

**MINUTES OF THE 57th MEETING OF THE SELWYN-WAIHORA ZONE COMMITTEE HELD
IN THE LARGE EXECUTIVE MEETING ROOM, ROLLESTON OFFICES,
2 NORMAN KIRK DRIVE, ROLLESTON, ON
TUESDAY 2 FEBRUARY 2016 COMMENCING AT 1 PM**

PRESENT

Allen Lim (Chair), Charles Crofts, John Sunckell, George Tikao (Te Rūnanga o Onuku), Ron Pellow, Hayley Moynihan, Maree Goldring, Bill Lambie, Riki Nicholas (Te Rūnanga o Wairewa), Victor Mthamo and Commissioner Tom Lambie (Canterbury Regional Council Representative)

IN ATTENDANCE (for part or all of meeting)

Ian Whitehouse (Zone Facilitator ECan), Katherine Glasgow (ECan), Jodi Rees (ECan), Tami Woods (ECan), Mayor Coe (Selwyn District Council), David Murphy (Whakaroa Te Waihora), Chris Stewart (DOC), Kelly Governor (Te Runanga o Ngai Tahu), Craig Pauling (Boffa Miskell), Aaron Leith (Te Runanga o Ngai Tahu), Jenny Ladley (University of Canterbury), Ed Weber (Oregon State University), Michaela Rees (SW Zone Manager ECan), Maki Norman (Ecan), Stephen Bragg (ECan), Gerald Raymond (ECan), Tania Butterfield (ECan), Murray Doak (MPI) and Ms K Anderson (PA to Property and Commercial Manager)

Mr Crofts opened the meeting with a Karakia.

APOLOGIES

Apologies were received from Councillor Tim Scandrett, Te Whe Phillips, Councillor Pat McEvedy and Clare Williams were accepted by the meeting. Apologies were received from Bill Lambie and Riki Nicholas for leaving early.

Moved: Mr Lambie/**Seconded:** Mrs Moynihan

‘That the Committee accept apologies for absence from Councillor Tim Scandrett, Te Whe Phillips, Councillor Pat McEvedy and Clare Williams. Apologies were received from Bill Lambie and Riki Nicholas for leaving early.’

CARRIED

IDENTIFICATION OF URGENT GENERAL BUSINESS

Mr Whitehouse advised the meeting that the management plan for Muriwai/Coppers Lagoon would be presented at today’s meeting

CONFIRMATION OF MINUTES

1. **Minutes of the 56th Meeting of the Selwyn Waihora Zone Committee (Water Management) held on Tuesday 3 November 2015.**

Amendments:

- Page 6 Replace 'no clear trend' with 'has been a risk.'
Page 8 Add statistics around cow numbers in Canterbury compared to New Zealand

Moved: Mr Sunckell/**Seconded:** Mr Crofts

'That the minutes of the 56th meeting of the Selwyn Waihora Zone Committee (Water Management) held on Tuesday 3 November 2015 be confirmed as amended.'

CARRIED

MATTERS ARISING FROM MINUTES

Mr Crofts sought clarification around the statement 'effluent was only applied when conditions were favourable.' Mr Pellow provide an explanation to the meeting.

Mr Crofts also asked for clarification around the wording 'distribute effluent appropriately.' Mr Sunckell provided an explanation to the meeting making reference to the management of dairy effluent application.

REPORT TO AND FROM REGIONAL COMMITTEE MEETING.

Mr Pellow advised meeting that his reports can be taken as read. Members sought clarity around various aspects of his reports including draft river bed lines. Commissioner Lambie provided a fuller explanation in terms of the definition.

MEETINGS ATTENDED

1. Mr Pellow advised members that he attended the ECan led Selwyn Waihora industry discussion on implementation over two days and an ECan Policy Working group meeting on Plan Change 5 held on 27 January 2015.
2. Mr Sunckell advised that he attended a Zone implementation team meeting on 19 January as well as a Primary Industry/ECan/ZC joint meeting on 22 January. He noted that there were general discussions concerning Stage 1 implementation and Stage 2 development as well as various discussion regarding MGM number issues.
3. Mr Lim reported that he attended the ECan led Selwyn Waihora industry discussion on implementation and the Selwyn Waihora Sub-group meeting on Plan Change 1 Implementation on 22 January 2016.

GENERAL PUBLIC CONTRIBUTION

Nil.

