

**MINUTES OF THE KAIKOURA ZONE WATER COMMITTEE MEETING
HELD AT 12.30 PM ON WEDNESDAY 28 JUNE 2017 AT
FUNCTION ROOM, 3RD FLOOR CIVIC BUILDING, 96 WEST END,
KAIKOURA.**

PRESENT: Ted Howard (Chair); Tony Blunt; Aroha Boyd; Cr Steve Lowndes; John Murray

IN ATTENDANCE: Philippa Beckman (Acting Secretary); John Benn; Nicholas Cradock-Henry; Steve Firth; Andrea Grant; Murray Griffin; Kevin Heays; Jess Hill; Jodie Hoggard; Hamish Rennie;

APOLOGIES: Stephen Bragg; Celeste Harnett; Matthew Hoggard; Nicky McArthur; Gina Solomon; Teri Sonal

ORDER OF BUSINESS

1	Open – Karakia	
2	Introductions and Committee Check-in	Ted Howard
3	Apologies	
4	Matters of Importance to be Raised as General Business	
5	Confirmation of Minutes 31 May 2017 5.1 Matters arising from the Minutes	
6	Opportunity for the Public to Present	
7	Zone Delivery Report	Kevin Heays
8	Committee Updates 8.1 Love the Lyell Working Group 8.2 Nutrient Management Working Group 8.3 Regional Committee 8.4 Recreation and Amenities - Swimming 8.5 Zone Facilitator: Action Sheet Update	Murray Griffin
9	National Science Challenge – Rural Resilience Research Programme Briefing	Nicholas Cradock-Henry (Landcare Research); Andrea Grant (Scion); Hamish Rennie (Lincoln University)
10	General Business and Future meeting Priorities	Ted Howard
11	Committee Work Programme Overview –Committee Workshop	Murray Griffin
12	Close – Karakia	

KARAKIA, WELCOME AND COMMITTEE CHECK-IN

The meeting convened at 12:30pm with a karakia, followed by a welcome from the Chair.

Each committee member gave a brief check-in and update. Some of the topics raised during this included:

- The Chair welcomed John Murray to his first meeting since the November earthquake. John lives in the Clarence area north of the major landslips blocking the highway, and came via an Air Kaikōura flight.
- ECan Council business this month included the launching of Plan Change 5 of the Canterbury Land & Water Regional Plan, affecting the Waitaki area and addressing nutrient emission regulations; Canterbury Regional Biodiversity Strategy funding could be an option for applications that don't meet Immediate Steps criteria.
- Further discussion on biodiversity funding: DOC has a number of funding avenues.
- Current biodiversity needs include predator control for Hutton's Shearwaters, which have suffered an estimated 15% loss of territory through landslides resulting in an estimated 40-50% population drop. Under current land conditions this would be expensive, for example requiring helicopter intervention due to compromised or blocked roads.

3. APOLOGIES

Moved by Tony Blunt, seconded by John Murray and resolved that apologies be accepted.

4. MATTERS OF IMPORTANCE TO BE RAISED AS GENERAL BUSINESS

No urgent business was raised other than topics already on the agenda.

5. CONFIRMATION OF MINUTES 31 MAY MEETING

Moved by Tony Blunt, seconded by Steve Lowndes and resolved that the minutes of the Kaikōura Zone Water Committee meeting held on 31 May 2017 be confirmed a true and accurate record.

5.1 MATTERS ARISING FROM THE MINUTES

There were no matters arising from the minutes other than topics already on the agenda.

6. OPPORTUNITY FOR THE PUBLIC TO PRESENT

Nil

7. ZONE DELIVERY REPORT

Kevin Heays gave a verbal update to the committee on zone delivery activities. He began by clarifying Jess Hill's role, which is Biodiversity not Biosecurity.

7.1. LYELL CREEK/WAIKŌAU

Regular fortnightly meetings with the Lyell Creek recovery group continue with representatives from Kaikōura District Council, EQ Recovery Management, T & T (EQC), the Zone Management Team, Monitoring and Rivers, and KDC insurers. Beyond this a higher level of input is being collated in order to secure the best outcomes and widest possible consultations.

The ECan work around flooding and drainage capacity is mostly being carried out on the rural side. At Warrens Creek repairs to slumped areas are scheduled in July, as is a programme to clean and restore flow potential to several Kaikōura Flats drains.

