to identify some potential flagship projects in each of the zones.

Recommendation

That the Zone Committee

- 1. Notes the scope of the swimming research and intention to further involve them in the project.**
- 2. Agrees to discuss and identify potential flagship recreation and amenity locations in spring 2016.**

ORARI-TEMUKA-OPIHI-PAREORA ZONE WATER MANAGEMENT COMMITTEE
FOR THE MEETING OF 1 AUGUST 2016

Report for Agenda Item No 8

Prepared by Dan Clark
Technical Lead

Technical Advisory Group for Healthy Catchment Project

Purpose

To discuss the establishment of a technical advisory group for the Healthy Catchments Project.

Background

In July, zone committee members questioned the process for reviewing technical information used in the Healthy Catchments Project.

The Committee was informed that all technical work will be peer reviewed by experts appointed by Environment Canterbury. Committee members then suggested a local technical advisory group be established to complement this work. This group would comprise local experts and would assist with increasing the credibility of technical work amongst the local community.

The role of technical advisory group is to provide technical oversight and feedback on the Project modelling. Given this, it is appropriate that it is a small group including members with the following skills and attributes:

- Technical background with modelling experience
- Local knowledge
- Professional, collaborative work style.

The group will meet on an as required basis, determined by the technical lead. The group will agree some terms of reference at the first meeting, including an agreed pathway for feedback to the zone committee.

Recommendation

The Committee supports the establishment a technical advisory group for the Healthy Catchments Project.

ORARI-TEMUKA-OPIHI-PAREORA ZONE WATER MANAGEMENT COMMITTEE
FOR THE MEETING OF 1 AUGUST 2016

Report for Agenda Item No 11

Prepared by **Olivia Smith**
 Zone Facilitator

Catchment Group Update - Work Programme

Background

On the 5th July the *zone committee working group* met with Janet Gregory (Landcare Trust) and Michael Hide (Zone Manager) to provide feedback on:

- the proposed work programme for catchment groups 2016/2017
- catchment group involvement in the Healthy Catchments Project.

Zone committee members will be provided with a verbal summary of key feedback/actions from the meeting, along with an update on the implementation of the work programme.

Attachment

Upcoming events in OTOP Zone- Landcare Trust

Recommendation

The Committee notes the key feedback from the *zone committee working group* meeting and receives an update on the implementation of the work programme.

Date	Activity	Who's helping
26 July, 7pm	Kakahu Steering Group Heritage Hotel, Geraldine	Marty
27 July, late arvo	Te Ngawai Steering group meeting	Rhys, Janet
27 July	FEP workshop at Albury Hall with Beef + Lamb. Phone invite. 10am-3pm? Max 15	Rhys, Turi
28 July	Upper Opihi steering group Caleb TBC	Caleb, Janet to attend
1 Aug	OTOP Zone Committee Meeting	
2 Aug,	Combined Catchment Group meeting- Opportunities with new water in Geraldine at Waihi lodge, Senior Care on Shaw Street.	Brett Painter, ECan Janet, all interested
3 Aug, day	Ohapi working group	Rhys, Janet
4 Aug, 7pm	Pareora Catchment Group Meeting, Southburn Hall	Angela Darke, Janet
8 Aug, 7pm	Waihi Catchment Group meeting with Hamish Graham (ECan) Lee Burbury (ESR), at Waihi Senior Care rooms, Geraldine	Rhys, Janet
9 Aug, 9am-3pm	Rural Voice Seminar, Timaru	All interested facilitators
Aug TBC	Combined Upper Orari/Opuha Catchment Group meeting	Janet, Caleb, Julia, Chanelle
11 Aug, 4pm	Rangitata/Orari Catchment Group meeting. In Geraldine	Rhys, Janet
5 September	OTOP Zone Committee Meeting	
6 Sept, 9.30am	Facilitator Meeting at ECan	Janet
13 th , 14 th , 15 th , 21 st , Sept	Healthy Catchment Public Meetings? TBC	
3 October	OTOP Zone Committee Meeting	
14 October TBC	SMART irrigation workshop. Run by Irrigation NZ at Pleasant Point.	Irrigation NZ, ECan, Janet
7 November	OTOP Zone Committee Meeting	
Nov TBC	Combined Upper Orari/Opuha field day	
5 December	OTOP Zone Committee Meeting	

12 Aug – 29 Sept, Angela Darke away in South America