URGENT BUSINESS ITEM – Te Mahere Wakahaere o Muriwai o Whata – Management Plan for Muriwai/Coopers Lagoon

Mr Leith (Ngai Tahu) and Ms Governor (Ngai Tahu) introduced themselves to the meeting.

Mr Pauling (Boffa Miskell) introduced his presentation to the meeting. He explained the location of the Lagoon whilst providing background in terms of history, cultural and food gathering. He referred to the management of the lagoon since settlement noting there has been a focus on grazing, fencing, hunting and restoration. He advised members that the goal is to complete a comprehensive management plan.

He made reference to an old surveyors map outlining the lagoon area. It was noted that the Management Plan for Muriwai is a private land management plan developed by Ngai Tahu in partnership with Te Taumutu Runanga working with Boffa Miskell and in consultation with various organisations.

Mr Pauling summarised the plan noting that the purpose is guiding and supporting the management of the bed of Muriwai, as well as the wider catchment, in line with Ngai Tahu values. Mention was made of the intention to make the lagoon a place of outstanding cultural, ecological, and recreational and conservation value to the wider community.

Mr Pauling referred to the four management concepts of the plan as being water, kai and ecology, recreation and public access, and commercial and other activities.

He referred to various photos of the lagoon noting areas that require further work. He summed up the presentation by summarising the implementation priorities.

Implementation priorities

He indicated that funding will be required for the annual work programme managed by Ngai Tahu in partnerships with various other agencies and stakeholders.

The priorities include the following:

- Research and investigation
- Water level/fish passage
- Pest management
- Fencing
- Concessions process
- Restoration plan

Members questioned the funding stream. Mr Pauling indicated that ECan provided some restoration funding. He also noted that funding for the future has not been answered as yet and it was possible that they would make an application to the Zone Committee.

Members also questioned if there was co-governance involved. Mr Pauling advised in the negative.

Members asked for the area of the lagoon and how much money had been spent today. Mr Pauling advised that it is not a huge lagoon and indicated that the Runanga have spent some monies on fencing.

1. WELCOME, INTRODUCTION AND BRIEFING FOR NEW COMMITTEE MEMBER

Mr Whitehouse introduced Mr Mthamo to members.

Mr Mthamo provided a summary of his background and interest in the Zone Committee. He indicated that his background is water engineering and management. Mention was made of his interest to contribute as much as he can within the water strategy, whilst improving matters for future generations.

Mr Whitehouse asked each member to provide a brief introduction of who they are including their interests in relation to the committee and what members want the committee to be working on this year. Members provided same to the meeting.

Various staff also introduced themselves to the meeting.

2. IMMEDIATE STEPS BIODIVERSITY FUNDING – PROPOSED PROJECTS

Ms J Rees (ECan) spoke the meeting.

Lake Lyndon Fence

She noted that both projects are primarily projects requesting fencing funding.

She noted that Lake Lyndon is considered a high ecological valued site and is listed as a Department of Conservation (DOC) wetland of importance. Mention was made that the lake margin is a naturally uncommon ecosystem.

Members were advised that there is a turf land plant community which has a number of plants that are threatened including the kettle hole cudweed which is nationally critical for its continued existence and the myositis brevis which is nationally vulnerable. The ecological score is 37/39 which is one of the highest scores to date.

Ms Rees noted that the current threats are largely related to car access with a number of vehicles driving over plants. She indicated that there is little management of the area. Reference was made to the few boat launches in the area but for the most part people are able to launch anywhere. She noted that the fencing will restrict the areas to launch boats from.

Mention was also made of the nesting birds being disturbed due to vehicle movements.

Proposed activities

-Install approx. 840m of fence line (281m of low wire cable fence and 559m of farm fence) to stop vehicle access to the northern end of the lake.

-Install approx. 760m of fence to stop vehicle access to the southern end of the lake

- DOC style interpretation boards at both ends of the lake describing why the area has been fenced off in respect of protecting the plants and birds
- Install signage to the nearest boat launching sites.

Members questioned DOC’s involvement in terms of providing funding for the fencing. Ms Rees noted that DOC identified the issue but are limited in funding and require the Zone Committee’s help.

Ms Rees also reminded members of the five year delivery outcomes for the Zone Committee being Milestone 1: support at least two projects per year in each of the priority ecosystem types and also mentioned the ZIP - protection of high country wetlands as a target area.