7.2. ZONE TEAM

Communication between the Zone Team Land Management Advisor, Biodiversity Officer and Fonterra staff continues regularly with Fonterra often utilising ECan's facilities as an office base while operating in the zone.

7.2.1. Land Management Advisory: All farmers that potentially need consents have been seen with one on one meetings to complete their consent application forms. The zone team expects to complete processing of all the Overseer baseline files by mid-July.

It should be noted that with Plan Change 5 some of the farms in Kaikōura with less than 50ha of irrigation will not need consent.

In terms of riparian management plans Fonterra have two left to complete in Kaikōura and hope to have these completed by the end of July.

Since November 2016 Land Management Advisory staff have given the sheep and beef farmers some space to grapple with other issues, and Farm Environment Plan workshops etc. have not been pursued. However, interest in what is being expected of sheep and beef farmers is now growing, so discussions have been held with Beef & Lamb NZ and a workshop will be held from 10:00-3:00 on 4 August at the Lobster Inn. Work will now commence with Beef & Lamb in planning and promoting this event.

7.2.2. Biodiversity: By the end of this financial year (30 June) the Clarence/Waiiau Toa weed control work programme for 2016/17 has been signed off by stakeholders and is now awaiting a final report. Parties concerned have been positive and grateful for what has been achieved, with a number asking about next year's programme as well as about upcoming work priorities. At the August Zone Committee meeting a new Immediate Steps proposal will be presented, including the possibility of a field trip.

7.2.3. Demolition/Waste Management: Little to report around the demolition waste management space to date, although processes are in place for when it does. The advertised Waste Management Project Manager and Case Manager Positions have not yet been confirmed. These two appointments should make the demolition waste management process easier and clearer.

Communications, site visits and meetings with NCTIR and the community have occurred over the last month; attended by Marty Mortiaux and Jan Crooks. These have a particular community interest with the storage of landslip material at Mangamaunu. NCTIR, ECan, Kaikōura District Council, The Kaikōura Zone Team, Ngāi Tahu, Mangamaunu community and the Surf Break Protection Society are all engaging to allay concerns and issues.

7.2.4. Communications:

7.2.4.1. A good news story around Dave Boyd's planting has been submitted to the ECan Communications team for distribution.

7.2.4.2. Marty Mortiaux has been profiled and an article written about his role with NCTIR as a Zone Team members.

7.2.4.3. A media release on 28 June and an article in the distribution process have been made on the blackened, oily water in the Peketa Drain. This is an interesting story around another effect the earthquake has had on the environment.

7.2.4.4. On 28 June there was a media release (DOC) around the Black Fronted Tern

7.2.5. Consents: ECan has issued no significant consents in the zone over the last month. Although gravel extraction has been a focus for our major waterways, this is now mostly managed by permit rather than consent. The permit system allows a cheaper and quicker application cost and timeframe and more flexible areas of extraction according to the material required, while still ensuring environmentally sustainable conditions. The permits are managed and monitored by Peter Adams in Kaikōura.

7.3. THREATS/POTENTIAL ISSUES PROGRESS AS REPORTED LAST MEETING

7.3.1. Stress levels are still present but there are signs that these could be lifting; for example farmer attendance at meetings is improving. Nevertheless they remain high with some landowners; one dairy farmer now has his cows on the market so is obviously changing his land use, at least temporarily.

7.3.2. The appearance of many springs has been a discussion around the farming community; particularly the flats. LIDAR information is being analysed and Kevin Heays has requested that the information be produced in more reader-friendly language. Farmers agree that they are keen to be able to use appropriate LIDAR to see how their farm practices can be adjusted to suit any new conditions.

7.3.3. Contractors are actively seeking alternative sites to discharge their works “left-overs”. Some private land has been offered as a possible solution to this issue; nevertheless the very large quantities of material make this issue difficult to resolve.

7.3.4. Communications from NCTIR – public, internal and cross-agencies – has improved markedly, reducing community anxieties and improving community understanding. Regular newsletters are widely distributed and well received.

7.3.5. Rural sewer systems: Now that OASIS Sewerage Systems is will not be assisting with identification of damaged sewer systems on the flats, and with this review being a Zone Committee action, the Zone Team has dedicated an officer to visit all residences on the flats to gain insights into the location and state of all septic systems. This on-site activity will begin in early July.