Funding requested:

Immediate Steps	Other Contributions	Estimated Project Total
\$26,856.35	\$13,428.00	\$40,284.35

Members requested a high level view from ECan on the appropriateness of using other ECan funding as part of the “other contributions”. Commissioner Lambie indicated Ecan’s views making note that he was comfortable with the application and reminded members of the high ecological score.

Mr Pellow noted that he was also comfortable with the ecological score but raised concerns around the ECan website in relation to funding criteria. Members discussed the matter in further detail noting the significant public access of this site and damage being caused.

Members also questioned the balance of funds available under Immediate Steps. Ms Rees noted there is funding in the zone of \$62,000 to the end of June 2016.

Moved: Mr Lambie/**Seconded:** Mrs Goldring

‘That the Zone Committee support funding this priority high ecological value project.’

CARRIED

Lake Lyndon Kettle-hole

Ms Rees indicated that this kettle hole is a nationally endangered ecosystem with an ecological score of 35/39.

Current threats

Ms Rees noted the exotic weeds rapidly spreading through the area and smothering the native turf communities. She indicated that the weeds were introduced by cattle being fed out in the kettle hole. Mention was made that with better awareness this has reduced cattle incursions.

Proposed activities

Install 1000m of stock proof fence to prevent accidental stock incursion as well as control weeds, monitor and action plant restoration work as it becomes necessary or appropriate.

Riki Nicholas left the meeting at 2:35pm

Funding requested:

Immediate Steps	Other Contributions	Estimated Project Total
\$23,333.00	\$11,667.00	\$35,000.00

Moved: Mrs Goldring/**Seconded:** Mr Crofts

‘That the Zone Committee support funding this priority high ecological value project.’

CARRIED

3. APPOINTMENT OF OFFICERS AND TO WORKING GROUPS

The meeting discussed the election of a Chair, Deputy Chair and representative to the Regional Committee.

Members asked for clarification around workloads of these roles.

Mr Whitehouse indicated that the Zone Committee agreed to have representation to attend the Te Waihora Agencies meetings at the October 2015 meeting but the person would be appointed at today’s meeting.

Mr Murphy indicated the Agencies Group are people from the councils, DOC, WTW and other organisations who meet quarterly to discuss various issues relating to Te Waihora. The next meeting is 22 February 2016.

Moved: Mr Crofts/**Seconded:** Mr Lambie

‘That the Zone Committee appoints Alan Lim to the role of Chair.’

CARRIED

Mr Pellow advertised the role of the Zone representative to the Regional Council.

Moved: Mr Crofts/**Seconded:** Mrs Goldring

‘That the Zone Committee appoints John Sunckell to the role of Deputy Chair.’

LOST

Mr Sunckell declined the position due other commitments.

Moved: Mr Sunckell/**Seconded:** Mr Lim

'That the Zone Committee appoints Bill Lambie to the role of Deputy Chair.'

CARRIED

Moved: Mr Sunckell/**Seconded:** Mr Lim

'That the Zone Committee appoints Ron Pellow to the role of Zone representative to Regional Committee.'

CARRIED

Rakaia Catchment Environmental Enhancement Society alternative

Moved: Mrs Goldring/**Seconded:** Mrs Moynihan

'That the Zone Committee appoints Bill Lambie to the role of alternative Zone representative to Rakaia Catchment Environmental Enhancement Society.'

CARRIED

Biodiversity Working Group

Mr Whitehouse advised that Commissioner Lambie has indicated his interest.

Moved: Mr Sunckell/**Seconded:** Mrs Moynihan

'That the Zone Committee appoints Mr Lambie, Mr Lim, Mrs Goldring and Commissioner Lambie to the role of Zone representatives to the Biodiversity Working Group.'

CARRIED

PC1 implementation working group

Members suggested that Mr Mthamo be involved due to his background.

Moved: Mr Pellow/**Seconded:** Mrs Goldring

'That the Zone Committee appoints Mr Lambie, Mr Sunckell, Mr Pellow, Mr Lim, Mrs Smith, Commissioner Lambie, Mrs Moynihan and Mr Mthamo to the role of Zone representatives to the Plan Change 1 implementation working group.'

CARRIED

Mr Lambie left the meeting at 2:57pm

5 year Delivery Outcomes Working Group

Moved: Mr Sunckell/**Seconded:** Mrs Moynihan

'That the Zone Committee appoints Mr Lambie, Mr Sunckell, Mr Pellow, Mr Lim, Mrs Smith, Commissioner Lambie, Mrs Moynihan and Mr Mthamo to the role of Zone representatives to the 5-year Delivery Outcomes Working Group.'