8. COMMITTEE UPDATES

Murray Griffin updated the committee on zone committee actions and progress.

8.1 LOVE THE LYELL WORKING GROUP

Refer item 7.1 above. Also, it should be noted that the Lyell Recovery Group met to prepare its work plan on 21 June.

Ian Heslop has offered to prepare a River Engineering report and present at a future Zone Committee meeting.

8.2 NUTRIENT MANAGEMENT WORKING GROUP

On 20 June the Nutrient Management Working Group applied to the Earthquake Recovery fund for \$600,000 for three years (Individual Applicants Fund). The group will meet in mid-July to work on the MPI response to this application. If granted, the group could become a governance group for the fund as its membership represents stakeholders from the District and Regional Councils, Rūnanga, industry and landowners; ensuring community ownership.

Discussion:

- Tony Blunt thanked the group for the application effort. He has spoken to several dairy farmers and the initiative taken is much appreciated by them. The situation for dairy farmers is very difficult right now; farming success depends totally on water supply and drainage, all of which are fluctuating and changing due to earthquake disruption. Pre-quake baseline data now needs updating and monitoring is much needed to understand the current situation, so the fund would make a huge difference.

- If the application is secured there will be further questions to explore, as so much is still unknown. ECan has a good monitoring system that could be employed in some way, and its scientists are gathering more data all the time.

8.3 REGIONAL COMMITTEE

The Regional Committee met in June and its working groups will hold meetings mid-July.

ECan Youth Engagement Officer Hannah Dunlop is keen to establish an Enviro Schools presence in the Kaikōura Zone.

8.4 RECREATION AND AMENITIES

8.4.1. Swimming: This committee's feedback regarding swimming sites in the Kaikōura zone was forwarded to the Regional Committee for its regional swimming sites overview.

8.4.2. Top priorities for restoration sites were discussed with the following areas prioritised:

- Coastal/Marine (the issue of seawall extension – excluding access for recreation; also access to walking tracks.
- Lyell/Waikōau
- Mt Fyffe – potential for MT biking and parapenting
- All river mouths: Clarence/Waiiau Toa, Hāpuku, Kowhai, Oaru, Peketa
- River Protection Reserves – Kowhai and Waimangarara. Developing walking and biking options; bird watching.
- DOC land access, which amounts to a large proportion of the land area in the zone. Many tracks have been shut because of risk.

In general, the dramatic change to the landscape post-earthquake and shift in access to recreation/amenity areas presents the major recreational challenges and opportunities.

8.5 ZONE FACILITATOR: ACTION SHEET UPDATE

	Action	Who	By When	Status	Progress / Outcome
1	Planning options for Zone	A Parrish; I Brown	31 May	Done/ Ongoing	Andrew Parrish & Ian Brown will continue this discussion
2	Rural drinking water supplies	M Griffin; KDC	28 Jun	Done/ Ongoing	Coordination of public updates & information for residents on rural water supplies on KDC website.
3	A3 infographics on the 5 Year Outcomes, the LWRP planning process	M Griffin	26 Jul	Ongoing	The next A3 infographic will be discussed at the next ZC meeting – 5 year outcomes
4	Wai Water Story Map	M Griffin & J Fettes	29 Nov	Ongoing	Updating the Kaikoura Story Map to align with the ZIP refresh.
5	Damaged rural septic repair options	K Heays	31 May	Done/ Ongoing	Options for improved septic systems on rural properties investigation.
6	Funding options for domestic water tanks	Kevin & Murray	28 Jun	Ongoing	Investigate the scope and possibility of household supplementary water tanks
7	Rural septic tank repair and insurance article	Kevin	31 May	Ongoing	Write an article about septic tanks for the autumn newsletter

8	Video profile of Immediate Steps projects	Murray and Tania	28 Jun	Ongoing	Develop a profile of IS and other projects on Facebook and other social media
9	2016 Zone Committee Annual Report - distribute to all households	Murray	26 Jul	Done/ Ongoing	Adapt the 2016 Annual Report to newsletter format to go to all households
10	Clarification of what is swimmable – issues/thresholds/views	Murray	30 Aug	Ongoing	Briefing to be arranged. Swimming sites tabled at 31 May meeting.
11	Feedback to Anita Fulton (Regional Recreation and Amenities Working Group) on swimming sites	Murray	2 Jun	Done	--
12	Committee consider project proposals.	All	28 June	Ongoing	None received yet
13	Follow up on the removal of Old Mans Beard from Kowhai River Reserve	Kevin	26 Jul	Ongoing	There is an ongoing pest control programme being addressed by priority including predator control in the reserve.

Discussion

- Refer item 2. The Peketa water supply is unusable. They have applied for better funding and work is in progress to improve the supply.
- Refer item 4. A query was raised about what had happened to the WaiWater booklets produced four-five years ago. An interactive Story Map is a more accessible and wide reaching format that works better for its target audience.
- Refer item 5, and agenda item 7.3.5 above. The zone team is making house by house site visits. The septic tank situation is likely to be ongoing because Geotech reports indicate that water levels in the region are unlikely to settle for two years. In Wellington 200l supplementary water tanks were supplied. Murray Griffin will seek more information on this and report back to the committee. Further discussion led to the agreement that individual preparedness can only be successful if the whole community does it, as no one person can prepare enough for all to use. This highlights the importance of community-wide initiatives, education and responses.
- Refer item 9. The 2016 Annual Report will be adapted into newsletter format with an introduction by Ted Howard and updated with new information for the Winter newsletter. Aim for completion by 17 July.
- Refer item 10. It is very difficult to estimate usage of the swimming sites – better to just name the known swimming areas.
- Refer item 13. While Old Mans Beard is a problem in the Kowhai River Reserve, there is a predator and weed control project underway in the area which is using its budget according to an already prioritised plan.

9. NATIONAL SCIENCE CHALLENGE – RURAL RESILIENCE RESEARCH PROGRAMME BRIEFING

A presentation was made by Hamish Rennie (Lincoln University), Nicholas Cradock-Henry (Landcare Research) and Andrea Grant (Scion) on the Rural Resilience Research Programme they are involved with, and in which Kaikōura has been selected as a case study.

The presentation described six toolbox programmes for underpinning resilience disciplines: Resilience trajectories; Hazards; Culture; Infrastructure; Governance; Economics; four co-creation labs: Rural; Urban; Maori; Edge (e.g. coastal); and the research objective of co-creating

resilience solutions so that people can shift their behavioural norms towards multi-level resistance to events such as wildfires or earthquakes.

In early 2016 Kaikōura was identified as having a “green light” profile for this programme having a range of potential hazards, access to stakeholders, a current state of research, and being inclusive of a number of sectors such as farming and tourism. Post-quake there is ongoing recovery and the district is looking to its future.

The five year objective of the project is to develop an integrated framework for assessing resilience to natural hazards, which can include tsunami, earthquakes, wildfire and drought. The proposed first phase of the research is identifying current bodies such as the Zone Committee and working groups that provide a good node of networks that the community engages with, and looking at what practices and policies are used (e.g. GMP).

The group stressed that they wanted to work with communities and industries to ensure that their work would be useful. They thanked the committee for its time and expressed the wish to meet with it again to workshop some of the issues and solutions.

Questions/Discussion

- Will there be consideration of climate change in this project?
There will be a greater focus on natural hazards.
- Would it be more useful to focus on impact rather than the hazards?
The aim is to work with the community to identify not provide the answers for them.
- Will you be considering the marine as well as terrestrial impact?
Marine Science research is also looking at Kaikōura so is not the main focus of this project.
- The earthquake outcome for Kaikōura involved immediate excellent support from the Army and Navy as well as other help. But should there be a major Alpine faultline event across the country such assistance may not be forthcoming. Level of disaster is covered in this research?
 - it was noted immediate needs would include the creation of drivable tracks and a cellphone system (mobile cellphone towers)
- Is the Kaikōura research specific to this region or more generically applicable?
It is generic, but also intended to inform solutions for the local community.
- How can this committee help specifically? For example, receiving zone committee agenda papers? Check in quarterly at meetings?
Workshop some ideas together: A science group and zone committee session.
- One thing the community needs is some practical ideas for things they can do to improve their resilience – such as putting feet on septic tanks, strings across pantry cupboards etc. It would be good to introduce ideas that the community can do to improve their resilience.

Action: Ted Howard and Murray Griffin to follow up on possible workshop.

10. GENERAL BUSINESS AND FUTURE MEETING PRIORITIES

Nil

Actions		
Action	Who?	Agenda Item
Arrange a workshop for the Rural Resilience Research Programme	Murray / Ted	9