CARRIED

Volunteer to represent at Te Waihora agency meetings

Moved: Mr Sunckell/**Seconded:** Mrs Moynihan

'That the Zone Committee appoints Mr Lim to the role of Zone representative at the Te Waihora Agencies meetings.'

CARRIED

Break for afternoon tea at 3.00pm

Meeting resumed at 3.20pm

4. UPDATE ON PLAN CHANGE 1 (SELWYN TE WAIHORA SECTION) OF LAND AND WATER REGIONAL PLAN: COMMUNICATION AND IMPLEMENTATION

Ms T Woods (ECan) spoke to the meeting. She advised members that the Plan Change is now operational as of yesterday. It became operative as the appeals to the High Court were settled.

She summarised the three changes, consequent on the resolution of the appeals, expanding upon the salient points.

-The farming activity 2017 rule was amended so those with nitrogen losses less than 15kgN/ha/yr were not restricted to their nitrogen baseline should they need to apply for a resource consent

-Clarification to the tables containing the nitrogen load limits

-Change to the Policy with the 2022 nitrogen reductions for those over 15kgN/ha/yr clarifying the percentage reductions beyond Good management Practice were to be applied at a property level.

Members discussed good management practice in relation to Plan Change 1 and implementation issues.

Communication of the Operative Selwyn Waihora Plan Change (PC1)

Ms Woods indicated that there is a proposal to do another round of road shows now that the plan is operative. She also indicated that they are returning to the focus groups that were initially engaged to provide an update.

Members discussed possible dates for a focus group. Ms Woods will provide information once details are confirmed.

Members discussed good management practices in relation to communicating with the community of this now operative plan change.

Ms Woods advised that prior to the Plan Change becoming operative, items were identified that needed to be actioned and others were put on hold awaiting the plan change becoming operative. She advised a workshop was held with primary sector staff to review those identified as being required.

Mrs Woods provided a lengthy summary around clusters and then referred to capacity. She noted the importance of making sure that matters are actioned in a timely fashion and keeping it simple in terms of under or over 15kg. At the moment staff are taking feedback to review what needs actioning and how to work through the timetable.

Ms Woods is to email working group members with dates for a recurring meeting appointment.

Mr Pellow suggested that ECan start work immediately on communications regarding the plan change. Members also requested that they would like to know the processes regarding communications material.

Moved: Mr Sunckell/**Seconded:** Mr Pellow

‘That the Zone Committee request ECan progress regarding the comparison of Good Management Practice loss rates from the Selwyn Waihora Look-up Table and those from the Matrix of Good Management Portal and have draft answer by the March 2016 zone meeting.’

CARRIED

5. REMEMBERING AND SHARING THE RICH DISCUSSION UNDERPINNING COMMITTEE’S DEVELOPMENT OF SOLUTIONS PACKAGE: SETTING CATCHMENT N LOAD

Mr Whitehouse referred to new committee members getting up to speed regarding the solutions package. He noted that the majority of members were not involved in the discussion that led to the development of the Selwyn Te Waihora solutions package. He indicated that he would try to schedule monthly meetings to share that rich discussion.

Members who were involved with the development of the solutions package shared their memories with those who were not originally involved.

Members discussed this matter in depth.

Mr Sunckell noted that this whole process is a collaborative process. Work was completed with focus groups at Lincoln where first understood dreams for the future, and then ran the scenarios.

Mrs Goldring agreed with Mr Sunckell's comments.

Mr Tikao also agreed with Mr Sunckell's comments. He noted that at times that he wondered if the committee would get there but can see that members have moved along way from the early days. He noted that everyone worked together to get where they are today. Mr Tikao's view was that the end result is good clean water and progress has been made towards this objective. Mention was made of the huge collaboration with all parties.

Mr Crofts noted that when he first started on the committee it was about drinking water and the additives within. He advised that he used to sit here listening to staff, taking on their information and advice. He referred to the Ngai Tahu members that come here and that issues with mahinga kai are recognised and starting to come together and that is what counts.

Mrs Moynihan indicated that she would find it useful to see some of the extreme examples that older members had to consider in the earlier days.

Mr Crofts responded noting that the whole ownership of water was previously an issue.

Members discussed what they wanted to achieve from the early days in detail. Reference was made to old concerns around Central Plains Water. Mr Whitehouse also noted that there had been a lot of anger about CPW being consented and some submissions on the notified plan change had argued that CPW should not have been included as part of the existing environment.

6. SELWYN WAIHORA ZONE ANNUAL REPORT FOR THE COMMUNITY 2015

Mr Whitehouse (ECan) spoke to the meeting referring to the draft annual report for the Zone Committee 2015.

He advised members that if there are any changes, these need to be identified. He advised that there a number of audiences including councils and the community. He referred to the dates that the Annual Report will be presented by the Zone Chair to Environment Canterbury, SDC and CCC.

Mr Crofts indicated that he believes that some terms needed more definition in what it means in relation to the Zone Committee. Mr Whitehouse suggested a footnote to provide an explanation of kaitiakitanga and mahinga kai.

Members indicated that they were not clear in what the Zone Committee did to achieve the key achievements and progress towards achieving CWMS targets.

Mr Whitehouse indicated that his understanding was the report was about how progress is being made to achieve the zone committee implementation programme and zip addendum, not just about the things the zone committee had directly achieved.

Members provided their comments for correction to Mr Whitehouse.

Mr Weber noted that he is confused when he reads the document and considers that there are a number of changes required to be clearer.

Moved: Mr Crofts/**Seconded:** Mrs Goldring

'That the Zone Committee approves the Annual Report for the Community 2015 with amendments.'

CARRIED

7. KAITUNA RIVER – RESULTS OF WATER QUALITY MONITORING

Ms S Barbour (ECan) spoke to the meeting noting that she is reporting on the last couple of months of monitoring in the Kaituna Valley. She summarised the sampling sites referring to the water quality. She noted that the biggest issues are nutrients and microbial contaminants (E. coli levels).

Proliferation of algae and aquatic plants that smother/choke the waterways.

Phosphorus sources:

- Wastewater
- Animal effluent
- Phosphatic fertilisers
- Volcanic rock/soil

She then referred to the dissolved reactive phosphorus graph referring to the seasonal changes at each site. She explained the spike in the graph noting the dry weather conditions at the time and low water flow. Mention was made that phosphorus concentrations at the state highway site appear higher than most of the other sites.

Ms Barbour then showed a comparison of graphs of the dissolved reactive phosphorus and the total phosphorus. She referred to the spike noting that there was a number of stock in the area when the samples were taken.

In terms of nitrogen, Ms Barbour referred to nitrate noting that it is toxic to fish and an issue to drinking water. She summarised the nitrate + nitrate nitrogen graph to the

meeting. Mention was made that during the wetter months, plants do not grow as much and this is where they have seen spikes.

She referred to the addition of ammonia to the water making reference to the statistics in the graph of ammoniacal nitrogen. Mention was made that they cannot see a connection to septic tanks.

E.coli

-There were clear spikes at all sites contained within the graph.

Key findings

-Faecal contamination is an issue within the catchment.

-Suspended solids concentrations are low but could be due to sampling constraints

-Okana stream exhibited peaks in suspended sediment, faecal contamination and phosphorus when stock had direct access to the stream.

Ms Glasgow (ECan) spoke to the meeting regarding next steps. She noted that last week there was a community meeting to advice of outcomes of the report and next steps.

She noted there is widespread erosion. Mention was made that they are looking to action an erosion works study to get a better understanding of the issues and cost. Ms Glasgow noted that ECan are willing to fund an independent study in the catchment covering a number of areas and suggest mitigation effects. She noted that this was discussed with the community and it received support.

Members asked for a timeline of the study. Ms Glasgow indicated August.

8. FACILITATORS REPORT

Mr Whitehouse (Ecan) spoke to the meeting. He sought guidance of the location for the March venue. Members agreed to the Flock Hill location for the March meeting. It was also suggested that Southbridge could also be considered later in the year. Mr Whitehouse suggested a meeting at a Marae this year as well.

He noted that the Canterbury Regional Pest Management Plan is being reviewed and Mr Sunckell's article in the Selwyn Times has been provided for information.

Mention was made of the poster for the Darfield drop in day.

Mr Whitehouse also noted that Ken Taylor is resigning his current role to take up another role in the area.

Mr Crofts closed the meeting with a Karakia.

The Chair thanked all in attendance and the meeting closed at 5:25pm.

DATED this 1st day of March 2016

A handwritten signature in blue ink, appearing to be "Alvin L.", written over a horizontal line.

CHAIR